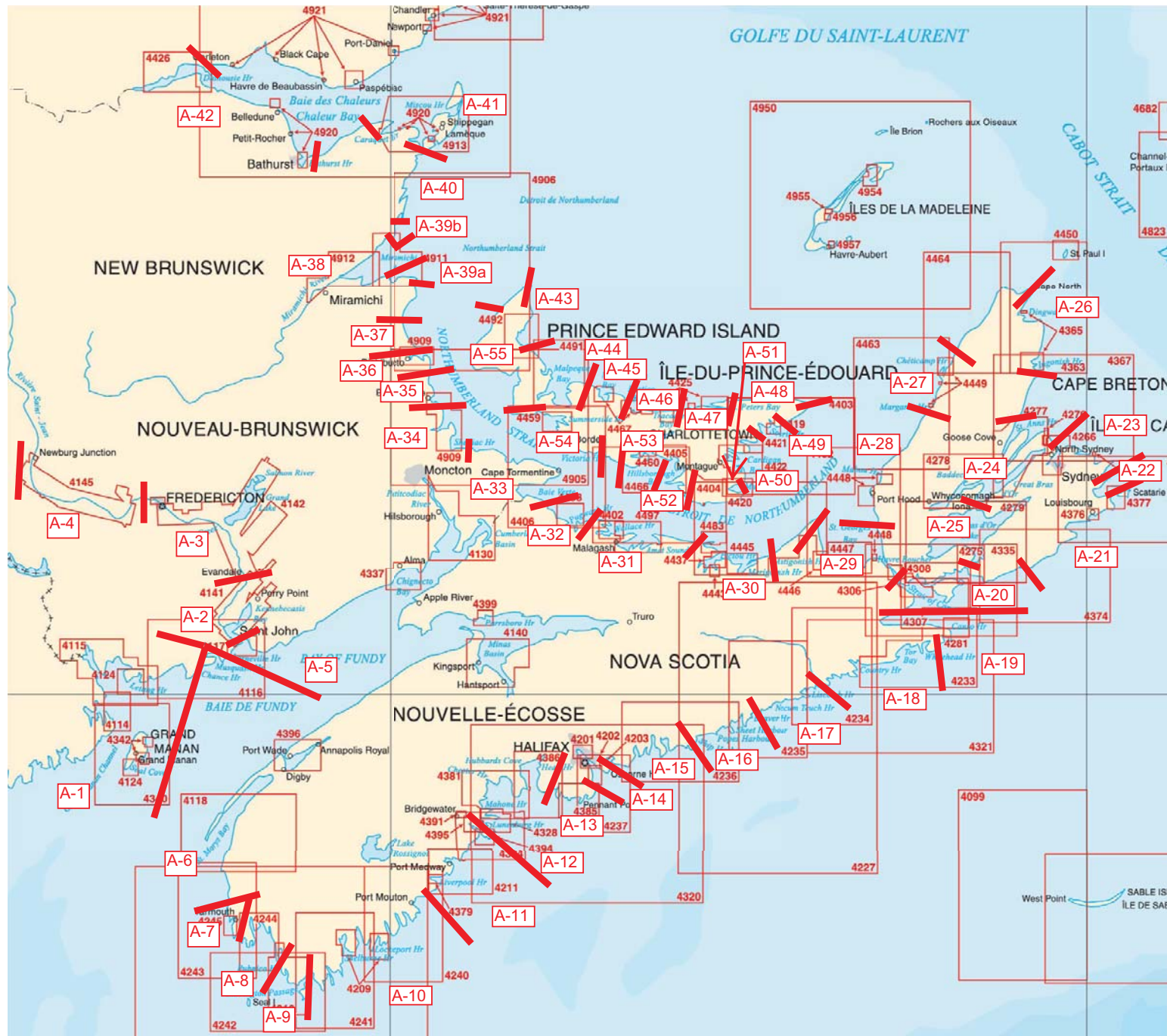


APPENDIX C.3, ATLANTIC REGION CONTRACT AREAS, A-1 TO A-76, INDEX:

Province	Area	Contract Area
New Brunswick	A-1	Grand Manan/St. Croix/Maces Bay
	A-2	Lower Saint John River
	A-3	Upper Saint John River
	A-4	Mactaquac
	A-5	St. John Harbour/Bay of Fundy
Nova Scotia	A-5 C	St. John Harbour/Bay of Fundy
	A-6	Digby to St. Marys
	A-7	Yarmouth Harbour and Approach
	A-8	Chebogue to Lower East Pubnico
	A-9	Lower Woods Harbour to Clarks Harbour
	A-10	Barrington Bay to Lockeport
	A-11	Port Joli to Lunenburg
	A-12	Mahone Bay
	A-13	West Dover to Ketch Harbour
	A-14	Halifax to Three Fathom Harbour
	A-15	East Chezzetcook to Little Harbour
	A-16	Ship Harbour to Beaver Harbour
	A-17	Ecum Secum to St. Mary's River
	A-18	Port Bickerton to Upper Whitehead
	A-19	Dover to Guysborough
	A-20	Canso Causeway to L'Archevesque
	A-21	Fouchu to Main a Dieu
	A-22	Mira River
	A-23	Port Morien to Sydney
	A-24	Northern Bras D'or including St. Patricks, St. Andrews, Great and Little Bras D'or
	A-25	Bras D'or Lakes including Lennox Passage (Coastal)
	A-26	Ingonish to Dingwall
	A-27	Cheticamp to Margaree
	A-28	Inverness to Port Hood
	A-29	Canso to Cape George
	A-30	Pictou, Caribou, Merigomish
	A-31	Toney River to Wallace
	A-32	Pugwash Harbour and Northport
	A-33	Tidnish to Robichaud
New Brunswick	A-33	Tidnish to Robichaud
	A-34	Shediac and Cocagne
	A-35	Boutouche Harbour and River
	A-36	Richibucto (including Alduoane)
	A-37	St. Louis to Kouchibouguac
	A-38	Miramichi Bay and River
	A-39	Escuminac to Portage Gully
	A-40	Tabusintac to Pokemouche

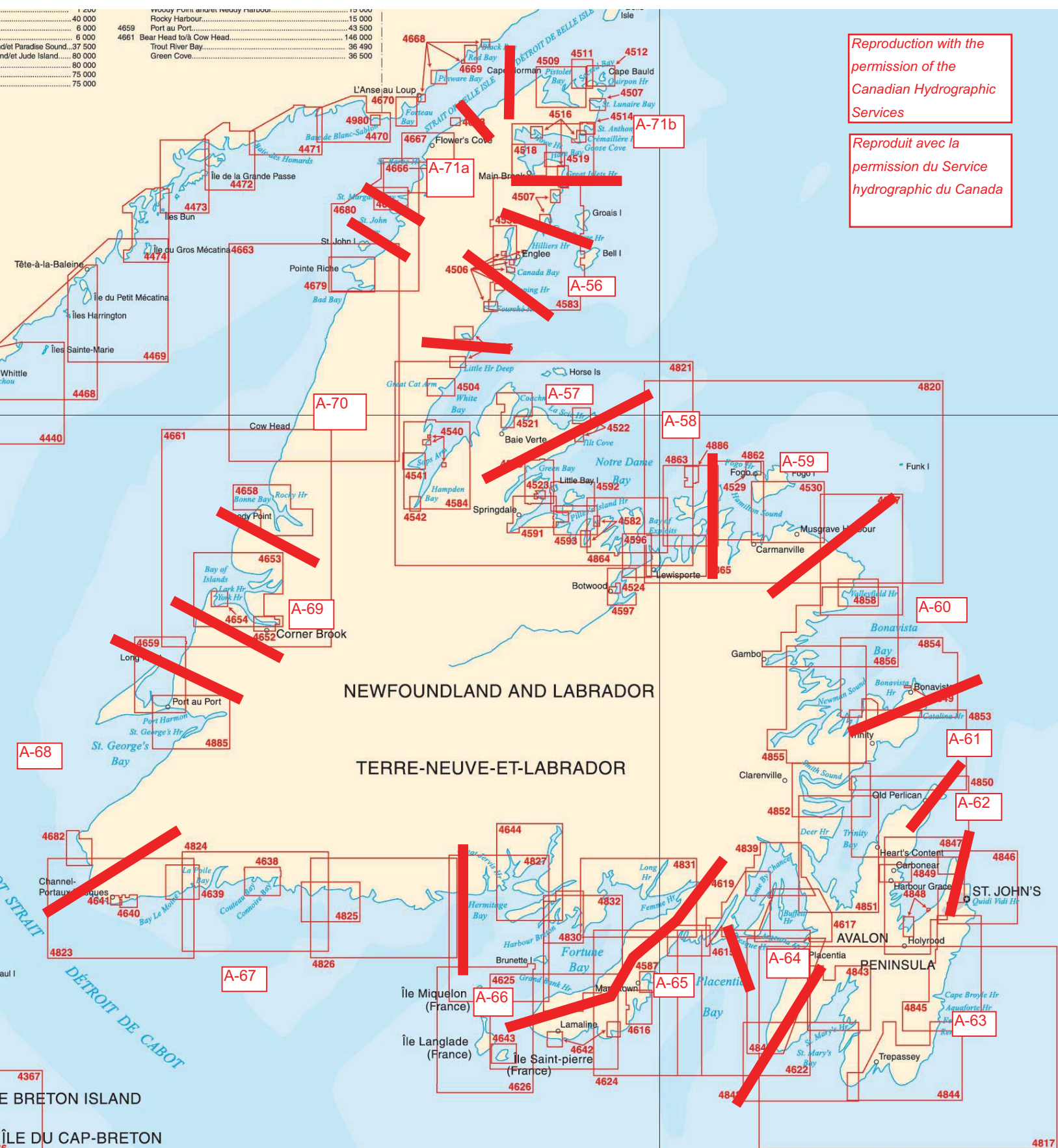
APPENDIX C.3, ATLANTIC REGION CONTRACT AREAS, A-1 TO A-76, INDEX:

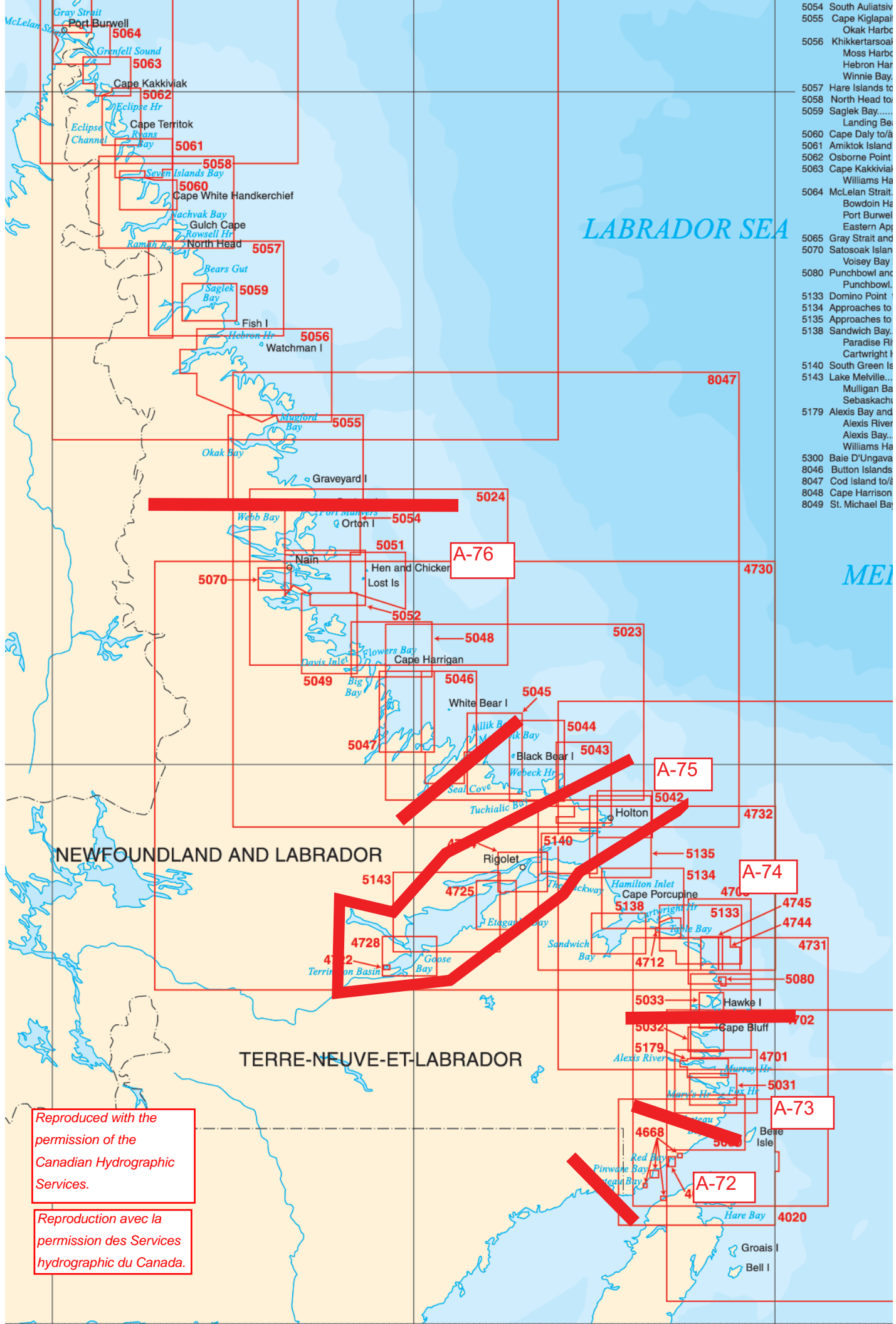
Province	Area	Contract Area
New Brunswick	A-41	Shippegan, Caraquet, Miscou
	A-42	Bathurst to Dalhousie
Prince Edward Isl.	A-43	Tignish to Cascumpeque
	A-44	Conway Inlet to Malpeque/Darnley
	A-45	New London & Rustico
	A-46	Covehead and Tracadie
	A-47	Savage Harbour & St. Peters Harbour
	A-48	East Point
	A-49	Souris, Fortune and Howe Bay
	A-50	Annandale to Cape Bear
	A-51	Murray Harbour & Wood Islands
	A-52	Pinette, Pownal, Orwell
	A-53	Charlottetown Harbour
	A-54	Victoria to Summerside
	A-55	Cape Egmont to Miminegash
Newfoundland & Labrador	A-56	Grey Islands
	A-57, A-C	Area White Bay
	A-58, A-E	Notre Dame Bay
	A-59, A-D	Hamilton Sound
	A-60, A-F	Bonavista Bay
	A-61, A-G	Trinity Bay
	A-62, A-C	Conception Bay
	A-63, A-C	East Coast
	A-64	Placentia Bay East
	A-65, A-D	Placentia Bay West
	A-66	Fortune Bay
	A-67, A-D	South Coast
	A-68, A-C	Southwest Coast
	A-69	Bay of Islands
	A-70, A-C	West Coast Centre
	A-71, A-B	Straits South Newfoundland Coast
	A-72	Northern Straits, Labrador Coast
	A-73	Southern Labrador
	A-74	Mid Labrador
	A-75	Labrador Groswater Bay Lake Melville
	A-76	Labrador Coast



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APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Grand Manan - St. Croix - Maces Bay	
Contract Area no.:	A-1	
Province(s):	New Brunswick	
Contract Area Description:	Includes the waters of the the Bay of Fundy around Grand Manan Island and mainland harbours, as well as St. Croix River.	
Material Transportation & Storage	Material storage by: Contractor	Material Transportation by: Canadian Coast Guard
Coast Guard Depot:	Off season lantern storage by: Contractor Saint John, NB	
Commissioning date:	July 1st	
Decommissioning date:	October 15th	
Total no. of buoys:	138	
Max. buoy size(m) diameter :	2.5 m	
Maximum anchor size (weight (kg)):	1818	
Maximum buoy weight (kg) :	1575 kg	
Maximum water depth (m) :	37 m	
Operational Season:	July 1st to October 15th	
Overview of work activities:	<p>135 buoys are 'year round', and 2 buoys are 'seasonal in-place year round'. 25 buoys have removable lanterns; At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Decommissioning work includes removal of lanterns from year round buoys.. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Unscheduled work includes response to discrepancies during the operational season.</p>	
Comment:	<i>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.</i>	

Contract Area name:	Grand Manan - St. Croix - Maces Bay
Contract Area no.:	A-1

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 8 current contracts included in this contract area, as follows:

EXISTING CONTRACT	
Name / Number of buoys	
Black's Harbour	10
Grand Manan	21
Letete	27
Magaguadavic River	15
Quoddy River	22
St. Andrews & Chamcool Channel	15
St. Croix River	11
Musquash River to Dipper Harbour	17
Total:	138

All current contracts expire in July 2015.
Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-1	17.500	XA7	1.5m SB 98 plastique	1.5m SB 98 plastic	M468	Extinguished / Éteinte	02/03/2011	2
A-1	19.000	XK7	1.5m SB 98 plastique	1.5m SB 98 plastic	M2365	Extinguished / Éteinte	03/10/2013	1
A-1	19.000	XK7	1.5m SB 98 plastique	1.5m SB 98 plastic	M2109	Extinguished / Éteinte	26/08/2012	1
A-1	20.000	XN2	SB 285	SB 285	M2585	Not Reliable / pas fiable	30/10/2013	1
A-1	20.000	XN2	SB 285	SB 285	M2366	Off Position / Hors Position	03/10/2013	1
A-1	20.000	XN2	SB 285	SB 285	M251	Off Position / Hors Position	06/02/2012	1
A-1	20.000	XN2	SB 285	SB 285	M3247	Extinguished / Éteinte	10/12/2010	1
A-1	20.000	XN2	SB 285	SB 285	M0694	Off Position / Hors Position	09/04/2010	1
A-1	21.000	XM3	1.4m Bouée	1.4m Buoy	M2420	Not Reliable / pas fiable	10/10/2013	1
A-1	45.000	UT2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	m2062	Extinguished / Éteinte	04/09/2013	2
A-1	45.000	UT2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3030	Extinguished / Éteinte	18/11/2009	2
A-1	51.500	UP2	1.4m Bouée	1.4m Buoy	M3093	Extinguished / Éteinte	25/11/2009	2
A-1	63.000	SY4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1426	Not Reliable / pas fiable	08/06/2010	3
A-1	70.000	SQ	1.4m Bouée	1.4m Buoy	M674	Not Reliable / pas fiable	17/04/2013	2
A-1	70.000	SQ	1.4m Bouée	1.4m Buoy	M662	Off Position / Hors Position	16/04/2013	2
A-1	70.000	SQ	1.4m Bouée	1.4m Buoy	M661	Off Position / Hors Position	16/04/2013	2
A-1	70.000	SQ	1.4m Bouée	1.4m Buoy	M674	Not Reliable / pas fiable	17/04/2012	2
A-1	70.000	SQ	1.4m Bouée	1.4m Buoy	M169	Extinguished / Éteinte	17/01/2013	2
A-1	70.000	SQ	1.4m Bouée	1.4m Buoy	M31	Off Position / Hors Position	07/01/2013	2
A-1	72.500	SE2	1.25m plastique Con	1.25m plastic Con	M1018	Off Position / Hors Position	30/04/2010	2
A-1	72.500	SE2	1.25m plastique Con	1.25m plastic Con	M0886	Off Position / Hors Position	25/04/2010	2

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-1	5058.200	S30	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1769	Not Reliable / pas fiable	28/06/2011	2
A-1	5058.220	S32	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1769	Not Reliable / pas fiable	28/06/2011	2
A-1	5058.240	S34	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1769	Not Reliable / pas fiable	28/06/2011	2
A-1	58.600	S16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1204	Extinguished / Éteinte	28/07/2011	2
A-1	5065.100	SX1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1983	Off Position / Hors Position	26/08/2013	3
A-1	5066.100	SX10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1522	Off Position / Hors Position	07/07/2013	3
A-1	5066.400	SX4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1019	Off Position / Hors Position	30/04/2010	3
A-1	72.100	SE8	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1085	Extinguished / Éteinte	10/05/2011	3
A-1	55.000	SH10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M527	Showing Improper Character / Caractéristiques Inexactes	25/03/2013	2
A-1	55.000	SH10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1177	Extinguished / Éteinte	12/05/2010	2
A-1	74.200	SJ2	1.5m SB 98 plastique	1.5m SB 98 plastic	M2753	Off Position / Hors Position	22/11/2012	1
A-1	74.200	SJ2	1.5m SB 98 plastique	1.5m SB 98 plastic	M2668/12	Extinguished / Éteinte	14/11/2012	1
A-1	74.200	SJ2	1.5m SB 98 plastique	1.5m SB 98 plastic	M2612	Off Position / Hors Position	05/11/2012	1
A-1	74.200	SJ2	1.5m SB 98 plastique	1.5m SB 98 plastic	M2577	Off Position / Hors Position	31/10/2012	1
A-1	74.200	SJ2	1.5m SB 98 plastique	1.5m SB 98 plastic	M2248	Off Position / Hors Position	19/08/2010	1
A-1	74.200	SJ2	1.5m SB 98 plastique	1.5m SB 98 plastic	M0014	Off Position / Hors Position	03/01/2010	1
A-1	74.200	SJ2	1.5m SB 98 plastique	1.5m SB 98 plastic	M1269	Off Position / Hors Position	31/05/2009	1
A-1	5075.100	SM4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1963		28/07/2010	3
A-1	5075.100	SM4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1757	Off Position / Hors Position	09/07/2010	3
A-1	5075.190	SM13	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1370	Off Position / Hors Position	15/06/2012	3
A-1	70.250	SQ3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3227	Extinguished / Éteinte	07/12/2010	2

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Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-1	70.250	SQ3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0362	Off Position / Hors Position	02/03/2009	2
A-1	75.320	SQ4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3506	Showing Improper Character / Caractéristiques Inexactes	22/12/2011	2
A-1	5075.400	SU4	0.75m SB 105 conique	0.75m SB 105 Conical	M2176	Off Position / Hors Position	03/08/2011	3
A-1	75.430	SJ4	1.5m SB 98 plastique	1.5m SB 98 plastic	M356	Extinguished / Éteinte	23/02/2012	2
A-1	75.430	SJ4	1.5m SB 98 plastique	1.5m SB 98 plastic	M3182	Showing Improper Character / Caractéristiques Inexactes	06/12/2009	2
A-1	75.430	SJ4	1.5m SB 98 plastique	1.5m SB 98 plastic	M2985	Partially Submerged / Partiellement Submergée	09/11/2009	2
A-1	75.430	SJ4	1.5m SB 98 plastique	1.5m SB 98 plastic	M2985	Off Position / Hors Position	09/11/2009	2
A-1	75.430	SJ4	1.5m SB 98 plastique	1.5m SB 98 plastic	M2948	Submerged / Submergée	02/11/2009	2
A-1	75.430	SJ4	1.5m SB 98 plastique	1.5m SB 98 plastic	M2518	Submerged / Submergée	21/09/2009	2
A-1	75.430	SJ4	1.5m SB 98 plastique	1.5m SB 98 plastic	M2504	Off Position / Hors Position	19/09/2009	2
A-1	5076.000	SA2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3186	Off Position / Hors Position	29/11/2010	3
A-1	5076.000	SA2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0724	Partially Submerged / Partiellement Submergée	14/04/2010	3
A-1	5079.200	KD2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M522	Off Position / Hors Position	25/03/2013	3
A-1	5079.200	KD2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1740	Off Position / Hors Position	08/07/2010	3
A-1	5079.200	KD2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0385	Off Position / Hors Position	06/03/2009	3
A-1	5079.200	KD2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0340	Off Position / Hors Position	22/02/2009	3
A-1	5080.200	KE2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M158	Off Position / Hors Position	16/01/2013	3
A-1	5080.200	KE2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1741	Off Position / Hors Position	08/07/2010	3
A-1	5007.800	XA4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2427	Off Position / Hors Position	10/10/2013	3
A-1	5008.300	XE	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0732	Off Position / Hors Position	14/04/2010	3
A-1	19.300	XK11	1.4m Bouée	1.4m Buoy	M3321	Operating Intermittently /fonctionnant par intermittence	17/12/2010	2

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-1	19.300	XK11	1.4m Bouée	1.4m Buoy	M0284	Off Position / Hors Position	10/02/2009	2
A-1	5021.200	XM2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0750	Off Position / Hors Position	15/04/2010	3
A-1	5027.100	XP1	1.5m SB 98 plastique	1.5m SB 98 plastic	M0605	Off Position / Hors Position	05/04/2010	1
A-1	5027.100	XP1	1.5m SB 98 plastique	1.5m SB 98 plastic	M1744		14/07/2009	1
A-1	5029.300	XU	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1739	Submerged / Submergée	26/06/2011	2
A-1	5029.300	XU	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3086	Off Position / Hors Position	12/11/2010	2
A-1	5029.300	XU	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0133	Capsized / chaviré	13/01/2010	2
A-1	5029.700	XV3	GDI 1.22m plate	GDI 1.22m Can	M3390	Off Position / Hors Position	26/12/2010	2
A-1	5029.700	XV3	GDI 1.22m plate	GDI 1.22m Can	M3166	Off Position / Hors Position	26/11/2010	2
A-1	5029.700	XV3	GDI 1.22m plate	GDI 1.22m Can	M0439	Off Position / Hors Position	03/03/2010	2
A-1	5031.500	XV	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1478	Off Position / Hors Position	19/06/2009	3
A-1	5040.100	UD	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2566	Off Position / Hors Position	07/09/2011	3
A-1	52.250	UP7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2172	Extinguished / Éteinte	13/09/2013	3
A-1	5052.100	UA	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2144	Off Position / Hors Position	29/08/2012	3
A-1	5052.200	US2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M526	Partially Submerged / Partiellement Submergée	25/03/2013	3
A-1	5052.200	US2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M712	Off Position / Hors Position	04/04/2011	3
A-1	5052.300	UB	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2173	Off Position / Hors Position	03/08/2011	2
A-1	5052.300	UB	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1442	Off Position / Hors Position	09/06/2010	2
A-1	5052.300	UB	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1372	Partially Submerged / Partiellement Submergée	10/06/2009	2
A-1	5056.200	S4	0.75m SB 105 conique	0.75m SB 105 Conical	M2079/12	Off Position / Hors Position	21/08/2012	3
A-1	5056.200	S4	0.75m SB 105 conique	0.75m SB 105 Conical	M3044	Off Position / Hors Position	08/11/2010	3

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-1	5056.200	S4	0.75m SB 105 conique	0.75m SB 105 Conical	M2482	Off Position / Hors Position	10/09/2010	3
A-1	5056.200	S4	0.75m SB 105 conique	0.75m SB 105 Conical	M2119	Off Position / Hors Position	18/08/2009	3
A-1	70.150	SQ2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M2797	Off Position / Hors Position	09/12/2013	2
A-1	70.150	SQ2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M2778	Off Position / Hors Position	06/12/2013	2
A-1	70.150	SQ2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M524	Extinguished / Éteinte	10/03/2011	2
A-1	70.150	SQ2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M3229	Showing Improper Character / Caractéristiques Inexactes	11/12/2009	2
A-1	70.150	SQ2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M0405	Extinguished / Éteinte	08/03/2009	2
A-1	5056.800	S8	GDI 1.22m conique	GDI 1.22m Conical	M561	Off Position / Hors Position	01/04/2013	2
A-1	5056.800	S8	GDI 1.22m conique	GDI 1.22m Conical	M2529	Off Position / Hors Position	01/09/2011	2
A-1	5056.800	S8	GDI 1.22m conique	GDI 1.22m Conical	M1807	Off Position / Hors Position	04/07/2011	2
A-1	5074.900	S1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M523	Off Position / Hors Position	25/03/2013	2
A-1	5074.900	S1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M515	Off Position / Hors Position	23/03/2013	2
A-1	5074.900	S1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1392	Submerged / Submergée	19/06/2012	2
A-1	5074.900	S1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3095	Off Position / Hors Position	26/11/2009	2
A-1	58.700	S18	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2090	Extinguished / Éteinte	05/09/2013	2
A-1	58.700	S18	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1203	Extinguished / Éteinte	28/07/2011	2
A-1	18.200	XA8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2927	Off Position / Hors Position	29/10/2009	2
A-1	18.200	XA8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2787	Off Position / Hors Position	13/10/2009	2
A-1	18.200	XA8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1745		14/07/2009	2
A-1	52.550	SA	GDI 1.22m plate	GDI 1.22m Can	M143	Off Position / Hors Position	14/01/2013	2
A-1	52.550	SA	GDI 1.22m plate	GDI 1.22m Can	M3094	Extinguished / Éteinte	26/11/2009	2

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Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-1	73.250	SJ1	1.5m SB 98 plastique	1.5m SB 98 plastic	M523	Extinguished / Éteinte	10/03/2011	1
A-1	73.750	SJB	1.25m plastique plate	1.25m plastic Can	M2981	Reduced Intensity / Intensité réduite	19/10/2011	2
A-1	73.750	SJB	1.25m plastique plate	1.25m plastic Can	M3144	Extinguished / Éteinte	30/11/2009	2
A-1	73.750	SJB	1.25m plastique plate	1.25m plastic Can	M3022	Showing Improper Character / Caractéristiques Inexactes	16/11/2009	2
A-1	73.500	SJA	1.25m plastique plate	1.25m plastic Can	M2667/12	Showing Improper Character / Caractéristiques Inexactes	14/11/2012	1
A-1	73.500	SJA	1.25m plastique plate	1.25m plastic Can	M0982	Extinguished / Éteinte	07/05/2009	1
A-1	5090.400	KN4	GDI 0.9m conique	GDI 0.9m Conical	M170	Off Position / Hors Position	24/01/2012	3
A-1	5091.100	KP1	GDI 1.22m Tower	GDI 1.22m Tower	M202	Off Position / Hors Position	30/01/2012	3
A-1	5091.100	KP1	GDI 1.22m Tower	GDI 1.22m Tower	M0761	Off Position / Hors Position	27/04/2009	3
A-1	5091.100	KP1	GDI 1.22m Tower	GDI 1.22m Tower	M3277	Off Position / Hors Position	10/12/2008	3
A-1	5096.400	KT4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1419	Off Position / Hors Position	16/06/2009	3
A-1	5171.100	MP1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M254	Off Position / Hors Position	07/02/2013	3
A-1	5171.200	MP2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M255	Off Position / Hors Position	07/02/2013	3
A-1	5171.300	MP3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M256	Off Position / Hors Position	07/02/2013	3
A-1	5171.500	MP5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M253	Off Position / Hors Position	07/02/2013	3
A-1	5173.800	MP8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0079	Off Position / Hors Position	05/01/2009	3

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-1	SQ	70	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	28	40	Sealite Trident-1400	Cast-Iron/fonte	1500	28	40
A-1	UP2	51.5	1.4m Buoy / 1.4m bouée	Concrete / béton	1814	227	26	55	Sealite Trident-1400	Cast-Iron/fonte	1134	26	55
A-1	XK11	19.3	1.4m Buoy / 1.4m bouée	Concrete / béton	1814	227	28	18	GDI 1.5m Skirt	Cast-Iron/fonte	1000	28	18
A-1	XM3	21	1.4m Buoy / 1.4m bouée	Concrete / béton	1814	227	26	27	GDI 1.5m Skirt	Cast-Iron/fonte	1134	26	27

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-1	17.500	XA7	Red Head light buoy XA7	4124	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	5.50	44º 38' 30.77"	66º 49' 1.64"	4000	lb	Concrete	18	28	Chain	2016	3	2
A-1	18.200	XA8	Joe's Point light buoy XA8	4124	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	5.00	44º 38' 24.2"	66º 48' 47.4"	2000	lb	Concrete	27	26	Chain	2015	3	2
A-1	19.000	XK7	Ox Head Ledges light Buoy XK7	4342	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	7.30	44º 38' 18.2"	66º 45' 53.46"	2500	lb	Serrated	27	26	Chain	2016	3	1
A-1	19.300	XK11	Grand Harbour Middle light buoy XK11	4342	Night	1.4m Buoy	1811	Steel	Green	Year Round	3.00	44º 39' 27.83"	66º 45' 10.9"	4000	lb	Concrete	18	28	Chain	2016	3	2
A-1	20.000	XN2	Sand Bar Ledge light buoy XN2	4342	Night	SB 285		Plastic	Red	Year Round	6.40	44º 38' .12"	66º 44' 33.66"	4000	lb	Serrated	27	28	Chain	2016	3	1
A-1	21.000	XM3	White Head Ledge light buoy XM3	4340	Night	1.4m Buoy	1811	Steel	Green	Year Round	8.20	44º 37' 44.629"	66º 43' 59.132"	4000	lb	Concrete	27	26	Chain	2016	3	1
A-1	45.000	UT2	Leonardville Harbour Entrance light buoy UT2	4114	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	8.20	44º 58' 6"	66º 57' 10"	2500	lb	Serrated	27	20	Chain	2015	3	2
A-1	51.500	UP2	Hospital Island Ledge light buoy UP2	4114	Night	1.4m Buoy	1811	Steel	Red	Year Round	10.00	44º 58' 53"	66º 54' 57.3"	4000	lb	Concrete	55	26	Chain	2015	3	2
A-1	52.250	UP7	Richardson Wharf light Buoy UP 7	4124	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	7.30	44º 59' 43"	66º 56' 35"	1250	lb	Serrated	18	20	Chain	2015	3	3
A-1	52.550	SA	North Rock Isolated Danger Light Buoy SA	4124	Night	GDI 1.22m Can		Plastic	Black-red-black	Year Round	2.00	44º 59' 55.98"	66º 52' 43.98"	1500	lb	Serrated	28	26	Chain	2016	3	2
A-1	55.000	SH10	Simpson Head Light Buoy SH10	4124	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	9.10	45º 0' 6.8"	66º 56' 22"	2000	lb	Concrete	18	20	Chain	2015	3	2
A-1	58.600	S16	Oak Point light buoy S16	4115	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal (in place year round)	5.50	45º 9' 51"	67º 9' 38"	1250	lb	Serrated	13	26	Chain	2017	3	2
A-1	58.700	S18	Spruce Point light spar S18	4115	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal (in place year round)	6.70	45º 10' 0"	67º 11' 30"	2000	lb	Concrete	18	26	Chain	2017	3	2
A-1	63.000	SY4	Niger Reef light spar SY4	4115	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	4.20	45º 4' 13.774"	67º 4' 23.961"	2500	lb	Serrated	18	26	Chain	2016	3	3
A-1	70.000	SQ	Letete light buoy SQ	4124	Night	1.4m Buoy	1811	Steel	Red-white	Year Round	22.90	45º 2' 52.97"	66º 54' 7.14"	2500	lb	Serrated	40	28	Chain	2016	3	2
A-1	70.150	SQ2	Letete Outer Light Buoy SQ2	4124	Night	SB-138 plastic(Tideland)		Plastic	Red	Year Round	7.30	45º 2' 48.27"	66º 54' .44"	4000	lb	Concrete	27	28	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-1	70.250	SQ3	Letete Inner Lighted Spar SQ3	4124	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.00	45º 3' 0"	66º 53' 57.4"	2000	lb	Concrete	13	26	Chain	2017	3	2
A-1	72.100	SE8	Leavitts Light Buoy SE8	4124	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Year Round	3.70	45º 3' 18.27"	66º 51' 43.94"	2000	lb	Concrete	18	16	Chain	2016	3	3
A-1	72.500	SE2	Califf Rock light buoy SE2	4124	Night	1.25m plastic con		Plastic	Red	Year Round	18.00	45º 1' 52.74"	66º 52' 21.936"	2500	lb	Serrated	40	26	Chain	2016	3	2
A-1	73.250	SJ1	Parker Island Light Buoy SJ1	4124	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	6.00	45º 2' 10.7"	66º 54' 54.36"	2000	lb	Concrete	18	28	Chain	2017	3	1
A-1	73.500	SJA	Parker Island Isolated Danger Light Buoy SJA	4124	Night	1.25m plastic can		Plastic	Black-red-black	Year Round	5.50	45º 2' 9.9"	66º 55' 7.32"	2500	lb	Serrated	18	26	Chain	2016	3	1
A-1	73.750	SJB	Jameson Island Isolated Danger Light Buoy SJB	4124	Night	1.25m plastic can		Plastic	Black-red-black	Year Round	8.60	45º 2' 10.02"	66º 55' 18.48"	2500		Serrated	14	26	Chain	2016	3	2
A-1	74.200	SJ2	Macks Ledge light buoy SJ2	4124	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	2.40	45º 2' 11.82"	66º 55' 24.24"	2500	lb	Serrated	18	26	Chain	2015	3	1
A-1	75.320	SQ4	Little Letete Passage Light Buoy SQ4	4124	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.30	45º 2' 57.77"	66º 53' 53.24"	2000	lb	Concrete	13	26	Chain	2016	3	2
A-1	75.430	SJ4	New Ireland Ledge light buoy SJ4	4124	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	6.00	45º 2' 3.24"	66º 56' .72"	2500	lb	Serrated	18	26	Chain	2016	3	2
A-1	5007.100	XA6	Big Wood Island XA6	4124	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	4.60	44º 37' 58.5"	66º 49' 55"	2000	lb	Concrete	18	26	Chain	2016	3	3
A-1	5007.800	XA4	Green Island XA4	4124	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.90	44º 36' 20"	66º 51' 1"	2000	lb	Concrete	27	20	Chain	2016	3	3
A-1	5008.300	XE	Green Island XE	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	12.80	44º 35' 54"	66º 50' 20.2"	1500	lb	Serrated	41	20	Chain	2016	3	3
A-1	5010.200	XK2	Brazil Ledge XK2	4340	Unlit	1.5m SB 98 plastic	261	Plastic	Red	Year Round	10.00	44º 35' 51.622"	66º 41' 50.119"	4000	lb	Concrete	37	26	Chain	2016	3	2
A-1	5010.600	XK6	Whitehead West XK6	4340	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	11.00	44º 37' 47.04"	66º 45' 9.118"	2000	lb	Concrete	20	26	Chain	2016	3	3
A-1	5019.100	XK9	Grand Harbour Outer XK9	4342	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	44º 39' 9.33"	66º 45' 20.9"	1250	lb	Serrated	18	26	Chain	2016	3	3
A-1	5021.200	XM2	Pumpkin Island XM2	4340	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.30	44º 36' 42.628"	66º 43' 21.109"	1500	lb	Serrated	27	20	Chain	2016	3	3
A-1	5027.100	XP1	Halibut Rock XP1	4340	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Year Round	11.00	44º 37' 11.625"	66º 41' 3.13"	4000	lb	Concrete	36	26	Chain	2016	3	1

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-1	5028.200	XP6	Great Duck Island XP6	4340	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.30	44º 40' 35.633"	66º 42' 5.118"	2000	lb	Concrete	36	20	Chain	2016	3	3
A-1	5028.700	XP7	Andy Ledge XP7	4340	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	44º 40' 48.625"	66º 42' 33.124"	2000	lb	Concrete	27	20	Chain	2016	3	3
A-1	5029.200	XT	Low Duck Island South XT	4340	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	5.50	44º 41' 56.631"	66º 42' 21.113"	1500	lb	Serrated	18	26	Chain	2016	3	3
A-1	5029.300	XU	Low Duck Island East Cardinal Buoy XU	4340	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Year Round	11.00	44º 42' 43.621"	66º 42' 9.131"	1500		Serrated	36	26	Chain	2016	3	2
A-1	5029.500	XV1	Half Tide Rock XV1	4340	Unlit	SB-138 plastic(Tideland)		Plastic	Green	Year Round	36.60	44º 43' 24.63"	66º 42' 16.62"	4000	lb	Concrete	69	26	Chain	2016	3	3
A-1	5029.700	XV3	Long Island XV3	4342	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	16.00	44º 44' 24.33"	66º 43' 19.2"	4000	lb	Concrete	41	26	Chain	2016	3	2
A-1	5031.500	XV	Long Island North Cardinal Spar Buoy XV	4342	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow	Year Round	12.80	44º 44' 25.33"	66º 43' 53.9"	2000	lb	Concrete	41	20	Chain	2016	3	3
A-1	5039.800	UA2	Gooseberry Ledge UA2	4114	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	44º 49' 48.5"	66º 57' 16"	1500	lb	Serrated	18	20	Chain	2015	3	3
A-1	5040.010	UE1	Mill Cove Road UE1	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	44º 56' 40"	66º 54' 2"	2000	lb	Concrete	18	20	Chain	2015	3	3
A-1	5040.100	UD	Mill Cove UD	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Year Round	12.80	44º 56' 12.29"	66º 53' 54"	1250	lb	Serrated	37	20	Chain	2015	3	3
A-1	5040.200	UE	Birch Island West UE	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black-yellow	Year Round	4.50	44º 56' 59.1"	66º 54' 28.8"	1250	lb	Serrated	18	20	Chain	2015	3	3
A-1	5040.300	UE3	Fancy Rock UE3	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	44º 56' 52.5"	66º 54' 27.5"	2000	lb	Concrete	27	20	Chain	2015	3	3
A-1	5043.110	UJ5	McEwens Point Inner UJ5	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	1.80	44º 56' 55.2"	66º 54' 43"	2000	lb	Concrete	15	26	Chain	2015	3	3
A-1	5043.700	UJ1	McEwens Point Outer UJ1	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	4.60	44º 56' 59"	66º 54' 37.3"	2000	lb	Concrete	27	20	Chain	2015	3	3
A-1	5043.900	UJ3	McEwens Point Middle UJ3	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.60	44º 56' 57.1"	66º 54' 40.2"	2000	lb	Concrete	15	20	Chain	2015	3	3
A-1	5051.100	UP6	Northwest Harbour East Entrance UP6	4114	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	44º 59' 15.5"	66º 56' 45"	2000	lb	Concrete	18	20	Chain	2015	3	3
A-1	5051.200	UP2/2	St. Helena Ledge Buoy UP2/2	4114	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round		44º 59' 11.64"	66º 56' 7.86"	2500	lb	Serrated	41	26	Chain	2015	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-1	5051.700	UPA	Dinner Island Ledge East UPA	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Year Round	7.90	44º 58' 57"	66º 56' 14.7"	2000	lb	Concrete	27	20	Chain	2015	3	3
A-1	5051.800	UP4	Northwest Harbour Ledge UP4	4114	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.00	44º 59' 10"	66º 56' 42"	2000	lb	Concrete	27	20	Chain	2015	3	3
A-1	5052.100	UA	Halibut Rock North UA	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow	Year Round	7.30	44º 57' 19"	66º 56' 37.5"	1250	lb	Serrated	27	20	Chain	2015	3	3
A-1	5052.110	UX1	Harbour Delute UX1	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	44º 54' 56"	66º 55' 39"	2000	lb	Concrete	18	20	Chain	2015	3	3
A-1	5052.200	US2	Net Ledge US2	4114	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.40	44º 58' 50"	66º 56' 39.5"	1000	lb	Concrete	18	16	Chain	2016	3	3
A-1	5052.300	UB	Halibut Rock South UB	4114	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	5.50	44º 57' 6.1002"	66º 56' 45"	1500	lb	Serrated	27	26	Chain	2015	3	2
A-1	5052.500	UVA	Bean Ledge South UVA	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	7.30	44º 59' 38.8"	66º 55' 29.8"	1500	lb	Serrated	18	20	Chain	2015	3	3
A-1	5052.700	UVB	Bean Ledge East UVB	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Year Round	7.30	44º 59' 45.27"	66º 55' 23.94"	1500	lb	Serrated	18	20	Chain	2015	3	3
A-1	5052.900	UVC	Bean Ledge North UVC	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Year Round	8.30	44º 59' 57.27"	66º 55' 18.94"	1500	lb	Serrated	27	20	Chain	2015	3	3
A-1	5056.200	S4	Chambers Rock S4	4124	Unlit	0.75m SB 105 Conical	52	Plastic	Red	Year Round	10.00	45º 2' 37.77"	66º 53' 47.94"	1250	lb	Serrated	36	20	Chain	2015	3	3
A-1	5056.800	S8	Thumcap S8	4124	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	9.00	45º 2' 58.27"	66º 54' 19.94"	4000	lb	Concrete	27	20	Chain	2016	3	2
A-1	5058.100	S20	Marks Point S20	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.50	45º 10' 9.733"	67º 12' 32.88"	500	lb	Concrete	13	16	Chain	2016	3	2
A-1	5058.120	S22	Yellow Rock S22	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.70	45º 10' 2.454"	67º 12' 56.829"	500	lb	Concrete	13	16	Chain	2016	3	2
A-1	5058.140	S24	Hills Point East S24	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.70	45º 9' 49.5"	67º 13' 25"	500	lb	Concrete	13	16	Chain	2016	3	2
A-1	5058.160	S26	Hills Point West S26	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.70	45º 9' 53.268"	67º 13' 41.984"	500	lb	Concrete	13	16	Chain	2017	3	2
A-1	5058.180	S28	Hannah Point S28	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	45º 10' 21"	67º 14' 27"	500	lb	Concrete	13	16	Chain	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-1	5058.200	S30	Williams Point S30	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	0.90	45º 10' 58.264"	67º 15' 11.992"	500	lb	Concrete	13	16	Chain	2017	3	2
A-1	5058.220	S32	Crockers Island S32	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	0.90	45º 11' 13"	67º 15' 39"	500	lb	Concrete	13	16	Chain	2017	3	2
A-1	5058.240	S34	Hospital Ledge S34	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	0.90	45º 11' 27.814"	67º 16' 9.11"	500	lb	Concrete	13	16	Chain	2017	3	2
A-1	5058.800	S18/2	Brays Point S18/2	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.50	45º 10' 14"	67º 11' 58"	500	lb	Concrete	13	16	Chain	2016	3	2
A-1	5065.100	SX1	St. Andrews Island SX1	4115	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	3.60	45º 3' 8.08"	67º 2' 20.954"	2000	lb	Concrete	13	26	Chain	2016	3	3
A-1	5065.200	SX2	Tongue Shoal SX2	4115	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	7.50	45º 3' 39.281"	67º 0' 33.457"	2000	lb	Concrete	27	26	Chain	2016	3	3
A-1	5066.100	SX10	St. Andrews East Middle SX10	4115	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	3.00	45º 4' .278"	67º 2' 46.459"	2000	lb	Concrete	13	26	Chain	2016	3	3
A-1	5066.110	SX11	St. Andrews East Middle SX11	4115	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	4.40	45º 4' 2.708"	67º 2' 54.835"	1250	lb	Serrated	18	26	Chain	2016	3	3
A-1	5066.400	SX4	Short Bay SX4	4115	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	3.00	45º 3' 47.345"	67º 1' 44.447"	1500	lb	Serrated	18	26	Chain	2016	3	3
A-1	5066.500	SX5	St. Andrews East Entrance SX5	4115	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	5.50	45º 3' 43.972"	67º 2' 10.167"	2000	lb	Concrete	27	26	Chain	2016	3	3
A-1	5066.700	SX7	St. Andrews East Outer SX7	4115	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	3.60	45º 3' 51.419"	67º 2' 35.532"	2000	lb	Concrete	13	26	Chain	2016	3	3
A-1	5066.800	SX8	St. Andrews East Outer SX8	4115	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	3.70	45º 3' 53.044"	67º 2' 34.57"	2000	lb	Concrete	13	26	Chain	2016	3	3
A-1	5067.200	SY2	Niger Reef SY2	4115	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	4.80	45º 3' 56.574"	67º 4' 34.204"	1250	lb	Serrated	27	26	Chain	2016	3	3
A-1	5067.600	SY6	St. Andrews West Middle SY6	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	45º 4' 13.794"	67º 3' 51.279"	500	lb	Concrete	13	16	Chain	2016	3	3
A-1	5067.800	SY8	St. Andrews West Inner SY8	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.30	45º 4' 13.799"	67º 3' 35.509"	500	lb	Concrete	13	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-1	5070.100	SD2	Eagle Island SD2	4124	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	27.40	45º 1' 30.27"	66º 52' 13.94"	1250	lb	Serrated	55	20	Chain	2015	3	2
A-1	5070.700	SA3	Man of War West SA3	4124	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	26.00	45º 1' 40"	66º 50' 52"	4000	lb	Concrete	46	20	Chain	2015	3	2
A-1	5070.900	SA5	Man of War East SA5	4124	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	22.00	45º 1' 49.9"	66º 50' 41.1"	4000	lb	Concrete	55	26	Chain	2015	3	2
A-1	5072.120	SHA	Hardwood Island SHA	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Year Round	16.00	45º 1' 0"	66º 54' 56.8"	1500	lb	Serrated	42	20	Chain	2015	3	3
A-1	5072.140	SHB	Mackerel Rock SHB	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Year Round	15.00	45º 0' 49.8"	66º 55' 4.5"	1500	lb	Serrated	54	20	Chain	2015	3	3
A-1	5072.160	SHC	Lambertville North SHC	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Year Round	5.50	45º 0' 38.27"	66º 56' 4.94"	1500	lb	Serrated	18	20	Chain	2015	3	3
A-1	5072.180	SH8	Lambertville South SH8	4124	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	11.90	45º 0' 26.27"	66º 56' 10.94"	2000	lb	Concrete	27	20	Chain	2015	3	3
A-1	5072.600	SE4	Back Bay SE4	4124	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	11.00	45º 2' 8.27"	66º 52' 15.94"	2500	lb	Serrated	18	20	Chain	2015	3	3
A-1	5072.700	SE5	Back Bay Ledge SE5	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	8.20	45º 3' 8.27"	66º 51' 39.94"	1500	lb	Serrated	27	20	Chain	2015	3	3
A-1	5074.900	S1	Adam Island Spar BuoyS1	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	23.10	45º 0' 52.2"	66º 53' 20.1"	1250	lb	Serrated	41	20	Chain	2015	3	2
A-1	5075.100	SM4	Dicks Wharf SM4	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.80	45º 6' 28.998"	66º 53' 45.3"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.110	SM5	Dewars Point SM5	4115	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	45º 6' 36.84"	66º 53' 44.76"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.120	SM6	Dicks Ledge SM6	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	45º 6' 32.4"	66º 53' 20.94"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.130	SM7	Middle Shoal SM7	4115	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	45º 6' 40.311"	66º 53' 17.797"	500	lb	Concrete	18	16	Chain	2017	3	3
A-1	5075.140	SM8	Mckenzie Bar SM8	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.30	45º 6' 49.152"	66º 53' 5.55"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.150	SM9	Middle Ground SM9	4115	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	45º 6' 51.627"	66º 53' 1.862"	500	lb	Concrete	13	16	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-1	5075.160	SM10	Grearsons Ledge SM10	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.10	45º 7' 13.86"	66º 52' 18.48"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.180	SM12	Grearsons Ledge SM12	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	45º 7' 21.54"	66º 52' 18"	500	lb	Concrete	13	16	Chain	2016	3	3
A-1	5075.182	SM12/2	Magagadavic Red Spar SM12/2	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	45º 7' 23.16"	66º 52' 12.12"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.190	SM13	Manns Bay SM13	4115	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.50	45º 7' 18.566"	66º 51' 49.182"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.194	SM14	Seeley Head SM14	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.40	45º 7' 15.6"	66º 51' 1.8"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.195	SM15	Shipyard Point SM15	4115	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.40	45º 7' 18"	66º 50' 2"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.197	SM15/5	Durham's Ledge Spar SM15/5	4115-I	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.50	45º 7' 24.24"	66º 49' 49.62"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.200	SK2	New Lid Ledge SK2	4124	Unlit	1.2m Coastal Conical		Steel	Red	Year Round	11.00	45º 1' 40.4"	66º 54' 25"	1250	lb	Serrated	27	26	Chain	2015	3	3
A-1	5075.210	SM17	New Channel Entrance SM17	4116	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	45º 7' 34.92"	66º 49' 30.3"	500	lb	Concrete	13	16	Chain	2017	3	3
A-1	5075.390	SU3	Chamcook SU3	4115	Unlit	0.75m SB 105 Can	52	Plastic	Green	Year Round	3.00	45º 7' 12.168"	67º 2' 45.955"	2000	lb	Concrete	13	20	Chain	2017	3	3
A-1	5075.400	SU4	Chamcook Channel SU4	4115	Unlit	0.75m SB 105 Conical	52	Plastic	Red	Year Round	3.00	45º 7' 15.178"	67º 2' 46.953"	2000	lb	Concrete	13	20	Chain	2017	3	3
A-1	5075.420	SV	Pagan Point East SV	4115	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Black-yellow-black	Year Round	4.60	45º 4' 11.279"	67º 1' 13.458"	2000	lb	Concrete	13	26	Chain	2016	3	3
A-1	5075.800	SM2	Midjik Bluff SM2	4115	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.50	45º 6' 59.67"	66º 54' 23.927"	1000	lb	Concrete	18	16	Chain	2017	3	3
A-1	5076.000	SA2	Bliss Island Spar SA2	4124	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	11.00	45º 1' 2.9"	66º 51' 13.4"	2000	lb	Concrete	27	26	Chain	2015	3	3
A-1	5078.300	KA3	Mink Island KA3	4124	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Year Round	22.00	45º 2' 20.27"	66º 49' 11.94"	2000	lb	Concrete	41	20	Chain	2016	3	3
A-1	5078.400	KA4	Blacks Harbour Outer KA4	4124	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.70	45º 2' 56.27"	66º 48' 17.94"	2000	lb	Concrete	18	26	Chain	2016	3	3
A-1	5078.500	KA5	Blacks Harbour Middle KA5	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	45º 3' 1.5"	66º 48' 24"	2000	lb	Concrete	18	26	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-1	5078.700	KA7	Blacks Harbour Inner KA7	4124	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	45º 3' 7"	66º 48' 7"	2000	lb	Concrete	18	26	Chain	2016	3	3
A-1	5079.200	KD2	Deadman Head KD2	4124	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	27.70	45º 2' 12.5"	66º 47' 25"	2000	lb	Concrete	55	20	Chain	2016	3	3
A-1	5080.200	KE2	Beaver Harbour KE2	4116	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.40	45º 3' 52.5"	66º 43' 47"	2000	lb	Concrete	41	20	Chain	2016	3	3
A-1	5080.300	KE3	Wright Bluff KE3	4116	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.00	45º 4' 6"	66º 44' 3"	2000	lb	Concrete	27	20	Chain	2019	5	3
A-1	5080.500	KE5	Calder Ledge KE5	4116	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	45º 3' 59"	66º 43' 28"	2000	lb	Concrete	27	20	Chain	2019	5	3
A-1	5080.600	KE6	Pollock Rock KE6	4116	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.80	45º 4' 7.5"	66º 43' 24"	2000	lb	Concrete	27	20	Chain	2019	5	3
A-1	5087.200	KJA	Stay Point KJA	4116	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	7.30	45º 7' 12"	66º 30' 18"	2000	lb	Concrete	27	20	Chain	2019	5	3
A-1	5090.200	KN2	Campbell's Point KN2	4116	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.60	45º 5' 31"	66º 24' 34.4"	1250	lb	Serrated	27	20	Chain	2019	5	3
A-1	5090.400	KN4	Dry Rock KN4	4116	Unlit	GDI 0.9m Conical		Plastic	Red	Year Round	1.80	45º 5' 47.3"	66º 25' .9"	2000	lb	Concrete	15	26	Chain	2019	5	3
A-1	5091.100	KP1	Alice Rogers KP1	4116	Unlit	GDI 1.22m Tower		Plastic	Green	Year Round	27.40	45º 6' 13.3"	66º 21' 19.9"	2500	lb	Serrated	55	26	Chain	2019	5	3
A-1	5092.100	KS1	Chance Harbour KS1	4116	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	12.80	45º 7' 7.3"	66º 20' 36.9"	2000	lb	Concrete	41	26	Chain	2019	5	3
A-1	5092.500	KS3	Mawhinney Rock KS3	4116	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.10	45º 7' 28.26"	66º 20' 42"	2000	lb	Concrete	18	26	Chain	2019	5	3
A-1	5096.100	KT10	Musquash River KT10	4116	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.30	45º 10' 24.8"	66º 14' 25.4"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5096.110	KT11	Musquash River KT11	4116	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	45º 10' 35.3"	66º 14' 31.4"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5096.120	KT12	Musquash River KT12	4116	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	45º 10' 46.3"	66º 14' 33.9"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5096.140	KT14	Musquash River KT14	4116	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.30	45º 10' 58.3"	66º 14' 45.2"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5096.150	KT15	Musquash River KT15	4116	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	45º 11' .3"	66º 15' 3"	500	lb	Concrete	13	16	Chain	2019	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-1	5096.160	KT16	Musquash River KT16	4116	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.00	45º 11' 2.8"	66º 15' 7"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5096.400	KT4	Musquash Ledges KT4	4116	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	45º 9' 42.3"	66º 14' 38.7"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5096.500	KT5	Musquash River Entrance KT5	4116	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	45º 9' 56.3"	66º 14' 34.5"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5096.600	KT6	Musquash River Entrance KT6	4116	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	45º 9' 55.3"	66º 14' 31.9"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5096.700	KT7	Musquash River KT7	4116	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	45º 10' 9"	66º 14' 30"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5096.800	KT8	Musquash River KT8	4116	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.30	45º 10' 14.5"	66º 14' 26"	500	lb	Concrete	13	16	Chain	2019	5	3
A-1	5097.300	JA3	Reids Rock JA3	4117	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.60	45º 11' 36.8"	66º 8' 41"	2000	lb	Concrete	18	26	Chain	2019	5	3

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Lower Saint John River		
Contract Area no.:	A-2		
Province(s):	New Brunswick		
Contract Area Description:	Includes the area of the Saint John River between the Mactaquac Dam and Evandale, including Grand Lake.		
Material Transportation & Storage:	Material storage by: Contractor Off season lantern storage by: Contractor		Material Transportation by: Canadian Coast Guard
Coast Guard Depot:	Saint John, NB		
Commissioning date:	July 1st, see Comment		
Decommissioning date:	October 15th		
Total no. of buoys:	85		
Max. buoy size(m) diameter :	0.7 m		
Maximum anchor size (weight (kg)):	681		
Maximum buoy weight (kg) :	1923		
Maximum water depth (m) :	13		
Operational Season:	July 1st to October 15th, see Comment		
Overview of work activities:	<p>1 buoy is 'year round', 61 buoys are 'seasonal in-place year round' and 23 are 'seasonal buoys'. 10 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Decommissioning work includes removal of lanterns from year round buoy. The work also includes planned cyclical mooring replacement every 5 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.</p>		
Comment:	<p>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule. Buoys should be placed as soon as spring freshet is over which may be earlier than July 1st.</p>		

Contract Area name:	Lower Saint John River
Contract Area no.:	A-2

Transitioning from current contract structure and schedule to new contract structure and schedule

There is an existing contract in place for this Contract Area.

The new contract will start on July 2nd, 2016.

Note that in the costing submission, prices should only be provided for the years 2016-2017, 2017 -2018 2018-2019 and the option year, 2019-2020.

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-2	114.500	JE2	Rowans Point light buoy JE2	4141-1	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	6.40	45º 16' 15.42"	66º 5' 18.66"	1000	lb	Concrete	9	16	Chain	2016	3	3
A-2	116.300	JK1	Ketepec JK1	4141-1	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.00	45º 16' 55.8"	66º 9' 17.4"	500	lb	Concrete	6	16	Chain	2016	3	3
A-2	116.500	AM2	Brothers Cove light buoy AM2	4141-1	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.30	45º 18' 22.26"	66º 6' 36.92"	500	lb	Concrete	9	16	Chain	2016	3	2
A-2	118.000	AM3	Red Rock light buoy AM3	4141-1	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	5.50	45º 18' 30.26"	66º 6' 16.92"	1000	lb	Concrete	9	20	Chain	2016	3	3
A-2	118.300	AP1	Rothestay light buoy AP1	4141-1	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	4.90	45º 23' 40.27"	66º 0' 17.82"	1000	lb	Concrete	9	16	Chain	2016	3	3
A-2	120.500	J25	Brandy Point light buoy J25	4141-2	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	5.50	45º 19' 55.26"	66º 11' 12.93"	1500	lb	Serrated	18	26	Chain	2016	3	3
A-2	122.100	J38	Purdy Point light buoy J38	4141-2	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	13.00	45º 22' 37.75"	66º 12' 37.93"	1250	lb	Serrated	14	20	Chain	2016	3	3
A-2	122.400	J41	Victoria Beach light buoy J41	4141-2	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	3.30	45º 25' 45.66"	66º 10' 3.93"	1000	lb	Concrete	9	20	Chain	2016	3	3
A-2	123.000	JP	Catons Island bifurcation light buoy JP	4141-2	Night	0.6m SB 60 Spar Can PI		Plastic	Green-red-green	Seasonal (in place year round)	4.30	45º 27' 55.25"	66º 6' 38.92"	1000	lb	Concrete	18	20	Chain	2016	3	3
A-2	124.500	J48	Isle Of Pines light buoy J48	4141-2	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	4.60	45º 29' 5.15"	66º 5' 2.82"	1000	lb	Concrete	12	20	Chain	2016	3	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-2	5115.500	JE1	Rowans Point JE1	4141-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.60	45º 16' 15.9"	66º 5' 19.26"	1000	lb	Concrete	9	16	Chain	2018	5	3
A-2	5116.100	AM1	Indian Island AM1	4141-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.30	45º 18' 25.26"	66º 6' 49.92"	500	lb	Concrete	9	16	Chain	2017	5	3
A-2	5116.120	AM6	Brothers Cove AM6	4141-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45º 18' 15.18"	66º 6' 22.02"	500	lb	Concrete	9	16	Chain	2017	5	3
A-2	5116.160	AT	Millidgeville AT	4141-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-red-black	Seasonal (in place year round)	4.30	45º 18' 21.01"	66º 6' 15.53"	500	lb	Concrete	9	16	Chain	2017	5	3
A-2	5116.600	AM4	Brothers Cove AM4	4141-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.30	45º 18' 19.25"	66º 6' 26.92"	500	lb	Concrete	9	16	Chain	2017	5	3
A-2	5116.700	AM5	Brothers Cove AM5	4141-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.30	45º 18' 18.76"	66º 6' 23.44"	500	lb	Concrete	9	16	Chain	2017	5	3
A-2	5117.000	AD	Drury Cove Isolated Danger Buoy AD	4141-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-red-black	Seasonal (in place year round)	3.70	45º 20' 12.66"	66º 2' 21.6"	500	lb	Steel Block	9	16	Chain	2017	5	3
A-2	5117.100	AD1	Drury Cove AD1	4141-1	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal (in place year round)	3.30	45º 20' 2.26"	66º 2' 17.94"	500	lb	Concrete	6	16	Chain	2017	5	3
A-2	5117.200	AD2	Drury Cove AD2	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal (in place year round)	3.10	45º 20' .7"	66º 2' 19.1"	500	lb	Concrete	6	16	Chain	2017	5	3
A-2	5118.420	AP2	Rothesay Rock AP2	4141-1	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	4.30	45º 23' 32.15"	66º 0' 15.91"	1000	lb	Concrete	9	20	Chain	2017	5	3

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-2	5118.608	A8	Troop Reef A8	4141-1	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	4.60	45º 23' .26"	66º 0' 43.45"	1000	lb	Concrete	21	20	Chain	2017	5	3
A-2	5118.610	A10	Fairvale Reef A10	4141-1	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	5.20	45º 24' 28.76"	66º 0' 35.42"	1250	lb	Serrated	21	20	Chain	2017	5	3
A-2	5118.670	AA	Moss Glen Cautionary Buoy AA	4141-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Seasonal (in place year round)	3.00	45º 25' 34.5"	66º 1' 36"	500	lb	Concrete	6	16	Chain	2017	5	3
A-2	5118.713	A13	Hampton Marsh Entrance A13	4141-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.40	45º 28' 29.26"	65º 57' 4.94"	500	lb	Concrete	6	16	Chain	2017	5	3
A-2	5118.714	A14	Hampton Marsh Entrance A14	4141-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.70	45º 28' 25.6"	65º 57' .6"	500	lb	Concrete	6	16	Chain	2017	5	3
A-2	5118.716	A16	Hampton Marsh A16	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 28' 30.26"	65º 56' 51.94"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.717	A17	Hampton Marsh A17	4141-1	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.40	45º 28' 37.76"	65º 56' 45.1"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.718	A18	Hampton Marsh A18	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 28' 34.9"	65º 56' 44.94"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.719	A19	Hampton Marsh A19	4141-1	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 28' 41.5"	65º 56' 40.9"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.720	A20	Hampton Marsh A20	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.40	45º 28' 44.9"	65º 56' 38.9"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.722	A22	Hampton Marsh A22	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 28' 47.4"	65º 56' 36.4"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.724	A24	Hampton Marsh A24	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 28' 52.44"	65º 56' 29.94"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.725	A25	Hampton Marsh A25	4141-1	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 28' 55.26"	65º 56' 27.3"	75	lb	Concrete	6	10	Chain	0	5	3

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-2	5118.726	A26	Hampton Marsh A26	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 28' 55.1"	65º 56' 25.7"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.727	A27	Hampton Marsh A27	4141-1	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.30	45º 28' 56.7"	65º 56' 24.4"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.728	A28	Hampton Marsh A28	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.40	45º 28' 59"	65º 56' 22.1"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.729	A25/5	Hampton Marsh Green Spar A25/5	4141	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.70	45º 28' 52.8"	65º 56' 30.6"	75	lb	Concrete	6	10	Chain	2019	5	3
A-2	5118.730	A30	Hampton Marsh A30	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 29' 4.3"	65º 56' 16.2"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5118.732	A32	Hampton Marsh A32	4141-1	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 29' 8"	65º 56' 11"	75	lb	Concrete	6	10	Chain	0	5	3
A-2	5119.020	JN2	Man Of War Rocks SW Spar JN2	4141-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.30	45º 19' 45.5"	66º 9' 9"	500	lb	Concrete	9	16	Chain	2018	5	3
A-2	5119.022	JN4	Man of War Rock NE Spar JN4	4141-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.40	45º 19' 53"	66º 8' 57"	500	lb	Concrete	9	16	Chain	2017	5	3
A-2	5119.030	JN3	Man Of War Rocks Spar Buoy JN3	4141-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.00	45º 19' 53.1"	66º 9' 9.36"	500	lb	Concrete	9	16	Chain	2019	5	3
A-2	5119.400	JN6	Milkish Channel JN6	4141-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.60	45º 20' 22.26"	66º 7' 23.72"	500	lb	Concrete	9	16	Chain	2017	5	3
A-2	5121.270	J29	Westfield J29	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.50	45º 20' 50.26"	66º 13' 15.94"	500	lb	Concrete	12	16	Chain	2016	5	3
A-2	5121.280	J28	Harding Lump J28	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.90	45º 20' 53.25"	66º 12' 55.93"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5121.310	J31	Nerepis Shoals J31	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.70	45º 21' 32.25"	66º 13' 45.93"	500	lb	Concrete	9	16	Chain	2016	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-2	5121.340	J34	Days Landing South J34	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	6.40	45º 21' 58.76"	66º 13' 5.94"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5122.101	JP1	Colins Point South JP1	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.10	45º 28' 29.75"	66º 6' 57.42"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5122.103	JP3	Colins Point JP3	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.30	45º 28' 43.75"	66º 7' 1.42"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5122.106	JP4	Catons Island Bar JP4	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	7.60	45º 28' 52.95"	66º 6' 59.93"	500	lb	Concrete	12	16	Chain	2016	5	3
A-2	5122.108	JP6	Glenwood S.W. JP6	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.60	45º 29' 17.75"	66º 6' 27.02"	500	lb	Concrete	9	16	Chain	2015	5	3
A-2	5122.390	J39	Craigs Point J39	4141-2	Unlit	0.7m Ice Can	1923	Plastic	Green	Seasonal (in place year round)	12.10	45º 23' 20.85"	66º 12' 9.42"	1000	lb	Concrete	18	16	Chain	2015	5	3
A-2	5122.410	J40	Carter Point J40	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.20	45º 23' 37.25"	66º 11' 29.93"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5122.420	J42	Beesley's Point J42	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	6.70	45º 27' 2.77"	66º 7' 32.94"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5123.460	J46	Whelpey's Point J46	4141	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	45º 28' 7.5"	66º 5' 57.3"	500	lb	Concrete	6	16	Chain	2016	5	3
A-2	5123.490	J47	Rocky Island South J47	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.30	45º 28' 59.26"	66º 5' 28.92"	500	lb	Concrete	12	16	Chain	2016	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-2	5126.500	J50	Isle Of Pines East Head J50	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.20	45º 29' 43.26"	66º 4' 39.92"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5126.540	J54	Rush Island East Upper J54	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	6.00	45º 30' 10.25"	66º 4' 29.41"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5126.560	J56	Oak Point J56	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.20	45º 30' 29.15"	66º 4' 33.81"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5126.570	J55	Oak Point J55	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.50	45º 30' 21.25"	66º 4' 43.12"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5126.580	J58	Lower End Grassy Island J58	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.80	45º 30' 41.15"	66º 4' 32.92"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5126.590	J59	Oak Point J59	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.60	45º 30' 41.4"	66º 4' 45.12"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5126.600	J60	Grassy Island J60	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	6.50	45º 30' 56.25"	66º 4' 23.91"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5126.620	J64	Grassy Island Middle J64	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.70	45º 31' 15.15"	66º 3' 58.02"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5126.640	J66	Grassy Island Head North J66	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	6.20	45º 31' 38.26"	66º 3' 18.9"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5127.000	JQ	Oak Point JQ	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-white	Seasonal (in place year round)	4.10	45º 31' 6.25"	66º 4' 29.93"	500	lb	Concrete	9	16	Chain	2015	5	3

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-2	5127.104	C4	Upper Hog Island C4	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45° 33' 41.16"	66° 0' 47.81"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5127.107	C7	Middle Hog Island C7	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.90	45° 33' 14.25"	66° 0' 39.92"	500	lb	Concrete	12	16	Chain	2016	5	3
A-2	5127.114	C2	Hog Island C2	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	45° 33' 48.24"	66° 0' 58.41"	500	lb	Concrete	6	16	Chain	2016	5	3
A-2	5127.155	C5	Pig Island C5	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	45° 33' 39.65"	66° 0' 44.58"	500	lb	Concrete	9	16	Chain	2016	5	3
A-2	5127.201	C10	Belleisle Entrance C10	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	8.90	45° 32' 55.25"	66° 0' 21.91"	500	lb	Concrete	12	16	Chain	2016	5	3
A-2	5127.203	C8	Hog Island Lower C8	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	7.90	45° 33' 3.25"	66° 0' 35.71"	500	lb	Concrete	12	16	Rope	2016	5	3
A-2	5127.206	C3	Pig Island C3	4141-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.90	45° 33' 50.05"	66° 0' 56.22"	500	lb	Concrete	6	16	Chain	2015	5	3
A-2	5127.300	CC2	Jenkins Cove CC2	4141-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.60	45° 35' 27.26"	65° 57' 3.9"	500	lb	Concrete	9	16	Chain	2015	5	3
A-2	5130.120	C12	Long Point Bar C12	4141-2	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	12.00	45° 36' 39.25"	65° 54' 28.29"	1000	lb	Concrete	18	20	Chain	2016	5	3
A-2	5130.130	C13	Hatfield Point C13	4141	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.40	45° 38' 37.5"	65° 51' 47"	500	lb	Concrete	6	16	Chain	2016	5	3
A-2	5130.140	C14	Hatfield Point entrance C14	4141	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45° 38' 38.1"	65° 51' 40.302"	75	lb	Concrete	6	10	Chain	2016	5	3

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-2	5130.150	C15	Hatfield Point Entrance C15	4141	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	45º 38' 39.12"	65º 51' 42.12"	75	lb	Concrete	6	10	Chain	2016	5	3
A-2	5130.160	C16	Hatfield Point Middle C16	4141	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	45º 38' 42.6"	65º 51' 34"	75	lb	Concrete	6	10	Chain	2016	5	3
A-2	5130.170	C17	Hatfield Point Middle C17	4141	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	45º 38' 41.4"	65º 51' 37.4"	75	lb	Concrete	6	10	Chain	2016	5	3
A-2	5130.180	C18	Hatfield Point Middle C18	4141	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	45º 38' 49.4"	65º 51' 33.7"	75	lb	Concrete	6	10	Chain	2016	5	3
A-2	5130.190	C19	Hatfield Point Inner C19	4141	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	45º 38' 44.7"	65º 51' 35.7"	75	lb	Concrete	6	10	Chain	2016	5	3
A-2	5130.200	C20	Hatfield Point Inner C20	4141	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	45º 38' 56.8"	65º 51' 33.1"	75	lb	Concrete	6	10	Chain	2016	5	3
A-2	5130.210	C21	Hatfield Point Wharf C21	4141	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	45º 38' 54.2"	65º 51' 34.4"	75	lb	Concrete	6	10	Chain	2016	5	3
A-2	5130.220	C22	Hatfield Point Wharf C22	4141	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	45º 39' 1.1"	65º 51' 31.2"	75	lb	Concrete	6	10	Chain	2016	5	3

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Upper Saint John River		
Contract Area no.:	A-3		
Province(s):	New Brunswick		
Contract Area Description:	Includes the area of the Saint John River upstream of Mactaquac Dam.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Saint John, NB		
Commissioning date:	July 1st, see Comment		
Decommissioning date:	October 15th		
Total no. of buoys:	269		
Max. buoy size(m) diameter :	0.6 m plastic		
Maximum anchor size (weight (kg)):	454		
Maximum buoy weight (kg) :	95		
Maximum water depth (m) :	15.2		
Operational Season:	July 1st to October 15th, see Comment		
Overview of work activities:	1 buoy is 'year round', 177 buoys are 'seasonal in-place year round' and 91 are 'seasonal buoys'. 5 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Decommissioning work includes removal of lanterns from year round buoys.. The work also includes planned cyclical mooring replacement every 5 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule. Buoys should be placed as soon as spring freshet is over which may be earlier than July 1st.		

Contract Area name:	Upper Saint John River
Contract Area no.:	A-3

Transitioning from current contract structure and schedule to new contract structure and schedule

There is an existing contract in place for this Contract Area.

The new contract will start on July 2nd, 2016.

Note that in the costing submission, prices should only be provided for the years 2016-2017, 2017 -2018 2018-2019 and the option year, 2019-2020.

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	137.700	EA	Channel Entrance light buoy EA	4142-4	Night	0.6m SB 60 Spar Can PI		Plastic	Red-white	Seasonal (in place year round)	4.60	45º 52' 18.32"	66º 8' 13.91"	1000	lb	Concrete	9	20	Chain	2016	3	3
A-3	138.000	EN1	Douglas Harbour light buoy EN1	4142-4	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	7.60	45º 54' 30.22"	66º 5' 47.91"	500	lb	Concrete	18	16	Chain	2016	3	3
A-3	139.000	EAB	Grand Point Bar south cardinal light buoy EAB	4142-4	Night	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Seasonal (in place year round)	15.20	45º 54' 12.23"	66º 4' 4.9"	1000	lb	Concrete	18	20	Chain	2016	3	3
A-3	139.750	E75	Goat Island E75	4142-4	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	5.00	46º 0' 42.22"	66º 0' 30.99"	1000	lb	Concrete	10	20	Chain	2016	3	3
A-3	141.300	E86	Barton Island light buoy E86	4142-4	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.20	46º 3' 56.22"	65º 56' 17.38"	500	lb	Concrete	9	16	Chain	2016	3	3
A-3	5131.010	JT	Spoon Island Lower End JT	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Seasonal (in place year round)	4.30	45º 36' 12.6"	66º 3' 2.7"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5131.020	JTA	Spoon Island North JTA	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Seasonal (in place year round)	3.60	45º 37' 24.78"	66º 4' 29.94"	500	lb	Concrete	9	16	Chain	2017	5	3
A-3	5131.030	JTC	Long Island Lower End JTC	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green-red-green	Seasonal (in place year round)	6.00	45º 37' 33.23"	66º 4' 47.4"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5132.001	DA2	Killaboy Island Channel DA2	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.20	45º 43' 36.22"	66º 5' 21.91"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5132.010	JTD	Washademoak Creek JTD	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Seasonal (in place year round)	5.60	45º 40' 31.23"	66º 4' 36.41"	500	lb	Concrete	12	16	Chain	2019	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5132.020	JTE	Long Island North JTE	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green-red-green	Seasonal (in place year round)	3.50	45º 41' 59.23"	66º 5' 42.9"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5132.030	JTH	Penrey Point JTH	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Seasonal (in place year round)	6.10	45º 42' 54.23"	66º 5' 39.91"	500	lb	Concrete	14	16	Chain	2019	5	3
A-3	5132.040	DA3	Killaboy Island North DA3	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.70	45º 43' 38.23"	66º 5' 19.9"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5134.001	D3	Colwell's Point D3	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.10	45º 42' 36.23"	66º 3' 55.6"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5134.002	DA5	Washademoak Lake Entrance DA5	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.00	45º 42' 37.23"	66º 4' 2.9"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5134.004	DA4	Killaboy Island Shoal DA4	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45º 43' 38.22"	66º 5' 16.41"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5134.006	DA	Washademoak Lake Entrance DA	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Black-yellow	Seasonal (in place year round)	3.70	45º 42' 34.53"	66º 3' 57.7"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5134.010	D3/3	Washademoak Lake Outer D3/3	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	45º 42' 43.23"	66º 3' 51.4"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5134.011	D1	Washademoak Creek D1	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	6.00	45º 40' 50.73"	66º 4' 38.4"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5134.020	D4	Washademoak Lake Outer D4	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.80	45º 42' 41.22"	66º 3' 48.9"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5134.030	D5	Washademoak Lake Inner D5	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.40	45º 42' 48.23"	66º 3' 48.89"	500	lb	Concrete	9	16	Chain	2019	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5134.040	D6	Washademoak Lake Inner Entrance D6	4142-1	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	7.10	45º 42' 52.23"	66º 3' 40.9"	1000	lb	Concrete	9	20	Chain	2019	5	3
A-3	5134.080	D8	Washademoak Lake D8	4142-3	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	1.80	45º 51' 43.22"	65º 55' 35.88"	500	lb	Concrete	9	16	Chain	2015	5	3
A-3	5134.090	D9	Washademoak Lake D9	4142-3	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.00	45º 51' 45.72"	65º 55' 33.88"	500	lb	Concrete	9	16	Chain	2015	5	3
A-3	5134.100	D10	Washademoak Lake D10	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	45º 51' 48.22"	65º 55' 17.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.110	D11	Washademoak Lake D11	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45º 51' 49.22"	65º 55' 17.9"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.130	D13	Washademoak Lake D13	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 51' 53.23"	65º 55' 3.97"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.140	D14	Washademoak Lake D14	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45º 51' 56.23"	65º 54' 54.89"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.150	D15	Washademoak Lake D15	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45º 51' 57.72"	65º 54' 52.88"	50	lb	Concrete	9	14	Chain	2015	5	3
A-3	5134.170	D17	Washademoak Lake D17	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45º 52' 2.22"	65º 54' 33.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.180	D18	Washademoak Lake D18	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45º 52' .23"	65º 54' 33.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.190	D19	Washademoak Lake D19	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45º 52' 2.22"	65º 54' 15.88"	50	lb	Concrete	9	14	Chain	2015	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5134.200	D20	Washademoak Lake D20	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.40	45° 52' 1.23"	65° 54' 14.89"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.210	D21	Washademoak Lake D21	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45° 52' 7.72"	65° 54' .87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.220	D22	Washademoak Lake D22	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45° 52' 7.37"	65° 53' 59.16"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.230	D23	Washademoak Lake D23	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	45° 52' 13.23"	65° 53' 43.97"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.240	D24	Washademoak Lake D24	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45° 52' 11.23"	65° 53' 43.97"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.260	D26	Washademoak Lake D26	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45° 52' 13.23"	65° 53' 24.96"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.270	D27	Washademoak Lake D27	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.10	45° 52' 16.22"	65° 53' 8.89"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.280	D28	Washademoak Lake D28	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45° 52' 14.23"	65° 53' 7.89"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.290	D29	Washademoak Lake D29	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45° 52' 13.22"	65° 52' 48.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.300	D30	Washademoak Lake D30	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45° 52' 11.23"	65° 52' 50.47"	50	lb	Concrete	9	14	Chain	2015	5	3
A-3	5134.310	D31	Washademoak Lake D31	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.10	45° 52' 2.22"	65° 52' 36.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5134.320	D32	Washademoak Lake D32	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45º 52' .24"	65º 52' 38.97"	50	lb	Concrete	9	14	Chain	2015	5	3
A-3	5134.330	D33	Washademoak Lake D33	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45º 51' 50.4"	65º 52' 26.6"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.340	D34	Washademoak Lake D34	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	45º 51' 48.72"	65º 52' 28.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.350	D35	Washademoak Lake D35	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	45º 51' 42.73"	65º 52' 22.44"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.360	D36	Washademoak Lake D36	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	45º 51' 40.22"	65º 52' 22.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.370	D37	Washademoak Lake D37	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45º 51' 36.94"	65º 52' 1.23"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.380	D38	Washademoak Lake D38	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 51' 35.73"	65º 51' 57.97"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.390	D39	Washademoak Lake D39	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	45º 51' 40.72"	65º 51' 48.38"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.400	D40	Washademoak Lake D40	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45º 51' 42.73"	65º 51' 42.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.420	D42	Washademoak Lake D42	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45º 51' 52.72"	65º 51' 40.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.440	D44	Washademoak Lake D44	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	45º 52' 6.22"	65º 51' 36.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5134.450	D45	Washademoak Lake D45	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45º 52' 23.24"	65º 51' 27.97"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.460	D46	Washademoak Lake D46	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.90	45º 52' 19.72"	65º 51' 26.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.480	D48	Washademoak Lake D48	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45º 52' 27.9"	65º 51' 13.25"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.484	D52	Washademoak Lake D52	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45º 52' 51.31"	65º 50' 34.11"	50	lb	Concrete	9	14	Chain	2015	5	3
A-3	5134.490	D49	Washademoak Lake D49	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	45º 52' 35.82"	65º 51' 2.94"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5134.495	D51	Washademoak Lake Buoy D51	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	45º 52' 41.22"	65º 50' 57.87"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5134.500	D50	Washademoak Lake D50	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 52' 40.72"	65º 50' 54.36"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.530	D53	Washademoak Lake D53	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	45º 52' 55.54"	65º 50' 27.97"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.540	D54	Washademoak Lake D54	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	45º 52' 52.22"	65º 50' 15.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.550	D55	Washademoak Lake D55	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.30	45º 52' 53.22"	65º 50' 8.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.560	D56	Washademoak Lake D56	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.30	45º 52' 48.87"	65º 49' 57.24"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5134.580	D58	Washademoak Lake D58	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 52' 51.22"	65º 49' 39.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.590	D59	Washademoak Lake D59	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	45º 52' 54.22"	65º 49' 31.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.610	D61	Washademoak Lake D61	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.80	45º 53' 2.22"	65º 49' 29.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.620	D62	Washademoak Lake D62	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	45º 53' 17.22"	65º 49' 27.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.630	D63	Washademoak Lake D63	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	45º 53' 28.22"	65º 49' 26.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.640	D64	Washademoak Lake D64	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 53' 27.63"	65º 49' 23.47"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.650	D65	Washademoak Lake D65	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.20	45º 53' 38.22"	65º 49' 16.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.660	D66	Washademoak Lake D66	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	45º 53' 48.9"	65º 48' 56.4"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.670	D67	Washademoak Lake D67	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	45º 53' 55.22"	65º 48' 52.87"	75	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.680	D68	Washademoak Lake D68	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	45º 53' 55.73"	65º 48' 50.36"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5134.700	D70	Washademoak Lake D70	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 54' 5.72"	65º 48' 46.37"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.710	D71	Washademoak Lake D71	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	45º 54' 14.23"	65º 48' 39.88"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.720	D72	Washademoak Lake D72	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 54' 14.23"	65º 48' 38.37"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.730	D73	Washademoak Lake D73	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	45º 54' 16.99"	65º 48' 35.37"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.740	D74	Washademoak Lake D74	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45º 54' 16.72"	65º 48' 33.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.760	D76	Washademoak Lake D76	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.60	45º 54' 21.56"	65º 48' 15.58"	75	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.770	D77	Washademoak Lake D77	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.90	45º 54' 31.22"	65º 47' 59.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.780	D78	Washademoak Lake D78	4142-3	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.10	45º 54' 44.22"	65º 47' 49.38"	75	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5134.790	D79	Washademoak Lake D79	4142-3	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.30	45º 54' 56.22"	65º 47' 53.87"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5135.001	H	Raft Channel H	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow	Seasonal (in place year round)	3.00	45º 47' 50.6"	66º 6' 33.1"	500	lb	Concrete	6	16	Chain	2019	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5135.002	H1	Middle Ground Lower H1	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.90	45º 48' 11.22"	66º 7' 7.9"	500	lb	Concrete	9	16	Chain	2017	5	3
A-3	5135.003	HA	Raft Channel South Cardinal Spar HA	4142	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black	Seasonal (in place year round)	2.10	45º 47' 38.5"	66º 5' 58.6"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.004	HA2	Raft Channel Red Spar HA2	4142	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	45º 47' 47.8"	66º 6' 27.6"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.005	H3	Middle Ground Middle H3	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.80	45º 48' 28.72"	66º 7' 20.41"	500	lb	Concrete	14	16	Chain	2019	5	3
A-3	5135.007	H5	Middle Ground Upper H5	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.00	45º 48' 39.23"	66º 7' 31.4"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5135.008	H7	Middle Ground H7	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.00	45º 48' 47.72"	66º 7' 45.9"	500	lb	Serrated	6	16	Chain	2019	5	3
A-3	5135.009	H8	Grimross Island Lower End H8	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.30	45º 48' 54.23"	66º 7' 55.2"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.010	JU	Gagetown Creek Lower Ent. JU	4142-1	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green-red-green	Seasonal (in place year round)	4.00	45º 46' 10.23"	66º 8' 18.9"	1000	lb	Concrete	9	20	Chain	2019	5	3
A-3	5135.100	JU10	Dingee Point Lower JU10	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	45º 47' 36.72"	66º 8' 32.4"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5135.110	JU11	Dingee Point Lower JU11	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.90	45º 48' 2.23"	66º 8' 45.9"	500	lb	Concrete	6	16	Chain	2019	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5135.120	JU12	Dingee Point Lower JU12	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	45º 48' 4.83"	66º 8' 41.37"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.130	JU13	Dingee Point Middle JU13	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.90	45º 48' 7.23"	66º 8' 43.4"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.150	JU15	Dingee Point Upper JU15	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.70	45º 48' 14.22"	66º 8' 35.91"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.160	JU16	Dingee Point Middle JU16	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.20	45º 48' 14.22"	66º 8' 31.4"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.210	JU21	Grimross Canal Lower End JU21	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.20	45º 49' 4.22"	66º 9' 26.41"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.220	JU22	Grimross Canal Lower End JU22	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.50	45º 49' 3.51"	66º 9' 24"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.240	JU24	Grimross Canal JU24	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.50	45º 49' 10.83"	66º 9' 30.97"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.260	JU26	Gagetown Creek Upper Entrance JU26	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.80	45º 49' 15.23"	66º 9' 33.41"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5135.270	JU27	Gagetown Creek Upper Entrance JU27	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.00	45º 49' 16.22"	66º 9' 37.91"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5136.010	E1	Jemseg Lower Entrance E1	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.50	45º 46' 51.4"	66º 6' 28.1"	500	lb	Concrete	6	16	Chain	2015	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5136.030	E3	Dykeman Shoal Lower E3	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.00	45º 47' 41.79"	66º 5' 55.9"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.050	E5	Dykeman Shoal Middle E5	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.00	45º 47' 48.5"	66º 5' 58.5"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.070	E7	Dykeman Shoal Upper E7	4142-1	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.20	45º 47' 54.42"	66º 6' 3.3"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.080	E8	Dykeman Lake E8	4142-1	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45º 48' 3.73"	66º 6' 6.4"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.140	E14	Jemseg E14	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.80	45º 49' 55.73"	66º 6' 59.42"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.160	E16	Grand Lake Entrance E16	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.00	45º 50' 26.785"	66º 7' 53.967"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5136.170	E17	Grand Lake Entrance E17	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.20	45º 50' 25.75"	66º 8' .42"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.180	E18	Grand Lake Entrance E18	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.60	45º 50' 28.44"	66º 8' 1.81"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5136.190	E19	Grand Lake Entrance E19	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	45º 50' 28.22"	66º 8' 7.9"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.200	E20	Grand Lake Entrance E20	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45º 50' 33.081"	66º 8' 13.718"	500	lb	Concrete	6	16	Chain	2017	5	3

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														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5136.210	E21	Grand Lake Entrance E21	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	45º 50' 32.22"	66º 8' 15.9"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.220	E22	Grand Lake Entrance E22	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45º 50' 35.92"	66º 8' 17.28"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.230	E23	Grand Lake Entrance E23	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	45º 50' 39.272"	66º 8' 20.309"	500	lb	Concrete	6	16	Chain	2015	5	3
A-3	5136.240	E24/2	Grand Lake Entrance E24/2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.60	45º 50' 39.307"	66º 8' 19.101"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.250	E25	Grand Lake Entrance Green Spar E25	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	45º 50' 43.936"	66º 8' 21.506"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.260	E26	Grand Lake Entrance Red Spar E26	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45º 50' 44.106"	66º 8' 20.524"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5136.270	E27/1	Grand Lake Entrance Green Spar E27/1	4142	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.40	45º 50' 48.711"	66º 8' 23.255"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.280	E28/2	Grand Lake Entrance E28/2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	45º 50' 48.847"	66º 8' 22.228"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.290	E29	Grand Lake Entrance Green Spar E29	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.40	45º 50' 53.5"	66º 8' 25.1"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.300	E30	Grand Lake Entrance Red Spar E30	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.50	45º 50' 53.7"	66º 8' 24"	500	lb	Concrete	6	16	Chain	2019	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5136.310	E31	Grand Lake Entrance Green Spar E31	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.50	45º 50' 58.267"	66º 8' 26.733"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5136.320	E32/2	Grand Lake Entrance E32/2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.60	45º 50' 58.004"	66º 8' 25.733"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.330	E33/1	Grand Lake Entrance Green Spar E33/1	4142	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.70	45º 51' 2.685"	66º 8' 28.752"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.340	E34	Grand Lake Entrance Red Spar E34	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.30	45º 51' 3.013"	66º 8' 27.622"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.350	E35	Grand Lake Entrance Green Spar E35	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.60	45º 51' 7.366"	66º 8' 30.645"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5136.362	E36/2	Grand Lake Entrance Red Spar E36/2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.50	45º 51' 7.693"	66º 8' 29.469"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.370	E37/1	Grand Lake Entrance E37/1	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.30	45º 51' 12.078"	66º 8' 32.49"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.380	E38/2	Grand Lake Entrance E38/2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.60	45º 51' 12.5"	66º 8' 31.2"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.390	E39	Grand Lake Entrance Green Spar E39	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.60	45º 51' 16.788"	66º 8' 34.243"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.400	E40/2	Grand Lake Entrance E40/2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.60	45º 51' 17.17"	66º 8' 32.693"	500	lb	Concrete	6	16	Chain	2019	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5136.420	E42/2	Grand Lake Entrance Buoy E42/2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.30	45º 51' 22.064"	66º 8' 34.019"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.430	E43	Grand Lake Entrance Green Spar E43	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.70	45º 51' 26.58"	66º 8' 37.8"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.440	E44	Grand Lake Entrance Red Spar E44	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.50	45º 51' 26.67"	66º 8' 34.34"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.460	E46	Grand Lake Entrance Red Spar E46	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.50	45º 51' 36.254"	66º 8' 31.297"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5136.480	E48	Grand Lake Entrance Red Spar E48	4142-4	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	3.10	45º 51' 45.913"	66º 8' 28.853"	1000	lb	Concrete	6	20	Chain	2019	5	3
A-3	5137.001	EA1	Maquapit Lake Entrance EA1	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	45º 52' 3.8"	66º 10' 2.2"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.002	EA2	Maquapit Lake Entrance EA2	4142	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.40	45º 52' 6.9"	66º 10' .3"	500	lb	Concrete	6	10	Chain	2015	5	3
A-3	5137.004	EA4	Maquapit Lake Entrance EA4	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	0º 0' 0"	0º 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.005	EA5	Maquapit Lake Entrance EA5	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	0º 0' 0"	0º 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.006	EA6	Maquapit Lake Entrance EA6	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0º 0' 0"	0º 0' 0"	50	lb	Concrete	4	To Be Fixed	Chain	2015	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5137.008	EA8	Maquapit Lake Entrance EA8	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.009	EA9	Maquapit Lake Entrance EA9	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2017	5	3
A-3	5137.010	EA10	Maquapit Lake Entrance EA10	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.011	EA11	Maquapit Lake Entrance EA11	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.013	EA13	Maquapit Lake Lower EA13	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.014	EA14	Maquapit Lake Lower EA14	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	0° 0' 0"	0° 0' 0"	50	lb	Concrete	4	To Be Fixed	Chain	2015	5	3
A-3	5137.015	EA15	Maquapit Lake Lower EA15	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.016	EA16	Maquapit Lake Lower EA16	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.017	EA17	Maquapit Lake Lower EA17	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.019	EA19	Maquapit Lake Lower EA19	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5137.021	EA21/3	Maquapit Lake Lower EA21/3	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.022	EA22	Maquapit Lake Lower EA22	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.023	EA23	Maquapit Lake Lower EA23	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.024	EA24	Maquapit Lake Lower EA24	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	10	Chain	2015	5	3
A-3	5137.025	EA25	Maquapit Lake Bar EA25	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.026	EA26	Maquapit Lake Bar EA26	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.027	EA27	Maquapit Lake Upper EA27	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.028	EB	Maquapit Lake North EB	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow	Seasonal	2.10	45° 54' 51.23"	66° 12' 3.97"	75	lb	Stone	6	To Be Fixed	Chain	2015	5	3
A-3	5137.029	EA29	Maquapit Lake Upper EA29	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.030	EA30	Maquapit Lake Upper EA30	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.031	EA31	Maquapit Lake Upper EA31	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	0° 0' 0"	0° 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5137.032	EA32	Maquapit Lake Upper EA32	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0º 0' 0"	0º 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.033	EA33	Maquapit Lake Main Thoroughfare EA33	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0º 0' 0"	0º 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.034	EA34	Maquapit Main Thoroughfare EA34	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0º 0' 0"	0º 0' 0"	50	lb	Concrete	9	To Be Fixed	Chain	2015	5	3
A-3	5137.200	EA20	Maquapit Lake Lower EA20	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	0º 0' 0"	0º 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.210	EA21	Maquapit Lake Lower EA21	4142	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	0º 0' 0"	0º 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5137.280	EA28	Maquapit Lake Upper EA28	4142	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0º 0' 0"	0º 0' 0"	50	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5138.200	EN2	Douglas Harbour Entrance EN2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.70	45º 54' 37.22"	66º 5' 42.39"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5138.300	EN3	Douglas Harbour Inner EN3	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.60	45º 54' 52.22"	66º 5' 45.9"	500	lb	Concrete	12	10	Chain	2019	5	3
A-3	5138.400	EN4	Douglas Harbour Inner EN4	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45º 55' .22"	66º 5' 44.9"	500	lb	Concrete	6	To Be Fixed	Chain	2019	5	3
A-3	5138.600	EN6	Douglas Harbour Wharf EN6	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.40	45º 55' 4.22"	66º 5' 48.91"	500	lb	Concrete	6	16	Chain	2019	5	3

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														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5139.001	EQ1	Upper Flowers Cove EQ1	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.60	46º 2' 5.41"	66º 1' 53.61"	500	lb	Steel Block	6	To Be Fixed	Chain	2019	5	3
A-3	5139.002	EQ2	Upper Flowers Cove EQ2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.60	46º 2' 7.21"	66º 1' 52.89"	300	lb	Steel Block	6	To Be Fixed	Chain	2019	5	3
A-3	5139.103	EE3	Youngs Cove EE3	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.70	45º 57' 5.22"	65º 58' 39.69"	500	lb	Concrete	6	To Be Fixed	Chain	2015	5	3
A-3	5139.580	EC2	Fanjoy Point EC2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	45º 54' 39.72"	66º 1' 13.79"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5139.590	EC4	Fanjoy Point East EC4	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	45º 54' 36.22"	66º 1' 6.9"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5139.670	EE	Holmes Lump EE	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-red-black	Seasonal (in place year round)	3.70	45º 56' 48.44"	65º 59' 29.38"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5139.780	E78	Cox Point N.W. E78	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	7.30	46º 1' .88"	66º 0' 27.57"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5139.810	EM	Robinson Point EM	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow-black	Seasonal (in place year round)	2.40	46º 2' 22.41"	66º 0' 5.79"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5139.812	EM2	Newcastle Creek EM2	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.70	46º 3' 20.12"	66º 0' 7.6"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5139.813	EJ	Bailey Point EJ	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black	Seasonal (in place year round)	5.50	46º 3' 7.22"	65º 59' 9.89"	500	lb	Concrete	9	16	Chain	2019	5	3

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														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5139.820	E82	Barton Point E82	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.70	46º 2' 18.21"	65º 59' 16.9"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5141.601	EF1	Indian Point East Green Can Spar EF1	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.40	46º 4' 49.8"	65º 55' 22.92"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.603	EF3	Indian Point North Green Can Spar EF3	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.40	46º 5' 1.98"	65º 55' 35.52"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.604	EF4	Indian Point Northwest Red Con Spar EF 4	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.70	46º 5' 0"	65º 55' 54.66"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.605	EF5	Indian Point West Green Can Spar EF5	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.30	46º 4' 54.78"	65º 56' 16.98"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.606	EF6	Moray Point South Red Con Spar EF6	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.60	46º 4' 57.66"	65º 56' 33.06"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.608	EF8	Moray Point Southwest Red Con Spar EF8	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.60	46º 5' 1.26"	65º 56' 44.76"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.610	EF10	Moray Point West Con Spar EF10	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.70	46º 5' 10.98"	65º 56' 48.8"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.612	EF12	Moray Point Northwest Red Con Spar EF12	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	46º 5' 23.76"	65º 56' 43.26"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.613	EF13	Moray Point North Green Can Spar EF13	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.30	46º 5' 32.34"	65º 56' 29.82"	500	lb	Concrete	6	16	Chain	2019	5	3

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														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5141.615	EF15	Moray Point Northeast Green Can Spar EF15	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.20	46º 5' 38.46"	65º 56' 5.46"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.617	EF17	O'Leary's Turn South Green Can Spar EF17	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.70	46º 5' 44.64"	65º 55' 45.84"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.619	EF19	O'Leary's Turn Green Can Spar EF19	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	46º 5' 53.82"	65º 55' 30.06"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.620	EF20	O'Leary's Turn North Red Con Spar EF20	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.00	46º 6' 8.28"	65º 55' 31.92"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.621	EF21	O'Leary's Turn Green Can Spar EF21	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	46º 6' 34.08"	65º 55' 47.64"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.622	EF22	Salmon River Red Con Spar EF22	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.90	46º 6' 54.06"	65º 55' 48.42"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5141.623	EF23	South Islet Green Spar Can Spar EF23	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	46º 7' 4.32"	65º 55' 53.4"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.625	EF25	North Islet Green Can Spar EF25	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.20	46º 7' 13.38"	65º 56' 7.26"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.626	EF26	South Ironbound Cove Red Con Spar EF26	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	46º 7' 40.86"	65º 56' 39.48"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.628	EF28	Camp Wegesegum Red Con Spar EF28	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.70	46º 8' 37.8"	65º 56' 11.16"	500	lb	Concrete	6	16	Chain	2018	5	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5141.630	EF30	Camp Wegesegum Turn Red Con Spar EF30	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.90	46º 8' 51"	65º 55' 22.74"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5141.631	EF31	North Cove Green Can Spar EF31	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.30	46º 9' 5.76"	65º 55' 5.46"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.633	EF33	McLure Shoal West Green Can Spar EF33	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.00	46º 9' 9.78"	65º 54' 42"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.634	EF34	McLure Shoal Red Con Spar EF34	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.70	46º 9' 13.62"	65º 54' 28.8"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.636	EF36	Bairds Cove Red Con Spar EF36	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.40	46º 9' 15.3"	65º 54' 17.1"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.638	EF38	Big Island Red Con Spar EF38	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.40	46º 9' 31.92"	65º 53' 40.86"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.640	EF40	Curley Island South Red Con Spar EF40	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.40	46º 9' 37.68"	65º 53' 39.72"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.642	EF42	Curley Island Red Con Spar EF42	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.70	46º 9' 44.34"	65º 53' 38.7"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.644	EF44	Curley Island North Red Con Spar EF44	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	46º 9' 51.12"	65º 53' 37.8"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.646	EF46	Henderson Brook Red Con Spar EF46	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.30	46º 9' 58.38"	65º 53' 35.1"	500	lb	Concrete	6	16	Chain	2018	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5141.648	EF48	Henderson Brook Red Con Spar EF48	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.40	46º 10' 8.28"	65º 53' 34.8"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.650	EF50	Davis Turn Red Con Spar EF50	4142-4	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.70	46º 10' 18.84"	65º 53' 33.78"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5141.651	EF51	Chipman Green Can Spar EF51	4142-4	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.30	46º 10' 25.56"	65º 53' 22.92"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.000	HE	Gilbert Island HE	4142-2	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red-green-red	Seasonal (in place year round)	5.00	45º 52' 20.22"	66º 16' 55.93"	1000	lb	Concrete	9	20	Chain	2018	5	3
A-3	5142.004	HE4	Sheffield Channel Narrows HE4	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.80	45º 53' 23.22"	66º 18' 42.93"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.005	HE5	Sheffield Channel Upper HE5	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.20	45º 53' 20.51"	66º 19' 57"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.007	HE7	Sheffield Channel Upper Entrance HE7	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.00	45º 53' 5.71"	66º 20' 58.43"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.130	H13	Ram Island H13	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.60	45º 52' 12.5"	66º 16' 42.88"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.180	H18	Ox Island Bar H18	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.00	45º 52' 19.23"	66º 17' 21.92"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.220	H22	Ox Island Bar H22	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.60	45º 52' 17.75"	66º 17' 57.67"	500	lb	Concrete	6	16	Chain	2018	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5142.260	H26	Ox Island Channel H26	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.80	45º 52' 24.73"	66º 19' 38.94"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.280	H28	Ox Island Northwest H28	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.00	45º 52' 41.22"	66º 20' 28.42"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.281	HH	Maugers West HH	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Seasonal (in place year round)	5.20	45º 52' 52.22"	66º 21' 33.93"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.282	H28/4	Middle Island Lower End H28/4	4142-2	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	5.00	45º 52' 37.23"	66º 23' 13.93"	1000	lb	Concrete	9	20	Chain	2018	5	3
A-3	5142.290	H29	Street Bar Lower End H29	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.00	45º 52' 25.21"	66º 23' 50.93"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.313	H31	Middle Island H31	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.60	45º 52' 16.72"	66º 24' 29.94"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.320	H30	Street Bar Lower End H30	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.20	45º 52' 20.72"	66º 24' 24.94"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.330	H33	Street Bar H33	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	2.50	45º 52' 20.22"	66º 25' 4.94"	500	lb	Concrete	6	16	Rope	2018	5	3
A-3	5142.341	H34	Middle Island West End H34	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.80	45º 52' 27.22"	66º 25' 44.94"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.380	H38	Lower Oromocto Island H38	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45º 51' 39.72"	66º 27' 28.94"	500	lb	Concrete	9	16	Chain	2018	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-3	5142.400	H40	Oromocto Shoal Lower H40	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.00	45° 51' 27.21"	66° 27' 50.94"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.420	H42	Oromocto Shoal H42	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.80	45° 51' 27.22"	66° 28' 20.93"	500	lb	Concrete	9	16	Chain	2019	5	3
A-3	5142.421	HM	Oromocto Dredged Track HM	4142-2	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green-red-green	Seasonal (in place year round)	4.00	45° 51' 24.73"	66° 28' 15.74"	1000	lb	Concrete	6	20	Chain	2018	5	3
A-3	5142.422	HM2	Thatch Island HM2	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.00	45° 51' 22.23"	66° 28' 22.95"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.450	H45	Oromocto Water Intake H45	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.00	45° 51' 27.22"	66° 28' 29.94"	500	lb	Concrete	6	16	Chain	2019	5	3
A-3	5142.490	H49	Thatch Island North H49	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.60	45° 51' 49.22"	66° 29' 51.95"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.500	H50	Oromocto Island H50	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.60	45° 52' 4.23"	66° 30' 7.95"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.510	H53	Wilmots Bluff H53	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.60	45° 52' 15.23"	66° 30' 33.94"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.520	H52	Wilmots Bluff H52	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.30	45° 52' 16.72"	66° 30' 27.95"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.540	H56	Oromocto Island H56	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.80	45° 52' 29.23"	66° 30' 51.94"	500	lb	Concrete	6	16	Chain	2018	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5142.550	H55	Wilmot Bluff H55	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.80	45º 52' 27.72"	66º 30' 54.95"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.570	H57	Wilmot Bluff H57	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.60	45º 52' 34.23"	66º 31' 3.96"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.580	H58	Oromocto Island Upper H58	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.50	45º 52' 43.22"	66º 31' 4.96"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.610	H59	Wilmot Bluff Upper H59	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	45º 52' 47.22"	66º 31' 21.94"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.630	H63	Baker Brook South H63	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.40	45º 53' 38"	66º 32' 25"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.640	H60	Upper Maugerville H60	4142-2	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	4.00	45º 53' 6.22"	66º 31' 30.95"	1000	lb	Concrete	9	20	Chain	2018	5	3
A-3	5142.650	H65	Baker Brook North H65	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.80	45º 54' 3.27"	66º 33' 12.44"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.670	H61	Upper Maugerville H61	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.80	45º 53' 23"	66º 32' 0"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.710	H63/3	Upper Maugerville H63/3	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.50	45º 53' 52.22"	66º 32' 52.44"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.740	H66	Lincoln Lower H66	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	6.30	45º 54' 21.22"	66º 33' 49.95"	500	lb	Concrete	9	16	Chain	2018	5	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5142.750	H71	Lower St. Mary's H71	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.40	45º 54' 54.22"	66º 35' 9.96"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.755	H73	Lower St. Mary's H73	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.40	45º 55' 9.23"	66º 35' 28.46"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.760	H70	Lincoln Middle H70	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	7.00	45º 54' 38.22"	66º 34' 33.96"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.770	H75	Lincoln Upper H75	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	7.00	45º 55' 33.22"	66º 36' 5.75"	500	lb	Concrete	9	16	Chain	2018	5	3
A-3	5142.780	H76	Lincoln Sunken Crib Lower H76	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.40	45º 55' 48.71"	66º 36' 48.96"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5142.781	H78	Fredericton Boat Club H78	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.50	45º 55' 56.72"	66º 37' 8.96"	500	lb	Concrete	6	16	Chain	2018	5	3
A-3	5144.783	H83	Princess Margaret Bridge North H83	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.10	45º 56' 36.33"	66º 37' 42.84"	500	lb	Concrete	6	16	Chain	2015	3	3
A-3	5144.784	H80	Morrison Mills Narrows H80	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.20	45º 56' 7.72"	66º 37' 20.96"	500	lb	Concrete	6	16	Chain	2015	3	3
A-3	5144.785	H85	Fredericton Approach H85	4142-2	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.10	45º 56' 51.72"	66º 37' 43.95"	500	lb	Concrete	9	16	Chain	2015	3	3
A-3	5144.788	H84	Morrison Mills H84	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.30	45º 56' 39.23"	66º 37' 38.96"	500	lb	Concrete	9	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-3	5144.792	H82	Morrison Mills Sunken Crib H82	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.80	45º 56' 25.22"	66º 37' 28.45"	500	lb	Concrete	6	16	Chain	2015	3	3
A-3	5144.794	H86	Nashwaak Bar H86	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.80	45º 57' 5.72"	66º 37' 41.73"	500	lb	Concrete	6	16	Chain	2015	3	3
A-3	5144.796	H88	Fredericton H88	4142-2	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	3.80	45º 57' 18.22"	66º 37' 40.46"	500	lb	Concrete	6	16	Chain	2015	3	3

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Mactaquac		
Contract Area no.:	A-4		
Province(s):	New Brunswick		
Contract Area Description:	The contract area includes Mactaquac		
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard		
Coast Guard Depot:	Off season lantern storage by: Contractor Saint John, NB		
Commissioning date:	N/A		
Decommissioning date:	N/A		
Total no. of buoys:	35		
Max. buoy size(m) diameter :	0.4 m plastic		
Maximum anchor size (weight (kg)):	40		
Maximum buoy weight (kg) :	12		
Maximum water depth (m) :	34		
Operational Season:	Year round		
Overview of work activities:	All buoys are 'year round' and unlit. At Commissioning, work includes position verification of buoys and, as required, tape & numbers. The work also includes planned cyclical mooring replacement every 5 years; next scheduled replacement year is 2015. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.		

Contract Area name:	Mactaquac
Contract Area no.:	A-4

Transitioning from current contract structure and schedule to new contract structure and schedule

There is an existing contract in place for this Contract Area.

The new contract will start on July 2nd, 2016.

Note that in the costing submission, prices should only be provided for the years 2016-2017, 2017 -2018 2018-2019 and the option year, 2019-2020.

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-4	5144.250	M33	Cliffs Cove M33	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.30	45º 52' 51.69"	66º 58' 23.49"	80	lb	Steel Block	6	14	Rope	2015	5	3
A-4	5144.300	MC	Culliton Cove MC	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Yellow-black	Seasonal	5.50	45º 59' 49.19"	67º 13' 34.99"	80	lb	Steel Block	6	14	Rope	2015	5	3
A-4	5144.340	M34	Nackawic Bend M34	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	22.90	45º 59' 3.19"	67º 14' 8.99"	100	lb	Concrete	21	14	Rope	2015	3	3
A-4	5144.401	M40	Shogomoc Reach M40	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	14.00	45º 58' 38.19"	67º 24' 32.99"	80	lb	Steel Block	15	14	Rope	2015	3	3
A-4	5144.450	M45	Hays Brook M45	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	11.00	46º 1' 48.19"	67º 32' 3.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.460	M46	Old Kirk Point M46	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.10	46º 2' 53.69"	67º 33' 13.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.470	M47	Riordan Islet Lower M47	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	11.00	46º 4' 17.69"	67º 33' 19.49"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.490	M49	Riordan Islet Middle M49	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	46º 4' 32.19"	67º 33' 12.99"	100	lb	Concrete	8	14	Rope	2015	3	3
A-4	5144.510	M51	Riordan Islet Upper M51	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.40	46º 4' 48.19"	67º 33' 12.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.530	M53	Foul Ground M53	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	10.60	46º 5' 4.19"	67º 33' 8.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.550	M55	Sigahaw Cove M55	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.10	46º 5' 21.69"	67º 33' 9.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.560	M56/2	Clowes Shoal Lower M56/2	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.50	46º 6' 34.19"	67º 33' 56.49"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.580	M58	Clowes Shoal Middle M58	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.10	46º 6' 47.19"	67º 34' 6.99"	80	lb	Steel Block	6	14	Rope	2015	3	3
A-4	5144.600	M60	Clowes Shoal Upper M60	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.60	46º 7' .19"	67º 34' 13.49"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.602	M56	Clowes Shoal Lower Junction M56	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.30	46º 6' 24.19"	67º 33' 40.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.620	M62	Lower Woodstock M62	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	8.20	46º 7' 17.19"	67º 34' 6.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.630	M63	Lower Woodstock M63	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.30	46º 7' 25.19"	67º 34' 14.99"	100	lb	Concrete	6	14	Rope	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-4	5144.650	M65	Seaplane M65	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.30	46º 7' 40.19"	67º 34' 19.99"	50	lb	Concrete	5	14	Rope	2015	3	3
A-4	5144.670	MK1	Woodstock Island Lower MK1	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.50	46º 8' 12.69"	67º 34' 12.49"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.680	M68	Woodstock Island Lower M68	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	46º 8' 9.19"	67º 34' 22.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.690	MK3	Woodstock Island Middle MK3	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.40	46º 8' 25.19"	67º 34' 5.49"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.695	M69	Woodstock Island West Channel M69	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.50	46º 8' 25.69"	67º 34' 21.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.700	MK5	Woodstock Island E. Channel Upper MK5	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.50	46º 8' 41.69"	67º 33' 58.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.701	MK	Woodstock Island Lower Junction MK	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red-green-red	Seasonal	7.30	46º 7' 58.19"	67º 34' 16.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.702	MP	Woodstock Island North MP	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red-green-red	Seasonal	5.20	46º 8' 56.19"	67º 34' 7.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.703	MQ	Sharps Island Lower Junction MQ	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red-green-red	Seasonal	4.60	46º 10' 13.69"	67º 33' 59.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.704	MS	Sharps Island North MS	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red-green-red	Seasonal	3.70	46º 10' 52.19"	67º 33' 41.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.711	MN1	Woodstock Cove Entrance MN1	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.60	46º 8' 7.19"	67º 34' 29.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.720	M74	Woodstock Island Upper M74	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.20	46º 8' 48.19"	67º 34' 11.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.725	M72	Woodstock Island W. Channel Upper M72	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.60	46º 8' 38.19"	67º 34' 14.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.770	M70	Woodstock Island Middle M70	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	46º 8' 25.19"	67º 34' 18.99"	100	lb	Concrete	6	14	Rope	2015	3	3
A-4	5144.801	MA1	Mactaquac Marina Entrance MA1	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 58' 22.69"	66º 53' 18.99"	80	lb	Steel Block	3	14	Rope	2015	3	3
A-4	5144.802	MA2	Mactaquac Marina Entrance MA2	4145	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 58' 23.19"	66º 53' 18.49"	80	lb	Steel Block	6	14	Rope	2015	3	3
A-4	5144.803	MKOS	Mactaquac Dam "Cautionary" South MKOS	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Yellow	Seasonal	33.50	45º 57' 3.19"	66º 52' 27.99"	80	lb	Steel Block	61	14	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-4	5144.805	MKON	Mactaquac Dam "Cautionary" North MKON	4145	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Yellow	Seasonal	15.00	45° 57' 21.69"	66° 52' 32.99"	100	lb	Concrete	37	6	Chain	2015	3	3

Contract Area name:	Saint John Harbour - Bay of Fundy
Contract Area no.:	A-5, A-C

Province(s): New Brunswick, Nova Scotia

Contract Area Description: Includes Saint John Harbour and all Bay of Fundy waters not covered by other Contract Areas and consists of 3 sub-areas:

	Name / Number of buoys	
A-5, A	Alma (no buoys, 2 stakes)	0
A-5, B	Saint John Harbour & St. Martin's	18
A-5, C	Parrsboro	5
Total:		23

Material Transportation & Storage Material storage by: Contractor Material Transportation by: Canadian Coast Guard
Off season lantern storage by: Contractor

Coast Guard Depot: Saint John, NB

Commissioning date: N/A

Decommissioning date: N/A

Total no. of buoys: 23

Max. buoy size(m) diameter : 2.0 m plastic

Maximum anchor size (weight (kg)): 1818

Maximum buoy weight (kg) : 300

Maximum water depth (m) : 28

Operational Season: Year round navigation

Overview of work activities: All buoys are 'year round' and 6 buoys are lit.
At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers.
Decommissioning work includes removal of lanterns.
The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement.
Unscheduled work includes response to discrepancies during the operational season.

Comment: *There are 2 stakes included in the contract area.*
The sub areas will be tendered as separate contracts.

Contract Area name: Saint John Harbour - Bay of Fundy

Contract Area no.: A-5, A-C

Transitioning from current contract structure and schedule to new contract structure and schedule

There are three current contracts in place for this Contract Area.

All current contracts expire in July 2015.

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-5B	110.000	JC20	2m Balmoral Ele. Plas.	2m Balmoral Ele. Plas.	M2771	Showing Improper Character / Caractéristiques Inexactes	23/09/2011	1
A-5B	110.000	JC20	2m Balmoral Ele. Plas.	2m Balmoral Ele. Plas.	M3530	Extinguished / Éteinte	29/12/2011	1
A-5B	100.200	JD	1.25m plastique plate	1.25m plastic Can	M962	Extinguished / Éteinte	01/05/2011	2
A-5B	5101.350	J5	1.6m Cotière plate	1.6m Coastal Can	M318	Off Position / Hors Position	16/02/2013	2
A-5B	5101.350	J5	1.6m Cotière plate	1.6m Coastal Can	M0049	On It's Side / Couchée	02/01/2009	2
A-5B	5102.100	JC1	GDI 1.22m plate	GDI 1.22m Can	M1676	Off Position / Hors Position	08/07/2009	2
A-5B	5102.100	JC1	GDI 1.22m plate	GDI 1.22m Can	M1653	Off Position / Hors Position	07/07/2009	2
A-5B	5102.160	J16	1.6m Cotière conique	1.6m Coastal Conical	M0048	On It's Side / Couchée	02/01/2009	2
A-5B	102.180	J18	GDI 1.22m conique	GDI 1.22m Conical	M2020	Extinguished / Éteinte	30/08/2013	2
A-5B	102.180	J18	GDI 1.22m conique	GDI 1.22m Conical	M1260	Off Position / Hors Position	07/06/2013	2
A-5B	102.180	J18	GDI 1.22m conique	GDI 1.22m Conical	M0632	Off Position / Hors Position	09/04/2009	2
A-5B	102.180	J18	GDI 1.22m conique	GDI 1.22m Conical	M0616	Off Position / Hors Position	08/04/2009	2
A-5B	102.180	J18	GDI 1.22m conique	GDI 1.22m Conical	M0615	Extinguished / Éteinte	08/04/2009	2
A-5B	102.190	J19	1.5m SB 98 plastique	1.5m SB 98 plastic	M2881	Off Position / Hors Position	22/10/2009	2
A-5B	102.190	J19	1.5m SB 98 plastique	1.5m SB 98 plastic	M0511	Off Position / Hors Position	26/03/2009	2
A-5B	5103.300	JC3	1.25m plastique plate	1.25m plastic Can	M2642	Off Position / Hors Position	12/09/2011	2
A-5B	5103.300	JC3	1.25m plastique plate	1.25m plastic Can	M771	Off Position / Hors Position	12/04/2011	2
A-5B	5103.300	JC3	1.25m plastique plate	1.25m plastic Can	M0330	Not Reliable / pas fiable	19/02/2009	2
A-5B	5103.300	JC3	1.25m plastique plate	1.25m plastic Can	M0330	Off Position / Hors Position	19/02/2009	2
A-5B	5105.700	JC7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M783	Partially Submerged / Partiellement Submergée	30/04/2013	2
A-5B	5105.800	JC8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2529		13/09/2010	2
A-5B	5105.800	JC8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2070	Off Position / Hors Position	10/08/2010	2
A-5B	5105.800	JC8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1777	Off Position / Hors Position	17/07/2009	2
A-5B	106.100	JC10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1923	Off Position / Hors Position	25/07/2010	2
A-5B	106.100	JC10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0388	Extinguished / Éteinte	13/02/2010	2
A-5B	5106.110	JC11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1941	Off Position / Hors Position	05/08/2009	2
A-5B	5106.130	JC13	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1580	Off Position / Hors Position	12/07/2013	2

Janvier 2009 - décembre 2013

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-5B	108.160	JC16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2173	Extinguished / Éteinte	04/09/2012	2
A-5B	108.160	JC16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2200/12	Extinguished / Éteinte	05/09/2012	2
A-5B	5108.180	JC18	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2173	Extinguished / Éteinte	04/09/2012	2
A-5B	5108.180	JC18	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2067	Off Position / Hors Position	15/08/2009	2
A-5B	5110.500	JC21	0.7m Ice plate	0.7m Ice Can	M857	Off Position / Hors Position	27/04/2012	3
A-5B	5110.500	JC21	0.7m Ice plate	0.7m Ice Can	M820	Off Position / Hors Position	24/04/2012	3
A-5B	5110.500	JC21	0.7m Ice plate	0.7m Ice Can	M821	Off Position / Hors Position	24/04/2012	3
Note:	There is no outage history for the sub-contract area A-5A or A5C in the five year records used for this report. For the purpose of bidding, assume there is one outage per operational season and that the outage type is 'buoy off position /lost'							
Note:	Il n'y a pas d'historique de panne pour la sous-zone de contrat A-5A ou A-5C pour les cinq années utilisées dans ce rapport. Aux fins de l'appel d'offres, assumez qu'il y a une panne par saison d'opération et que le type de panne est une bouée hors position/ perdu							

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-5	100.200	JD	Lower Cove Cautionary Light buoy JD	4117	Night	1.25m plastic can		Plastic	Yellow	Year Round	4.00	45º 15' 43.4"	66º 3' 26.6"	2500	lb	Serrated	18	20	Chain	2016	3	2
A-5	102.180	J18	Hilyards Reef Light Buoy J18	4117	Night	GDI 1.22m Conical		Plastic	Red	Year Round	6.40	45º 16' 13.3"	66º 4' 17.9"	4000	lb	Concrete	27	26	Chain	2016	3	2
A-5	102.190	J19	Navy Island light buoy J19	4117	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	3.60	45º 16' 8.8"	66º 4' 23"	2500	lb	Serrated	27	20	Chain	2016	3	2
A-5	106.100	JC10	Courtenay Bay light Buoy JC10	4117	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.40	45º 15' 33.4"	66º 2' 43.8"	1250	lb	Serrated	18	26	Chain	2016	3	2
A-5	108.160	JC16	Courtenay Bay Light Buoy JC16	4117	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	4.30	45º 15' 52.6"	66º 2' 32.6"	1250	lb	Serrated	18	20	Chain	2016	3	2
A-5	110.000	JC20	Courtenay Basin light buoy JC20	4117	Night	2m Balmoral Ele. Plas.		Plastic	Red	Year Round	3.20	45º 16' 11.15"	66º 2' 23.51"	2500	lb	Serrated	15	28	Chain	2016	3	1
A-5	5101.350	J5	Partridge Island J5	4117	Unlit	1.6m Coastal Can		Steel	Green	Year Round	8.20	45º 14' 28.4"	66º 2' 51.9"	4000	lb	Concrete	41	32	Chain	2019	5	2
A-5	5102.100	JC1	Courtenay Bay Channel JC1	4117	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	5.50	45º 15' .5"	66º 3' 1.9"	4000	lb	Concrete	18	28	Chain	2019	5	2
A-5	5102.160	J16	Round Reef J16	4117	Unlit	1.6m Coastal Conical		Steel	Red	Year Round	8.20	45º 15' 27.8"	66º 3' 18.9"	2500	lb	Serrated	27	28	Chain	2019	5	2
A-5	5103.300	JC3	Courtenay Bay JC3	4117	Unlit	1.25m plastic can		Plastic	Green	Year Round	5.50	45º 15' 6.5"	66º 3' 1.1"	1250	lb	Serrated	18	26	Chain	2019	5	2
A-5	5105.700	JC7	Courtenay Bay JC7	4117	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	45º 15' 23.6"	66º 2' 57.5"	1250	lb	Serrated	18	20	Chain	2019	5	2
A-5	5105.800	JC8	Courtenay Bay Turn JC8	4117	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.10	45º 15' 23.6"	66º 2' 47.1"	1250	lb	Serrated	41	26	Chain	2019	5	2
A-5	5106.110	JC11	Courtenay Bay JC11	4117	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	45º 15' 34.7"	66º 2' 50.8"	2000	lb	Concrete	18	20	Chain	2019	5	2
A-5	5106.130	JC13	Courtenay Bay JC13	4117	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	45º 15' 42.7"	66º 2' 46"	2000	lb	Concrete	13	20	Chain	2019	5	2
A-5	5108.180	JC18	Courtenay Bay JC18	4117	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.40	45º 16' 1.4"	66º 2' 28.4"	1250	lb	Serrated	13	26	Chain	2019	5	2
A-5	5110.500	JC21	Courtenay Basin Green Spar JC21	4117	Unlit	0.7m Ice Can	1923	Plastic	Green	Year Round	5.50	45º 16' 21.8"	66º 2' 39.6"	1250	lb	Steel Block	18	20	Chain	2019	5	3
A-5	5148.200	KU2	Quaco Shoal KU2	4010	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	14.00	45º 19' 38.31"	65º 31' 7.82"	2500	lb	Serrated	41	20	Chain	2015	3	3
A-5	5148.400	KU4	Quaco Shoal West KU4	4010	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	13.50	45º 20' 11.31"	65º 31' 12.82"	2500	lb	Serrated	41	26	Chain	2015	3	3
A-5	5171.100	MP1	Crane Point MP1	4399	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	2.00	45º 22' 41.12"	64º 19' 7.15"	1500	lb	Serrated	18	20	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-5	5171.200	MP2	McLaughlin Point MP2	4399	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	1.20	45º 22' 50.7"	64º 17' 45.8"	1500	lb	Serrated	18	26	Chain	2015	3	3
A-5	5171.300	MP3	Parrsboro Harbour MP3	4399	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	2.00	45º 22' 52.42"	64º 18' 32.65"	1500	lb	Serrated	18	26	Chain	2015	3	3
A-5	5171.500	MP5	Lighthouse Point MP5	4399	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	4.00	45º 23' 15.92"	64º 18' 53.15"	1500	lb	Serrated	18	26	Chain	2015	3	3
A-5	5173.800	MP8	Parrsboro Harbour Inner MP8	4399	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.00	45º 23' 25.92"	64º 19' 25.65"	1500	lb	Serrated	18	26	Chain	2015	3	3

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Digby to St.Mary's
Contract Area no.:	A-6
Province(s):	Nova Scotia
Contract Area Description:	Includes area between Digby and Port Maitland, including St. Mary's Bay.
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Saint John, NB
Commissioning date:	N/A
Decommissioning date:	N/A
Total no. of buoys:	36
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	261
Maximum buoy weight (kg) :	500
Maximum water depth (m) :	48
Operational Season:	Year round navigation
Overview of work activities:	All buoys are 'year round' and 14 buoys are lit. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. The work also includes planned cyclical mooring replacement every 5 years; refer to detailed buoy data for schedule of next replacement. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.

Contract Area name:	Digby to St.Mary's
Contract Area no.:	A-6

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

EXISTING CONTRACT	
Name / Number of buoys	
Annapolis	9
East Sandy Cove	4
Grand Passage	3
Meteghan	8
Sissiboo	12
Total:	36

All current contracts expire in July 2015. The new contract will start on July 2nd, 2015.
Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-6	HC2	239	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	26	55	Sealite Trident-1400	Cast-Iron/fonte	1134	26	55
A-6	HE	237	1.4m Buoy / 1.4m bouée		1134	227	26	27	Sealite Trident-1400		1134	26	27

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-6	204.000	V1	Bear Island Light Buoy V1	4396	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	11.00	44º 38' 57.857"	65º 44' 48.835"	2500	lb	Concrete	27	26	Chain	2016	3	2
A-6	205.000	V2	The Raquette light buoy V2	4396	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	44º 37' 55.3602"	65º 45' 5.8398"	2500	lb	Serrated	18	20	Chain	2016	3	3
A-6	206.000	V6	Digby Pier light buoy V6	4396	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	16.00	44º 37' 34.5"	65º 45' 3.8"	2500	lb	Serrated	27	20	Chain	2016	3	2
A-6	209.300	VE3	Black Point Light Buoy VE3	4396	Night	1.25m plastic can		Plastic	Green	Year Round	5.50	44º 40' 57.3588"	65º 39' 7.8378"	2500	lb	Serrated	27	26	Chain	2016	3	3
A-6	209.800	VE4	Goat Island light buoy VE4	4396	Night	0.75m SB 105 Conical	52	Plastic	Red	Year Round	11.00	44º 42' 18.8568"	65º 37' 16.8378"	2500	lb	Serrated	27	20	Chain	2016	3	3
A-6	210.300	VE5	Marsh Point light buoy VE5	4396	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	9.10	44º 42' 47.6"	65º 34' 42.5"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-6	232.100	HJ1	Sissiboo Outer HJ1	4118	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	4.40	44º 26' 54.6"	66º 1' 15.9"	2000	lb	Concrete	13.5	26	Chain	2016	3	2
A-6	234.300	HK3	East Sandy Cove Light Buoy HK3	4118	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	11.00	44º 28' 48.5"	66º 4' 39"	1250	lb	Serrated	27	26	Chain	2016	3	2
A-6	237.000	HE	Saulnierville light buoy HE	4118	Night	1.4m Buoy	1811	Steel	Red-white	Year Round	12.80	44º 16' 0"	66º 9' 24"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-6	239.000	HC2	Meteghan light buoy HC2	4118	Night	1.4m Buoy	1811	Steel	Red	Year Round	12.80	44º 11' 43"	66º 12' 0"	2500	lb	Serrated	55	26	Chain	2016	3	2
A-6	239.300	HC3	Meteghan Outer Light Buoy HC3	4118	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.00	44º 11' 51"	66º 10' 54"	3000	lb	Serrated	18	26	Chain	2016	3	2
A-6	239.400	HC4	Meteghan Inner Light Buoy HC4	4118	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.00	44º 11' 50"	66º 10' 12"	2500	lb	Concrete	27	26	Chain	2016	3	2
A-6	246.000	NU	Port Maitland light buoy NU	4243	Night	0.6m SB 60 Spar Conical PI		Plastic	Red-white	Year Round	11.00	43º 59' 36.271"	66º 10' 17.97"	2500	lb	Serrated	55	20	Chain	2016	3	2
A-6	250.010	NU2	Port Maitland Breakwater Light Spar NU2	4243	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	4.00	43º 59' 12.12"	66º 9' 40.38"	2000	lb	Concrete	12	26	Chain	2016	3	2
A-6	5209.100	VE1	Port Wade VE1	4396	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.70	44º 40' 5.358"	65º 41' 26.8368"	1250	lb	Serrated	18	20	Chain	2015	3	3
A-6	5209.200	VE2	Clementsport Spar VE2	4396	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.70	44º 40' 32.364"	65º 38' 57.837"	1250	lb	Serrated	18	20	Chain	2015	3	3
A-6	5210.600	VE6	Soldiers Ledge Spar VE6	4396	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.40	44º 44' 20.8632"	65º 31' 32.8398"	1250	lb	Serrated	27	20	Chain	2015	3	3
A-6	5220.300	HA3	Dyke Point HA3	4118	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.10	44º 16' 12"	66º 20' 40"	2000	lb	Concrete	27	26	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-6	5220.500	HAA	Grand Passage Shoal HAA	4118	Unlit	1.5m SB 98 plastic	261	Plastic	Black-red-black	Year Round	7.50	44º 15' 51"	66º 20' 23"	2500	lb	Serrated	27	26	Chain	2016	3	3
A-6	5232.010	HJ10	Sissiboo River HJ10	4118	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	1.40	44º 26' 22.3"	66º 0' 33.4"	1250	lb	Serrated	13.5	26	Chain	2017	3	3
A-6	5232.110	HJ11	Sissiboo River HJ11	4118	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	1.50	44º 26' 18.8"	66º 0' 25.9"	2000	lb	Concrete	13.5	26	Chain	2017	3	3
A-6	5232.120	HJ12	Sissiboo River HJ12	4118	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	1.80	44º 26' 17.4"	66º 0' 28.1"	1250	lb	Serrated	13.5	26	Chain	2016	3	3
A-6	5232.200	HJ2	Sissiboo Outer HJ2	4118	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	4.60	44º 26' 51"	66º 1' 15.8"	1250	lb	Serrated	13.5	26	Chain	2016	3	3
A-6	5232.300	HJ3	Sissiboo Middle HJ3	4118	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	2.30	44º 26' 44.5"	66º 1' 1.1"	2000	lb	Concrete	13.5	26	Chain	2017	3	3
A-6	5232.400	HJ4	Sissiboo Middle HJ4	4118	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	2.30	44º 26' 44.5"	66º 1' 3.4"	1250	lb	Serrated	13.5	26	Chain	2016	3	3
A-6	5232.500	HJ5	Sissiboo Inner HJ5	4118	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	2.50	44º 26' 36.8"	66º 0' 48.6"	1250	lb	Serrated	13.5	26	Chain	2017	3	3
A-6	5232.600	HJ6	Sissiboo Inner HJ6	4118	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	2.50	44º 26' 36.3"	66º 0' 50"	1250	lb	Serrated	13.5	26	Chain	2017	3	3
A-6	5232.700	HJ7	Sissiboo Inner HJ7	4118	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.30	44º 26' 28.5"	66º 0' 37"	1250	lb	Serrated	13.5	26	Chain	2016	3	3
A-6	5232.800	HJ8	Sissiboo Inner HJ8	4118	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	2.50	44º 26' 29.5"	66º 0' 41.6"	1250	lb	Serrated	13.5	20	Chain	2016	3	3
A-6	5232.900	HJ9	Sissiboo Wharf HJ9	4118	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	1.80	44º 26' 22.7"	66º 0' 30.2"	1250	lb	Serrated	13.5	26	Chain	2015	3	3
A-6	5234.500	HK5	East Sandy Cove Outer HK5	4118	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	2.60	44º 29' 0"	66º 4' 51"	1250	lb	Serrated	13	26	Chain	2015	3	3
A-6	5234.700	HK7	East Sandy Cove Middle HK7	4118	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.60	44º 29' 3.5"	66º 4' 56.5"	500	lb	Concrete	14	16	Chain	2016	3	3
A-6	5234.900	HK9	East Sandy Cove Inner HK9	4118	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.60	44º 29' 8.5"	66º 5' 3.5"	500	lb	Concrete	14	16	Chain	2016	3	3
A-6	5240.100	HD1	Meteghan River Outer HD1	4118	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.00	44º 13' 34.6"	66º 9' 11.4"	2500	lb	Serrated	12	26	Chain	2016	3	3
A-6	5240.300	HD3	Meteghan River Inner HD3	4118	Unlit	GDI 0.9m Can		Plastic	Green	Year Round	1.00	44º 13' 30"	66º 8' 54"	1500	lb	Concrete	12	28	Chain	2016	3	3
A-6	5251.600	M6	North West Ledge M6	4118	Unlit	1.5m SB 98 plastic	261	Plastic	Red	Year Round	47.50	44º 19' 18"	66º 24' 14"	2500	lb	Serrated	82	26	Chain	2016	3	2

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Yarmouth and Approaches		
Contract Area no.:	A-7		
Province(s):	Nova Scotia		
Contract Area Description:	Includes Yarmouth Harbour and approaches.		
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Saint John, NB		
Commissioning date:	N/A		
Decommissioning date:	N/A		
Total no. of buoys:	25		
Max. buoy size(m) diameter :	1.9		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	500		
Maximum water depth (m) :	10		
Operational Season:	Year round navigation		
Overview of work activities:	All buoys are 'year round' and 6 buoys are lit. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. The work also includes planned cyclical mooring replacement every 3 years, except for LL # 262 which is changed every 2 years. Refer to detailed buoy data for schedule of next replacement. Unscheduled work includes response to discrepancies during the operational season.		

Contract Area name:	Yarmouth and Approaches
Contract Area no.:	A-7

Transitioning from current contract structure and schedule to new contract structure and schedule

There is an existing contract in place for this contract area.
The current contract expires in July 2015. The new contract will start on July 2nd, 2015.
Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-7	260.500	Y5	Johns Cove light buoy Y5	4245	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	8.20	43° 47' 50.301"	66° 8' 44.89"	1250	lb	Serrated	27	20	Chain	2016	3	2
A-7	262.000	Y12	Privateer Rock light buoy Y12	4245	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.60	43° 48' 33.998"	66° 8' 38.79"	1250	lb	Serrated	18	20	Chain	2016	3	2
A-7	264.000	Y17	Sollows Rock East light buoy Y17	4245	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.00	43° 48' 50.201"	66° 8' 40.09"	1250	lb	Serrated	14	26	Chain	2016	3	2
A-7	265.000	Y24	Yarmouth Main Channel light buoy Y24	4245	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.60	43° 49' 33.699"	66° 7' 54.19"	1250	lb	Serrated	14	26	Chain	2016	3	2
A-7	266.000	Y26	Yarmouth South Channel light buoy Y26	4245	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.00	43° 49' 51.599"	66° 7' 38.792"	1250	lb	Serrated	14	26	Chain	2016	3	2
A-7	267.000	Y4	Hen and Chickens light buoy Y4	4245	Night	1.9m Mobilis Jet 2000 JPE	500	Plastic	Red	Year Round	9.00	43° 47' 41.501"	66° 8' 36.39"	2500	lb	Steel Block	37	32	Chain	2016	3	1
A-7	5260.100	Y8	Yarmouth Sound Inner Y8	4245	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.40	43° 48' 21.501"	66° 8' 36.69"	2000	lb	Stone	18	20	Chain	2016	3	2
A-7	5260.210	Y19	Fish Point South Y19	4245	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43° 49' .2"	66° 8' 29.5"	1250		Serrated	14	26	Chain	2016	3	2
A-7	5260.220	Y18	Bunker Island Y18	4245	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.60	43° 48' 52.999"	66° 8' 29.691"	2000	lb	Concrete	14	26	Chain	2016	3	2
A-7	5260.230	Y21	Fish Point North Y21	4245	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43° 49' 10.898"	66° 8' 18.992"	1500	lb	Serrated	14	26	Chain	2016	3	2
A-7	5260.240	Y20	Battery Point Y20	4245	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	43° 49' 6.301"	66° 8' 14.488"	2000	lb	Concrete	14	26	Chain	2016	3	2
A-7	5260.260	Y22	Battery Point North Y22	4245	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.60	43° 49' 22.1"	66° 8' 4.189"	2000	lb	Stone	14	26	Chain	2016	3	2
A-7	5260.270	Y23	Elders Head Y23	4245	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43° 49' 22.502"	66° 8' 9.189"	1500	lb	Serrated	14	26	Chain	2016	3	2
A-7	5260.600	Y6	Yarmouth Sound Outer Y6	4245	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.40	43° 47' 55.999"	66° 8' 36.29"	2000	lb	Concrete	18	20	Chain	2016	3	2
A-7	5260.700	Y7	Johns Cove Y7	4245	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43° 47' 59.301"	66° 8' 44.39"	2000	lb	Concrete	14	26	Chain	2016	3	2
A-7	5262.160	Y14	Bug Light Y14	4245	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.60	43° 48' 41.499"	66° 8' 38.79"	2000	lb	Stone	14	26	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-7	5262.180	Y16	Little Bunker Island Y16	4245	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	43º 48' 44.501"	66º 8' 37.69"	2000	lb	Concrete	14	26	Chain	2016	3	2
A-7	5262.300	YC1	Yarmouth Bar Outer Green Spar YC1	4245	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.00	43º 48' 48.18"	66º 8' 48.36"	1000	lb	Concrete	7	16	Chain	2016	3	3
A-7	5262.400	YC2	Yarmouth Bar Middle YC2	4245	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.90	43º 48' 51"	66º 8' 49.8"	1000	lb	Concrete	7	16	Chain	2016	3	3
A-7	5262.500	YC3	Yarmouth Bar Inner YC3	4245	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	43º 48' 54.42"	66º 8' 55.38"	500	lb	Concrete	7	16	Chain	2016	3	1
A-7	5263.100	Y25	Elders Head North Y25	4245	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.60	43º 49' 34.499"	66º 7' 58.69"	1250	lb	Serrated	14	26	Chain	2016	3	2
A-7	5266.100	Y27	Wyman Head Y27	4245	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.60	43º 49' 55.5"	66º 7' 41.691"	1500	lb	Serrated	14	26	Chain	2016	3	2
A-7	5266.500	Y29	Doctors Island Y29	4245	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43º 50' 3.4"	66º 7' 36.589"	2000	lb	Concrete	14	26	Chain	2016	3	2
A-7	5266.700	Y31	Doctors Island Y31	4245	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43º 50' 9.6"	66º 7' 31.29"	1500	lb	Serrated	14	26	Chain	2016	3	2
A-7	5269.120	Y10	Cornish Rock Y10	4245	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.10	43º 48' 29.4"	66º 8' 37.79"	2000	lb	Stone	18	20	Chain	2016	3	2

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AF Contract Area Overview.

Contract Area name:	Chebogue to Lower East Pubnico		
Contract Area no.:	A-8		
Province(s):	Nova Scotia		
Contract Area Description:	Includes the area from Central Chebogue to Central Woods Harbour		
Material Transportation & Storage	Material storage by: Contractor	Material Transportation by: Canadian Coast Guard	
Coast Guard Depot:	Off season lantern storage by: Contractor Saint John, NB		
Commissioning date:	N/A		
Decommissioning date:	N/A		
Total no. of buoys:	116		
Max. buoy size(m) diameter :	1.75		
Maximum anchor size (weight (kg)):	2270		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	22		
Operational Season:	Year round navigation		
Overview of work activities:	All buoys are 'year round' and 29 buoys are lit. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule. There are 39 stakes included in the contract area.		

Contract Area name:	Chebogue to Lower East Pubnico
Contract Area no.:	A-8

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 9 current contracts included in this contract area, as follows:

EXISTING CONTRACT Name / Number of buoys	
Wedgeport (no buoys and 39 stakes)	0
Chebogue	28
Goose Bay	9
Indian Sluice Bay	10
Lobster Bay	16
Pubnico Harbour	15
Tusket Island & Little River	19
Tusket River	9
Cockerwit Passage (partial)	10
Total:	116

All current contracts expire in July 2015.

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-8	AA3	296.3	1.4m Buoy / 1.4m bouée	Concrete / béton	1814	227	28	10	GDI 1.5m Skirt	Cast-Iron or Concrete / fonte ou béton	1134 or 1814	28	10
A-8	AC1	296.2	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	26	18.3	GDI 1.5m Skirt	Cast-Iron/fonte	1134	26	18.3
A-8	NE2	285.2	1.4m Buoy / 1.4m bouée	Concrete / béton	1814	227	20	27	Sealite Trident-1400	Cast-Iron or Concrete / fonte ou béton	1134 or 1814	26	27
A-8	T3	285	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	26	27	GDI 1.5m Skirt	Cast-Iron/fonte	1134	26	27

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-8	271.000	E	Chebogue Point South Cardinal buoy E	4243	Night	SB-138 plastic(Tideland)		Plastic	Yellow-black	Year Round	9.10	43º 43' 46.6"	66º 7' 6.8"	2500	lb	Serrated	27	28	Chain	2016	3	2
A-8	271.300	E3	Chebogue River Inner Light Buoy E3	4243	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.00	43º 44' 54.279"	66º 6' 3.963"	500	lb	Concrete	11	16	Chain	2016	3	2
A-8	271.800	E8	Chebogue River Light Buoy E8	4243	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.20	43º 45' 5.278"	66º 5' 16.961"	500	lb	Concrete	11	To Be Fixed	Chain	2016	3	2
A-8	271.900	E9	Chebogue River Inner Light Buoy E9	4243	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 45' 11.278"	66º 5' 7.961"	500	lb	Concrete	11	To Be Fixed	Chain	2016	3	3
A-8	272.110	E11	Chebogue River light buoy E11	4243	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 45' 18.278"	66º 5' 8.461"	500	lb	Concrete	11	14	Chain	2016	3	2
A-8	272.135	E13/5	Chebogue River Inner Light Buoy E13/5	4243	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 45' 41.5"	66º 5' 25.5"	500	lb	Concrete	11	To Be Fixed	Chain	2016	3	2
A-8	272.180	E18	Chebogue River Inner light Buoy E18	4243	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	43º 46' 9.278"	66º 5' 39.962"	500	lb	Concrete	11	To Be Fixed	Chain	2016	3	2
A-8	272.230	EA1	Chebogue Ledge EA1	4243	Night	1.25m plastic can		Plastic	Green	Year Round	3.50	43º 43' 9.281"	66º 7' 34.463"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-8	274.140	NS17/1	Little River Harbour. Light Buoy NS17/1	4244	Night	GDI 1.22m Can		Plastic	Green	Year Round	6.90	43º 42' 10.26"	66º 2' 21.54"	5000	lb	Concrete	18	26	Chain	2016	3	2
A-8	274.220	NSE	Schooner Rock Isolated Danger Light Buoy NSE	4244	Night	1.5m SB 98 plastic	261	Plastic	Black-red-black	Year Round	22.00	43º 39' 24"	66º 2' 28.5"	1250	lb	Serrated	55	26	Chain	2016	3	2
A-8	274.800	NS8	Haymaker Ledge light Buoy NS8	4244	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	7.30	43º 38' 21.343"	66º 1' 36.813"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-8	276.000	NS11	Schooner Passage light buoy NS11	4244	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	10.00	43º 39' 39.598"	66º 2' 58.033"	4000	lb	Concrete	27	26	Chain	2016	3	2
A-8	277.000	NS17	Pinkneys Point light buoy NS17	4244	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	43º 41' 52.265"	66º 3' 15.952"	2000	lb	Concrete	27	26	Chain	2016	3	2
A-8	285.000	T3	Frenchman Point light buoy T3	4244	Night	1.4m Buoy	1811	Steel	Green	Year Round	7.30	43º 38' 5.768"	65º 59' 59.322"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-8	285.200	NE2	Gull Ledge light buoy NE2	4244	Night	1.4m Buoy	1811	Steel	Red	Year Round	16.40	43º 37' 8.649"	65º 54' 51.394"	4000	lb	Concrete	27	20	Chain	2016	3	2
A-8	286.000	T9	Lobster Rock light buoy T9	4244	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	43º 39' 29.268"	65º 59' 11.938"	1250	lb	Serrated	18	20	Chain	2016	3	3

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-8	286.500	T7	Sylvin Ledge light buoy T7	4244	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	9.10	43º 38' 49.267"	65º 59' 13.939"	2000	lb	Concrete	27	20	Chain	2016	3	3
A-8	291.000	TC3	Lower Wedgeport light buoy TC3	4244	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	8.20	43º 41' 33.05"	65º 59' 27.733"	2000	lb	Concrete	18	26	Chain	2016	3	2
A-8	293.600	TA3	Western Bar Island South light buoy TA3	4244	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	7.30	43º 40' 12.414"	65º 57' 38.123"	1250	lb	Serrated	27	26	Chain	2016	3	2
A-8	293.700	TA5	Fish Ledge West light buoy TA5	4244	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	6.40	43º 41' 25.264"	65º 57' 51.943"	2000	lb	Concrete	27	26	Chain	2016	3	2
A-8	294.551	TE2	Indian Sluice Bay Light Buoy TE2	4244	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	7.30	43º 44' 4.56"	65º 56' 41.64"	2000	lb	Concrete	15	26	Chain	2016	3	2
A-8	294.560	TE10	Mikes Island Ledge light buoy TE10	4244	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	7.50	43º 45' 7.761"	65º 56' 39.342"	2000	lb	Concrete	14	26	Chain	2016	3	2
A-8	294.700	ND	East Money Outer South Cardinal Light Buoy ND	4244	Night	0.6m SB 60 Spar Can Pl		Plastic	Yellow-black	Year Round	6.00	43º 40' 48.269"	65º 53' 57.95"	1250	lb	Steel Block	18	20	Chain	2016	3	2
A-8	296.200	AC1	Abbotts Harbour light buoy AC1	4244	Night	1.4m Buoy	1811	Steel	Green	Year Round	10.00	43º 39' 25.116"	65º 49' 29.032"	2500	lb	Serrated	10	28	Chain	2016	3	2
A-8	296.300	AA3	Ledge Harbour light buoy AA3	4244	Night	1.4m Buoy	1811	Steel	Green	Year Round	3.00	43º 38' 47.843"	65º 49' 12.353"	4000	lb	Concrete	10	28	Chain	2016	3	2
A-8	297.600	A6	Pumpkin Ledge Light Buoy A6	4244	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	5.50	43º 40' 33.317"	65º 51' 25.314"	2000	lb	Concrete	18	26	Chain	2016	3	3
A-8	300.000	P5	Pubnico Ledges light buoy P5	4210	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	16.40	43º 36' 16.3"	65º 46' 53.9"	4000	lb	Concrete	41	26	Chain	2016	3	2
A-8	301.500	PB	Dennis Point Shoal bifurcation light buoy PB	4210	Night	1.5m SB 98 plastic	261	Plastic	Green-red-green	Year Round	7.00	43º 37' 3"	65º 47' 2"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-8	302.500	P1	Pubnico Green Light Spar Buoy P1	4210	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	9.10	43º 35' 10.3"	65º 48' 13.9"	1250	lb	Serrated	20	20	Chain	2016	3	2
A-8	5270.200	NU2	Turpentine Channel Outer NU2	4244	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.00	43º 39' 3.267"	66º 2' 1.949"	500	lb	Concrete	18	16	Chain	2015	3	3
A-8	5270.300	NU3	Turpentine Channel Outer NU3	4244	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	8.20	43º 39' 5.462"	66º 2' 5.244"	500	lb	Concrete	18	16	Chain	2016	3	3
A-8	5270.500	NU5	Turpentine Channel Middle NU5	4244	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.40	43º 39' 6.263"	66º 2' 2.847"	500	lb	Concrete	14	16	Chain	2016	3	3
A-8	5270.600	NU6	Turpentine Middle NU6	4244	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.40	43º 39' 6.471"	66º 1' 53.139"	500	lb	Concrete	14	16	Chain	2016	3	3
A-8	5270.700	NU7	Turpentine Upper Middle NU7	4244	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	43º 39' 7.964"	66º 1' 59.239"	500	lb	Concrete	14	16	Chain	2016	3	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-8	5270.800	NU8	Turpentine Channel Inner NU8	4244	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.60	43º 39' 13.164"	66º 1' 49.749"	500	lb	Concrete	14	16	Chain	2016	3	3
A-8	5270.900	NU9	Turpentine Channel Inner NU9	4244	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.20	43º 39' 15.27"	66º 1' 53.942"	500	lb	Concrete	13	16	Chain	2016	3	3
A-8	5271.100	E1	Chebogue River Middle E1	4243	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.70	43º 44' 24.28"	66º 6' 24.963"	500	lb	Concrete	14	16	Chain	2016	3	3
A-8	5271.500	E5	Chebogue River E5	4243	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.50	43º 44' 57.279"	66º 5' 44.962"	500	lb	Concrete	14	16	Chain	2016	3	3
A-8	5271.510	EA	Chebogue Ledge North Cardinal Buoy EA	4243	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Black-yellow	Year Round	7.00	43º 43' 24.4"	66º 8' 1.1"	1250	lb	Serrated	27	26	Chain	2016	3	2
A-8	5271.700	E7	Chebogue River E7	4243	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 45' 2.778"	66º 5' 24.961"	500	lb	Concrete	11	16	Chain	2016	3	3
A-8	5271.910	EB	Chebogue River North EB	4243	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow	Year Round	3.60	43º 45' 11.778"	66º 5' 3.961"	500	lb	Concrete	11	16	Chain	2016	3	3
A-8	5272.120	E12	Chebogue River E12	4243	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	43º 45' 24.778"	66º 5' 3.961"	500	lb	Concrete	11	16	Chain	2016	3	3
A-8	5272.130	E13	Chebogue River E13	4243	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 45' 29.378"	66º 5' 14.861"	500	lb	Concrete	14	16	Chain	2016	3	3
A-8	5272.150	E15	Chebogue River E15	4243	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 45' 55.278"	66º 5' 32.962"	500	lb	Concrete	11	16	Chain	2016	3	3
A-8	5272.160	E16	Chebogue River Middle E16	4243	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	43º 46' 1.278"	66º 5' 34.462"	500	lb	Concrete	14	14	Chain	2016	3	3
A-8	5272.200	E20	Chebogue River Inner E20	4243	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	43º 46' 21.877"	66º 5' 37.562"	500	lb	Concrete	11	16	Chain	2016	3	3
A-8	5272.210	E21	Chebogue River E21	4243	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 46' 27.277"	66º 5' 40.462"	500	lb	Concrete	14	16	Chain	2016	3	3
A-8	5272.220	E22	Chebogue River E22	4243	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.00	43º 46' 32.277"	66º 5' 34.962"	500	lb	Concrete	11	To Be Fixed	Chain	2016	3	3
A-8	5272.240	EA2	Chebogue River Southwest Reef Ledge EA2	4243	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	12.30	43º 43' 9.282"	66º 6' 19.961"	1250	lb	Serrated	24	26	Chain	2016	3	3
A-8	5272.260	EA4	Chebogue River Northeast Reef Ledge EA4	4243	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	43º 43' 36.281"	66º 6' 12.961"	2500	lb	Serrated	15	26	Chain	2016	3	3
A-8	5272.270	EA5	Robin Head EA5	4243	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Year Round	2.50	43º 44' 5.28"	66º 5' 6.96"	2000	lb	Concrete	13	26	Chain	2016	3	3

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-8	5272.290	EA7	Cooks Beach EA7	4243	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 44' 38.779"	66º 5' 8.961"	500	lb	Concrete	11	To Be Fixed	Chain	2016	3	3
A-8	5272.310	EA9	Beal Island EA9	4243	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.20	43º 44' 53.2"	66º 4' 54.7"	500	lb	Concrete	11	16	Chain	2016	3	3
A-8	5272.320	EA10	Middle Ground EA10	4243	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.30	43º 45' 1.279"	66º 4' 52.96"	500	lb	Concrete	11	16	Chain	2016	3	3
A-8	5273.010	NN1	Gannet Dry Ledge NN1	4243	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	20.10	43º 36' 48"	66º 10' 4"	5000	lb	Concrete	55	26	Chain	2015	3	3
A-8	5274.020	NS2	Harriet Ledge NS2	4244	Unlit	GDI 1.22m Can		Plastic	Red	Year Round	9.10	43º 36' 26.306"	66º 2' 31.89"	2500	lb	Serrated	37	26	Chain	2016	3	2
A-8	5274.130	NS13	Murder Island Ledge NS13	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.10	43º 40' 27.289"	66º 2' 47.889"	1250	lb	Serrated	27	20	Chain	2015	3	3
A-8	5274.140	NS14	Calf Island NS14	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	43º 40' 50.76"	66º 2' 57.965"	1250	lb	Serrated	27	20	Chain	2015	3	3
A-8	5274.160	NS16	Cow Ledge NS16	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.30	43º 41' 11.362"	66º 3' 2.663"	1250	lb	Serrated	18	20	Chain	2015	3	3
A-8	5274.180	NS18	Little River Outer NS18	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	2.70	43º 42' 15.529"	66º 2' 12.556"	1250	lb	Serrated	14	26	Chain	2015	3	3
A-8	5274.210	NS20	Little River Inner NS20	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	43º 42' 31.63"	66º 2' 2.412"	1250	lb	Serrated	18	20	Chain	2015	3	3
A-8	5274.600	NS6	Pease Island Ledge NS6	4244	Unlit	1.5m SB 98 plastic	261	Plastic	Red	Year Round	7.30	43º 37' 49.272"	66º 1' 22.952"	2500	lb	Serrated	27	26	Chain	2015	3	2
A-8	5274.900	NS9	Allen Rock NS9	4244	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Year Round	7.30	43º 38' 22.085"	66º 2' 5.339"	2500	lb	Serrated	27	26	Chain	2015	3	3
A-8	5285.300	NDA	Jones Ledge South NDA	4244	Unlit	SB-138 plastic(Tideland)		Plastic	Green-red-green	Year Round	7.30	43º 40' 46.263"	65º 52' 39.93"	4000	lb	Concrete	15	26	Chain	2017	3	3
A-8	5285.600	NH2	Money Ledge NH2	4244	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	4.50	43º 41' 53.747"	65º 54' 29.267"	2000	lb	Concrete	14	26	Chain	2017	3	3
A-8	5285.700	NEA	Dollard Rock NEA	4244	Unlit	1.5m SB 98 plastic	261	Plastic	Red-green-red	Year Round	7.30	43º 38' 13.274"	65º 55' 27.449"	4000	lb	Concrete	27	26	Chain	2017	3	2
A-8	5291.200	TC	Wedge Point South TC	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	4.10	43º 41' 12.6"	65º 58' 53.8"	1250	lb	Steel Block	14	26	Chain	2015	3	3
A-8	5291.500	TF1	Chebeck Cove TF1	4244	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.20	43º 45' 19.269"	65º 58' 17.95"	500	lb	Concrete	14	16	Chain	2016	3	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-8	5292.130	T13	Green Island Ledge T13	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.60	43º 40' 19.036"	65º 59' 31.069"	1250	lb	Serrated	14	26	Chain	2015	3	3
A-8	5292.160	T16	Western Bar Island T16	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	2.70	43º 40' 59.653"	65º 59' 3.087"	2000	lb	Concrete	11	26	Chain	2015	3	3
A-8	5292.240	T24	Fish Lower Rock T24	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	4.60	43º 42' 20.261"	65º 57' 28.932"	1250	lb	Serrated	11	26	Chain	2016	3	3
A-8	5292.270	T27	Tucker Island Ledge T27	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.00	43º 42' 59.768"	65º 57' 20.939"	2000	lb	Concrete	15	26	Chain	2016	3	3
A-8	5292.330	T33	Tucker Ledge T33	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.00	43º 44' 47.764"	65º 57' 17.944"	2000	lb	Concrete	15	26	Chain	2015	3	3
A-8	5292.370	T37	Mike's Little Island T37	4244	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	43º 45' 15.272"	65º 57' 42.957"	1000	lb	Concrete	14	16	Chain	2015	3	3
A-8	5292.390	T39	Hare Island South T39	4244	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.60	43º 45' 25.773"	65º 57' 53.945"	1000	lb	Concrete	14	16	Chain	2015	3	3
A-8	5292.410	T41	Hare Island T41	4244	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	0.90	43º 45' 29.267"	65º 58' 9.944"	1000	lb	Concrete	14	16	Chain	2015	3	3
A-8	5292.420	T42	Hare Island North T42	4244	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.00	43º 45' 32.267"	65º 58' 16.452"	1000	lb	Concrete	20	16	Chain	2015	3	3
A-8	5292.430	T43	Muises Point T43	4244	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	43º 45' 41.257"	65º 58' 23.941"	1000	lb	Concrete	14	16	Chain	2015	3	3
A-8	5293.110	NB	Gooseberry Island South Cardinal NB	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	7.50	43º 40' 44.267"	65º 55' 40.929"	2000	lb	Concrete	18	26	Chain	2015	3	3
A-8	5293.120	NC	Money Island South Cardinal NC	4244	Unlit	GDI 1.22m Can		Plastic	Yellow-black	Year Round	4.60	43º 40' 49.267"	65º 54' 57.929"	2000	lb	Concrete	18	26	Chain	2015	3	3
A-8	5293.900	NAA	Gull Island North Cardinal NAA	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow	Year Round	8.00	43º 40' 34.266"	65º 55' 26.932"	1250	lb	Steel Block	18	26	Chain	2015	3	3
A-8	5294.510	TE1	Indian Sluice Bay TE1	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.70	43º 44' 11.771"	65º 56' 37.45"	1250	lb	Serrated	15	26	Chain	2015	3	3
A-8	5294.520	TE2/2	Indian Sluice Bay TE2/2	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.50	43º 44' 17.764"	65º 56' 30.437"	2000	lb	Concrete	15	26	Chain	2015	3	3
A-8	5294.530	TE4	Indian Sluice Bay TE4	4244	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.50	43º 44' 27.764"	65º 56' 26.734"	1000	lb	Concrete	15	20	Chain	2015	3	3
A-8	5294.540	TE6	Indian Sluice Bay TE6	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.70	43º 44' 38.761"	65º 56' 20.429"	2000	lb	Concrete	15	26	Chain	2015	3	3
A-8	5294.555	TE8	Indian Sluice Bay TE8	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.70	43º 44' 56.272"	65º 56' 25.944"	2000	lb	Concrete	15	26	Chain	2015	3	3

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-8	5294.570	TE12	Indian Sluice Bay TE12	4244	Unlit	0.3m, Plas. Swed. Ice Sp	65	Plastic	Red	Year Round	3.00	43° 45' 22.26"	65° 56' 39.941"	1000	lb	Concrete	14	20	Chain	2015	3	3
A-8	5294.580	TE13	Indian Sluice Bay TE13	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.20	43° 45' 39.264"	65° 56' 44.938"	2000	lb	Concrete	15	26	Chain	2015	3	3
A-8	5294.590	TE14	Sluice Point TE14	4244	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.20	43° 46' 13.772"	65° 56' 58.949"	1000	lb	Concrete	15	16	Chain	2015	3	3
A-8	5296.400	AA2	Ledge Harbour Red Spar AA2	4244	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.80	43° 38' 39.271"	65° 49' 38.55"	2000	lb	Concrete	14	20	Chain	2015	3	3
A-8	5297.100	A10	Tarrio Ledge A10	4244	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	5.50	43° 41' 10.275"	65° 51' 22.591"	2000	lb	Concrete	18	26	Chain	2015	3	2
A-8	5297.135	A	Camp Island South Isolated Danger Buoy A	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-red-black	Year Round	5.20	43° 42' 41.82"	65° 50' 32.64"	2000	lb	Concrete	18	26	Chain	2015	3	3
A-8	5297.200	A2	Whitehead Ledge A2	4244	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	12.80	43° 39' 50.274"	65° 51' 10.676"	2000	lb	Concrete	27	20	Chain	2015	3	2
A-8	5297.900	A9	Thrum Island A9	4244	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.00	43° 41' 11.708"	65° 51' 42.538"	2000	lb	Concrete	18	26	Chain	2015	3	3
A-8	5300.100	P8	Lobster Ledge P8	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.30	43° 36' 57.5"	65° 46' 50.8"	1500	lb	Serrated	18	20	Chain	2015	3	3
A-8	5300.120	P10	Pubnico Harbour P10	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.30	43° 37' 13.5"	65° 46' 52"	1500	lb	Serrated	18	20	Chain	2015	3	3
A-8	5300.122	P12	Pubnico Inner Red Spar P12	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.00	43° 37' 38"	65° 46' 41"	1500	lb	Serrated	20	20	Chain	2015	3	3
A-8	5300.140	P14	Pubnico Inner P14	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.60	43° 37' 49.5"	65° 46' 39"	1500	lb	Serrated	20	20	Chain	2015	3	3
A-8	5300.150	P15	Pubnico Inner P15	4210	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.60	43° 37' 57"	65° 46' 40"	1500	lb	Serrated	20	20	Chain	2015	3	3
A-8	5300.170	P17	Pubnico Inner P17	4210	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.60	43° 38' 5.5"	65° 46' 34"	1500	lb	Serrated	14	20	Chain	2015	3	3
A-8	5300.180	P18	Pubnico Inner P18	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.60	43° 38' 14.4"	65° 46' 30"	1500	lb	Serrated	14	26	Chain	2015	3	3
A-8	5300.190	P19	Pubnico Inner P19	4210	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43° 38' 14.9"	65° 46' 33.3"	1500	lb	Serrated	14	20	Chain	2015	3	3
A-8	5300.600	P4	Beach Point P4	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	2.20	43° 36' 14.8"	65° 46' 47.5"	1500	lb	Serrated	14	26	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-8	5300.700	PC	Lone Rock PC	4210	Unlit	1.25m plastic can		Plastic	Black-yellow	Year Round	6.40	43º 37' 8.5002"	65º 47' 7.5"	1500	lb	Serrated	18	26	Chain	2015	3	3
A-8	5300.750	PB2	Lone Rock Conical Buoy PB2	4210	Unlit	GDI 680N Conical		Plastic	Red	Year Round	9.20	43º 37' 6.24"	65º 47' 8.25"	1250	lb	Serrated	20	20	Chain	2015	3	3
A-8	5300.800	P6	Pubnico Harbour P6	4210	Unlit	1.25m plastic con		Plastic	Red	Year Round	16.40	43º 36' 34"	65º 46' 51"	4000	lb	Concrete	41	20	Chain	2015	3	3
A-8	5313.010	DC10	Johns Yard DC10	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	43º 32' 13"	65º 46' 5.5"	1250	lb	Serrated	18	26	Chain	2015	3	3
A-8	5313.100	DC1	McLeans Flat DC1	4210	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	1.80	43º 31' 27.5"	65º 45' 36"	2000	lb	Concrete	14	26	Chain	2015	3	3
A-8	5313.120	DC12	Horsehead Ledge DC12	4210	Unlit	1.6m Coastal Conical		Plastic	Red	Year Round	4.60	43º 32' 41.7"	65º 46' 39.3"	4000	lb	Concrete	18	26	Chain	2015	3	2
A-8	5313.130	DC13	Johns Island Bar DC13	4210	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	7.40	43º 33' 8.4"	65º 47' 2.94"	2000	lb	Concrete	18	26	Chain	2015	3	2
A-8	5313.200	DC2	Gorehams Turn DC2	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	1.80	43º 31' 29.502"	65º 45' 31.998"	2000	lb	Concrete	11	26	Chain	2015	3	3
A-8	5313.300	DC3	Mutton Island DC3	4210	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.60	43º 31' 34.998"	65º 45' 42.498"	1250	lb	Serrated	13	26	Chain	2015	3	3
A-8	5313.440	DC4	Cockerwit Passage DC4	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.50	43º 31' 34"	65º 45' 38.5"	2000	lb	Concrete	13	26	Chain	2015	3	3
A-8	5313.500	DC5	Cockerwitt Passage DC5	4210	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43º 31' 45.498"	65º 45' 46.5"	2000	lb	Concrete	12	26	Chain	2015	3	3
A-8	5313.600	DC6	Hoptoad Ledge DC6	4210	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	6.40	43º 31' 44"	65º 45' 42"	2000	lb	Concrete	18	22	Chain	2015	3	3
A-8	5313.800	DC8	Barneys Ledge DC8	4210	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	2.70	43º 32' 0"	65º 45' 57"	1250	lb	Serrated	13	26	Chain	2015	3	3

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Lower Woods Harbour to Clarks Harbour		
Contract Area no.:	A-9		
Province(s):	Nova Scotia		
Contract Area Description:	Includes the area between Lower Woods Harbour and Clarks Harbour		
Material Transportation & Storage:	Material storage by: Contractor		Material Transportation by: Canadian Coast Guard
	Off season lantern storage by: Contractor		
Coast Guard Depot:	Saint John, NB		
Commissioning date:	N/A		
Decommissioning date:	N/A		
Total no. of buoys:	72		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	2270		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	11		
Operational Season:	Year round navigation		
Overview of work activities:	All buoys are 'year round' and 22 buoys are lit. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.		

Contract Area name:	Lower Woods Harbour to Clarks Harbour
Contract Area no.:	A-9

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 3 current contracts included in this contract area, as follows:

EXISTING CONTRACT	
Name / Number of buoys	
Clarks Harbour/Barrington Passage	30
Cockerwit Passage (partial)	14
Shag Harbour Inner	28
Total:	72

All current contracts expire in July 2015. The new contract will start on July 2nd, 2015.
Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-9	C2	321	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	26	27	Sealite Trident-1400	Cast-Iron/fonte	1134	26	27
A-9	D2	305	1.4m Buoy / 1.4m bouée	Concrete / béton	2268	227	26	27	GDI 1.5m Skirt	Cast-Iron or Concrete / fonte ou béton	1500 or 2268	26	27
A-9	D	304	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	136	26	27	GDI 1.5m Skirt	Cast-Iron/fonte	1134	26	27
A-9	NA2	326	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	26	27	GDI 1.5m Skirt	Cast-Iron/fonte	1134	26	27

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-9	304.000	D	Cockerwitt Passage light buoy D	4210	Night	1.4m Buoy	1811	Steel	Red-white	Year Round	10.00	43º 29' 9.3"	65º 46' 28.9"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-9	304.100	D1	Robinson Ball Light Buoy D1	4210	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	3.70	43º 29' 29.802"	65º 45' 58.5"	2500	lb	Serrated	18	20	Chain	2016	3	2
A-9	305.000	D2	Outer Island North light buoy D2	4210	Night	1.4m Buoy	1811	Steel	Red	Year Round	6.40	43º 29' 35.3"	65º 45' 39.9"	5000	lb	Concrete	27	26	Chain	2016	3	2
A-9	305.500	D3	Ball Ledge Light Buoy D3	4210	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.50	43º 30' .06"	65º 45' 18"	2000	lb	Concrete	18	26	Chain	2016	3	2
A-9	306.002	NF	Inner Island Southwest Shoal Light Spar NF	4210	Night	0.6m SB 60 Spar Conical PI		Plastic	Yellow-black-yellow	Year Round	9.90	43º 28' 50.1"	65º 43' 24.42"	2500	lb	Steel Block	27	26	Chain	2016	3	2
A-9	306.016	NF16	Shag Harbour West Turn Light Buoy NF16	4210	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.50	43º 29' 25.68"	65º 42' 40.74"	500	lb	Concrete	6	16	Chain	2016	3	2
A-9	306.023	NF23	Shag Harbour East Turn Green Light Buoy NF23	4210	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.50	43º 29' 24.66"	65º 42' 17.7"	500	lb	Concrete	6	16	Chain	2016	3	2
A-9	311.500	D5	Solomans Island light buoy D5	4210	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	4.40	43º 30' 30"	65º 45' 7.02"	4000	lb	Concrete	18	26	Chain	2016	3	2
A-9	311.600	D6	Chetwyn Reef Light Buoy D6	4210	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	5.70	43º 30' 32.64"	65º 45' .06"	2000	lb	Concrete	18	26	Chain	2016	3	2
A-9	317.000	C9	Bear Point Ledge light buoy C9	4210	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	43º 28' 38.3"	65º 38' 38.9"	1250	lb	Serrated	18	26	Chain	2016	3	2
A-9	318.010	C10	Salt Rock Light Buoy C10	4210	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	8.00	43º 28' 26.94"	65º 38' 16.92"	2000	lb	Concrete	18	26	Chain	2016	3	2
A-9	319.000	C8	Newellton Reef light buoy C8	4210	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	11.00	43º 28' 4.3"	65º 38' 54.9"	2000	lb	Concrete	27	26	Chain	2016	3	3
A-9	319.300	C5	Apple Rock light buoy C5	4210	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	11.00	43º 27' 43.3"	65º 39' 43.9"	2000	lb	Concrete	27	26	Chain	2016	3	3
A-9	320.010	C1	Ryders Reef Light Buoy C1	4210	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	11.00	43º 27' 22.5"	65º 41' 5"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-9	321.000	C2	Hospital Reef light buoy C2	4210	Night	1.4m Buoy	1811	Steel	Red	Year Round	11.00	43º 26' 46.3"	65º 40' 19.9"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-9	322.000	CA2	Hospital Ledge light buoy CA2	4210	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	11.00	43º 26' 36.3"	65º 39' 45.9"	4000	lb	Concrete	27	26	Chain	2016	3	2
A-9	322.070	CC3	Eleazer Island CC3	4210	Night	GDI 1.22m Can		Plastic	Green	Year Round	6.10	43º 26' 5"	65º 38' 29"	2000	lb	Concrete	18	26	Chain	2016	3	2
A-9	322.100	CA1	Hospital Reef Light BuoyCA1	4210	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	8.80	43º 26' 42"	65º 39' 40"	2000	lb	Concrete	18	26	Chain	2016	3	3
A-9	323.070	CA5	Clarks Harbour Light Buoy CA5	4210	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.10	43º 26' 28"	65º 38' 34"	500	lb	Concrete	14	16	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-9	324.000	NAC	Doctors Channel West Cardinal light buoy NAC	4210	Night	1.5m SB 98 plastic	261	Plastic	Yellow-black-yellow	Year Round	10.00	43º 24' 59.3"	65º 39' 18.9"	2500	lb	Serrated	27	28	Chain	2016	3	2
A-9	326.000	NA2	Ox Eye Rock light buoy NA2	4210	Night	1.4m Buoy	1811	Steel	Red	Year Round	9.10	43º 23' 30.3"	65º 38' 42.9"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-9	326.020	NA4	Black Head Ledge NA4	4210	Night	GDI 1.22m Conical		Plastic	Red	Year Round	6.00	43º 23' 46.5"	65º 39' 13"	2500	lb	Steel Block	27	26	Chain	2016	3	2
A-9	5306.002	NF2/2	Shag Harbour Entrance Red Spar Buoy NF2/2	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.20	43º 29' 20.46"	65º 43' .78"	500	lb	Concrete	7	To Be Fixed	Chain	2015	3	2
A-9	5306.003	NF3	Shag Harbour Narrows Green Spar NF3	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.20	43º 29' 21.3"	65º 43' 1.38"	500	lb	Concrete	7	To Be Fixed	Chain	2015	3	2
A-9	5306.004	NF4	Shag Harbour Narrows Red Spar Buoy NF4	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.00	43º 29' 20.88"	65º 42' 59.64"	500	lb	Concrete	6	To Be Fixed	Chain	2015	3	2
A-9	5306.005	NF5	Shag Harbour Narrows Green Spar Buoy NF5	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.90	43º 29' 21.9"	65º 42' 58.2"	500	lb	Concrete	6	16	Chain	2015	3	2
A-9	5306.006	NF6	Shag Harbour Narrows Red conical Buoy NF6	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.10	43º 29' 21.84"	65º 42' 56.7"	500	lb	Concrete	3	To Be Fixed	Chain	2015	3	2
A-9	5306.007	NF7	Shag Harbour Narrows Green Can Buoy NF7	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.90	43º 29' 22.38"	65º 42' 56.64"	500	lb	Concrete	3	14	Chain	2015	3	2
A-9	5306.008	NF8	Shag Harbour Narrows Red Spar Buoy NF8	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	0.10	43º 29' 22.86"	65º 42' 53.58"	500	lb	Concrete	6	To Be Fixed	Chain	2015	3	2
A-9	5306.009	NF9	Shag Harbour Narrows Green Spar Buoy NF9	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.90	43º 29' 22.8"	65º 42' 55.32"	300	lb	Steel Block	6	16	Chain	2015	3	2
A-9	5306.010	NF10	Shag Harbour Narrows Red Spar BuoyNF10	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	0.40	43º 29' 23.46"	65º 42' 51.6"	500	lb	Concrete	6	To Be Fixed	Chain	2015	3	2
A-9	5306.011	NF11	Shag Harbour Narrows Green Spar Buoy NF11	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.90	43º 29' 23.34"	65º 42' 53.64"	500	lb	Concrete	3.8	16	Chain	2015	3	2
A-9	5306.013	NF13	Shag Harbour West Green Spar Buoy NF13	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.50	43º 29' 24.96"	65º 42' 48.72"	500	lb	Concrete	6	16	Chain	2015	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-9	5306.014	NF14	Shag Hbr West NF14	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.20	43º 29' 25.2"	65º 42' 46.1"	500	lb	Concrete	7	16	Chain	2015	3	2
A-9	5306.015	NF15	Shag Harbour West NF15	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	0.80	43º 29' 26.04"	65º 42' 43.08"	500	lb	Concrete	6	To Be Fixed	Chain	2015	3	2
A-9	5306.017	NF17	Shag Harbour West Green Spar Buoy NF17	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.10	43º 29' 26.28"	65º 42' 37.62"	500	lb	Concrete	6	14	Chain	2015	3	2
A-9	5306.018	NF18/2	Shag Harbour Middle Red Spar NF18/2	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.80	43º 29' 24"	65º 42' 30.8"	500	lb	Concrete	6	16	Chain	2015	3	2
A-9	5306.019	NF19	Shag Harbour Middle Turn Green Spar Buoy NF19	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.80	43º 29' 24.48"	65º 42' 29.46"	500	lb	Concrete	6	To Be Fixed	Chain	2015	3	2
A-9	5306.020	NF2	Inner Island North West Ledge Buoy NF2	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.00	43º 29' 17.2"	65º 43' 6.3"	500	lb	Concrete	8	16	Chain	2015	3	2
A-9	5306.021	NF21	Shag Harbour Middle Green Spar Buoy NF21	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.50	43º 29' 24.36"	65º 42' 23.16"	500	lb	Concrete	6	14	Chain	2015	3	2
A-9	5306.022	NF22	Shag Harbour East Red Spar NF22	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.50	43º 29' 23.58"	65º 42' 18.78"	500	lb	Concrete	6	To Be Fixed	Chain	2015	3	2
A-9	5306.023	NF20	Shag Hbr Middle Buoy NF20	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.90	43º 29' 24"	65º 42' 24"	500	lb	Concrete	7	16	Chain	2015	3	2
A-9	5306.024	NF24	Shag Hbr East Buoy NF24	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.30	43º 29' 25.1"	65º 42' 15.6"	500	lb	Concrete	7	16	Chain	2015	3	2
A-9	5306.025	NF25	Shag Harbour East Green Spar Buoy NF25	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.10	43º 29' 25.86"	65º 42' 15.84"	500	lb	Concrete	6	To Be Fixed	Chain	2015	3	2
A-9	5306.026	NF26	Shag Harbour East Red Spar Buoy NF26	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.60	43º 29' 27.42"	65º 42' 13.8"	500	lb	Concrete	6	To Be Fixed	Chain	2015	3	2
A-9	5306.027	NF27	Shag Harbour Wharf Green Spar Buoy NF27	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.60	43º 29' 28.68"	65º 42' 14.28"	500	lb	Concrete	6	To Be Fixed	Chain	2015	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-9	5306.030	NF18	Shag Hbr West NF18	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.90	43º 29' 25.7"	65º 42' 37.4"	500	lb	Concrete	7	16	Chain	2015	3	2
A-9	5311.800	D8	Lone Reef D8	4210	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	5.50	43º 30' 55.998"	65º 44' 54.498"	2500	lb	Concrete	18	26	Chain	2015	3	3
A-9	5311.900	D9	Solomom Ledge D9	4210	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	5.50	43º 31' 13"	65º 45' 17.5"	2000	lb	Concrete	18	26	Chain	2015	3	3
A-9	5312.200	DA2	Seals Rock DA2	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	43º 31' 17"	65º 44' 31"	500	lb	Concrete	9	16	Chain	2015	3	3
A-9	5313.060	DD6	Woods Harbour Channel Inner South DD6	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.00	43º 31' 40.998"	65º 44' 27"	1250	lb	Serrated	13	26	Chain	2015	3	3
A-9	5313.400	DD4	Woods Harbour Channel Middle South DD4	4210	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.00	43º 31' 35.502"	65º 44' 40.002"	1250	lb	Serrated	13	26	Chain	2015	3	3
A-9	5313.700	DD5	Woods Harbour Channel Inner North DD5	4210	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.50	43º 31' 37"	65º 44' 39"	2000	lb	Concrete	13	26	Chain	2015	3	3
A-9	5314.200	DD2	Woods Harbour Channel Entrance South DD2	4210	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	3.60	43º 31' 22.5"	65º 44' 53"	2500	lb	Serrated	18	26	Chain	2015	3	3
A-9	5314.300	DD3	Woods Harbour Channel Entrance North DD3	4210	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	6.00	43º 31' 29.5"	65º 44' 52"	2000	lb	Concrete	18	26	Chain	2015	3	3
A-9	5317.001	CH1	Bear Point CH1	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.50	43º 28' 42"	65º 38' 58.5"	500	lb	Concrete	13	16	Chain	2015	3	3
A-9	5317.010	C14	The Flat C14	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.80	43º 29' 20"	65º 37' 41.5"	500	lb	Concrete	9	16	Chain	2015	3	3
A-9	5317.180	C18	Cook Point Ledge C18	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.60	43º 29' 55"	65º 37' 26.5"	500	lb	Concrete	18	16	Chain	2015	3	3
A-9	5317.190	C19	Half Tide Edge C19	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.70	43º 30' 34.5"	65º 37' 4.5"	500	lb	Concrete	13	16	Chain	2015	3	3
A-9	5317.300	CJ	Seal Ledge CJ	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green-red-green	Year Round	5.50	43º 28' 36"	65º 38' 9"	500	lb	Concrete	12	16	Chain	2015	3	3
A-9	5319.800	C6	West Head Shoal Red Buoy C6	4210	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	3.00	43º 27' 37"	65º 39' 30.9"	2500	lb	Serrated	22	26	Chain	2015	3	2
A-9	5321.030	C3	Lone Rock C3	4210	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.70	43º 27' 42"	65º 40' 24"	2000	lb	Concrete	18	26	Chain	2015	3	3
A-9	5322.001	CC6	Long Island CC6	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.70	43º 25' 51.498"	65º 38' 10.998"	500	lb	Concrete	14	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-9	5322.040	CA4	Seal Rock CA4	4210	Unlit	1.25m plastic con		Plastic	Red	Year Round	5.50	43º 26' 24"	65º 39' 6.5"	1250	lb	Serrated	18	26	Chain	2015	3	3
A-9	5322.080	CC4	Dog Island CC4	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.20	43º 25' 55"	65º 38' 27"	500	lb	Concrete	13	16	Chain	2015	3	3
A-9	5322.090	CC5	Swims Point CC5	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.90	43º 25' 58"	65º 38' 10.5"	500	lb	Concrete	9	16	Chain	2015	3	3
A-9	5323.010	CB1	Split Rock CB1	4210	Unlit	1.25m plastic can		Plastic	Green	Year Round	5.00	43º 26' 54.5"	65º 39' 18"	2000	lb	Concrete	18	26	Chain	2015	3	3
A-9	5323.030	CA3	Kelp Ledge CA3	4210	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.60	43º 26' 33"	65º 39' 8"	1000	lb	Concrete	13	16	Chain	2015	3	3
A-9	5323.060	CC	Clark's Harbour Starboard Bifurcation CC	4210	Unlit	GDI 1.22m Conical		Plastic	Red-green-red	Year Round	5.40	43º 26' 16"	65º 38' 38"	1000	lb	Concrete	13	26	Chain	2015	3	2
A-9	5323.080	CA6	Dan Rock CA6	4210	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	43º 26' 23"	65º 38' 23"	500	lb	Concrete	9	16	Chain	2015	3	3
A-9	5323.100	CA8	Breakwater CA8	4210	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Year Round	1.80	43º 26' 29.5"	65º 38' 12.5"	1000	lb	Concrete	9	20	Chain	2015	3	2
A-9	5326.080	NA8	Scrougie NA8	4210	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	1.80	43º 26' 1"	65º 39' 8"	2500	lb	Serrated	9	26	Chain	2015	3	2

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Barrington Bay to Little Harbour
Contract Area no.:	A-10
Province(s):	Nova Scotia
Contract Area Description:	Includes the area between Barrington Bay and Little Harbour
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Saint John, NB
Commissioning date:	N/A
Decommissioning date:	N/A
Total no. of buoys:	90
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	2270
Maximum buoy weight (kg) :	1811
Maximum water depth (m) :	32.9
Operational Season:	Year round navigation
Overview of work activities:	All buoys are 'year round' and 42 buoys are lit. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. The work also includes planned cyclical mooring replacement every 1,2 or 3 years; refer to detailed buoy data for schedule of next replacement. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.

Contract Area name:	Barrington Bay to Little Harbour
Contract Area no.:	A-10

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 6 current contracts included in this contract area, as follows:

EXISTING CONTRACT Name / Number of buoys	
Barrington	21
Jordan Bay and Green Harbour	18
Lockeport	15
Negro Harbour & East Entrance	10
Port La Tour	13
Shelburne	13
Total:	90

All current contracts expire in July 2015. The new contract will start on July 2nd, 2015.
Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-10	366.050	KS54	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2523	Extinguished / Éteinte	21/09/2009	1
A-10	366.060	KS55	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2017	Extinguished / Éteinte	05/08/2010	1
A-10	334.000	JS76	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2371	Extinguished / Éteinte	16/08/2011	2
A-10	339.000	JJ51	1.4m Bouée	1.4m Buoy	M0249	Off Position / Hors Position	02/02/2009	2
A-10	342.000	JN53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1457	Extinguished / Éteinte	18/06/2009	2
A-10	351.000	SP54	1.4m Bouée	1.4m Buoy	M1352	Extinguished / Éteinte	19/06/2013	2
A-10	360.100	S52	1.4m Bouée	1.4m Buoy	M2557	Reduced Intensity / Intensité réduite	25/10/2013	2
A-10	360.100	S52	1.4m Bouée	1.4m Buoy	M0520	Reduced Intensity / Intensité réduite	30/03/2009	2
A-10	360.010	SA51	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1504	Extinguished / Éteinte	08/06/2011	2
A-10	360.020	S56	1.4m Bouée	1.4m Buoy	M1443	Extinguished / Éteinte	25/06/2012	2
A-10	360.020	S56	1.4m Bouée	1.4m Buoy	M2522	Extinguished / Éteinte	21/09/2009	2
A-10	362.800	S54	1.4m Bouée	1.4m Buoy	M1682	Extinguished / Éteinte	21/06/2011	2
A-10	366.800	KS61	1.5m SB 98 plastique	1.5m SB 98 plastic	M2020	Extinguished / Éteinte	05/08/2010	2
A-10	330.000	JQ	1.4m Bouée	1.4m Buoy	M2957		29/12/2012	2
A-10	331.000	JS59	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2956		29/12/2012	2
A-10	331.000	JS59	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M410	Off Position / Hors Position	08/03/2012	2
A-10	331.000	JS59	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3253	Extinguished / Éteinte	11/12/2010	2
A-10	331.600	JS61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3040	Off Position / Hors Position	26/10/2011	2
A-10	331.600	JS61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2370	Extinguished / Éteinte	16/08/2011	2
A-10	333.500	JS70	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2235	Extinguished / Éteinte	10/09/2012	2
A-10	333.500	JS70	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2203	Showing Improper Character / Caractéristiques Inexactes	06/09/2012	2
A-10	333.500	JS70	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2414	Extinguished / Éteinte	10/09/2009	2
A-10	5333.030	JS73	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1265	Off Position / Hors Position	10/06/2013	1
A-10	5333.030	JS73	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1264	Off Position / Hors Position	10/06/2013	1
A-10	5333.080	JT52	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2249	Off Position / Hors Position	20/09/2013	1
A-10	340.010	JJ	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1772	Extinguished / Éteinte	30/07/2013	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-10	340.010	JJ	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2962		31/12/2012	2
A-10	340.010	JJ	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1292	Off Position / Hors Position	07/06/2012	2
A-10	5340.020	JA51	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2226	Off Position / Hors Position	18/09/2013	2
A-10	5340.020	JA51	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0261	Off Position / Hors Position	05/02/2009	2
A-10	340.040	JJ57	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1934	Extinguished / Éteinte	10/08/2012	2
A-10	5341.000	JN51.5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2492	Off Position / Hors Position	30/08/2011	2
A-10	357.800	KSA	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1356	Extinguished / Éteinte	19/06/2013	2
A-10	357.800	KSA	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M472		23/03/2012	2
A-10	357.800	KSA	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2262	Not Reliable / pas fiable	29/08/2009	2
A-10	5360.070	S67	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0329	Off Position / Hors Position	11/02/2010	2
A-10	360.110	SD52	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1935	Extinguished / Éteinte	10/08/2012	2
A-10	5364.010	SC52	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1591	Off Position / Hors Position	15/07/2013	2
A-10	366.010	KS57	1.5m SB 98 plastique	1.5m SB 98 plastic	M275	Off Position / Hors Position	11/02/2013	2
A-10	366.010	KS57	1.5m SB 98 plastique	1.5m SB 98 plastic	M1917	Off Position / Hors Position	12/07/2011	2
A-10	366.010	KS57	1.5m SB 98 plastique	1.5m SB 98 plastic	M3043	Off Position / Hors Position	08/11/2010	2
A-10	366.020	KS56	1.5m SB 98 plastique	1.5m SB 98 plastic	M3399	Extinguished / Éteinte	08/12/2011	2
A-10	366.020	KS56	1.5m SB 98 plastique	1.5m SB 98 plastic	M1916	Off Position / Hors Position	12/07/2011	2
A-10	366.020	KS56	1.5m SB 98 plastique	1.5m SB 98 plastic	M2087	Off Position / Hors Position	11/08/2010	2
A-10	366.020	KS56	1.5m SB 98 plastique	1.5m SB 98 plastic	M2018	Extinguished / Éteinte	05/08/2010	2
A-10	366.030	KS59	1.5m SB 98 plastique	1.5m SB 98 plastic	M3398	Extinguished / Éteinte	08/12/2011	2
A-10	366.040	KS58	1.5m SB 98 plastique	1.5m SB 98 plastic	M2019	Extinguished / Éteinte	05/08/2010	2
A-10	368.020	KP56	1.5m SB 98 plastique	1.5m SB 98 plastic	M956	Extinguished / Éteinte	03/05/2012	2
A-10	368.020	KP56	1.5m SB 98 plastique	1.5m SB 98 plastic	M1014	Extinguished / Éteinte	04/05/2011	2
A-10	368.020	KP56	1.5m SB 98 plastique	1.5m SB 98 plastic	M0713	Extinguished / Éteinte	21/04/2009	2
A-10	5369.010	KK53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0149	Off Position / Hors Position	13/01/2009	2
A-10	5369.020	KK54	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1373	Off Position / Hors Position	20/06/2013	2
A-10	5369.020	KK54	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0975	Off Position / Hors Position	28/04/2010	2
A-10	5369.050	KK58	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2246		19/08/2010	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-10	366.350	KS53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2016	Extinguished / Éteinte	05/08/2010	1

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-10	JN	340	1.4m Buoy / 1.4m bouée	Concrete / béton	1134	227	28	54.8	Sealite Trident-1400	Cast-Iron/fonte	1000	28	36.6
A-10	JQ	330	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	28	55	Sealite Trident-1400	Cast-Iron/fonte	1134	28	45.7
A-10	S52	360.1	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134		28	14	GDI 1.5m Skirt	Cast-Iron/fonte	1000	28	14
A-10	S54	362.8	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	136	28	18.2	GDI 1.5m Skirt	Cast-Iron/fonte	1134	28	18.2
A-10	S56	360	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134		26	18.3	GDI 1.5m Skirt	Cast-Iron/fonte	1000	26	18.3
A-10	SP54	351	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	28	18.2	GDI 1.5m Skirt	Cast-Iron/fonte	1000	28	18.2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-10	329.600	JU50	Daniels Head light buoy JU50	4241	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.40	43º 26' 57"	65º 34' 55"	2500	lb	Serrated	18	26	Chain	2016	3	3
A-10	330.000	JQ	Stoney Island light buoy JQ	4241	Night	1.4m Buoy	1811	Steel	Red-white	Year Round	15.50	43º 27' 24.5"	65º 32' 44.5"	2500	lb	Serrated	55	28	Chain	2016	3	2
A-10	331.000	JS59	Congress Shoal light buoy JS59	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.10	43º 27' 58"	65º 32' 48"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-10	331.440	JQ52	Stoney Island light Buoy JQ52	4241	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	1.80	43º 27' 57.5"	65º 33' 40.3"	2500	lb	Serrated	15	26	Chain	2016	3	2
A-10	331.600	JS61	Cripple Creek lighted spar JS61	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43º 29' 21"	65º 33' 18"	2500	lb	Concrete	9	20	Chain	2016	3	2
A-10	333.500	JS70	Wesses Ledge light buoy JS70	4241	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.30	43º 31' 2.5"	65º 34' 58"	2500	lb	Serrated	18.2	26	Chain	2016	3	2
A-10	334.000	JS76	Barrington Passage Channel light buoy JS76	4241	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Year Round	1.80	43º 31' 26"	65º 35' 51"	500	lb	Concrete	9	16	Chain	2016	3	2
A-10	339.000	JJ51	Cuckold Rock light buoy JJ51	4241	Night	1.4m Buoy	1811	Steel	Green	Year Round	7.30	43º 27' 6"	65º 27' 18"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-10	340.000	JN	Port Latour light BuoyJN	4241	Night	1.4m Buoy	1811	Steel	Red-white	Year Round	15.00	43º 29' 27"	65º 26' 42"	2500	lb	Serrated	54	26	Chain	2016	3	1
A-10	340.010	JJ	Outer Rock Light Buoy JJ	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	21.90	43º 26' 0"	65º 26' 35"	1500	lb	Serrated	27	26	Chain	2016	3	2
A-10	340.030	JJ56	Port Latour Red Light Spar JJ56	4241	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.40	43º 27' 51.66"	65º 26' 59.22"	2500	lb	Concrete	18.2	26	Chain	2016	3	2
A-10	340.040	JJ57	Port Latour Green Light Spar JJ57	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	43º 28' 33"	65º 27' 8.5"	2500	lb	Concrete	18.2	26	Chain	2016	3	2
A-10	342.000	JN53	Port La Tour Inner light buoy JN53	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	43º 30' 20.76"	65º 27' 8.16"	2500	lb	Concrete	18.2	26	Chain	2016	3	2
A-10	346.000	JA56	Barrel Rock light buoy JA56	4241	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.60	43º 29' 44"	65º 27' 6"	2500	lb	Concrete	9.1	26	Chain	2016	3	2
A-10	346.010	JN51	Port Latour Light Buoy JN51	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	43º 29' 55.5"	65º 26' 39.36"	1500	lb	Serrated	13	26	Chain	2016	3	2
A-10	350.020	SN52	Negro Harbour Light Buoy SN52	4241	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	14.00	43º 31' 48.9"	65º 20' 53"	1250	lb	Serrated	16.8	26	Chain	2016	3	2
A-10	350.500	SNC	The Nubble north cardinal light buoy SNC	4241	Night	1.5m SB 98 plastic	261	Plastic	Black-yellow	Year Round	9.10	43º 32' 0"	65º 23' 30"	2500	lb	Concrete	18.2	26	Chain	2016	3	2
A-10	351.000	SP54	Grog Rock light buoy SP54	4241	Night	1.4m Buoy	1811	Steel	Red	Year Round	9.80	43º 32' 20.58"	65º 21' 51.48"	2500	lb	Concrete	18.2	28	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-10	351.020	SP56	Negro Harbour SP56	4241	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.60	43º 32' 36.42"	65º 21' 51.48"	1250	lb	Serrated	13.7	26	Chain	2016	3	2
A-10	351.040	SP59	Negro Harbour Light Buoy SP59	4241	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.90	43º 33' 8"	65º 22' 4"	500	lb	Concrete	9.1	16	Chain	2016	3	2
A-10	352.500	SN60	Shingle Point light buoy SN60	4241	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	7.30	43º 32' 49"	65º 24' 15"	2500	lb	Serrated	18.2	26	Chain	2016	3	2
A-10	357.800	KSA	Strap Tub South Cardinal Light Buoy KSA	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	5.00	43º 39' 0"	65º 14' 7.8"	2500	lb	Serrated	14	26	Chain	2016	3	2
A-10	360.010	SA51	Gunning Cove light buoy SA51	4209	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.60	43º 41' 1.5"	65º 20' 18"	2500	lb	Concrete	9.1	26	Chain	2016	3	2
A-10	360.020	S56	Sandy Point Inner light buoy S56	4209	Night	1.4m Buoy	1811	Steel	Red	Year Round	9.00	43º 42' 22.8"	65º 19' 38.4"	2500	lb	Concrete	18	26	Chain	2016	3	2
A-10	360.100	S52	Middle Rock light buoy S52	4209	Night	1.4m Buoy	1811	Steel	Red	Year Round	6.70	43º 40' 34.8"	65º 18' 50.4"	2500	lb	Concrete	14	26	Chain	2016	3	2
A-10	360.110	SD52	Irving Oil Wharf Ruins Spar SD52	4209	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.40	43º 45' 23.3"	65º 19' 26.9"	1000	lb	Concrete	9	20	Chain	2016	3	2
A-10	362.800	S54	Sandy Point light buoy S54	4209	Night	1.4m Buoy	1811	Steel	Red	Year Round	12.80	43º 41' 25.3"	65º 19' 39.9"	2500	lb	Serrated	18.2	26	Chain	2016	3	2
A-10	366.010	KS57	Lower Jordan Bay Outer Light Buoy KS57	4241	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	3.60	43º 40' 45.18"	65º 13' 59.58"	2500	lb	Serrated	13	26	Chain	2016	3	2
A-10	366.020	KS56	Lower Jordan Bay Outer Light Buoy KS56	4241	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	3.60	43º 40' 46.2"	65º 13' 58.8"	2500	lb	Serrated	13	26	Chain	2016	3	2
A-10	366.030	KS59	Lower Jordan Bay Inner Light Buoy KS59	4241	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	3.60	43º 40' 49.68"	65º 14' 8.88"	2500	lb	Serrated	13	26	Chain	2016	3	2
A-10	366.040	KS58	Lower Jordan Bay Inner Light Buoy KS58	4241	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	3.60	43º 40' 50.1"	65º 14' 8.52"	2500	lb	Serrated	13	26	Chain	2016	3	2
A-10	366.050	KS54	Lower Jordan Bay Light Buoy KS54	4241	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.20	43º 40' 43.38"	65º 13' 52.08"	2500	lb	Serrated	18	26	Chain	2016	3	1
A-10	366.060	KS55	Lower Jordan Bay Light Buoy KS55	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.20	43º 40' 41.58"	65º 13' 53.58"	2500	lb	Serrated	13	26	Chain	2016	3	1
A-10	366.350	KS53	Lower Jordan Bay Light Buoy KS53	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.10	43º 40' 38.22"	65º 13' 45.06"	2500	lb	Serrated	27.4	26	Chain	2016	3	1
A-10	366.800	KS61	Lower Jordan Bay light buoy KS61	4241	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	3.60	43º 40' 56.3"	65º 14' 14.9"	2500	lb	Concrete	9.1	26	Chain	2016	3	2
A-10	367.700	KPA	Green Harbour light buoy KPA	4241	Night	0.6m SB 60 Spar Can PI		Plastic	Red-white	Year Round	3.60	43º 43' 14"	65º 9' 37.5"	1500	lb	Serrated	9.1	26	Chain	2016	3	2
A-10	368.020	KP56	West Green Harbour Outer Light Buoy KP56	4241	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	1.80	43º 43' 14.76"	65º 9' 48.24"	2500	lb	Concrete	5	28	Chain	2016	3	2
A-10	369.040	KK57	Southwest Rock Light Buoy KK57	4209	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.90	43º 40' .3"	65º 6' 13.9"	2500	lb	Concrete	36	26	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-10	371.000	KK61	Laurier Rock light buoy KK61	4209	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	11.80	43º 41' 1.8"	65º 5' 45.9"	1500	lb	Serrated	27	20	Chain	2016	3	2
A-10	371.020	KK64	Laurier Rock Light Buoy KK64	4209	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	10.00	43º 41' 16.3"	65º 5' 47.9"	2500	lb	Concrete	27	26	Chain	2016	3	2
A-10	372.000	KK69	Carter Island light spar KK69	4209	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	5.50	43º 42' 8.3"	65º 5' 58.9"	2500	lb	Serrated	18.2	26	Chain	2016	3	2
A-10	372.030	KK72	Lockeport Inner Harbour Light Buoy KK72	4209	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.50	43º 42' 6.8"	65º 6' 33.9"	500	lb	Concrete	9.1	16	Chain	2016	3	2
A-10	5331.700	JR52	Cripple Creek Spar Buoy JR52	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	0.90	43º 29' 24.2"	65º 33' 34.9"	1000	lb	Concrete	6	16	Chain	2015	3	2
A-10	5333.000	JS66	Barrington Bay JS66	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.60	43º 31' 5"	65º 34' 8"	500	lb	Concrete	13.7	16	Chain	2017	3	1
A-10	5333.010	JS67	Barrington Bay JS67	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	9.10	43º 31' 6"	65º 34' 39"	500	lb	Concrete	13.7	16	Chain	2017	3	1
A-10	5333.020	JS72	Barrington Bay JS72	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.30	43º 31' 21"	65º 35' 10"	500	lb	Concrete	10.7	16	Chain	2017	3	1
A-10	5333.030	JS73	Barrington Bay JS73	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	43º 31' 17"	65º 35' 28"	500	lb	Concrete	9.1	16	Chain	2016	3	1
A-10	5333.040	JS74	Barrington Bay JS74	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	9.70	43º 31' 16.5"	65º 35' 40"	500	lb	Concrete	13.7	16	Chain	2017	3	1
A-10	5333.050	JS75	Barrington Bay JS75	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.90	43º 31' 9"	65º 35' 43"	600	lb	Concrete	10.7	16	Chain	2017	3	1
A-10	5333.060	JV51	Barrington Bay JV51	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.00	43º 31' 2"	65º 36' 18"	600	lb	Concrete	10.7	16	Chain	2017	3	1
A-10	5333.070	JV52	Barrington Bay buoyJV52	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.90	43º 31' 4"	65º 36' 19"	500	lb	Concrete	9.1	16	Chain	2017	3	1
A-10	5333.080	JT52	Barrington Bay JT52	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	43º 31' 44"	65º 34' 32"	500	lb	Concrete	9.1	16	Chain	2017	3	1
A-10	5333.090	JT56	Barrington Bay JT56	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.40	43º 32' 20"	65º 34' 20"	600	lb	Concrete	9.1	16	Chain	2017	3	1
A-10	5334.010	JS79	Barrington Bay JS79	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.40	43º 31' 41"	65º 36' 8"	600	lb	Concrete	7.6	16	Chain	2017	3	1

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-10	5334.011	JS78	Barrington Bay JS78	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.30	43º 31' 41"	65º 36' 3"	600	lb	Concrete	9.1	16	Chain	2017	3	2
A-10	5334.020	JS80	Barrington Bay JS80	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	0.90	43º 31' 52"	65º 36' 7"	600	lb	Concrete	6	16	Chain	2017	3	1
A-10	5340.020	JA51	Stone Horse Spar JA51	4241	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	23.70	43º 27' 4"	65º 25' 56.5"	2500	lb	Concrete	27	26	Chain	2015	3	2
A-10	5340.050	JJ59	Port Latour Spar JJ59	4241	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.10	43º 28' 57"	65º 27' 11"	2500	lb	Concrete	18.2	26	Chain	2015	3	2
A-10	5340.060	JA54	Port Latour Spar JA54	4241	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	4.60	43º 29' 38"	65º 26' 52"	2500	lb	Concrete	18.2	26	Chain	2015	3	2
A-10	5341.000	JN51.5	Mohawk Ledge JN51.5	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.50	43º 30' 11.16"	65º 26' 59.04"	500	lb	Concrete	13	16	Chain	2015	3	2
A-10	5346.020	JA57	Port Latour Spar JA57	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 29' 57"	65º 27' 53"	500	lb	Concrete	9.1	16	Chain	2015	3	2
A-10	5350.050	SN56	Negro Harbour SN56	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.00	43º 32' 30"	65º 23' 8"	600	lb	Concrete	9.1	16	Chain	2017	3	2
A-10	5350.060	SN59	Negro Harbour SN59	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.90	43º 32' 40"	65º 24' 33"	600	lb	Concrete	9.1	16	Chain	2017	3	2
A-10	5351.010	SNP	Negro Harbour SNP	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Year Round	6.00	43º 32' 24"	65º 22' 19"	500	lb	Concrete	10.6	16	Chain	2017	3	2
A-10	5351.060	SP65	Negro Harbour SP65	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.80	43º 33' 40"	65º 22' 9.5"	500	lb	Concrete	9.1	16	Chain	2017	3	2
A-10	5360.030	S57	Adamant Rock Spar S57	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.00	43º 42' 52.3"	65º 20' 4.9"	1000	lb	Concrete	18	20	Chain	2015	3	2
A-10	5360.040	S59	Hart Point Rock Spar S59	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.90	43º 43' 31.3"	65º 20' 15.9"	1000	lb	Concrete	18	26	Chain	2015	3	2
A-10	5360.050	S65	Middle Rock Spar S65	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.00	43º 44' 56.8"	65º 19' 34.9"	1000	lb	Concrete	18	20	Chain	2015	3	2
A-10	5360.060	S66	Shelburne Inner Harbour Spar S66	4209	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	43º 45' 3.3"	65º 19' 9.9"	2500	lb	Concrete	18	26	Chain	2015	3	2
A-10	5360.070	S67	Hero Shoal Spar S67	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.10	43º 45' 6.3"	65º 19' 40.9"	1000	lb	Concrete	18	20	Chain	2015	3	2
A-10	5360.120	SD53	Shelburne Yacht Club Spar SD53	4209	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	43º 45' 31.3"	65º 19' 31.4"	500	lb	Concrete	9.1	16	Chain	2015	3	2
A-10	5364.010	SC52	Man of War Spar SC52	4209	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.00	43º 42' 53.3"	65º 20' 30.9"	1000	lb	Concrete	12.8	20	Chain	2015	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-10	5368.010	KP55	West Green Harbour Outer Spar KP55	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	0º 0' 0"	0º 0' 0"	500	lb	Concrete	4.5	16	Chain	2016	3	2
A-10	5368.030	KP57	West Green Harbour Inner Spar KP57	4241	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	0º 0' 0"	0º 0' 0"	500	lb	Concrete	4.5	16	Chain	2016	3	2
A-10	5368.040	KP58	West Green Harbour Inner Red Spar KP58	4241	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.80	0º 0' 0"	0º 0' 0"	500	lb	Concrete	4.5	16	Chain	2016	3	2
A-10	5369.010	KK53	Bull Rock Spar KK53	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	32.90	43º 37' 56.5"	65º 7' 28"	5000	lb	Concrete	54	26	Chain	2016	3	2
A-10	5369.020	KK54	Long Shoal Spar KK54	4209	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	27.40	43º 38' 21.289"	65º 6' 39.87"	2500	lb	Steel Block	27	26	Chain	2016	3	2
A-10	5369.030	KK56	Tickey Shoal Spar KK56	4209	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	17.30	43º 38' 53.8"	65º 6' 39.9"	5000	lb	Concrete	54.8	20	Chain	2016	3	2
A-10	5369.050	KK58	Trinidad Rock Spar KK58	4209	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	11.80	43º 40' 9.3"	65º 5' 55.9"	2500	lb	Concrete	27	20	Chain	2016	3	2
A-10	5371.010	KK63	Laurier Rock Spar KK63	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.10	43º 41' 12.3"	65º 5' 53.9"	2500	lb	Concrete	18	26	Chain	2015	3	2
A-10	5371.030	KK67	Thrumcap Rock Spar KK67	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	43º 42' .1"	65º 5' 58.4"	1500	lb	Concrete	9.1	26	Chain	2015	3	2
A-10	5372.010	KK70	Lockeport Harbour Entrance Spar KK70	4209	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.60	43º 42' 10.3"	65º 6' 15.9"	2500	lb	Concrete	9.1	26	Chain	2015	3	2
A-10	5372.020	KK71	Lockeport Entrance Spar KK71	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.60	43º 42' 7.8"	65º 6' 15.9"	2500	lb	Concrete	9.1	26	Chain	2015	3	2
A-10	5372.040	KK73	Lockeport Inner Harbour Spar KK73	4209	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	43º 42' 3.3"	65º 6' 31.86"	1000	lb	Concrete	9.1	16	Chain	2015	3	2
A-10	5372.050	KK77	Lockeport Inner Harbour Spar KK77	4209	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	43º 41' 56.3"	65º 6' 34.9"	1000	lb	Concrete	9.1	16	Chain	2015	3	2
A-10	5372.060	KF61	Allendale Spar KF61	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	4.50	43º 44' 42.8"	65º 5' 23.9"	1000	lb	Concrete	9.1	26	Chain	2015	3	2
A-10	5383.010	KE57	Whale Rock Spar KE57	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.90	43º 40' 6.3"	65º 5' 4.9"	2500	lb	Concrete	27	26	Chain	2015	3	2
A-10	5383.020	KE60	Mckay Rock Spar KE60	4209	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.10	43º 40' 47.8"	65º 5' 27.9"	2500	lb	Concrete	27	26	Chain	2015	3	2
A-10	5383.030	KD	Blow Breaker South Cardinal Spar Buoy KD	4209	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	17.30	43º 40' 1.3"	65º 4' 3.9"	2500	lb	Concrete	27	26	Chain	2015	3	2
A-10	5383.040	KD62	Black Point Rock Conical KD62	4209	Unlit	GDI 1.22m Conical		Plastic	Red	Year Round	10.90	43º 40' 36.3"	65º 4' 15.9"	1500	lb	Serrated	27.4	20	Chain	2015	3	2

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Port Joli to Lunenburg		
Contract Area no.:	A-11		
Province(s):	Nova Scotia		
Contract Area Description:	Includes the area between Port Joli and Lunenburg		
Material Transportation & Storage	Material storage by: Contractor	Material Transportation by: Canadian Coast Guard	
Coast Guard Depot:	Off season lantern storage by: Contractor Dartmouth, NS		
Commissioning date:	April 15th		
Decommissioning date:	December 31st		
Total no. of buoys:	166		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	1323		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	25.6		
Operational Season:	April 15th to December 31st		
Overview of work activities:	156 buoys are 'year round' and 11 buoys are 'seasonal'. 44 buoys are lit. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Decommissioning work includes removal of lanterns from year round buoys.. The work also includes planned cyclical mooring replacement every 3 or 5 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.		

Contract Area name:	Port Joli to Lunenburg
Contract Area no.:	A-11

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 8 current contracts included in this contract area, as follows:

EXISTING CONTRACT Name / Number of buoys	
West Dublin	14
La Have	26
Lower South Cove	14
Lunenburg (partial)	26
Lower Rose Bay	11
Port Joli	4
Port Mouton	27
Medway Harbour	30
Currently managed by CCG	14
Total:	166

All current contracts expire in July 2015.
 Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-11	384.500	KC53	1.4m Bouée	1.4m Buoy	M1700	Off Position / Hors Position	23/07/2013	2
A-11	384.500	KC53	1.4m Bouée	1.4m Buoy	M3340	Off Position and extinguished / Hors Position et Éteinte	19/12/2010	2
A-11	387.000	UX	1.4m Bouée	1.4m Buoy	M459	Extinguished / Éteinte	20/03/2012	2
A-11	396.200	UT53	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2535	Extinguished / Éteinte	02/09/2011	2
A-11	396.300	UT54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2121	Extinguished / Éteinte	13/08/2010	2
A-11	400.000	UN59	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0205	Extinguished / Éteinte	21/01/2009	2
A-11	400.500	UN66	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1324	Extinguished / Éteinte	12/06/2012	2
A-11	400.500	UN66	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1324	Extinguished / Éteinte	12/06/2012	2
A-11	400.500	UN66	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1323	Extinguished / Éteinte	11/06/2012	2
A-11	400.700	UN74	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2536	Extinguished / Éteinte	02/09/2011	2
A-11	408.100	UB1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2934	Extinguished / Éteinte	30/10/2009	2
A-11	408.100	UB1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2934	Extinguished / Éteinte	30/10/2009	2
A-11	410.500	UM58	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1716	Off Position / Hors Position	24/07/2013	2
A-11	411.000	UM59	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1455	Extinguished / Éteinte	28/06/2013	1
A-11	411.000	UM59	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3077	Off Position / Hors Position	01/11/2011	1
A-11	411.000	UM59	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1613	Off Position / Hors Position	13/07/2012	1
A-11	411.500	UM60	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1456	Extinguished / Éteinte	28/06/2013	2
A-11	412.200	UJ	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M569	Off Position / Hors Position	02/04/2013	2
A-11	412.200	UJ	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2928	Extinguished / Éteinte	29/10/2009	2
A-11	412.300	UM64	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1904	Extinguished / Éteinte	31/07/2009	2
A-11	415.300	UA64	1.5m SB 98 plastique	1.5m SB 98 plastic	M2537	Extinguished / Éteinte	02/09/2011	2
A-11	416.300	UAA	1.4m Bouée	1.4m Buoy	M1021	Extinguished / Éteinte	30/04/2010	2
A-11	416.400	UE51	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2539	Extinguished / Éteinte	02/09/2011	2
A-11	423.600	TN51	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1729	Off Position / Hors Position	25/07/2013	2
A-11	423.600	TN51	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1696	Submerged / Submergée	04/07/2010	2

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-11	423.600	TN51	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1365	Extinguished / Éteinte	10/06/2009	2
A-11	427.000	T56	1.5m SB 98 plastique	1.5m SB 98 plastic	M2568	Off Position and extinguished / Hors Position et Éteinte	14/09/2010	2
A-11	429.000	T59	1.5m SB 98 plastique	1.5m SB 98 plastic	M635	Extinguished / Éteinte	29/03/2011	2
A-11	437.500	EM55	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2551	Extinguished / Éteinte	25/10/2012	2
A-11	437.500	EM55	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M588	Extinguished / Éteinte	05/04/2013	2
A-11	5442.010	EC51	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1720	Off Position / Hors Position	25/07/2013	2
A-11	5442.010	EC51	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2506	Off Position / Hors Position	17/10/2012	2
A-11	5442.010	EC51	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2219	Off Position / Hors Position	25/08/2009	2
A-11	5442.010	EC51	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1043	Off Position / Hors Position	11/05/2009	2
A-11	5442.020	EC52	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2453	Off Position / Hors Position	14/09/2009	2
A-11	5442.030	EC	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M123	Off Position / Hors Position	17/01/2012	2
A-11	5442.040	EC65	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3349	Off Position / Hors Position	02/12/2011	2
A-11	5442.050	EC66	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3220	Submerged / Submergée	10/12/2009	2
A-11	5445.010	EA55	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1974	Off Position / Hors Position	07/08/2009	2
A-11	387.010	UX53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M582	Extinguished / Éteinte	28/03/2010	2
A-11	5400.100	UQ	GDI 0.9m plate	GDI 0.9m Can	M0485	Submerged / Submergée	23/03/2009	2
A-11	5400.110	UQ53	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2840	Off Position / Hors Position	19/10/2009	2
A-11	5408.510	UM50	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0203	Not Reliable / pas fiable	21/01/2009	2
A-11	5410.100	UM54	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3072	Off Position / Hors Position	01/11/2011	2
A-11	5410.100	UM54	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1523	Off Position / Hors Position	24/06/2009	2
A-11	5410.600	UM62	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2442	Partially Submerged / Partiellement Submergée	08/09/2010	2
A-11	5410.900	UM61	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M3278	Off Position / Hors Position	21/11/2011	1
A-11	5410.900	UM61	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1903		31/07/2009	1

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Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-11	5416.480	UC53	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M907	Not Reliable / pas fiable	27/04/2011	2
A-11	5416.490	UC54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M348	Off Position / Hors Position	01/03/2012	2
A-11	5416.490	UC54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M908	Not Reliable / pas fiable	27/04/2011	2
A-11	5416.501	UC55	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M735	Off Position / Hors Position	18/04/2012	2
A-11	5416.501	UC55	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M348	Off Position / Hors Position	22/02/2012	2
A-11	5416.501	UC55	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M909	Not Reliable / pas fiable	27/04/2011	2
A-11	5416.501	UC55	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2120	Off Position / Hors Position	13/08/2010	2
A-11	416.510	UJ54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M568	Extinguished / Éteinte	02/04/2013	2
A-11	416.510	UJ54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M721	Extinguished / Éteinte	05/04/2011	2
A-11	416.510	UJ54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M710	Off Position / Hors Position	04/04/2011	2
A-11	416.510	UJ54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1208	Extinguished / Éteinte	22/05/2009	2
A-11	416.530	UJ58	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M3218	Extinguished / Éteinte	09/11/2011	2
A-11	416.530	UJ58	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M722	Off Position / Hors Position	05/04/2011	2
A-11	416.530	UJ58	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1207	Extinguished / Éteinte	22/05/2009	2
A-11	416.550	UJ61	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2100	Extinguished / Éteinte	23/08/2012	2
A-11	416.550	UJ61	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1206	Extinguished / Éteinte	22/05/2009	2
A-11	5422.020	TM54	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1931	Partially Submerged / Partiellement Submergée	04/08/2009	2
A-11	5422.030	TM55	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1933	Partially Submerged / Partiellement Submergée	04/08/2009	2
A-11	5426.010	TD51	1.25m plastique plate	1.25m plastic Can	M1723	Off Position / Hors Position	25/07/2013	2
A-11	5426.020	TD52	1.25m plastique Con	1.25m plastic Con	M1722	Off Position / Hors Position	25/07/2013	2
A-11	5426.020	TD52	1.25m plastique Con	1.25m plastic Con	M1912	Off Position / Hors Position	31/07/2009	2
A-11	5427.015	TK51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1728	Off Position / Hors Position	25/07/2013	2

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-11	5427.050	T67	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1724	Partially Submerged / Partiellement Submergée	25/07/2013	2
A-11	5427.070	T75	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2287	Off Position / Hors Position	31/08/2009	2
A-11	5427.100	T80	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1842	Submerged / Submergée	01/08/2012	3
A-11	5427.140	T86	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1725	Off Position / Hors Position	25/07/2013	3
A-11	5436.010	E51	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2193	Off Position / Hors Position	24/08/2009	2
A-11	5436.070	E85	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2281/12	Off Position / Hors Position	14/09/2012	2
A-11	416.515	UJ55	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M711	Extinguished / Éteinte	04/04/2011	1
A-11	5427.065	T71	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1721	Off Position / Hors Position	25/07/2013	2
A-11	426.500	T54/2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1618	Off Position / Hors Position	15/06/2011	2

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-11	KA51	386	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	680		28	73	Sealite Trident-1400	Cast-Iron/fonte	800	28	55
A-11	KC53	384.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	28	27.4	Sealite Trident-1400	Cast-Iron/fonte	1134	28	27.4
A-11	UAA	416.3	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	227	20	18.2	GDI 1.5m Skirt	Cast-Iron/fonte	1000	20	18.2
A-11	UN55	402	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	340	28	41	Sealite Trident-1400	Cast-Iron/fonte	1134	28	41
A-11	UX	387	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134		28	82.2	Sealite Trident-1400	Cast-Iron/fonte	1500	28	55

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-11	384.500	KC53	Little Harbour light buoy KC53	4240	Night	1.4m Buoy	1811	Steel	Green	Year Round	10.00	43º 42' 54"	65º 0' 51"	2500	lb	Serrated	27	26	Chain	2016	3	2
A-11	386.010	KA51	Bantam Rock Light Buoy KA51	4240	Night	1.4m Buoy	1811	Steel	Green	Year Round	27.40	43º 43' 12"	64º 58' 0"	1500	lb	Serrated	37	28	Chain	2016	3	2
A-11	387.000	UX	Port Hebert light buoy UX	4240	Night	1.4m Buoy	1811	Steel	Red-white	Year Round	21.90	43º 46' 19"	64º 54' 47"	2500	lb	Serrated	27.3	28	Chain	2016	3	2
A-11	387.010	UX53	Shingle Point Light Buoy UX53	4240	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.60	43º 48' 30"	64º 55' 24"	1250	lb	Serrated	9.1	20	Chain	2016	3	2
A-11	387.040	UX56	Port Hebert Light Buoy UX56	4240	Night	0.75m SB 105 Conical	52	Plastic	Red	Year Round	2.10	43º 48' 49"	64º 55' 42"	1250	lb	Serrated	9	20	Chain	2016	3	2
A-11	387.500	UX55	Shingle Point light buoy UX55	4240	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	5.40	43º 48' 42.5"	64º 55' 33"	2500	lb	Concrete	9.1	26	Chain	2016	3	2
A-11	396.100	UT52	Willow Cove Entrance light buoy UT52	4240	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	43º 54' 59.8"	64º 50' 11.7"	1500	lb	Serrated	9.1	20	Chain	2016	3	2
A-11	396.200	UT53	Willow Cove Entrance light buoy UT53	4240	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.50	43º 54' 58.2"	64º 50' 10.9"	2500	lb	Concrete	9.1	20	Chain	2016	3	2
A-11	396.300	UT54	Willow Cove Entrance light buoy UT54	4240	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.50	43º 54' 56.8"	64º 50' 11.8"	1000	lb	Concrete	4.6	16	Chain	2016	3	2
A-11	396.500	US57	Wobamkek Beach light buoy US57	4240	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	5.50	43º 54' 20"	64º 48' 14"	2500	lb	Concrete	18.3	26	Chain	2016	3	2
A-11	397.500	US	Middle Rock east cardinal light buoy US	4240	Night	1.5m SB 98 plastic	261	Plastic	Black-yellow-black	Year Round	7.30	43º 53' 37.5"	64º 47' 3"	2500	lb	Serrated	18	26	Chain	2016	3	2
A-11	398.000	UT	Willow Cove light buoy UT	4240	Night	0.6m SB 60 Spar Can PI		Plastic	Red-white	Year Round	7.30	43º 55' 7.2"	64º 50' 9.8"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-11	400.000	UN59	Charley Island light buoy UN59	4240	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	43º 55' 22.5"	64º 50' 10.398"	2500	lb	Serrated	9.1	26	Chain	2016	3	2
A-11	400.500	UN66	Port Mouton Channel light buoy UN66	4240	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Year Round	1.80	43º 55' 29.2"	64º 50' 25.3"	1000	lb	Concrete	7.3	16	Chain	2016	3	2
A-11	400.700	UN74	Port Mouton light buoy UN74	4240	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Year Round	0.90	43º 55' 17"	64º 50' 34.8"	500	lb	Concrete	4.5	16	Chain	2016	3	2
A-11	401.000	UN80	Port Mouton light buoy UN80	4240	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Year Round	1.80	43º 55' 12.9"	64º 50' 43.6"	500	lb	Concrete	9.1	16	Chain	2016	3	2
A-11	402.000	UN55	Spectacle Ledge light buoy UN55	4240	Night	1.4m Buoy	1811	Steel	Green	Year Round	20.10	43º 56' 9"	64º 47' 28.5"	2500	lb	Serrated	41	28	Chain	2016	3	2
A-11	408.100	UB1	Moose Harbour Light Buoy UB1	4379	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	15.50	44º 1' 17.83"	64º 39' 35.76"	2000	lb	Concrete	27.4	20	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-11	410.500	UM58	Liverpool Harbour light buoy UM58	4379	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.70	44º 2' 47.53"	64º 42' 26.36"	2500	lb	Serrated	11	20	Chain	2016	3	2
A-11	411.000	UM59	Liverpool Harbour light buoy UM59	4379	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.70	44º 2' 43.73"	64º 42' 30.46"	800	lb	Stone	8.5	32	Rope	2016	3	1
A-11	411.500	UM60	Liverpool Harbour light buoy UM60	4379	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.60	44º 2' 43.83"	64º 42' 35.96"			Helical	8.5	32	Rope	2016	3	2
A-11	412.200	UJ	West Berlin lighted Spar Buoy UJ	4211	Night	0.6m SB 60 Spar Can PI		Plastic	Red-white	Year Round	14.00	44º 3' 40.28"	64º 35' 18.79"	2500	lb	Serrated	27.4	26	Chain	2016	3	2
A-11	412.300	UM64	Liverpool Harbour light buoy UM64	4379	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	4.50	44º 2' 33.33"	64º 42' 49.26"			Helical	8.5	32	Rope	2016	3	2
A-11	412.500	UJ52	Blueberry Bay light buoy UJ52	4211	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.60	44º 4' 1.28"	64º 35' 10.79"	1500	lb	Serrated	18	20	Chain	2016	3	2
A-11	415.300	UA64	Fosters Islets light buoy UA64	4211	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	5.50	44º 8' 2.28"	64º 34' 25.79"	2500	lb	Concrete	15	20	Chain	2016	3	2
A-11	416.300	UAA	Great Island bifurcation light buoy UAA	4211	Night	1.4m Buoy	1811	Steel	Red-green-red	Year Round	5.40	44º 7' 48.28"	64º 32' 28.79"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-11	416.400	UE51	Medway Harbour light buoy UE51	4211	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	44º 8' 33.28"	64º 32' 28.79"	2500	lb	Concrete	9.1	20	Chain	2016	3	2
A-11	416.510	UJ54	Medway Harbour (West Berlin) light Buoy UJ54	N/A	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	44º 4' 2.7"	64º 35' 5.64"	300	lb	Cast Iron	6	16	Chain	2016	3	2
A-11	416.515	UJ55	Medway Harbour(West Berlin) Light Buoy UJ55	N/A	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	44º 4' 2"	64º 35' 6.2"	300	lb		4	20	Chain	2016	3	1
A-11	416.520	UJ56	Medway Harbour (West Berlin) Light Buoy UJ56	N/A	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.00	44º 4' 4.6"	64º 35' 3.73"	300	lb		4	20	Chain	2016	3	2
A-11	416.530	UJ58	Medway Harbour (West Berlin) UJ58	N/A	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.00	44º 4' 6.72"	64º 35' 5.16"	500	lb	Concrete	3.5	20	Chain	2016	3	2
A-11	416.540	UJ59	Medway Harbour (West Berlin) UJ59	N/A	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	44º 4' 7.56"	64º 35' 2.7"	300	lb		3	20	Chain	2016	3	2
A-11	416.550	UJ61	Medway Harbour (West Berlin) Light buoy UJ61	4211	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	44º 4' 10.28"	64º 35' .79"	300	lb		3	20	Chain	2016	3	2
A-11	417.810	TU53	Little Harbour (Cherry Cove) Light Buoy TU53	4211	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.10	44º 9' 36.756"	64º 28' 40.266"	2500	lb	Steel Block	16.2	26	Chain	2016	3	2
A-11	419.000	TU54	Little Harbour (Cherry Cove) Light Buoy TU54	4211	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.40	44º 9' 37.662"	64º 28' 48.204"	1250	lb	Serrated	12.6	16	Chain	2016	3	2

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-11	423.600	TN51	Crooked Channel light buoy TN51	4394	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Year Round	3.60	44º 14' 3.89"	64º 22' 8.25"	500	lb	Concrete	9.1	14	Chain	2016	3	2
A-11	426.500	T54/2	Cockawee Shoal Light Buoy T54/2	4394	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	8.20	44º 15' 41.82"	64º 21' 26.28"	1250	lb	Serrated	15	20	Chain	2016	3	2
A-11	427.000	T56	Cockawee Shoal West light buoy T56	4394	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	8.10	44º 15' 50.58"	64º 21' 32.82"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-11	429.000	T59	Dublin Shore light buoy T59	4394	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	5.70	44º 16' 15.39"	64º 21' 19.7502"	2500	lb	Serrated	18.2	20	Chain	2016	3	2
A-11	435.500	EF	Lunenburg Bay Isolated Danger Light Buoy EF	4328	Night	0.6m SB 60 Spar Can PI		Plastic	Black-red-black	Year Round	25.60	44º 19' 56.5"	64º 13' 22.6"	2500	lb	Serrated	37	20	Chain	2016	3	2
A-11	437.500	EM55	Lower South Cove Entrance light buoy EM55	4328	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	44º 20' 43.07"	64º 18' 50.33"	1000	lb	Concrete	20	20	Chain	2016	3	2
A-11	439.000	E64	Lunenburg Harbour Outer light buoy E64	4328	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.40	44º 21' 54.57"	64º 18' 2.06"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-11	439.800	E66	Lunenburg Harbour Marine Railway light buoy E66	4328	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	4.60	44º 22' 19.31"	64º 18' 16.53"	1500	lb	Serrated	9.1	20	Chain	2016	3	2
A-11	441.000	E77	Lunenburg Harbour light buoy E77	4328	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	44º 22' 27.98"	64º 18' 37.6"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-11	5398.010	UT55	Willow Cove Spar UT55	4240	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	43º 54' 57.1"	64º 50' 10.5"	500	lb	Concrete	9.1	16	Chain	2017	3	2
A-11	5398.020	UT56	Willow Cove Spar UT56	4240	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	43º 54' 55.1"	64º 50' 12.2"	500	lb	Concrete	9.1	16	Chain	2017	3	2
A-11	5400.010	UN62	Port Mouton UN62	4240	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.30	43º 55' 27.3"	64º 50' 17.3"	1000	lb	Concrete	7.6	16	Chain	2017	3	2
A-11	5400.020	UN63	Port Mouton UN63	4240	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.90	43º 55' 25.3"	64º 50' 18.9"	500	lb	Concrete	7.6	16	Chain	2017	3	2
A-11	5400.030	UN65	Port Mouton UN65	4240	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.50	43º 55' 26.8"	64º 50' 21.4"	500	lb	Concrete	9.1	16	Chain	2017	3	2
A-11	5400.040	UN67	Port Mouton UN67	4240	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.90	43º 55' 23.4"	64º 50' 28.9"	500	lb	Concrete	7.6	16	Chain	2017	3	2
A-11	5400.050	UN71	Port Mouton UN71	4240	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.30	43º 55' 19"	64º 50' 32"	500	lb	Concrete	7.6	16	Chain	2017	3	2
A-11	5400.060	UN76	Port Mouton UN76	4240	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	43º 55' 15.8"	64º 50' 37"	250	lb	Steel Block	6	16	Chain	2017	3	2

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-11	5400.070	UN79	Port Mouton UN79	4240	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	43º 55' 11.8"	64º 50' 45.5"	500	lb	Concrete	6	16	Chain	2017	3	2
A-11	5400.080	UP54	Port Mouton UP54	4240	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.40	43º 55' 31.3"	64º 50' 35.3"	500	lb	Concrete	7.6	16	Chain	2017	3	2
A-11	5400.090	UP60	Port Mouton UP60	4240	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.10	43º 55' 33.3"	64º 50' 45.1"	500	lb	Concrete	6	16	Chain	2017	3	2
A-11	5400.100	UQ	Port Mouton UQ	4240	Unlit	GDI 0.9m Can		Plastic	Red-white	Year Round	13.70	43º 56' 57.1"	64º 46' 11.14"	1250	lb	Serrated	22	20	Chain	2017	3	2
A-11	5400.110	UQ53	Port Mouton UQ53	4240	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.50	0º 0' 0"	0º 0' 0"	500	lb	Concrete	10.6	16	Chain	2017	3	2
A-11	5400.120	UN75	Port Mouton UN75	4240	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	43º 55' 13.5"	64º 50' 36.9"	200	lb	Concrete	4.5	16	Chain	2017	3	2
A-11	5400.130	UN77	Port Mouton UN77	4240	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	1.50	43º 55' 13.3"	64º 50' 39.7"	200	lb	Concrete	3	16	Chain	2017	3	2
A-11	5400.140	UY57	Port Mouton UY57	4240	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	1.50	43º 55' 11.3"	64º 50' 39.7"	200	lb	Concrete	3	16	Chain	2017	3	2
A-11	5408.510	UM50	Neils Ledge Spar UM50	4379	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	13.80	44º 2' 14.93"	64º 40' 18.76"	1500	lb	Serrated	27.4	20	Chain	2017	3	2
A-11	5410.100	UM54	Liverpool Harbour Spar UM54	4379	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	8.20	44º 2' 47.53"	64º 41' 58.66"	1000	lb	Serrated	8.5	32	Rope	2017	3	2
A-11	5410.200	UM56	Liverpool Spar UM56	4379	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.90	44º 2' 49.23"	64º 42' 9.26"			Helical	9.8		Rope	2017	3	2
A-11	5410.600	UM62	Liverpool Harbour Spar UM62	4379	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	44º 2' 36.43"	64º 42' 45.36"			Helical	8.5		Rope	2017	3	2
A-11	5410.700	UM57	Liverpool Harbour Spar UM57	4379	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	44º 2' 46.23"	64º 42' 19.96"	2500	lb	Concrete	8.5		Rope	2017	3	1
A-11	5410.900	UM61	Liverpool Harbour Spar UM61	4379	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.40	44º 2' 39.33"	64º 42' 38.16"	800	lb	Serrated	2	20	Chain	2017	3	1
A-11	5416.310	UA57	Medway Harbour Spar UA57	4211	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	44º 7' 48.28"	64º 32' 43.79"	1000	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5416.320	UA58	Middle Ledge Spar UA58	4211	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.10	44º 7' 57.28"	64º 32' 44.79"	1000	lb	Concrete	18.3	20	Chain	2017	3	2
A-11	5416.330	UA59	Nautilus Rock Spar UA59	4211	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	44º 8' 6.28"	64º 33' 16.79"	1000	lb	Concrete	18.3	20	Chain	2017	3	2
A-11	5416.340	UA61	Medway Harbour Spar UA61	4211	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	44º 8' 4.28"	64º 33' 57.79"	1000	lb	Concrete	9.1	20	Chain	2017	3	2

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-11	5416.350	UA62	Medway Harbour Spar UA62	4211	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	44º 8' 6.28"	64º 34' 4.79"	1000	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5416.410	UD53	Medway Harbour(Vogler's Cove) buoyUD53	4211	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.10	44º 8' 52.28"	64º 32' 17.79"	500	lb	Concrete	6	16	Chain	2017	3	2
A-11	5416.420	UD54	Medway Harbour(Vogler's Cove) buoyUD54	4211	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	44º 8' 53.28"	64º 32' 11.79"	500	lb	Concrete	6	16	Chain	2017	3	2
A-11	5416.430	UD55	Medway Harbour(Vogler's Cove) buoyUD55	4211	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.50	44º 8' 58.278"	64º 32' 15.792"	500	lb	Concrete	6	16	Chain	2017	3	2
A-11	5416.440	UE	Medway Harbour (Vogler's Cove)UE	4211	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Year Round	3.60	44º 8' 38.34"	64º 32' 21.3"	500	lb	Concrete	6	14	Chain	2017	3	2
A-11	5416.450	UE54	Medway Harbour{(Vogler's Cove)UE54	4211	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	44º 8' 52.278"	64º 32' 32.79"	500	lb	Concrete	6	16	Chain	2017	3	2
A-11	5416.460	UE56	Medway Harbour(Vogler's Cove)UE56	4211	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	44º 9' 6.282"	64º 32' 42.792"	500	lb	Concrete	6	16	Chain	2017	3	2
A-11	5416.470	UE57	Medway Harbour(Vogler's Cove)UE57	4211	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	44º 9' 8.28"	64º 32' 44.79"	500	lb	Concrete	6	16	Chain	2017	3	2
A-11	5416.477	UD57	Volgers Cove East Buoy UD57	4211	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.60	44º 9' 15"	64º 32' 1.2"	500	lb	Concrete	6.1	16	Chain	2017	3	2
A-11	5416.480	UC53	Medway Harbour(Long Cove) UC53	4211	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.60	44º 5' 34.32"	64º 32' 39.28"	1000	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5416.490	UC54	Medway Harbour(Long Cove) UC54	4211	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.00	44º 5' 44"	64º 32' 41.2"	1000	lb	Concrete	10	20	Chain	2017	3	2
A-11	5416.501	UC55	Medway Harbour(Long Cove) UC55	4211	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.70	44º 5' 45.6"	64º 32' 42.78"	1000	lb	Concrete	8	20	Chain	2017	3	2
A-11	5419.100	TS53	Green Ledge Green Can Buoy TS53	4384	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	15.50	44º 11' 8.283"	64º 25' 24.765"	1500	lb	Serrated	15.5	26	Chain	2017	3	2
A-11	5422.010	TM51	West Dublin TM51	4394	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	5.10	44º 14' 25.89"	64º 22' 5.25"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5422.020	TM54	West Dublin TM54	4394	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	6.70	44º 14' 28.39"	64º 22' 11.75"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5422.030	TM55	West Dublin TM55	4394	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	7.30	44º 14' 31.39"	64º 22' 14.75"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5422.040	TP51	West Dublin TP51	4394	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	5.40	44º 14' 37.59"	64º 22' 9.75"	500	lb	Concrete	9.1	14	Chain	2017	3	2

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-11	5423.610	TN56	Crooked Channel Red Spar TN56	4394	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.00	44º 13' 49.89"	64º 22' 29.75"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5423.620	TN57	Crooked Channel Green Spar TN57	4394	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.00	44º 13' 47.19"	64º 22' 39.95"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5423.630	TN60	Crooked Channel Red Spar TN60	4394	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.00	44º 13' 37.89"	64º 22' 46.25"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5423.640	TN61	Crooked Channel Spar TN61	4394	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.00	44º 13' 31.89"	64º 22' 51.25"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5425.010	TH50	French Rock Spar TH50	4394	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.40	44º 14' 35.89"	64º 19' 47.75"	2500	lb	Concrete	18.2	20	Chain	2017	3	2
A-11	5425.020	TH52	Moshers Ledge Red Spar TH52	4394	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.50	44º 14' 38.39"	64º 20' 57.75"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5425.030	TH53	Covey Island Green Spar TH53	4394	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	44º 15' 8.39"	64º 21' 44.75"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5426.010	TD51	Big Shoal Buoy TD51	4394	Unlit	1.25m plastic can		Plastic	Green	Year Round	5.10	44º 15' 57"	64º 20' 46.02"	2500	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5426.020	TD52	Oxners Rock Buoy TD52	4394	Unlit	1.25m plastic con		Plastic	Red	Year Round	4.20	44º 16' .39"	64º 20' 20.75"	2500	lb	Concrete	11.1	20	Chain	2017	3	2
A-11	5427.010	T58	Lahave River Red Spar T58	4394	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	4.60	44º 16' .39"	64º 21' 24.75"	2500	lb	Concrete	18.2	20	Chain	2017	3	2
A-11	5427.015	TK51	West Dublin TK51	4394	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	7.30	44º 15' 30.89"	64º 22' 7.25"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5427.020	T60	Lahave River Red Spar T60	4394	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.40	44º 16' 18.39"	64º 21' 7.75"	2500	lb	Serrated	18.2	20	Chain	2017	3	2
A-11	5427.025	TK55	West Dublin TK55	4394	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	5.10	44º 15' 7.39"	64º 22' 42.25"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5427.030	T61	Lahave River Green Spar T61	4394	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.10	44º 16' 24.39"	64º 21' 3.75"	2500	lb	Serrated	18	20	Chain	2017	3	2
A-11	5427.035	TK60	West Dublin TK60	4394	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	4.80	44º 14' 52.59"	64º 23' 1.75"	500	lb	Concrete	9.1	14	Chain	2017	3	2
A-11	5427.040	T64	Lahave River Red Spar T64	4394	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.10	44º 16' 23.39"	64º 20' 44.75"	2500	lb	Concrete	18.2	20	Chain	2017	3	2
A-11	5427.050	T67	LaHave River Green Spar T67	4395	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.10	44º 17' 32.39"	64º 21' 6.74"	2500	lb	Concrete	18.2	20	Chain	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-11	5427.065	T71	Lahave River Green Spar T71	4395	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.50	44º 20' 1.74"	64º 25' 58.68"	1000	lb	Concrete	18	20	Chain	2017	3	2
A-11	5427.065	T74	Lahave River Red Spar T74	4395	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.50	44º 21' 2.58"	64º 26' 20.28"	500	lb	Concrete	15	14	Chain	2017	3	2
A-11	5427.070	T75	LaHave River Green Spar T75	4395	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	4.50	44º 20' 59.39"	64º 26' 33.74"	2500	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5427.080	T78	Lahave River Red Spar T78	4391	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.90	44º 22' 1.33"	64º 27' 47.63"	2500	lb	Serrated	9.1	20	Chain	2017	3	2
A-11	5427.085	T77	Lahave River Green Spar T77	4391	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	9.00	44º 22' 1.38"	64º 27' 53.28"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	2
A-11	5427.090	T79	LaHave River Green Spar T79	4391	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.80	44º 22' 4.83"	64º 28' 1.13"	500	lb	Concrete	9.1	To Be Fixed	Chain	2017	3	3
A-11	5427.100	T80	Lahave River Red Spar T80	4391	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.30	44º 22' 6.93"	64º 28' 18.93"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	3
A-11	5427.110	T82	LaHave River Red Spar T82	4391	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.80	44º 22' 3.13"	64º 28' 34.53"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	3
A-11	5427.120	T84	Lahave River Red Spar T84	4391	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.10	44º 21' 55.98"	64º 28' 53.16"	500	lb	Concrete	9	16	Chain	2017	3	3
A-11	5427.130	T85	LaHave River Green Spar T85	4391	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.90	44º 21' 56.03"	64º 29' 10.83"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	3
A-11	5427.140	T86	Lahave River Red Spar T86	4391	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.70	44º 22' 2.83"	64º 29' 17.13"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	3
A-11	5427.150	T87	Lahave River Green Spar T87	4391	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.90	44º 22' 5.33"	64º 29' 25.43"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-11	5427.160	T88	Lahave River Red Spar T88	4391	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.90	44º 22' 7.86"	64º 29' 42.22"	500	lb	Concrete	9	14	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-11	5427.170	T90	Lahave River Red Spar T90	4391	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.30	44º 22' 10.14"	64º 29' 51.78"	500	lb	Concrete	9	14	Chain	2017	3	3
A-11	5427.180	T92	Lahave River Red Spar T92	4391	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.80	44º 22' 10.26"	64º 30' 2.52"	500	lb	Concrete	9	16	Chain	2017	3	3
A-11	5434.010	EQ51	Lower Rose Bay EQ51	4384	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	44º 17' 27.42"	64º 16' 5.1"	200	lb	Concrete	5	14	Chain	2017	3	2
A-11	5434.020	EQ53	Lower Rose Bay EQ53	4384	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	44º 17' 25.56"	64º 16' 7.56"	200	lb	Concrete	4	14	Chain	2017	3	2
A-11	5434.025	EQ52	Lower Rose Bay EQ52	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	44º 17' 25.08"	64º 16' 9.12"	200	lb	Concrete	4	14	Chain	2017	3	2
A-11	5434.030	EQ54	Lower Rose Bay EQ54	4384	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	44º 17' 24.24"	64º 16' 15.78"	200	lb	Concrete	4	14	Chain	2017	3	2
A-11	5434.035	EQ55	Lower Rose Bay EQ55	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Green	Seasonal	3.30	44º 17' 22.86"	64º 16' 21.3"	200	lb	Concrete	4	14	Chain	2017	3	2
A-11	5434.050	EQ57	Lower Rose Bay EQ57	4384	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	44º 17' 21.6"	64º 16' 28.44"	200	lb	Concrete	4	14	Chain	2017	3	2
A-11	5434.055	EQ58	Lower Rose Bay EQ58	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	44º 17' 18.72"	64º 16' 35.28"	200	lb	Concrete	4	14	Chain	2017	3	2
A-11	5434.070	EQ60	Lower Rose Bay EQ60	4384	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	44º 17' 19.74"	64º 16' 45"	200	lb	Concrete	4	14	Chain	2017	3	2
A-11	5434.075	EQ61	Lower Rose Bay EQ61	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	44º 17' 19.56"	64º 16' 53.76"	200	lb	Concrete	4	14	Chain	2017	3	3
A-11	5434.080	EQ62	Lower Rose Bay EQ62	4328	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	44º 17' 19.442"	64º 16' 40.359"	200	lb	Concrete	4	14	Chain	2017	3	2
A-11	5434.085	EQ63	Lower Rose Bay EQ63	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Green	Seasonal	3.30	44º 17' 13.26"	64º 17' 2.76"	200	lb	Concrete	3	14	Chain	2017	3	2
A-11	5436.010	E51	Ovens Point Spar E51	4328	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	5.40	44º 19' 4.72"	64º 14' 53.84"	1250	lb	Serrated	27.3	20	Chain	2017	3	2
A-11	5436.020	E59	Long Shoal Spar E59	4328	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	3.40	44º 21' 12.27"	64º 17' 39.69"	1500	lb	Serrated	9.1	20	Chain	2017	3	2
A-11	5436.030	E61	Long Shoal Spar E61	4328	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	5.40	44º 21' 24.37"	64º 17' 57.09"	1500	lb	Serrated	18.2	20	Chain	2017	3	2
A-11	5436.040	E63	Moreau Point Rock Spar E63	4328	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	5.40	44º 21' 48.5"	64º 18' 6.77"	1500	lb	Serrated	18.2	20	Chain	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-11	5436.050	E79	Lunenburg Harbour Spar E79	4328	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	44º 22' 30.23"	64º 18' 43.56"	1000	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5436.060	E81	Lunenburg Harbour Middle Spar E81	4328	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	44º 22' 32.71"	64º 18' 49.56"	1000	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5436.070	E85	Lunenburg Harbour Inner Spar E85	4328	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	2.70	44º 22' 33.29"	64º 18' 54.52"	1000	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5436.080	E86	Lunenburg Harbour Inner Spar E86	4328	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.40	44º 22' 35.35"	64º 18' 58.28"	1000	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5436.090	EJ51	Mosher Head Shoal Spar EJ51	4328	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	44º 20' 39"	64º 17' 34.9"	1500	lb	Serrated	18.2	20	Chain	2017	3	2
A-11	5436.100	EJ55	Shingles Shoal Spar EJ55	4328	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	1.80	44º 21' 1.07"	64º 18' 14.76"	1500	lb	Serrated	9.1	20	Chain	2017	3	2
A-11	5436.110	EK51	Mason Cove Buoy EK51	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.50	44º 21' 15.44"	64º 19' 2.99"	500	lb	Concrete	7.3	16	Rope	2017	3	2
A-11	5436.120	EK53	Mason Cove Buoy EK53	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	44º 21' 14.62"	64º 19' 20.4"	500	lb	Concrete	5.5	16	Rope	2017	3	2
A-11	5436.130	EK54	Mason Cove Buoy EK54	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.70	44º 21' 16.03"	64º 19' 14.84"	500	lb	Concrete	5.5	16	Rope	2017	3	2
A-11	5436.131	EK56	Mason Cove Buoy EK56	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.70	44º 21' 27.26"	64º 19' 25.93"	500	lb	Concrete	7.3	16	Rope	2017	3	2
A-11	5436.132	EK55	Mason Cove Buoy EK55	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.70	44º 21' 20.79"	64º 19' 23.19"	500	lb	Concrete	7.3	16	Rope	2017	3	2
A-11	5436.140	EK63	Mason Cove Buoy EK63	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.70	44º 21' 37.37"	64º 19' 51.99"	500	lb	Concrete	4.5	16	Rope	2017	3	2
A-11	5436.150	EM52	Lower South Cove Buoy EM52	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.50	44º 20' 54.74"	64º 18' 50.9"	500	lb	Concrete	7.3	20	Chain	2017	3	2
A-11	5436.160	EM53	Lower South Cove Buoy EM53	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.70	44º 20' 48.68"	64º 18' 38.65"	500	lb	Concrete	7.3	20	Chain	2017	3	2
A-11	5436.170	EM56	Lower South Cove Buoy EM56	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.80	44º 20' 38.89"	64º 18' 57.26"	500	lb	Concrete	7	20	Chain	2017	3	2
A-11	5436.180	EM57	Lower South Cove Buoy EM57	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	44º 20' 30.19"	64º 19' 1.72"	500	lb	Concrete	7	20	Chain	2017	3	2
A-11	5436.190	EM59	Lower South Cove Buoy EM59	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	44º 20' 22.18"	64º 19' 3.46"	500	lb	Concrete	7	16	Chain	2017	3	2
A-11	5436.200	EM60	Lower South Cove Buoy EM60	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.70	44º 20' 19.37"	64º 19' 5.42"	500	lb	Concrete	7	20	Chain	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-11	5436.300	EM62	Lower South Cove Buoy EM62	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	44º 20' 4.36"	64º 19' 3.2"	500	lb	Concrete	7	20	Chain	2017	3	2
A-11	5436.400	EM63	Lower South Cove Buoy EM63	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.70	44º 19' 55.22"	64º 18' 57.4"	500	lb	Concrete	7	20	Chain	2017	3	2
A-11	5436.500	EM64	Lower South Cove Buoy EM64	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	44º 19' 53.94"	64º 18' 59"	500	lb	Concrete	7	20	Chain	2017	3	2
A-11	5436.600	EM66	Lower South Cove Buoy EM66	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	44º 19' 48.65"	64º 18' 49.62"	500	lb	Concrete	7	20	Chain	2017	3	2
A-11	5436.700	EM67	Lower South Cove Buoy EM67	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.10	44º 19' 46.74"	64º 18' 39.46"	500	lb	Concrete	5	20	Chain	2017	3	2
A-11	5436.800	EM68	Lower South Cove Buoy EM68	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.80	44º 19' 45.11"	64º 18' 41.32"	500	lb	Concrete	7	20	Chain	2017	3	2
A-11	5436.900	EM70	Lower South Cove Buoy EM70	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	44º 19' 41.27"	64º 18' 37.19"	500	lb	Concrete	7	20	Chain	2017	3	2
A-11	5439.010	EH52	Lunenburg Sea Products Basin Spar EH52	4328	Unlit	GDI 2M		Plastic	Red	Year Round	5.10	44º 21' 57.6"	64º 17' 54.5"	500	lb	Concrete	6.1	16	Rope	2017	3	2
A-11	5439.020	EE	Lunenburg Harbour Outer Spar EE	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green-red-green	Year Round	3.60	44º 22' 19.58"	64º 18' 25.63"	1000	lb	Concrete	6.1	16	Rope	2017	3	2
A-11	5442.010	EC51	East Point Gut Spar EC51	4328	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	12.00	44º 21' 3.06"	64º 11' 59.76"	500	lb	Concrete	7	16	Rope	2017	3	2
A-11	5442.020	EC52	East Point Gut Spar EC52	4328	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.80	44º 21' 3.33"	64º 12' 9.79"	500	lb	Concrete	9.1	20	Chain	2017	3	2
A-11	5442.030	EC	Millers Island West Cardinal EC	4328	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black-yellow	Year Round	4.50	44º 21' 2.15"	64º 13' 47.43"	600	kg	Serrated	9.1	28	Chain	2017	3	2
A-11	5442.040	EC65	Sculpin Shoal Spar EC65	4328	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.90	44º 20' 42.19"	64º 14' 41.13"	1500	lb	Serrated	27.3	20	Chain	2017	3	2
A-11	5442.050	EC66	Blue Rocks Spar EC66	4328	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.40	44º 21' 3.95"	64º 14' 40.74"	1500	lb	Serrated	18.2	20	Chain	2017	3	2

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Mahone Bay		
Contract Area no.:	A-12		
Province(s):	Nova Scotia		
Contract Area Description:	Includes Mahone Bay		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Dartmouth, NS		
Commissioning date:	May 15th		
Decommissioning date:	December 1st		
Total no. of buoys:	98		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	530		
Maximum water depth (m) :	47.5		
Operational Season:	May 15th to December 1st		
Overview of work activities:	<p>68 buoys are 'year round', and 28 buoys are 'seasonal'. 15 buoys have removable lanterns.</p> <p>At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers.</p> <p>For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Decommissioning work includes removal of lanterns from year round buoys..</p> <p>The work also includes planned cyclical mooring replacement every 3 or 5 years; refer to detailed buoy data for schedule of next replacement.</p> <p>This work is for for year round buoys only.</p> <p>Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment.</p> <p>Unscheduled work includes response to discrepancies during the operational season.</p>		
Comment:	<i>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.</i>		

Contract Area name:	Mahone Bay
Contract Area no.:	A-12

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 3 current contracts included in this contract area, as follows:

EXISTING CONTRACT Name / Number of buoys	
Mahone	74
Lunenburg (partial)	2
St. Margaret's Bay	22
Total:	98

All current contracts expire in July 2015.
Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-12	5449.051	MEA	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1706	Off Position / Hors Position	05/07/2010	2
A-12	449.500	M60	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1991	Extinguished / Éteinte	16/08/2012	2
A-12	449.500	M60	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M709	Off Position / Hors Position	04/04/2011	2
A-12	449.500	M60	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2403	Extinguished / Éteinte	06/09/2010	2
A-12	449.500	M60	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2018	Off Position / Hors Position	11/08/2009	2
A-12	450.000	M61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1764	Off Position / Hors Position	28/07/2013	2
A-12	450.000	M61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1293	Off Position / Hors Position	12/06/2013	2
A-12	450.000	M61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2177/12	Extinguished / Éteinte	04/09/2012	2
A-12	450.000	M61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2017	Extinguished / Éteinte	11/08/2009	2
A-12	450.800	M67	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1607	Extinguished / Éteinte	15/07/2013	2
A-12	450.800	M67	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1482	Extinguished / Éteinte	07/06/2011	2
A-12	450.800	M67	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1748	Extinguished / Éteinte	14/07/2009	2
A-12	454.550	MC70	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1909	Extinguished / Éteinte	31/07/2009	2
A-12	454.620	MU57	1.2m Mobilis 1200 Heighten (2.3m).	1.2m Mobilis 1200 Heighten (2.3m).	M1334	Extinguished / Éteinte	16/06/2013	2
A-12	454.620	MU57	1.2m Mobilis 1200 Heighten (2.3m).	1.2m Mobilis 1200 Heighten (2.3m).	M1568	Off Position / Hors Position	13/06/2011	2
A-12	454.630	MU53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1703	Extinguished / Éteinte	23/07/2013	2
A-12	457.200	MK53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3316	Extinguished / Éteinte	28/11/2011	2
A-12	457.200	MK53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M942	Extinguished / Éteinte	26/04/2011	2
A-12	457.400	MK58	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1488	Extinguished / Éteinte	07/06/2011	2
A-12	477.400	DP54	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1590	Off Position / Hors Position	10/07/2012	2
A-12	480.100	DV52	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1586	Off Position / Hors Position	10/07/2012	2
A-12	480.100	DV52	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1555	Extinguished / Éteinte	29/06/2009	2
A-12	5449.015	MS52	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1296	Off Position / Hors Position	25/05/2010	2
A-12	5449.025	MS54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1295	Off Position / Hors Position	25/05/2010	2

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-12	5449.035	MS55	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1294	Off Position / Hors Position	25/05/2010	2
A-12	5449.045	MS60	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2158	Off Position / Hors Position	19/08/2009	2
A-12	5449.060	ME64	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2020	Not Reliable / pas fiable	11/08/2009	2
A-12	5449.070	ME66	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2019	Not Reliable / pas fiable	11/08/2009	2
A-12	5449.080	MJ51	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2174	Off Position / Hors Position	21/08/2009	2
A-12	5449.080	MJ51	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1832	Partially Submerged / Partiellement Submergée	22/07/2009	2
A-12	5449.085	MS65	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2053	Off Position / Hors Position	09/08/2010	2
A-12	5449.090	M58	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M723	Off Position / Hors Position	05/04/2011	2
A-12	5449.510	MQ52	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2279	Partially Submerged / Partiellement Submergée	24/09/2013	2
A-12	5449.510	MQ52	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1277	Partially Submerged / Partiellement Submergée	05/06/2012	2
A-12	5449.510	MQ52	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1417	Off Position / Hors Position	16/06/2009	2
A-12	5454.631	MU54	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1880	Partially Submerged / Partiellement Submergée	06/08/2012	2
A-12	5454.651	MB57	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2548	Submerged / Submergée	04/09/2011	2
A-12	5454.651	MB57	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2283	Not Reliable / pas fiable	14/08/2011	2
A-12	5455.055	MX51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2479	Off Position / Hors Position	10/09/2010	2
A-12	5455.080	MX57	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1618	Off Position / Hors Position	14/07/2012	2
A-12	5455.080	MX57	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2125	Off Position / Hors Position	31/07/2011	2
A-12	5455.080	MX57	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1798	Off Position / Hors Position	01/07/2011	2
A-12	5455.080	MX57	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1605	Off Position / Hors Position	14/06/2011	2
A-12	5455.090	MU61	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2022	Off Position / Hors Position	05/08/2010	2
A-12	5474.010	DA55	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1372	Submerged / Submergée	20/06/2013	2
A-12	5474.010	DA55	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2822	Off Position / Hors Position	03/12/2012	2
A-12	5474.010	DA55	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1589	Off Position / Hors Position	10/07/2012	2
A-12	5474.010	DA55	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1645	Off Position / Hors Position	15/07/2012	2
A-12	5474.010	DA55	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M228	Off Position / Hors Position	21/01/2011	2

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A-12	5476.010	DF54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1542/12	Off Position / Hors Position	06/07/2012	2
A-12	5480.210	DA60	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1938	Partially Submerged / Partiellement Submergée	11/08/2012	2
A-12	5480.210	DA60	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1818	Off Position / Hors Position	18/07/2010	2
A-12	5480.220	DA66	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1378	Off Position / Hors Position	10/06/2009	2
A-12	5480.220	DA66	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1321	Off Position / Hors Position	05/06/2009	2
A-12	5480.230	DA68	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2201	Off Position / Hors Position	17/09/2013	2
A-12	5480.230	DA68	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1468	Submerged / Submergée	11/06/2010	2
A-12	5480.291	DT52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1375	Off Position / Hors Position	20/06/2013	2
A-12	5480.291	DT52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M3120	Off Position / Hors Position	04/11/2011	2
A-12	5480.291	DT52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2277	Off Position / Hors Position	13/08/2011	2
A-12	5480.291	DT52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1479	Off Position / Hors Position	06/06/2011	2
A-12	5480.291	DT52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M784	Off Position / Hors Position	14/04/2011	2
A-12	5480.291	DT52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1554	Off Position / Hors Position	29/06/2009	2
A-12	5480.292	DT54	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M195		24/01/2013	2
A-12	5480.292	DT54	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1208	Off Position / Hors Position	28/05/2012	2
A-12	5480.295	DU51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1374	Off Position / Hors Position	20/06/2013	2
A-12	5480.295	DU51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2446	Submerged / Submergée	07/10/2012	2
A-12	5480.295	DU51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2725	Partially Submerged / Partiellement Submergée	20/09/2011	2
A-12	5480.295	DU51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1541/12	Submerged / Submergée	06/07/2012	2
A-12	5480.295	DU51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1741	Off Position / Hors Position	26/06/2011	2
A-12	5480.295	DU51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1792	Off Position / Hors Position	14/07/2010	2
A-12	5480.295	DU51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1595	Off Position / Hors Position	01/07/2009	2
A-12	5480.296	DU52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1585	Off Position / Hors Position	10/07/2012	2

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Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-12	5480.297	DV51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2495	Off Position / Hors Position	15/10/2012	2
A-12	5480.297	DV51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M0304	Off Position / Hors Position	14/02/2009	2
A-12	5480.300	DB52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2494	Off Position / Hors Position	15/10/2012	2
A-12	5480.300	DB52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2451	Off Position / Hors Position	08/10/2012	2
A-12	5480.300	DB52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1587	Off Position / Hors Position	10/07/2012	2
A-12	5484.010	DN56	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1376	Off Position / Hors Position	20/06/2013	2
A-12	5484.030	DN58	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M500/12	Off Position / Hors Position	28/03/2012	2
A-12	5484.050	DG52	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1588	Off Position / Hors Position	10/07/2012	2
A-12	454.400	MS57	GDI 0.9m plate	GDI 0.9m Can	M2278	Extinguished / Éteinte	24/09/2013	1
A-12	454.200	MS56	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2277	Extinguished / Éteinte	24/09/2013	1

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-12	5445.010	EA55	Tanner Pass Outer Green Spar EA55	4328	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.90	44º 22' 7.31"	64º 11' 52.36"	1500	lb	Serrated	18.2	20	Chain	2017	3	2
A-12	5445.020	EA59	Tanner Pass Inner Green Spar EA59	4328	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.90	44º 22' 14.92"	64º 12' 25.37"	1500	lb	Serrated	18.2	20	Chain	2017	3	2
A-12	449.400	M	Middle Patch Isolated Danger Buoy M	4381	Night	GDI 1.22m Can		Plastic	Black-red-black	Year Round	13.00	44º 25' 27.42"	64º 15' 5.4"	1500	lb	Steel Block	27	20	Chain	2016	3	2
A-12	449.500	M60	Southwest Ledge light buoy M60	4381	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	23.80	44º 25' 47.36"	64º 16' 18.72"	2500	lb	Concrete	36	38	Rope	2016	3	2
A-12	450.000	M61	Covey Ledge light buoy M61	4381	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	27.40	44º 25' 48.36"	64º 17' 30.72"	2500	lb	Concrete	54.8	32	Rope	2016	3	2
A-12	450.800	M67	Westhaver Island light buoy M67	4381	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.00	44º 26' 18.36"	64º 20' 33.72"	2500	lb	Concrete	12.2	32	Rope	2016	3	2
A-12	452.500	M72	Mahone Harbour Light Buoy M72	4381	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	4.00	44º 26' 43.26"	64º 21' 59.28"	1500	lb	Serrated	12	20	Chain	2016	3	1
A-12	454.200	MS56	Martins Point Light Buoy MS56	4381	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal		44º 28' 53.16"	64º 17' 37.44"	500	lb	Concrete	12	14	Chain	2016	3	1
A-12	454.400	MS57	Beacon Shoal Light Buoy MS57	4381	Night	0.9m River Can		Plastic	Green	Seasonal	4.00	44º 28' 50"	64º 17' 49.74"	1500	lb	Serrated	12	To Be Fixed	Chain	2016	3	1
A-12	454.550	MC70	Little Fish Island light buoy MC70	4381	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.40	44º 32' 12.86"	64º 15' 2.72"	1000	lb	Concrete	9	16	Chain	2016	3	2
A-12	454.600	MC66	Dauphinee Point light buoy MC66	4381	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.50	44º 32' 9.36"	64º 15' 39.72"	2500	lb	Concrete	9.1	32	Rope	2016	3	2
A-12	454.620	MU57	Gold Ledges light buoy MU57	4381	Night	1.2m MOBILIS 1200 heighten (2.3m).		Plastic	Green	Year Round	4.00	44º 32' 26.36"	64º 18' 28.72"	1000	lb	Concrete	9.1	20	Chain	2016	3	2
A-12	454.630	MU53	Middle Rock light buoy MU53	4381	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	12.00	44º 32' 9.36"	64º 17' 25.72"	2500	lb	Concrete	18.3	32	Rope	2016	3	2
A-12	457.200	MK53	Shoal Cove light buoy MK53	4381	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.50	44º 29' 51.86"	64º 7' 21.22"	2500	lb	Concrete	12	32	Rope	2016	3	2
A-12	457.400	MK58	Blandford light buoy MK58	4381	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.80	44º 29' 44.36"	64º 6' 43.72"	1000	lb	Concrete	4.5	16	Chain	2016	3	2
A-12	477.400	DP54	Northwest Cove light buoy DP54	4386	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.40	44º 32' 1"	64º 1' 20"	1250	lb	Serrated	6	32	Rope	2016	3	2

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-12	480.100	DV52	Redmond Cove light buoy DV52	4386	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	44º 36' 2.324"	63º 56' 11.747"	200	lb	Concrete	7.6	16	Rope	2016	3	2
A-12	5449.010	MM61	Gorehams Point Spar MM61	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	44º 23' 55.36"	64º 15' 41.72"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5449.015	MS52	Mahone Bay MS52	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal	6.70	44º 29' 32.36"	64º 16' 29.72"	200	lb	Concrete	7.6	14	Chain	2015	5	2
A-12	5449.020	ME55	Bluff Head East Green Spar ME55	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	10.90	44º 24' 50.86"	64º 14' 37.22"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5449.025	MS54	Mahone Bay MS54	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.70	44º 29' 17.36"	64º 16' 45.72"	200	lb	Concrete	9.1	14	Chain	2019	5	2
A-12	5449.030	ME57	Bluff Head North Green Spar ME57	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	10.90	44º 24' 53.86"	64º 14' 57.72"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5449.035	MS55	Mahone Bay MS55	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.10	44º 28' 50.36"	64º 17' 29.72"	200	lb	Concrete	7.6	14	Chain	2015	5	2
A-12	5449.040	ME59	Sandy Cove Green Spar ME59	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.30	44º 24' 42.36"	64º 16' 4.72"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5449.045	MS60	Mahone Bay MS60	4381	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	0º 0' 0"	0º 0' 0"	200	lb	Concrete	3.6	14	Chain	2019	5	2
A-12	5449.050	ME60	Backman Shoal Red Spar ME60	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.30	44º 25' 13.36"	64º 16' 39.72"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5449.051	MEA	Backman Island Cautionary Buoy MEA	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Year Round	11.00	44º 24' 46.62"	64º 17' 59.04"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5449.055	MS61	Mahone Bay MS61	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	3.6	14	Chain	2018	5	2
A-12	5449.060	ME64	Little Herman Island East ME64	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	44º 24' 30.9"	64º 18' 56.1"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5449.065	MS62	Mahone Bay MS62	4381	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	3.6	14	Chain	2016	5	2
A-12	5449.070	ME66	Little Herman Island South ME66	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	44º 24' 30"	64º 19' 3.9"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5449.075	MS63	Mahone Bay MS63	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40			200	lb	Concrete	3.6	14	Chain	2016	5	2
A-12	5449.080	MJ51	Herman Island MJ51	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	11.60	44º 24' 54.86"	64º 18' 33.22"	1000	lb	Concrete	18.2	16	Chain	2016	3	2
A-12	5449.085	MS65	Mahone Bay MS65	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	0º 0' 0"	0º 0' 0"	200	lb	Concrete	3.6	14	Chain	2015	5	2

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-12	5449.090	M58	Haddock Shoal Spar M58	4381	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.00	44º 26' .36"	64º 14' 15.72"	1500	lb	Serrated	18.2	38	Rope	2015	3	2
A-12	5449.095	MS66	Mahone Bay MS66	4381	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	0º 0' 0"	0º 0' 0"	200	lb	Concrete	3.6	14	Chain	2015	5	2
A-12	5449.100	M70	Strum Shoal Spar M70	4381	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	8.20	44º 26' 33.36"	64º 21' 8.72"	1500	lb	Serrated	12.2	32	Rope	2016	3	2
A-12	5449.110	MH	Andrews Shoal Spar MH	4381	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red-green-red	Year Round	9.10	44º 26' 12.36"	64º 19' 34.72"	1500	lb	Serrated	12.2	32	Rope	2016	3	2
A-12	5449.120	MHA	Strum Shoal North Cardinal Buoy MHA	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow	Year Round	5.40	44º 26' 41.36"	64º 21' 13.72"	1000	lb	Concrete	9.1	16	Chain	2016	3	2
A-12	5449.130	M69	Mahone Harbour M69	4381	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.50	44º 26' 28.14"	64º 21' 15.54"	1500	lb	Steel Block	15	20	Chain	2016	3	1
A-12	5449.510	MQ52	Spectacle Shoals Spar MQ52	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	18.20	44º 26' 56.36"	64º 16' 39.22"	1000	lb	Concrete	27	16	Chain	2016	3	2
A-12	5449.520	MQ53	Bella Spit Spar MQ53	4381	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.40	44º 27' 19.36"	64º 16' 13.72"	1500	lb	Serrated	12.2	32	Rope	2016	3	2
A-12	5452.710	MP51	Bella Shoal Spar MP51	4381	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	44º 28' 8.36"	64º 15' 32.72"	1500	lb	Serrated	12.2	32	Rope	2016	3	2
A-12	5452.720	MP52	Young Ledge Spar MP52	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	8.20	44º 28' 18.36"	64º 15' 49.72"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5454.631	MU54	Mahone Bay MU54	4381	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.70	44º 32' 27.36"	64º 17' 32.72"	200	lb	Concrete	7.6	14	Chain	2019	5	2
A-12	5454.632	MU56	Mahone Bay MU56	4381	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	44º 32' 25.86"	64º 18' 18.72"	200	lb	Concrete	12.2	14	Chain	2015	5	2
A-12	5454.634	MU59	Mahone Bay MU59	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.20	0º 0' 0"	0º 0' 0"	200	lb	Concrete	5.4	14	Chain	2019	5	2
A-12	5454.635	MU60	Mahone Bay MU60	4381	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	0º 0' 0"	0º 0' 0"	200	lb	Concrete	5.4	14	Chain	2015	5	2
A-12	5454.636	MU62	Mahone Bay MU62	4381	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.20	0º 0' 0"	0º 0' 0"	200	lb	Concrete	5.4	14	Chain	0	5	2
A-12	5454.637	MU63	Mahone Bay MU63	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	0º 0' 0"	0º 0' 0"	200	lb	Concrete	5.4	14	Chain	2015	5	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-12	5454.651	MB57	Mahone Bay MB57	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.40	44º 33' 35.36"	64º 17' 55.72"	200	lb	Concrete	7.6	14	Chain	2015	5	2
A-12	5454.652	MB59	Mahone Bay MB59	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	44º 33' 53.36"	64º 18' 9.72"	200	lb	Concrete	5.4	14	Chain	2015	5	2
A-12	5454.710	MT52	Warnes Ledge Spar MT52	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.30	44º 31' 24.36"	64º 16' 51.72"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5454.720	MT54	Kurser Spit Spar MT54	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.40	44º 31' 30.36"	64º 17' 37.72"	1000	lb	Concrete	18	16	Chain	2016	3	2
A-12	5454.730	MU51	Warnes Shoal Spar Buoy MU51	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	16.40	44º 31' 54.36"	64º 17' 7.72"	1000	lb	Concrete	27.4	16	Rope	2016	3	2
A-12	5454.740	MCC	North Gooseberry Shoal Spar MCC	4381	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Black-yellow	Year Round	10.90	44º 31' 38.36"	64º 16' 1.72"	2500	lb	Concrete	12.2	32	Rope	2016	3	2
A-12	5455.010	MV51	Clay Island Spit Spar MV51	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.30	44º 30' 49.36"	64º 14' 44.72"	1000	lb	Concrete	18.2	16	Chain	2016	3	2
A-12	5455.015	MA61	Mahone Bay MA61	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.80	44º 31' 31.36"	64º 14' 29.72"	200	lb	Concrete	7.6	14	Chain	0	5	2
A-12	5455.020	MAA	Chester Rock Spar MAA	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Year Round	3.60	44º 32' 2.36"	64º 14' 16.22"	1000	lb	Concrete	9.1	16	Chain	2016	3	2
A-12	5455.025	MA65	Mahone Bay MA65	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	11.20	44º 32' 8.86"	64º 14' 20.72"	200	lb	Concrete	15.2	14	Chain	2017	5	2
A-12	5455.035	MC69	Mahone Bay MC69	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.80	44º 32' 15.354"	64º 15' 1.014"	200	lb	Concrete	7.6	14	Chain	2015	5	2
A-12	5455.045	MV53	Mahone Bay MV53	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.80	44º 31' 36.76"	64º 15' 4.72"	200	lb	Concrete	7.6	14	Chain	2015	5	2
A-12	5455.055	MX51	Mahone Bay MX51	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.50	44º 32' 54.36"	64º 11' 47.72"	200	lb	Concrete	7.6	14	Chain	2017	5	2
A-12	5455.060	MX52	Mahone Bay MX52	4381	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.50	44º 32' 48.36"	64º 11' 44.72"	200	lb	Concrete	7.6	14	Chain	2017	5	2
A-12	5455.070	MX54	Mahone Bay MX54	4381	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.10	44º 31' 56.86"	64º 12' 23.22"	200	lb	Concrete	7.6	14	Chain	2017	5	2
A-12	5455.080	MX57	Mahone Bay MX57	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	16.70	44º 31' 23"	64º 12' 18"	200	lb	Concrete	18.2	14	Chain	2017	5	2
A-12	5455.090	MU61	Mahone Bay MU61	4381	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.90	44º 32' 30.36"	64º 18' 44.72"	200	lb	Concrete	5.4	14	Chain	2015	5	2
A-12	5459.010	MK54	Shoal Cove Head MK54	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	44º 29' 40.36"	64º 7' 6.22"	500	lb	Concrete	9.1	16	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-12	5459.015	MY	Deep Cove West Cardinal Spar Buoy MY	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black-yellow	Year Round	3.70	44º 32' 7.1"	64º 7' 1.6"	500	lb	Concrete	11	16	Chain	2016	3	2
A-12	5459.016	MY54	Deep Cove MY54	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.00	44º 32' 8.8"	64º 6' 57.5"	500	lb	Concrete	6		Rope	2016	3	2
A-12	5459.020	MK55	Shoal Cove Head MK55	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	44º 29' 49.86"	64º 7' 2.72"	500	lb	Concrete	9.1	16	Chain	2016	3	2
A-12	5459.030	MK56	Shoal Cove Head MK56	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.80	44º 29' 48.36"	64º 6' 57.72"	500	lb	Concrete	9.1	16	Chain	2016	3	2
A-12	5459.035	MY56	Deep Cove MY56	4381	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.00	44º 32' 4.4"	64º 6' 52.5"	500	lb	Concrete	12	16	Chain	2016	3	2
A-12	5459.040	MK57	Shoal Cove Head MK57	4381	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	44º 29' 48.36"	64º 6' 48.22"	500	lb	Concrete	4.5	16	Chain	2016	3	2
A-12	5460.010	MN52	Tancook Island Spar MN52	4381	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	5.40	44º 28' 4.68"	64º 10' 39.36"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-12	5460.020	MN53	Tancook Island Spar MN53	4381	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	10.00	44º 28' 9.36"	64º 10' 23.72"	1000	lb	Concrete	18.2	20	Chain	2016	3	2
A-12	5464.010	MD60	Coachman Ledge Spar MD60	4381	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	10.00	44º 29' 18.36"	64º 10' 31.72"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-12	5464.020	MD57	Tancook Island Spar MD57	4381	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	8.20	44º 28' 18.36"	64º 8' 55.72"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-12	5474.010	DA55	Charlie Rock Spar DA55	4386	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	47.50	44º 30' 32.335"	63º 58' 59.763"	1500	lb	Serrated	55	32	Rope	2017	3	2
A-12	5476.010	DF54	Aspotagan DF54	4386	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.50	44º 30' 48.325"	64º 2' 10.751"	500	lb	Concrete	3.7	14	Chain	2015	3	2
A-12	5479.010	DY54	Slaughenwhite Ledge Spar DY54	4386(1)	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	16.40	44º 37' 24.352"	64º 2' 43.665"	1250	lb	Serrated	25	32	Rope	2017	3	2
A-12	5480.210	DA60	St. Margaret's Bay DA60	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	7.60	44º 36' 33.528"	63º 57' 11.753"	200	lb	Concrete	21	16	Chain	2016	3	2
A-12	5480.220	DA66	St. Margaret's Bay DA66	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	6.40	44º 39' 25.325"	63º 55' 58.755"	200	lb	Concrete	13.7	14	Rope	2016	3	2
A-12	5480.230	DA68	St. Margaret's Bay DA68	4386	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	11.30	44º 39' 27.334"	63º 55' 30.753"	200	lb	Concrete	13.7	14	Rope	2016	3	2

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	West Dover to Ketch Harbour		
Contract Area no.:	A-13		
Province(s):	Nova Scotia		
Contract Area Description:	Includes the area from West Dover to Ketch Harbour		
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Dartmouth		
Commissioning date:	May 15th, except Shad Bay (8 no.) April 15th		
Decommissioning date:	December 1st		
Total no. of buoys:	118		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	64		
Operational Season:	May 15th to December 1st April 15th, Shad Bay, to November 15th		
Overview of work activities:	110 of the buoys are 'year round' and 8 of the buoys are 'seasonal'. 31 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Decommisioning work includes removal of lanterns. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. The work also includes planned cyclical mooring replacement every 3 or 5 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.		

Contract Area name:	West Dover to Ketch Harbour
Contract Area no.:	A-13

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 4 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>			
		option				
Name	No. of buoys					
West Dover	22	2015				
Shad Bay	12	2015				
Terence Bay	41	2015		<u>2015 - 2016:</u>	75 buoys	
Total, 2015:	75					
Ketch Harbour	43	2016		<u>2016 to 2019 (or</u>		
Total, 2016:	43			<u>2020 if option year</u>		
				<u>exercised):</u>	118 buoys	

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-13	504.010	HA2	1.5m SB 98 plastique	1.5m SB 98 plastic	M2393	Extinguished / Éteinte	07/10/2013	2
A-13	504.010	HA2	1.5m SB 98 plastique	1.5m SB 98 plastic	M0068	Partially Submerged / Partiellement Submergée	06/01/2010	2
A-13	501.500	AA53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1614	Off Position / Hors Position	16/07/2013	1
A-13	505.100	HR2	GDI 1.22m conique	GDI 1.22m Conical	M2500	Extinguished / Éteinte	18/10/2013	1
A-13	505.100	HR2	GDI 1.22m conique	GDI 1.22m Conical	M1528	Extinguished / Éteinte	08/07/2013	1
A-13	505.200	HR4	GDI 1.22m conique	GDI 1.22m Conical	M1469	Extinguished / Éteinte	29/06/2013	1
A-13	504.020	HSA	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1496	Extinguished / Éteinte	02/07/2012	2
A-13	504.020	HSA	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1245	Partially Submerged / Partiellement Submergée	31/05/2012	2
A-13	504.020	HSA	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1950	Partially Submerged / Partiellement Submergée	17/07/2011	2
A-13	504.020	HSA	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1869	Submerged / Submergée	07/07/2011	2
A-13	504.020	HSA	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2793	Extinguished / Éteinte	06/10/2010	2
A-13	504.020	HSA	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1551	Off Position / Hors Position	28/06/2009	2
A-13	501.700	AA52	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M136	Extinguished / Éteinte	13/01/2013	1
A-13	503.100	HE16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1814	Extinguished / Éteinte	01/08/2013	2
A-13	503.100	HE16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2951	Off Position / Hors Position	27/12/2012	2
A-13	503.100	HE16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3251	Off Position / Hors Position	10/12/2010	2
A-13	503.100	HE16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1701	Off Position / Hors Position	05/07/2010	2
A-13	503.100	HE16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1678	Partially Submerged / Partiellement Submergée	01/07/2010	2
A-13	501.300	AA54	GDI 0.9m conique	GDI 0.9m Conical	M135	Extinguished / Éteinte	13/01/2013	1
A-13	501.300	AA54	GDI 0.9m conique	GDI 0.9m Conical	M2936	Off Position / Hors Position	30/10/2009	1
A-13	498.200	AD56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1613	Off Position / Hors Position	16/07/2013	2
A-13	504.500	HS12	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1287	Extinguished / Éteinte	22/05/2011	2
A-13	505.800	HS19	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M3031	Extinguished / Éteinte	07/11/2010	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-13	511.000	HE19	5x9 LFR Gilman Bouée	5x9 LFR Gilman Buoy	M430	Off Position / Hors Position	09/03/2013	2
A-13	511.000	HE19	5x9 LFR Gilman Bouée	5x9 LFR Gilman Buoy	M316	Extinguished / Éteinte	16/02/2013	2
A-13	511.000	HE19	5x9 LFR Gilman Bouée	5x9 LFR Gilman Buoy	M1550	Off Position / Hors Position	07/07/2012	2
A-13	511.000	HE19	5x9 LFR Gilman Bouée	5x9 LFR Gilman Buoy	M1550	Off Position / Hors Position	07/07/2012	2
A-13	511.000	HE19	5x9 LFR Gilman Bouée	5x9 LFR Gilman Buoy	M1495/12	Off Position / Hors Position	02/07/2012	2
A-13	511.000	HE19	5x9 LFR Gilman Bouée	5x9 LFR Gilman Buoy	M1699	Showing Improper Character / Caractéristiques Inexactes	05/07/2010	2
A-13	511.000	HE19	5x9 LFR Gilman Bouée	5x9 LFR Gilman Buoy	M1539	Off Position / Hors Position	26/06/2009	2
A-13	512.000	HD5	1.4m Bouée	1.4m Buoy	M1928	Off Position / Hors Position	16/08/2013	2
A-13	512.000	HD5	1.4m Bouée	1.4m Buoy	M1250	Extinguished / Éteinte	02/08/2011	2
A-13	512.000	HD5	1.4m Bouée	1.4m Buoy	M0545	Off Position / Hors Position	21/03/2010	2
A-13	5489.510	AV51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2831	Off Position / Hors Position	29/09/2011	2
A-13	5491.010	AT51	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2026	Off Position / Hors Position	31/08/2013	2
A-13	5491.010	AT51	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2039	Off Position / Hors Position	07/08/2010	2
A-13	5491.010	AT51	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1997	Off Position / Hors Position	01/08/2010	2
A-13	5491.020	AY	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2936	Off Position / Hors Position	24/10/2010	2
A-13	5491.025	AT54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1360	Off Position / Hors Position	19/06/2013	2
A-13	5491.025	AT54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1304	Off Position / Hors Position	24/05/2011	2
A-13	5491.025	AT54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M154	Off Position / Hors Position	11/01/2011	2
A-13	5491.025	AT54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2235	Off Position / Hors Position	26/08/2009	2
A-13	5491.030	AQ55	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2526	Off Position / Hors Position	01/09/2011	2
A-13	5491.030	AQ55	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M52	Off Position / Hors Position	04/01/2011	2
A-13	5491.035	AT56	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M155	Off Position / Hors Position	11/01/2011	2
A-13	5491.040	AS53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2525	Off Position / Hors Position	01/09/2011	2
A-13	5491.040	AS53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2991	Off Position / Hors Position	31/10/2010	2
A-13	5491.040	AS53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2937	Off Position / Hors Position	24/10/2010	2
A-13	5491.060	AT61	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M156	Off Position / Hors Position	11/01/2011	2
A-13	5491.060	AT61	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1032	Submerged / Submergée	09/05/2009	2

Historique des pannes

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Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-13	5491.080	AT67	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M0595	Off Position / Hors Position	06/04/2009	2
A-13	5491.090	AT68	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2829	Submerged / Submergée	29/09/2011	2
A-13	5491.130	AU51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2830	Submerged / Submergée	29/09/2011	2
A-13	5491.140	AU52	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2066	Off Position / Hors Position	25/07/2011	2
A-13	5491.150	AX57	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2935	Off Position / Hors Position	24/10/2010	2
A-13	5491.160	AX58	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2934	Off Position / Hors Position	24/10/2010	2
A-13	5491.170	AX60	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2833	Off Position / Hors Position	29/09/2011	2
A-13	5491.170	AX60	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2933	Off Position / Hors Position	24/10/2010	2
A-13	5491.170	AX60	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2061	Partially Submerged / Partiellement Submergée	10/08/2010	2
A-13	5491.180	AX61	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M0593	Off Position / Hors Position	06/04/2009	2
A-13	5491.220	AY54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M3145	Off Position / Hors Position	22/11/2010	2
A-13	5491.220	AY54	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2058	Off Position / Hors Position	14/08/2009	2
A-13	5491.230	AY55	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2832	Off Position / Hors Position	29/09/2011	2
A-13	5491.230	AY55	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1028	Off Position / Hors Position	09/05/2009	2
A-13	5491.230	AY55	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M0594	Off Position / Hors Position	06/04/2009	2
A-13	5491.250	AQ57	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1544	Partially Submerged / Partiellement Submergée	18/06/2010	2
A-13	5491.250	AQ57	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M3321	Off Position / Hors Position	28/12/2009	2
A-13	5491.310	AS55	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2462	Off Position / Hors Position	09/09/2010	2
A-13	5491.320	AS61	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1027	Submerged / Submergée	09/05/2009	2
A-13	494.010	AM64	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2025	Off Position / Hors Position	11/08/2009	2
A-13	5494.020	AN53	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1293	Off Position / Hors Position	07/06/2012	2
A-13	5494.020	AN53	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1809	Off Position / Hors Position	16/07/2010	2
A-13	5494.020	AN53	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1026	Submerged / Submergée	09/05/2009	2
A-13	5494.030	AN55	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1808	Off Position / Hors Position	16/07/2010	2
A-13	5494.030	AN55	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1984	Off Position / Hors Position	08/08/2009	2

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A-13	5494.030	AN55	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M0943	Off Position / Hors Position	05/05/2009	2
A-13	5494.040	AN57	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2138	Off Position / Hors Position	29/08/2012	2
A-13	5494.050	AN59	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2208	Partially Submerged / Partiellement Submergée	07/08/2011	2
A-13	5494.050	AN59	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2075	Off Position / Hors Position	11/08/2010	2
A-13	5496.010	AP50	1.25m plastique Con	1.25m plastic Con	M582	Off Position / Hors Position	04/04/2013	2
A-13	5496.010	AP50	1.25m plastique Con	1.25m plastic Con	M1998	Off Position / Hors Position	20/07/2011	2
A-13	5496.020	AM54	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2407	Off Position / Hors Position	10/09/2009	2
A-13	5496.020	AM54	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0944	Partially Submerged / Partiellement Submergée	05/05/2009	2
A-13	5496.020	AM54	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0944	Off Position / Hors Position	05/05/2009	2
A-13	5496.030	AM56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1895	Partially Submerged / Partiellement Submergée	10/07/2011	2
A-13	5496.030	AM56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1538	Not Visible / pas visible	10/06/2011	2
A-13	5496.030	AM56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1589	Partially Submerged / Partiellement Submergée	23/06/2010	2
A-13	5496.040	AM58	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2821	Off Position / Hors Position	09/10/2010	2
A-13	5499.100	AJ54	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2171	Submerged / Submergée	20/08/2009	2
A-13	5499.110	AJ64	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2400	Off Position / Hors Position	09/09/2009	2
A-13	5502.040	AD53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0342	Off Position / Hors Position	13/02/2010	2
A-13	5502.120	AE57	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2739	Off Position / Hors Position	21/09/2011	2
A-13	5503.010	HE4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M161	Off Position / Hors Position	17/01/2013	2
A-13	5503.010	HE4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M270	Off Position / Hors Position	27/01/2011	2
A-13	5503.010	HE4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2009	Off Position / Hors Position	03/08/2010	2
A-13	5503.010	HE4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1617	Off Position / Hors Position	03/07/2009	2
A-13	5503.010	HE4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1553	Partially Submerged / Partiellement Submergée	28/06/2009	2
A-13	5503.010	HE4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1552	Off Position / Hors Position	28/06/2009	2

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A-13	5503.020	HE5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1029	Partially Submerged / Partiellement Submergée	09/05/2009	2
A-13	5503.020	HE5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0462	Partially Submerged / Partiellement Submergée	18/03/2009	2
A-13	503.030	HE7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3343	Off Position / Hors Position	01/12/2011	2
A-13	503.030	HE7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M265	Partially Submerged / Partiellement Submergée	26/01/2011	2
A-13	503.030	HE7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0461	Off Position / Hors Position	18/03/2009	2
A-13	5503.040	HE8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2997	Off Position / Hors Position	21/10/2011	2
A-13	5503.040	HE8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M384	Off Position / Hors Position	18/02/2011	2
A-13	503.050	HE10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1697	Partially Submerged / Partiellement Submergée	04/07/2010	2
A-13	503.050	HE10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1337	Partially Submerged / Partiellement Submergée	03/06/2010	2
A-13	503.050	HE10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1677	Partially Submerged / Partiellement Submergée	08/07/2009	2
A-13	5503.060	HE11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M511	Off Position / Hors Position	21/03/2013	2
A-13	5503.060	HE11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M279/12	Submerged / Submergée	08/02/2012	2
A-13	5503.060	HE11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	2222/12	Partially Submerged / Partiellement Submergée	07/09/2012	2
A-13	5503.060	HE11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1892	Partially Submerged / Partiellement Submergée	08/08/2012	2
A-13	5503.060	HE11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M316	Off Position / Hors Position	05/02/2011	2
A-13	5503.060	HE11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M307	Partially Submerged / Partiellement Submergée	03/02/2011	2
A-13	5503.070	HE12	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1931	Not Reliable / pas fiable	26/07/2010	2
A-13	5503.080	HE14	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1930	Not Reliable / pas fiable	26/07/2010	2
A-13	5504.030	HS7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	m782	Partially Submerged / Partiellement Submergée	30/04/2013	2
A-13	5504.030	HS7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M619	Off Position / Hors Position	10/04/2013	2
A-13	5504.030	HS7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1897	Submerged / Submergée	08/08/2012	2
A-13	5504.510	HC1	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M0721	Partially Submerged / Partiellement Submergée	13/04/2010	2

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A-13	5504.530	HC5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M0720	Partially Submerged / Partiellement Submergée	13/04/2010	2
A-13	5504.530	HC5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1706	Partially Submerged / Partiellement Submergée	09/07/2009	2
A-13	5505.801	HS17	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1740	Submerged / Submergée	28/07/2013	2
A-13	5505.801	HS17	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1898	Submerged / Submergée	08/08/2012	2
A-13	5505.840	HV4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2751	Off Position / Hors Position	22/09/2011	2
A-13	5508.010	HS1	GDI 1.22m plate	GDI 1.22m Can	M645	Off Position / Hors Position	12/04/2013	2
A-13	5508.010	HS1	GDI 1.22m plate	GDI 1.22m Can	M0638	Off Position / Hors Position	07/04/2010	2
A-13	5508.010	HS1	GDI 1.22m plate	GDI 1.22m Can	M1030	Partially Submerged / Partiellement Submergée	09/05/2009	2
A-13	5511.010	HF1	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M429	Off Position / Hors Position	09/03/2013	2
A-13	5511.010	HF1	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M3403	Off Position / Hors Position	28/12/2010	2
A-13	5511.010	HF1	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2852	Submerged / Submergée	14/10/2010	2
A-13	5511.020	HF2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1346	Off Position / Hors Position	18/06/2013	2
A-13	5511.020	HF2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M3404	Off Position / Hors Position	28/12/2010	2
A-13	5511.030	HF4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1347	Off Position / Hors Position	18/06/2013	2
A-13	5511.030	HF4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M3405	Off Position / Hors Position	28/12/2010	2
A-13	503.110	HE17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M292	Extinguished / Éteinte	13/02/2012	2
A-13	503.110	HE17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M308	Partially Submerged / Partiellement Submergée	03/02/2011	2
A-13	503.110	HE17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2540	Partially Submerged / Partiellement Submergée	13/09/2010	2
A-13	503.110	HE17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1875	Partially Submerged / Partiellement Submergée	28/07/2009	2
A-13	503.110	HE17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1875	Damaged / Endommagée	28/07/2009	2
A-13	503.110	HE17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1857	Partially Submerged / Partiellement Submergée	26/07/2009	2
A-13	501.600	AA51	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1414	Off Position / Hors Position	16/06/2009	1
A-13	508.220	HS2/2	GDI 1.22m conique	GDI 1.22m Conical	M2212	Extinguished / Éteinte	07/09/2012	2

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Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-13	508.220	HS2/2	GDI 1.22m conique	GDI 1.22m Conical	M22	Off Position / Hors Position	04/01/2013	2
A-13	508.220	HS2/2	GDI 1.22m conique	GDI 1.22m Conical	M21	Extinguished / Éteinte	04/01/2013	2
A-13	508.200	HS2	GDI 1.22m conique	GDI 1.22m Conical	M1852	Extinguished / Éteinte	06/08/2013	2
A-13	508.200	HS2	GDI 1.22m conique	GDI 1.22m Conical	M1851	Off Position / Hors Position	06/08/2013	2
A-13	508.200	HS2	GDI 1.22m conique	GDI 1.22m Conical	M2211/12	Extinguished / Éteinte	07/09/2012	2
A-13	508.400	HS4	GDI 1.22m conique	GDI 1.22m Conical	M1853	Extinguished / Éteinte	06/08/2013	2
A-13	508.400	HS4	GDI 1.22m conique	GDI 1.22m Conical	M23	Off Position / Hors Position	04/01/2013	2
A-13	508.400	HS4	GDI 1.22m conique	GDI 1.22m Conical	M2214	Not Reliable / pas fiable	07/09/2012	2
A-13	508.420	HS4/2	GDI 1.22m conique	GDI 1.22m Conical	M2215	Not Reliable / pas fiable	07/09/2012	2

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-13	HD5	512	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	136	20	45	Sealite Trident-1400	Cast-Iron/fonte	1134	20	45

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-13	488.500	AT60	Flemming Ledge light buoy AT60	4386	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.10	44º 29' 9.18"	63º 51' 15.878"	1250	lb	Serrated	27	20	Chain	2016	3	2
A-13	494.010	AM64	Saul Island Red Light Spar AM64	4386	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.50	44º 28' 3.325"	63º 46' 49.755"	1500	lb	Serrated	10	To Be Fixed	Chain	2016	3	2
A-13	498.200	AD56	Tennant Point light buoy AD56	4385	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	36.60	44º 27' 23.2"	63º 41' 19.32"	1500	lb	Serrated	25	32	Rope	2016	3	2
A-13	499.900	AAB	Stapleton Rock West Cardinal Light Buoy AAB	4385	Night	0.6m SB 60 Spar Can PI		Plastic	Yellow-black-yellow	Year Round	16.00	44º 27' 32.94"	63º 39' 33.66"	1250	lb	Serrated	30	20	Chain	2016	3	1
A-13	501.100	AA57	Fawson Rock Light Buoy AA57	4385	Night	GDI 0.9m Can		Plastic	Green	Year Round	9.50	44º 28' 1.92"	63º 38' 15.12"	1250	lb	Serrated	22	20	Chain	2016	3	2
A-13	501.200	AA55	Pennant Harbour Light Buoy AA55	4385	Night	GDI 0.9m Can		Plastic	Green	Year Round	13.00	44º 27' 48.3"	63º 38' 28.2"	1250	lb	Serrated	24	20	Chain	2016	3	2
A-13	501.300	AA54	Pennant Harbour Light Buoy AA54	4385	Night	GDI 0.9m Conical		Plastic	Red	Year Round		44º 27' 38.04"	63º 38' 30.84"	1250	lb	Serrated	2	32	Rope	2016	3	1
A-13	501.400	AAA	Pennant Harbour Bifurcation Light Buoy AAA	4385	Night	0.6m SB 60 Spar Can PI		Plastic	Green-red-green	Year Round	19.00	44º 27' 9.9"	63º 38' 55.92"	1250	lb	Serrated	30	20	Chain	2016	3	1
A-13	501.500	AA53	Pennant Harbour Lighted Spar Buoy AA53	4385	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round		44º 26' 48.18"	63º 39' 23.58"	1500	lb	Serrated	54	32	Rope	2016	3	1
A-13	501.600	AA51	Pennant Harbour Lighted Spar Buoy AA51	4385	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round		44º 26' 32.58"	63º 39' 48"	1500	lb	Serrated	16	32	Rope	2016	3	1
A-13	501.700	AA52	Pennant Harbour Lighted Spar Buoy AA52	4385	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	36.00	44º 26' 10.26"	63º 39' 36.6"	1500	lb	Serrated	17	32	Rope	2016	3	1
A-13	5489.510	AV51	West Dover AV51	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	13.10	44º 29' 24.333"	63º 50' 33.746"	200	lb	Concrete	15.2	10	Chain	2015	3	2
A-13	5489.520	AV53	West Dover AV53	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	7.00	44º 29' 27.337"	63º 50' 45.747"	200	lb	Concrete	12.1	14	Chain	2015	3	2
A-13	5489.530	AX53	West Dover AX53	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	5.20	44º 29' 27.337"	63º 50' 16.756"	200	lb	Concrete	15.2	14	Chain	2015	3	2
A-13	5491.010	AT51	Black Rock Shoal Spar AT51	4386	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	36.50	44º 28' 24.321"	63º 50' 42.765"	2500	lb	Concrete	90	20	Chain	2016	3	2
A-13	5491.020	AY	Round Rock Spar AY	4386	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red-green-red	Year Round	9.10	44º 29' 34.86"	63º 50' 3.816"	1250	lb	Serrated	18.3	20	Chain	2017	3	2
A-13	5491.025	AT54	West Dover AT54	4386	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	10.90	44º 28' 58.322"	63º 50' 48.747"	500	lb	Concrete	18.2	20	Chain	2015	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-13	5491.030	AQ55	Green Shoal Spar AQ55	4386	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	13.10	44º 28' 30.331"	63º 49' 11.74"	1250	lb	Serrated	27	20	Chain	2017	3	2
A-13	5491.035	AT56	West Dover AT56	4386	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	9.70	44º 29' 2.328"	63º 50' 57.766"	500	lb	Concrete	18.2	14	Chain	2016	3	2
A-13	5491.040	AS53	Shag Bay Green Spar AS53	4386	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	4.50	44º 28' 26.325"	63º 49' 37.752"	2500	lb	Serrated	20	20	Chain	2016	3	2
A-13	5491.060	AT61	West Dover AT61	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	15.50	44º 29' 22.33"	63º 51' 32.739"	200	lb	Concrete	18.2	14	Chain	2015	3	2
A-13	5491.070	AT65	West Dover AT65	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	6.40	44º 29' 34.28"	63º 51' 48.716"	200	lb	Concrete	9.1	14	Chain	2015	3	2
A-13	5491.080	AT67	West Dover AT67	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	3.60	44º 29' 51.341"	63º 51' 59.76"	200	lb	Concrete	7.6	14	Chain	2015	3	2
A-13	5491.090	AT68	West Dover AT68	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	10.40	44º 29' 48.325"	63º 51' 50.759"	200	lb	Concrete	12.2	14	Chain	2015	3	2
A-13	5491.100	AT70	West Dover AT70	4386	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.00	44º 29' 51.341"	63º 51' 54.753"	500	lb	Concrete	9.1	14	Chain	2015	3	2
A-13	5491.110	AT72	West Dover AT72	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	4.90	44º 30' .326"	63º 52' 3.736"	200	lb	Concrete	7.6	20	Rope	2015	3	2
A-13	5491.120	AT73	West Dover AT73	4386	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.00	44º 30' 5.332"	63º 52' 3.736"	500	lb	Concrete	9.1	14	Chain	2015	3	2
A-13	5491.130	AU51	West Dover AU51	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	7.90	44º 29' 16.335"	63º 52' 2.742"	200	lb	Concrete	18.2	14	Chain	2015	3	2
A-13	5491.140	AU52	West Dover AU52	4386	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.00	44º 29' 35.334"	63º 52' 2.742"	500	lb	Concrete	18.2	14	Chain	2015	3	2
A-13	5491.150	AX57	West Dover AX57	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	16.40	44º 29' 41.329"	63º 50' 10.737"	200	lb	Concrete	18.2	14	Chain	2016	3	2
A-13	5491.160	AX58	West Dover AX58	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	9.40	44º 29' 48.325"	63º 50' 6.761"	200	lb	Concrete	15.2	20	Chain	2015	3	2
A-13	5491.170	AX60	West Dover AX60	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	6.00	44º 30' 1.327"	63º 50' 20.75"	200	lb	Concrete	15.2	14	Chain	2015	3	2
A-13	5491.180	AX61	West Dover AX61	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	11.20	44º 30' 2.328"	63º 50' 28.757"	200	lb	Concrete	18.2	14	Chain	2015	3	2
A-13	5491.190	AX63	West Dover AX63	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	7.90	44º 30' 3.33"	63º 50' 38.752"	200	lb	Concrete	11.2	20	Rope	2015	3	2
A-13	5491.200	AX65	West Dover AX65	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	10.00	44º 30' 7.334"	63º 50' 40.74"	200	lb	Concrete	7.9	14	Chain	2015	3	2
A-13	5491.210	AX70	West Dover AX70	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	4.50	44º 30' 27.33"	63º 50' 53.754"	200	lb	Concrete	7.6	14	Rope	2015	3	2

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-13	5491.220	AY54	Shad Bay AY54	4386	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	13.40	44º 29' 36.322"	63º 49' 28.752"	500	lb	Concrete	15.2	14	Chain	2016	3	2
A-13	5491.222	AS60	Shad Bay Conical Buoy AS60	4386(1)	Unlit	GDI 0.9m Conical		Plastic	Red	Year Round		44º 31' 29.82"	63º 48' 1.92"	1250	lb	Serrated	18	20	Chain	2016	3	3
A-13	5491.230	AY55	West Dover AY55	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	4.30	44º 29' 48.325"	63º 50' 2.749"	500	lb	Concrete	18.2	14	Chain	2015	3	2
A-13	5491.250	AQ57	Shad Bay buoyAQ57	4386	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	13.10	44º 29' 16.822"	63º 49' 4.749"	500	lb	Concrete	15.2	To Be Fixed	Chain	2017	3	2
A-13	5491.260	AQ60	Shad Bay buoyAQ60	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.90	44º 31' 22.315"	63º 47' 41.257"	200	lb	Concrete	8.5	16	Rope	2016	5	2
A-13	5491.270	AQ61	Shad Bay buoy AQ61	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.20	44º 31' 22.328"	63º 47' 44.754"	200	lb	Concrete	8	16	Rope	2016	5	2
A-13	5491.280	AQ62	Shad Bay AQ62	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	44º 31' 27.332"	63º 47' 27.765"	200	lb	Concrete	8	16	Rope	2016	5	2
A-13	5491.290	AQ65	Shad Bay buoyAQ65	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.20	44º 31' 29.321"	63º 47' 33.747"	200	lb	Concrete	8	16	Rope	2016	5	2
A-13	5491.310	AS55	Shad Bay AS55	4386	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	13.40	44º 29' 32.33"	63º 49' 15.757"	500	lb	Concrete	15.2	To Be Fixed	Chain	2017	3	2
A-13	5491.320	AS61	Shad Bay AS61	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	44º 31' 42.33"	63º 47' 56.737"	200	lb	Concrete	7.3	16	Rope	2016	5	2
A-13	5491.330	AS62	Shad Bay AS62	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.30	44º 31' 47.334"	63º 47' 51.748"	200	lb	Concrete	8	16	Rope	2016	5	2
A-13	5491.340	AS64	Shad Bay AS64	4386	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	44º 31' 53.325"	63º 47' 48.748"	200	lb	Concrete	7.3	14	Rope	2016	5	2
A-13	5491.350	AS65	Shad Bay buoyAS65	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.70	44º 31' 56.326"	63º 47' 45.748"	200	lb	Concrete	10	16	Rope	2016	5	2
A-13	5494.020	AN53	Hearn Island Buoy AN53	4385	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	10.00	44º 28' 11.278"	63º 45' 43.674"	200	lb	Concrete	3		Rope	2016	3	2
A-13	5494.030	AN55	Kelly Point Buoy AN55	4385	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	2.70	44º 28' 22.278"	63º 46' 21.175"	200	lb	Concrete	4		Rope	2016	3	2
A-13	5494.040	AN57	Kelly Ledge Buoy AN57	4385	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	3.60	44º 28' 37.778"	63º 46' 9.675"	200	lb	Concrete	4		Rope	2017	3	2
A-13	5494.050	AN59	Kelly Ledge Buoy AN59	4385	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	3.60	44º 28' 45.278"	63º 46' 16.675"	200	lb	Concrete	6		Rope	2017	3	2
A-13	5496.010	AP50	Devereaux Shoals Conical AP50	4385	Unlit	1.25m plastic con		Plastic	Red	Year Round	64.00	44º 25' 54.84"	63º 46' 29.64"	2500	lb	Serrated	40	32	Rope	2017	3	2

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-13	5496.020	AM54	Prospect Spar AM54	4385	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	27.40	44º 26' 53.16"	63º 44' 47.82"	1500	lb	Serrated	20	32	Rope	2015	3	2
A-13	5496.030	AM56	Prospect Spar AM56	4385	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	16.40	44º 27' 10"	63º 45' 6"	2500	lb	Serrated	30	20	Chain	2017	3	2
A-13	5496.040	AM58	Prospect Spar AM58	4385	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.90	44º 27' 33.3"	63º 45' 32"	1250	lb	Serrated	18	32	Rope	2016	3	2
A-13	5497.010	AH53	Terence Bay Green Spar AH53	4385	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	12.80	44º 26' 32.2"	63º 42' 31.5"	1500	lb	Serrated	34	20	Chain	2016	3	2
A-13	5499.100	AJ54	Ryans Gut Buoy AJ54	4385	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	1.10	44º 26' 49.59"	63º 43' 8.64"	200	lb	Concrete	4		Rope	2017	3	2
A-13	5499.110	AJ64	Ryans Gut Buoy AJ64	4385	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	5.20	44º 26' 59.59"	63º 44' 9.84"	200	lb	Concrete	5.5	To Be Fixed	Chain	2016	3	2
A-13	5499.200	AJ55	Ryans Gut Buoy AJ55	4385	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	4.50	44º 26' 48.91"	63º 43' 13.94"	200	lb	Concrete	4	16	Rope	2017	3	2
A-13	5499.300	AJ56	Ryans Gut Buoy AJ56	4385	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	7.30	44º 26' 51.39"	63º 43' 16.22"	200	lb	Concrete	5.5	To Be Fixed	Chain	2017	3	2
A-13	5499.400	AJ57	Ryans Gut Buoy AJ57	4385	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	1.10	44º 26' 50.46"	63º 43' 16.99"	200	lb	Concrete	1		Rope	2017	3	2
A-13	5499.500	AJ58	Ryans Gut Buoy AJ58	4385	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	3.60	44º 26' 53.19"	63º 43' 19.57"	200	lb	Concrete	8.5	To Be Fixed	Chain	2017	3	2
A-13	5499.600	AJ59	Ryans Gut Buoy AJ59	4385	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	1.10	44º 26' 51.54"	63º 43' 20.53"	200	lb	Concrete	5.5	To Be Fixed	Chain	2017	3	2
A-13	5499.700	AJ60	Ryans Gut Buoy AJ60	4385	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	5.80	44º 26' 55.23"	63º 43' 31.61"	200	lb	Concrete	5.5	14	Chain	2017	3	2
A-13	5499.800	AJ62	Ryans Gut Buoy AJ62	4385	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	5.80	44º 26' 55.99"	63º 43' 41.62"	200	lb	Concrete	6	To Be Fixed	Chain	2017	3	2
A-13	5499.900	AJ63	Ryans Gut Buoy AJ63	4385	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	3.00	44º 26' 57.68"	63º 43' 55.27"	200	lb	Concrete	5.5	16	Chain	2017	3	2
A-13	5502.010	AH52	Flatroof Shoal AH52	4385	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	12.10	44º 26' 24.54"	63º 41' 58.44"	2500	lb	Concrete	27.4	20	Chain	2017	3	2
A-13	5502.020	AE55	The Puffer AE55	4385	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	21.30	44º 26' 41.52"	63º 41' 40.68"	1250	lb	Serrated	36	20	Chain	2017	3	2

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-13	5502.030	AE56	West Broad Shoal AE56	4385	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.10	44º 26' 46.5"	63º 41' 27"	1500	lb	Serrated	24	20	Chain	2016	3	2
A-13	5502.040	AD53	Broad Shoal AD53	4385	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	18.30	44º 27' 1.14"	63º 41' 9.24"	1250	lb	Serrated	28	20	Chain	2016	3	2
A-13	5502.110	AD68	Terence Basin Spar AD68	4385	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.50	44º 29' 21.84"	63º 43' 30.9"	500	lb	Concrete	5.5	14	Chain	2016	3	2
A-13	5502.120	AE57	Black Shoal Spar AE57	4385	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	9.10	44º 27' 24.12"	63º 42' 1.74"	1000	lb	Concrete	4		Rope	2017	3	2
A-13	5502.140	AH55	Shipley Head Spar AH55	4385	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.40	44º 27' 17.279"	63º 42' 27.167"	1000	lb	Concrete	2		Rope	2016	3	2
Buoys included in contract from July 2016																						
A-13	503.100	HE16	Nick Shoal Light Buoy HE16	4237	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	11.80	44º 27' 33"	63º 32' 42"	1500	lb	Serrated	18	20	Chain	2016	3	2
A-13	503.110	HE17	Morris Point Light Buoy HE17	4237	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	14.60	44º 28' 2"	63º 32' 47"	1500	lb	Steel Block	27	20	Chain	2016	3	2
A-13	504.010	HA2	Inner Sambro Island Light Buoy HA2	4237(I)	Night	1.5m SB 98 plastic	261	Plastic	Red	Year Round	4.00	44º 27' 22"	63º 35' 9"	800	kg	Steel Block	12	20	Chain	2016	3	2
A-13	504.020	HSA	Cowley Rock Bifurcation Light Buoy HSA	4237(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red-green-red	Year Round	10.00	44º 27' 32"	63º 35' 46.5"	1250	lb	Serrated	18	20	Chain	2016	3	2
A-13	504.500	HS12	Cronie Reef light buoy HS12	4237(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.90	44º 28' 21.42"	63º 35' 35.34"	2500	lb	Concrete	18	20	Chain	2016	3	2
A-13	504.700	HS13	Bull Point light buoy HS13	4237(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.00	44º 28' 19"	63º 35' 42.8"	1500	lb	Serrated	18	20	Chain	2016	3	2
A-13	505.100	HR2	Big Island light Buoy HR2	4237	Night	GDI 1.22m Conical		Plastic	Red	Year Round		44º 28' 41.28"	63º 35' 22.08"	2500	lb	Serrated	18.2	26	Chain	2016	3	1
A-13	505.200	HR4	Big Island Light Buoy HR4	4237	Night	GDI 1.22m Conical		Plastic	Red	Year Round		44º 28' 47.76"	63º 35' 13.38"	2500	lb	Serrated	18.2	26	Chain	2016	3	1
A-13	505.300	HR5	Big Island Light Buoy HR5	4237	Night	GDI 1.22m Can		Plastic	Green	Year Round		44º 28' 51.24"	63º 35' 10.74"	2500	lb	Serrated	18.2	26	Chain	2016	3	1
A-13	505.800	HS19	Sambro light buoy HS19	4237(I)	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.00	44º 28' 37"	63º 35' 50.3"	1000	lb	Concrete	9.1	16	Chain	2016	3	2
A-13	505.810	HS20	Sambro Harbour Light Buoy HS20	4237(I)	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.00	44º 28' 38"	63º 35' 45.5"	500	lb	Concrete	9	To Be Fixed	Chain	2016	3	2
A-13	505.820	HS22	Sambro Harbour Light Buoy HS22	4237(I)	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.50	44º 28' 41"	63º 35' 49"	500	lb	Concrete	9	To Be Fixed	Chain	2016	3	2

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-13	505.830	HS24	Sambro Harbour Light Buoy HS24	4237(I)	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.50	44º 28' 43.08"	63º 35' 52.98"	500	lb	Concrete	9	To Be Fixed	Chain	2016	3	2
A-13	508.200	HS2	Pennel Shoal Light Buoy HS2	4385	Night	GDI 1.22m Conical		Plastic	Red	Year Round	34.00	44º 25' 15.8"	63º 33' 49.6"	2500	lb	Serrated	45	20	Chain	2016	3	2
A-13	508.220	HS2/2	Shag Rock Light Buoy HS2/2	4385	Night	GDI 1.22m Conical		Plastic	Red	Year Round	26.00	44º 25' 38.5"	63º 34' 16.3"	1000	kg	Serrated	45	20	Chain	2016	3	2
A-13	508.400	HS4	Sambro Island West Light Buoy HS4	4385	Night	GDI 1.22m Conical		Plastic	Red	Year Round	32.00	44º 26' 0"	63º 34' 42"	2500	lb	Serrated	54	20	Chain	2016	3	2
A-13	508.420	HS4/2	Four Fathom Shoal Light Buoy HS4/2	4385	Night	GDI 1.22m Conical		Plastic	Red	Year Round	32.00	44º 26' 23.6"	63º 35' 8"	1000	kg	Serrated	54	20	Chain	2016	3	2
A-13	508.440	HSE	Fairweather Rock East Cardinal Light Buoy HSE	4385	Night	GDI 1.22m Can		Plastic	Black-yellow-black	Year Round	21.00	44º 26' 44"	63º 35' 42.4"	2500	lb	Serrated	45	20	Chain	2016	3	2
A-13	511.000	HE19	Ketch Harbour light buoy HE19	4237	Night	5x9 LFR Gilman Buoy	682	Plastic/Styrofoam	Green	Year Round	43.90	44º 28' 19.6"	63º 32' 16"	1000	kg	Serrated	42	28	Rope	2016	3	2
A-13	512.000	HD5	Bell Rock light buoy HD5	4237	Night	1.4m Buoy	1811	Steel	Green	Year Round	58.50	44º 29' 0"	63º 31' 3"	2500	lb	Serrated	45	32	Rope	2016	3	2
A-13	5503.010	HE4	Sambro Red Spar HE4	4237	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	27.40	44º 25' 2"	63º 36' 10"	2500	lb	Concrete	55	20	Chain	2017	3	2
A-13	5503.020	HE5	Sambro Green Spar HE5	4237	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	18.20	44º 25' 48"	63º 36' 35"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-13	5503.030	HE7	Sambro Green Spar HE7	4237	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	11.80	44º 26' 10.5"	63º 36' 3"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-13	5503.040	HE8	Sambro Red Spar HE8	4237	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	20.10	44º 25' 47"	63º 35' 51"	1000	kg	Steel Block	55	20	Chain	2017	3	2
A-13	5503.050	HE10	Sambro Red Spar HE10	4237(I)	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.90	44º 26' 51"	63º 34' 50.5"	1500	lb	Serrated	30	20	Chain	2017	3	2
A-13	5503.060	HE11	Sambro Green Spar HE11	4237(I)	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.90	44º 27' 2"	63º 34' 48.5"	800	kg	Steel Block	27	20	Chain	2017	3	2
A-13	5503.070	HE12	Sambro Red Spar HE12	4237(I)	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	16.40	44º 27' 2.5"	63º 34' 15"	2500	lb	Concrete	27	20	Chain	2016	3	2
A-13	5503.080	HE14	Sambro Red Spar HE14	4237	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	20.00	44º 27' 16"	63º 33' 34"	2500	lb	Concrete	27	20	Chain	2016	3	2
A-13	5503.090	HE15	Sambro Green Spar HE15	4237	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.90	44º 27' 36.5"	63º 33' 32.5"	1500	lb	Serrated	27	20	Chain	2016	3	2
A-13	5504.030	HS7	Connor Reef Spar HS7	4237(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	44º 27' 35"	63º 36' 10"	500	lb	Concrete	11	To Be Fixed	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-13	5504.510	HC1	Big Island Shoal Spar HC1	4237(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.80	44º 28' 22"	63º 35' 3.5"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	2
A-13	5504.520	HC4	Big Island Spar HC4	4237(I)	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.00	44º 28' 30"	63º 34' 53.5"	500	lb	Concrete	9	14	Chain	2017	3	2
A-13	5504.530	HC5	Big Island Spar HC5	4237(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.00	44º 28' 31.5"	63º 34' 58"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	2
A-13	5505.801	HS17	Sambro Harbour Spar HS17	4237(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.00	44º 28' 35.5"	63º 35' 47"	500	lb	Concrete	9	14	Chain	2017	3	2
A-13	5505.840	HV4	Sambro Harbour Spar HV4	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.00	44º 28' 38"	63º 36' 2"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	2
A-13	5508.010	HS1	Southwest Breaker Green Can Buoy HS1	4237	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	18.20	44º 24' 45"	63º 34' 27"	1000	kg	Steel Block	45	20	Chain	2017	3	2
A-13	5511.010	HF1	Ketch Harbour HF1	4237	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.00	44º 28' 58.68"	63º 32' 53.82"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.020	HF2	Ketch Harbour HF2	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	8.20	44º 28' 58.86"	63º 32' 52.86"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.030	HF4	Ketch Harbour HF4	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	44º 29' 5.04"	63º 32' 54.12"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.040	HF5	Ketch Harbour HF5	4237	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	44º 29' 15.06"	63º 32' 57.72"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.050	HF6	Ketch Harbour HF6	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.30	44º 29' 14.64"	63º 32' 54.48"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.060	HF8	Ketch Harbour HF8	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.10	44º 29' 21"	63º 32' 53.4"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.070	HF10	Ketch Harbour HF10	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.10	44º 29' 23.16"	63º 32' 55.08"	500	lb	Concrete	8.3	16	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-13	5504.520	HC4	Big Island Spar HC4	4237(I)	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.00	44º 28' 30"	63º 34' 53.5"	500	lb	Concrete	9	14	Chain	2017	3	2
A-13	5504.530	HC5	Big Island Spar HC5	4237(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.00	44º 28' 31.5"	63º 34' 58"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	2
A-13	5505.801	HS17	Sambro Harbour Spar HS17	4237(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.00	44º 28' 35.5"	63º 35' 47"	500	lb	Concrete	9	14	Chain	2017	3	2
A-13	5505.840	HV4	Sambro Harbour Spar HV4	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.00	44º 28' 38"	63º 36' 2"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	2
A-13	5508.010	HS1	Southwest Breaker Green Can Buoy HS1	4237	Unlit	GDI 1.22m Can		Plastic	Green	Year Round	18.20	44º 24' 45"	63º 34' 27"	1000	kg	Steel Block	45	20	Chain	2017	3	2
A-13	5511.010	HF1	Ketch Harbour HF1	4237	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.00	44º 28' 58.68"	63º 32' 53.82"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.020	HF2	Ketch Harbour HF2	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	8.20	44º 28' 58.86"	63º 32' 52.86"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.030	HF4	Ketch Harbour HF4	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	44º 29' 5.04"	63º 32' 54.12"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.040	HF5	Ketch Harbour HF5	4237	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	44º 29' 15.06"	63º 32' 57.72"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.050	HF6	Ketch Harbour HF6	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.30	44º 29' 14.64"	63º 32' 54.48"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.060	HF8	Ketch Harbour HF8	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.10	44º 29' 21"	63º 32' 53.4"	500	lb	Concrete	8.3	16	Chain	2016	3	2
A-13	5511.070	HF10	Ketch Harbour HF10	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.10	44º 29' 23.16"	63º 32' 55.08"	500	lb	Concrete	8.3	16	Chain	2016	3	2

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Halifax to Three Fathom Harbour
Contract Area no.:	A-14
Province(s):	Nova Scotia
Contract Area Description:	Includes the area from Portuguese Cove to Three Fathom Harbour
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Dartmouth
Commissioning date:	N/A
Decommissioning date:	N/A
Total no. of buoys:	37
Max. buoy size(m) diameter :	0.6
Maximum anchor size (weight (kg)):	1134
Maximum buoy weight (kg) :	95
Maximum water depth (m) :	31
Operational Season:	Year Round
Overview of work activities:	All buoys are 'year round' and 19 buoys are lit. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. Unscheduled work includes response to discrepancies during the operational season.
Comments:	There are 2 current contracts included in this contract area, as follows: Three Fathom Harbour: 10 buoys Halifax Harbour: 27 buoys Both contracts expire in July 2014, the new contract will include 37 buoys for the complete contract period. All current contracts expire in July 2015. The new contract will start on July 2nd, 2015. Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-14	5532.200	HG2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2756	Off Position / Hors Position	23/11/2012	2
A-14	5532.200	HG2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1476	Off Position / Hors Position	13/06/2010	2
A-14	531.000	HQ2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2013	Extinguished / Éteinte	18/08/2012	2
A-14	533.000	HP22	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2898	Extinguished / Éteinte	11/10/2011	2
A-14	540.100	HU1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1120	Extinguished / Éteinte	08/05/2010	2
A-14	540.100	HU1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1722	Not Reliable / pas fiable	10/07/2009	2
A-14	546.500	HP3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2270	Extinguished / Éteinte	14/09/2012	2
A-14	546.500	HP3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2052	Extinguished / Éteinte	14/08/2009	2
A-14	547.200	HP11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M543	Extinguished / Éteinte	28/03/2013	2
A-14	547.200	HP11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2603	Extinguished / Éteinte	16/09/2010	2
A-14	549.000	HP13	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M639	Partially Submerged / Partiellement Submergée	07/04/2010	2
A-14	549.000	HP13	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1713	Partially Submerged / Partiellement Submergée	10/07/2009	2
A-14	550.000	HP15	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1856	Extinguished / Éteinte	26/07/2009	2
A-14	552.000	HP17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3365	Extinguished / Éteinte	03/12/2011	2
A-14	552.000	HP17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M868	Extinguished / Éteinte	25/04/2011	2
A-14	557.000	H39	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3245	Reduced Intensity / Intensité réduite	15/11/2011	2
A-14	557.000	H39	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M333	Reduced Intensity / Intensité réduite	19/02/2012	2
A-14	557.000	H39	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3383	Reduced Intensity / Intensité réduite	06/12/2011	2
A-14	557.000	H39	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M243	Partially Submerged / Partiellement Submergée	25/01/2011	2
A-14	557.000	H39	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2265	Extinguished / Éteinte	23/08/2010	2
A-14	557.000	H39	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M0258		04/02/2009	2
A-14	559.000	H42	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2643	Extinguished / Éteinte	09/11/2012	2
A-14	559.000	H42	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3050	Extinguished / Éteinte	29/10/2011	2
A-14	559.000	H42	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1651	Extinguished / Éteinte	07/07/2009	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-14	561.000	HY2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M70	Extinguished / Éteinte	10/01/2013	2
A-14	561.000	HY2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1121	Extinguished / Éteinte	08/05/2010	2
A-14	561.000	HY2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M0212	Extinguished / Éteinte	23/01/2009	2
A-14	561.500	H45	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1450	Extinguished / Éteinte	28/06/2013	2
A-14	561.500	H45	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1047	Extinguished / Éteinte	07/05/2011	2
A-14	5536.010	H28	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2395	Partially Submerged / Partiellement Submergée	28/09/2012	2
A-14	5536.010	H28	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1511	Partially Submerged / Partiellement Submergée	16/06/2010	2
A-14	5536.010	H28	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M0612	Off Position / Hors Position	08/04/2009	2
A-14	5536.020	H30	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M0277	Capsized / chaviré	03/02/2010	2
A-14	5536.020	H30	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2378	Partially Submerged / Partiellement Submergée	08/09/2009	2
A-14	5532.100	HQA	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1493	Submerged / Submergée	03/07/2013	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-14	5563.040	HX7	Three Fathom Harbour buoy HX7	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	44º 38' 5.88"	63º 16' 35.22"	1000	lb	Concrete	9.1	16	Chain	2016	3	2
A-14	531.000	HQ2	Hens & Chickens light buoy HQ2	4202	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	12.80	44º 36' 50"	63º 33' 44"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-14	532.000	HQ1	Purcell's Cove light buoy HQ1	4203	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	10.00	44º 36' 41.94"	63º 33' 56.88"	1000	lb	Concrete	27	20	Chain	2016	3	2
A-14	533.000	HP22	Imperial Oil Wharf No.1 light buoy HP22	4202	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	11.80	44º 38' 2.3"	63º 31' 56.6"	1000	lb	Concrete	27.4	20	Chain	2016	3	2
A-14	534.000	HP21	Indian Point light buoy HP21	4202	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	18.20	44º 37' 46.5"	63º 31' 56.8"	1000	lb	Concrete	27	20	Chain	2016	3	2
A-14	540.100	HU1	Dartmouth Cove West Entrance light buoy HU1	4202	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	9.10	44º 39' 42"	63º 33' 38.4"	1000	lb	Concrete	20	26	Chain	2016	3	2
A-14	546.500	HP3	Lawlor Island light buoy HP3	4203	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.60	44º 35' 56.1"	63º 29' 8"	2500	lb	Concrete	9.1	14	Chain	2016	3	2
A-14	547.200	HP11	Lawlor Island light buoy HP11	4203	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	4.50	44º 36' 31.8"	63º 29' 58.4"	1000	lb	Concrete	13.5	20	Chain	2016	3	2
A-14	549.000	HP13	Eastern Passage light buoy HP13	4203	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.30	44º 36' 40.4"	63º 30' 20.9"	500	lb	Concrete	18.2	14	Rope	2016	3	2
A-14	550.000	HP15	Eastern Passage light buoy HP15	4203	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	12.80	44º 36' 45.3"	63º 30' 35.6"	500	lb	Concrete	27.4	14	Chain	2016	3	2
A-14	551.000	HP16	Eastern Passage light buoy HP16	4203	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.40	44º 37' 3"	63º 30' 32.8"	1000	lb	Concrete	18.2	20	Chain	2016	3	2
A-14	552.000	HP17	Eastern Passage light buoy HP17	4203	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	12.80	44º 37' 5.8"	63º 30' 50.6"	1000	lb	Concrete	27.4	20	Chain	2016	3	2
A-14	557.000	H39	Seaview Point light buoy H39	4201	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	20.10	44º 40' 37.6"	63º 37' 14"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-14	559.000	H42	Wrights Point light buoy H42	4201	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	31.00	44º 41' 19.8"	63º 37' 22.6"	2500	lb	Concrete	35	20	Chain	2016	3	2
A-14	561.000	HY2	Wrights Cove light buoy HY2	4201	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	17.30	44º 42' .3"	63º 37' 23.6"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-14	561.500	H45	Bedford Basin light buoy H45	4201	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	27.40	44º 42' 25.3"	63º 39' 7.6"	2500	lb	Concrete	54.8	20	Chain	2016	3	2
A-14	562.000	H46	Wellesley Rock light buoy H46	4201	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	19.20	44º 42' 37.3"	63º 39' 26.1"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-14	562.300	H48	Spruce Island light buoy H48	4201	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	14.60	44º 43' .3"	63º 39' 54.6"	2500	lb	Concrete	27.4	20	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-14	5515.010	HPC	Head Rock Shoal Spar HPC	4203	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Year Round	18.20	44º 32' 35.4"	63º 29' 7"	2500	lb	Concrete	30	20	Chain	2017	3	2
A-14	5526.010	H16	Horseshoe Spar H16	4203	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	11.00	44º 36' 14.4"	63º 32' 12.4"	2500	lb	Concrete	27.4	20	Chain	2017	3	2
A-14	5532.100	HQA	Purcells Cove Cautionary Buoy HQA	4202	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Year Round	8.00	44º 36' 47.28"	63º 34' 6.72"	500		Concrete	14	To Be Fixed	Chain	2017	3	2
A-14	5532.200	HG2	James Rock HG2	4203	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.20	44º 36' 42.36"	63º 34' 7.8"	500	lb	Concrete	9	14	Chain	2017	3	2
A-14	5532.210	HGA	Purcells Cove Bifurcation Spar Buoy HGA	4203	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green-red-green	Year Round	11.20	44º 36' 44.52"	63º 34' 2.22"	500	lb	Concrete	20	14	Chain	2017	3	3
A-14	5536.010	H28	Dartmouth Red Spar H28	4202	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	9.10	44º 40' 10.8"	63º 35' 23.3"	1000	lb	Concrete	18	16	Rope	2017	3	2
A-14	5536.020	H30	Dartmouth Red Spar(French Cable) H30	4202	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	9.10	44º 40' 15.4"	63º 35' 28.9"	1000	lb	Concrete	18	16	Rope	2017	3	2
A-14	5542.010	HP9	Eastern Passage Green Spar HP9	4203	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.00	44º 36' 28.4"	63º 29' 53.7"	1000	lb	Concrete	9.1	14	Chain	2017	3	2
A-14	5543.020	HP10	Eastern Passage Spar HP10	4203	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	44º 36' 31.2"	63º 29' 56.4"	1000	lb	Concrete	9.1	To Be Fixed	Chain	2017	3	2
A-14	5543.030	HL1	Eastern Passage Green Spar HL1	4203	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.60	44º 36' 19.4"	63º 30' 30.5"	1000	lb	Concrete	18.2	14	Chain	2017	3	2
A-14	563.050	HX8	Three Fathom Harbour light buoy HX8	4236	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.40	44º 38' 16.14"	63º 16' 38.04"	500	lb	Concrete	8.5	16	Rope	2016	3	2
A-14	563.200	HX2	Bull Rock light buoy HX2	4236	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.00	44º 37' 19.995"	63º 16' 13.998"	2500	lb	Serrated	27	20	Chain	2016	3	2
A-14	5563.010	HX3	Three Fathom Harbour buoy HX3	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	44º 37' 25.362"	63º 16' 26.885"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-14	5563.020	HX4	Three Fathom Harbour buoy HX4	4236	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.40	44º 37' 29.874"	63º 16' 23.378"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-14	5563.030	HX5	Three Fathom Harbour buoy HX5	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.40	44º 37' 42.178"	63º 16' 30.419"	1000	lb	Concrete	9.1	16	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-14	5563.060	HX9	Three Fathom Harbour Green Can Spar HX9	4236	Unlit	0.3m Spar Can (ORT)	80	Steel	Green	Year Round	3.20	44º 38' 17.28"	63º 16' 40.14"	500	lb	Concrete	8	14	Rope	2016	3	2
A-14	5563.080	HX11	Three Fathom Harbour Green Spar HX11	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Year Round	3.00	44º 38' 22.98"	63º 16' 39"	500	lb	Concrete	8.5	16	Rope	2016	3	3
A-14	5563.810	HW	Lower Three Fathom Harbour HW	4237	Unlit	0.6m SB 60 Spar Can PI		Plastic	Red-white	Year Round	6.00	44º 37' 31"	63º 18' 15"	2500	lb	Concrete	36.6	20	Chain	2016	3	2
A-14	5563.820	HW2	Half Island Point Spar HW2	4237	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.00	44º 37' 59"	63º 18' 28"	500	lb	Concrete	5.5	16	Chain	2016	3	2

Contract Area name:	East Chezzetcook to Little Harbour		
Contract Area no.:	A-15		
Province(s):	Nova Scotia		
Contract Area Description:	Includes the area from East Chezzetcook to Little Harbour		
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Dartmouth		
Commissioning date:	April 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	95		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	261		
Maximum water depth (m) :	15.2		
Operational Season:	April 15th to December 15th		
Overview of work activities:	29 of the buoys are 'year round' and 66 of the buoys are 'seasonal'. 4 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Decommisioning work includes removal of lanterns. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. The work also includes planned cyclical mooring replacement every 3 or 5 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.		

Contract Area name:	East Chezzetcook to Little Harbour
Contract Area no.:	A-15

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

EXISTING CONTRACT	
Name	No. of buoys
Jeddore	38
Musquodoboit Harbour	18
East Chezzetcook	11
Little Harbour	2
Petpeswick	26
<i>Total</i>	<i>95</i>

All current contracts expire in July 2015. The new contract will start on July 2nd, 2015.
Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-15	5564.020	HJ5	East Chezzetcook HJ5	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	16	Rope	2016	5	2
A-15	5564.030	HJ4	East Chezzetcook HJ4	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	16	Rope	2016	5	2
A-15	5564.040	HJ7	East Chezzetcook HJ7	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	16	Rope	2016	5	2
A-15	5564.050	HJ6	East Chezzetcook HJ6	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	16	Rope	2016	5	2
A-15	5564.060	HJ11	East Chezzetcook HJ11	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	16	Rope	2016	5	2
A-15	5564.100	HJ19	East Chezzetcook HJ19	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	16	Rope	2016	5	2
A-15	5564.110	HJ20	East Chezzetcook HJ20	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	14	Rope	2016	5	2
A-15	5565.010	HHA	Petpeswick Buoy HHA	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Seasonal	3.30	0° 0' 0"	0° 0' 0"	500	lb	Chain	7.6	16	Chain	2015	5	2
A-15	5565.050	HH9	Petpeswick HH9	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.10	0° 0' 0"	0° 0' 0"	500	lb	Chain	7.6	16	Chain	2015	5	2
A-15	5565.060	HH9/5	Petpeswick buoy HH9/5	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.20	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.061	HH10	Petpeswick buoyHH10	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.20	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.5	16	Chain	2015	5	2
A-15	5565.070	HH12	Petpeswick HH12	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.20	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.080	HH14	Petpeswick buoyHH14	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.90	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.090	HH15	Petpeswick HH15	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.20	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.100	HH16	Petpeswick buoyHH16	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.110	HH17	Petpeswick HH17	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	7.6	16	Rope	2015	5	2
A-15	5565.120	HH19	Petpeswick buoyHH19	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-15	5565.130	HH20	Petpeswick buoyHH20	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.90	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.140	HH21	Petpeswick buoyHH21	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.50	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.150	HH23	Petpeswick buoyHH23	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.160	HH25	Petpeswick buoyHH25	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.50	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.170	HH26	Petpeswick buoyHH26	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.20	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.180	HH27	Petpeswick HH27	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.190	HH28	Petpeswick buoyHH28	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.20	0° 0' 0"	0° 0' 0"	200	lb	Concrete	7.6	16	Rope	2015	5	2
A-15	5565.200	HH29	Petpeswick HH29	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.210	HH30	Petpeswick buoyHH30	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.220	HH31	Petpeswick buoyHH31	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.10	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.230	HH32	Petpeswick HH32	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	7.6	16	Rope	2015	5	2
A-15	5565.240	HH33	Petpeswick buoyHH33	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5565.250	HH34	Petpeswick HH34	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	0° 0' 0"	0° 0' 0"	200	lb	Chain	7.6	16	Rope	2015	5	2
A-15	5566.100	YV17	Musquodoboit (Indian Island) Green Spar Buoy YV17	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.00	0° 0' 0"	0° 0' 0"	1000	lb	Concrete	9.1	20	Chain	2016	3	2
A-15	5566.110	YV18	Musquodoboit (French Pt) Red Spar YV18	4236	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.00	0° 0' 0"	0° 0' 0"	1000	lb	Concrete	9.1	20	Chain	2016	3	2
A-15	5566.140	YV24	Musquodoboit (Francis Cove) Red Spar Buoy YV24	4236	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.00	0° 0' 0"	0° 0' 0"	1000	lb	Concrete	9.1	20	Chain	2016	3	2
A-15	5566.150	YV26	Musquodoboit (Goose Pt.) Red Spar YV26	4236	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.00	0° 0' 0"	0° 0' 0"	1000	lb	Concrete	9.1	20	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-15	5579.010	YS10	Little Harbour Red Spar YS10	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.00	0º 0' 0"	0º 0' 0"	1000	lb	Concrete	6	16	Rope	2015	3	2
A-15	572.300	YT7	Jeddore Harbour Green Light Spar YT7	4236	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	6.70	44º 42' 18.6"	63º 0' 46.8"	1250	lb	Serrated	18	16	Chain	2016	3	2
A-15	572.600	YT9	Jeddore Harbour Light Buoy YT9	4236	Night	GDI 0.9m Can		Plastic	Green	Year Round	11.30	44º 43' 10.7"	63º 0' 16.9"	1250	lb	Serrated	18	20	Chain	2016	3	2
A-15	573.000	YT11	Marsh Point light Buoy YT11	4236	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	15.20	44º 43' 23.6"	63º 0' 11.7"	1250	lb	Serrated	27	20	Chain	2016	3	2
A-15	576.000	YT8	Bar Shoal light buoy YT8	4236	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	3.70	44º 42' 31.31"	63º 0' 36.789"	1250	lb	Serrated	18	20	Chain	2016	3	2
A-15	579.000	YS9	Little Harbour Head light buoy YS9	4236	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	2.10	44º 42' 22.279"	62º 50' 29.895"	2500	lb	Serrated	6	20	Chain	2016	3	2
A-15	5564.010	HJ3	East Chezzetcook HJ3	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.10	44º 41' 16.386"	63º 13' 54.9"	200	lb	Concrete	9.1	14	Chain	2016	5	2
A-15	5564.070	HJ8	East Chezzetcook HJ8	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	44º 41' 52"	63º 13' 30"	200	lb	Chain	9.1	16	Rope	2016	5	2
A-15	5564.080	HJ13	East Chezzetcook HJ13	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	44º 42' 15"	63º 13' 46"	200	lb	Concrete	9.1	16	Rope	2016	5	2
A-15	5564.090	HJ12	East Chezzetcook HJ12	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	44º 42' 3"	63º 13' 36"	200	lb	Concrete	9.1	16	Rope	2016	5	2
A-15	5565.020	HH6	Petpeswick Buoy HH6	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.70	44º 41' 9.996"	63º 10' 27.001"	500	lb	Chain	15.2	16	Chain	2015	5	2
A-15	5565.030	HH7	Petpeswick buoy HH7	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.40	44º 41' 18.692"	63º 10' 38.19"	500	lb	Chain	15.2	16	Chain	2015	5	2
A-15	5565.040	HH8	Petpeswick HH8	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.90	44º 42' 2"	63º 10' 12"	500	lb	Chain	7.6	16	Chain	2015	5	2
A-15	5566.010	YV5	Musquodoboit Ledge buoy YV5	4236	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	7.30	44º 39' 52.503"	63º 4' 26.478"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-15	5566.020	YV7	Musquodoboit buoy YV7	4236	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	8.10	44º 40' 44.042"	63º 4' 23.416"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-15	5566.030	YV10	Musquodoboit buoy YV10	4236	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	5.40	44º 41' 5.389"	63º 4' 41.229"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-15	5566.040	YV11	Musquodoboit Harbour buoy YV11	4236	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	3.40	44º 41' 23.199"	63º 4' 49.607"	2500	lb	Concrete	9.1	20	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-15	5566.050	YV12	Musquodoboit Harbour buoy YV12	4236	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.40	44º 41' 19.189"	63º 4' 44.124"	1500	lb	Serrated	9.1	20	Chain	2016	3	2
A-15	5566.060	YV13	Musquodoboit Harbour buoy YV13	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	44º 41' 52.02"	63º 4' 45.12"	1500	lb	Serrated	9.1	20	Chain	2016	3	2
A-15	5566.070	YV14	Musquodoboit (Gardiner Rock Red Spar Buoy YV14	4236	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.00	44º 41' 33"	63º 4' 42"	1250	lb	Serrated	9.1	20	Chain	2016	3	2
A-15	5566.080	YV15	Musquodoboit (Flat Rock) Green Spar Buoy YV15	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.00	44º 41' 41.88"	63º 4' 45.3"	1000	lb	Serrated	9.1	20	Chain	2016	3	2
A-15	5566.090	YV16	Musquodoboit (Shag Ledge Turn) Red Spar Buoy YV16	4236	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.00	44º 41' 51.5"	63º 4' 44.3"	1000	lb	Concrete	9.1	20	Chain	2016	3	2
A-15	5566.115	YV20	Musquodoboit Harbour Spar YV20	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.00	44º 42' 34"	63º 4' 50"	500	lb	Concrete	9.1	16	Chain	2016	3	2
A-15	5566.120	YV21	Musquodoboit (Francis Nose Is) Spar YV21	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.00	44º 42' 52.9"	63º 5' 3.1"	1000	lb	Concrete	15	20	Chain	2016	3	2
A-15	5566.130	YV22	Musquodoboit (NE Francis Nose Is) Spar YV22	4236	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	3.00	44º 42' 58"	63º 5' 3.1"	1300	lb	Concrete	15	20	Chain	2016	3	2
A-15	5567.010	YYA	Musquodoboit Bifurcation buoy YYA	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Red-green-red	Year Round	3.60	44º 40' 49.503"	63º 5' 23.953"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-15	5567.020	YY2	Musquodoboit buoy YY2	4236	Unlit	1.5m SB 98 plastic	261	Plastic	Red	Year Round	2.40	44º 41' 22.86"	63º 5' 10.32"	1500	lb	Serrated	9.1	20	Chain	2016	3	2
A-15	5572.040	YT10	Jeddore Harbour buoy YT10	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.80	44º 43' 17.1"	63º 0' 2.6"	500	lb	Concrete	15	To Be Fixed	Chain	2017	3	2
A-15	5572.050	YT10/2	Jeddore Harbour YT10/2	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.90	44º 43' 22.8"	63º 0' 3.7"	500	lb	Concrete	15	To Be Fixed	Chain	2017	3	2
A-15	5572.060	YT12	Jeddore Harbour buoy YT12	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.80	44º 43' 33.2"	63º 0' 13.6"	500	lb	Concrete	12	To Be Fixed	Chain	2017	3	2
A-15	5572.070	YT14	Jeddore Harbour YT14	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.40	44º 43' 38.3"	63º 0' 20.7"	500	lb	Concrete	12	To Be Fixed	Chain	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-15	5572.080	YT15	Jeddore Harbour YT15	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.00	44º 43' 37.02"	63º 0' 36.9"	500	lb	Concrete	15	To Be Fixed	Chain	2017	3	2
A-15	5572.085	YT16	Jeddore Harbour YT16	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.60	44º 43' 55.5"	63º 0' 42.6"	500	lb	Concrete	15	16	Chain	2018	5	2
A-15	5572.090	YT17	Jeddore Harbour YT17	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.10	44º 44' 1.9"	63º 1' 1.7"	500	lb	Serrated	15	16	Chain	2018	5	2
A-15	5572.100	YT18	Jeddore Harbour YT18	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.90	44º 44' 18.2"	63º 1' 3"	500	lb	Serrated	15	14	Chain	2018	5	2
A-15	5572.110	YT19	Jeddore Harbour YT19	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.30	44º 44' 28.3"	63º 1' 23.7"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.120	YT20	Jeddore Harbour YT20	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.90	44º 44' 44.8"	63º 1' 23.8"	500	lb	Serrated	15	14	Chain	2018	5	2
A-15	5572.125	YT21	Jeddore Harbour YT21	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.90	44º 45' .7"	63º 1' 35.3"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.130	YT22	Jeddore Harbour YT22	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.60	44º 45' 16.4"	63º 1' 29.6"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.140	YT23	Jeddore Harbour YT23	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.70	44º 45' 18.4"	63º 1' 37.9"	500	lb	Concrete	19	14	Chain	2018	5	2
A-15	5572.150	YTU	Jeddore Harbour Port Bifurcation YTU	4236	Unlit	GDI 0.9m Can		Plastic	Green-red-green	Seasonal	8.50	44º 45' 20.8"	63º 1' 37.7"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.160	YT24	Jeddore Harbour YT24	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.70	44º 45' 29.5"	63º 1' 33.5"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.170	YT25	Jeddore Harbour YT25	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.20	44º 45' 43"	63º 1' 41.9"	500	lb	Steel Block	15	14	Chain	2018	5	1

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-15	5572.180	YT26	Jeddore Harbour YT26	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.90	44º 45' 41.9"	63º 1' 37.6"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.190	YT27	Jeddore Harbour YT27	4236	Unlit	0.75m Plastic Can (SB75)		Plastic	Green	Seasonal	3.90	44º 45' 54.2"	63º 1' 42.6"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.200	YT28	Jeddore Harbour YT28	4236	Unlit	0.75m Plastic Conical (SB75)		Plastic	Red	Seasonal	4.90	44º 45' 52.3"	63º 1' 39.5"	500	lb	Serrated	15	14	Chain	2018	5	2
A-15	5572.210	YT29	Jeddore Harbour YT29	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	44º 46' 23.8"	63º 1' 52.7"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.220	YT30	Jeddore Harbour YT30	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.80	44º 46' 32.6"	63º 2' 14.6"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.230	YT31	Jeddore Harbour YT31	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.10	44º 46' 34.1"	63º 2' 16.9"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5572.240	YX	Jeddore Harbour West Cardinal Buoy YX	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black-yellow	Seasonal	6.30	44º 46' 17.7"	63º 0' 55.7"	500	lb	Steel Block	15	14	Chain	2018	5	2
A-15	5573.000	YU1	Jeddore Harbour YU1	4386	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	8.60	44º 45' 18.3"	63º 1' 48.2"	500	lb	Steel Block	15	14	Chain	2018	5	2
A-15	5573.100	YU2	Jeddore Harbour YU2	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.50	44º 45' 19.6"	63º 1' 54.3"	500	lb	Steel Block	15	14	Chain	2019	5	2
A-15	5573.200	YU3	Jeddore Harbour Green YU3	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.20	44º 45' 15.3"	63º 2' .8"	500	lb	Steel Block	15	14	Chain	2018	5	2
A-15	5573.300	YU4	Jeddore Harbour YU4	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.70	44º 45' 17.7"	63º 2' 1.7"	500	lb	Steel Block	15	14	Chain	2018	5	2
A-15	5573.400	YU5	Jeddore Harbour YU5	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	44º 45' 14.7"	63º 2' 5.6"	500	lb	Concrete	15	14	Chain	2018	5	2
A-15	5573.500	YU6	Jeddore Harbour YU6	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.60	44º 45' 15.6"	63º 2' 6.5"	500	lb	Steel Block	15	14	Chain	2018	5	2
A-15	5573.600	YU7	Jeddore Harbour YU7	4236	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.60	44º 45' 11.3"	63º 2' 10.4"	500	lb	Steel Block	15	14	Chain	2018	5	2
A-15	5573.700	YU8	Jeddore Harbour YU8	4236	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.90	44º 45' 13.5"	63º 2' 8.9"	500	lb	Steel Block	15	14	Chain	2018	5	2
A-15	5573.800	YU9	Jeddore Harbour YU9	4236	Unlit	0.75m Plastic Can (SB75)		Plastic	Green	Seasonal	6.40	44º 45' 14"	63º 2' 30.4"	500	lb	Steel Block	15	14	Chain	2018	5	2
A-15	5573.900	YU10	Jeddore Harbour YU10	4236	Unlit	0.75m Plastic Conical (SB75)		Plastic	Red	Seasonal	8.10	44º 45' 18.5"	63º 2' 30.6"	500	lb	Steel Block	15	14	Chain	2018	5	2
A-15	5574.000	YUA	Jeddore Harbour North Cardinal Spar Buoy YUA	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow	Seasonal	5.10	44º 45' 13.8"	63º 2' 48.5"	500	lb	Steel Block	15	14	Chain	2018	5	2

Contract Area name:	A-16
Contract Area no.:	Ship Harbour to Beaver Harbour
Province(s):	Nova Scotia
Contract Area Description:	Includes the area from Ship Harbour to Beaver Harbour
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Dartmouth
Commissioning date:	April 15th
Decommissioning date:	December 15th
Total no. of buoys:	62
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	1136
Maximum buoy weight (kg) :	510
Maximum water depth (m) :	32
Operational Season:	April 15th to December 15th
Overview of work activities:	13 of the buoys are 'year round' , the remainder are 'seasonal'. 3 buoys have removable lanterns; At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Decommissioning work includes removal of lanterns. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. The work also includes planned cyclical mooring replacement every 3 or 5 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.

Contract Area name:	A-16
Contract Area no.:	Ship Harbour to Beaver Harbour

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

EXISTING CONTRACT(S)				NEW CONTRACT			
Name	No. of buoys	Last option expiry year					
Sheet Harbour/ White Shoal	13	2015					
Ship Harbour	11	2015					
Tangier	10	2015		2015 - 2016:	34 buoys		
Total, 2015:	34						
Beaver Harbour	18			2016 to 2019 (or			
Sheet Harbour	10	2016		2020 if option year			
Total, 2016:	28			exercised):	62buoys		

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoy included in contract from July 2015																						
A-16	595.000	XU10	White Rock light buoy XU10	4235(I)	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	8.80	44º 51' .5"	62º 29' 38"	1500	lb	Serrated	18.2	32	Rope	2016	3	2
A-16	596.000	XU14	Watt Point light buoy XU14	4235(I)	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	14.60	44º 53' 49.5"	62º 29' 16"	1500	lb	Serrated	27.4	32	Rope	2016	3	2
A-16	596.010	XX1	Northeast Arm light buoy XX1	4235(I)	Night	1.5m SB 98 plastic	261	Plastic	Green	Year Round	7.10	44º 55' 6"	62º 30' 56"	1500	lb	Serrated	27.5	32	Rope	2016	3	2
A-16	5586.010	YM8	Ship Harbour buoy YM8	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.70	44º 46' 18.507"	62º 47' 54.983"	200	lb	Concrete	9.1	To Be Fixed	Chain	2016	5	2
A-16	5586.020	YM10	Ship Harbour buoy YM10	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	44º 46' 37.005"	62º 48' 25.502"	200	lb	Concrete	9.1	To Be Fixed	Chain	2016	5	2
A-16	5586.030	YM12	Ship Harbour buoy YM12	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	44º 46' 56.967"	62º 49' 9.298"	200	lb	Concrete	9.1	To Be Fixed	Chain	2016	5	2
A-16	5586.040	YM14	Ship Harbour buoy YM14	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	44º 47' 57.17"	62º 50' 10.044"	200	lb	Concrete	9.1	To Be Fixed	Chain	2016	5	2
A-16	5586.050	YM15	Ship Harbour buoy YM15	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	44º 47' 56.526"	62º 50' 23.264"	200	lb	Concrete	9.1	To Be Fixed	Chain	2016	5	2
A-16	5586.060	YM16	Ship Harbour buoy YM16	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	44º 48' 6.88"	62º 50' 25.073"	200	lb	Concrete	9.1	To Be Fixed	Chain	2016	5	2
A-16	5586.070	YM17	Ship Harbour buoy YM17	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.50	44º 48' 8.019"	62º 50' 30.083"	200	lb	Concrete	9.1	To Be Fixed	Chain	2017	3	2
A-16	5586.080	YM21	Ship Harbour buoy YM21	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	44º 48' 23.772"	62º 51' 10.998"	200	lb	Concrete	12.2	To Be Fixed	Chain	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-16	5586.090	YM23	Ship Harbour buoy YM23	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	44º 48' 23.525"	62º 51' 31.804"	200	lb	Concrete	9	To Be Fixed	Chain	2017	3	2
A-16	5586.100	YM25	Ship Harbour buoy YM25	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.50	44º 48' 36.552"	62º 52' 7.5"	200	lb	Concrete	9.1	To Be Fixed	Chain	2017	3	2
A-16	5586.110	YQ3	Ship Harbour buoy YQ3	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.00	44º 45' 15.998"	62º 48' 2.002"	200	lb	Concrete	13	To Be Fixed	Chain	2017	3	2
A-16	5587.010	YJA	Tangier buoy YJA	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Seasonal	7.90	44º 46' 43.169"	62º 40' 31.398"	200	lb	Concrete	12	16	Rope	2017	3	2
A-16	5587.020	YJ3	Tangier buoy YJ3	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	44º 46' 16.999"	62º 40' 10.996"	200	lb	Concrete	10	16	Rope	2017	3	2
A-16	5587.030	YJ8	Tangier buoy YJ8	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.50	44º 46' 56.351"	62º 40' 35.434"	200	lb	Concrete	12	16	Rope	2017	3	2
A-16	5587.040	YJ12	Tangier buoy YJ12	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.60	44º 47' 34.308"	62º 40' 42.253"	200	lb	Concrete	12	16	Rope	2017	3	2
A-16	5587.050	YK1	Tangier buoy YK1	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.50	44º 47' 1.01"	62º 40' 18.01"	200	lb	Concrete	13	16	Rope	2017	3	2
A-16	5587.060	YN3	Tangier YN3	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.60	44º 47' 10.32"	62º 42' 30.72"	200	lb	Concrete	15.2	16	Rope	2017	3	2
A-16	5587.070	YN4	Tangier YN4	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.30	44º 47' 15.24"	62º 42' 27.72"	200	lb	Concrete	15.2	16	Rope	2017	3	2
A-16	5587.080	YN6	Tangier YN6	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	44º 47' 26.52"	62º 42' 2.64"	200	lb	Concrete	7.3	16	Rope	2017	3	2
A-16	5587.090	YN7	Tangier YN7	4236	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.70	44º 47' 27.96"	62º 42' 1.2"	200	lb	Concrete	7.3	10	Chain	2017	3	2
A-16	5587.100	YN8	Tangier YN8	4236	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	44º 47' 28.302"	62º 41' 55.302"	200	lb	Concrete	12.1	16	Rope	2017	3	2
A-16	5588.010	YE1	Horse Rock buoy YE1	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	19.70	44º 44' 46.967"	62º 35' 48.195"	2500	lb	Serrated	54	20	Chain	2017	3	2
A-16	5588.020	YH1	Soup Rock buoy YH1	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.80	44º 46' 16.008"	62º 38' 20.721"	1500	lb	Serrated	18.2	20	Chain	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-16	5588.030	YE5	Schooner Rock buoy YE5	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	5.40	44º 46' 56.45"	62º 38' 21.973"	800	kg	Serrated	18	20	Chain	2017	3	2
A-16	5590.010	YA3	Maloney Shoal buoy YA3	4236	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	44º 46' 42.078"	62º 34' 41.813"	800	lb	Serrated	27	20	Chain	2017	3	2
A-16	5590.020	YA4	Mad Moll Reef buoy YA4	4236	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.30	44º 46' 42.296"	62º 33' 48.596"	2500	lb	Serrated	18.2	20	Chain	2017	3	2
A-16	5593.010	XU1	Yankee Jack Spar XU1	4235	Unlit	0.6m Spar Can (Short)	510	Steel	Green	Year Round	20.10	44º 45' 38"	62º 29' 31"	2500	lb	Serrated	54.8	20	Chain	2017	3	2
A-16	5593.030	XU11	Slab Shoal Green Spar XU11	4235(I)	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	11.80	44º 52' 42"	62º 29' 19.5"	1000	lb	Concrete	18.2	32	Rope	2017	3	2
A-16	5593.050	XU18	Mussel Shoal Red Spar XU18	4235(I)	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.90	44º 54' 36.5"	62º 31' 9"	800	kg	Steel Block	18.2	32	Rope	2017	3	2
A-16	5593.601	XUC	Sheet Harbour Entrance Spar XUC	4235	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red-green-red	Year Round	11.00	44º 48' 49.5"	62º 29' 41"	1500	lb	Serrated	27.4	32	Rope	2017	3	2
A-16	5601.010	XK6	Beaver Harbour Middle Rock Spar XK6	4235	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	32.00	44º 51' 5"	62º 20' 52"	1500	lb	Serrated	55	20	Chain	2017	3	2
Buoys included in contract from July 2016																						
A-16	5597.010	XP9	Sheet Harbour Passage XP9	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	16.00	44º 50' 16"	62º 26' 36"	200	lb	Concrete	20	14	Rope	2017	3	2
A-16	5597.020	XP14	Sheet Harbour Passage XP14	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.70	44º 51' 4"	62º 26' 33"	200	lb	Concrete	16	14	Rope	2017	3	2
A-16	5597.030	XP15	Sheet Harbour Passage XP15	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	8.50	44º 51' 12.9"	62º 26' 48.66"	200	lb	Concrete	12	14	Rope	2017	3	2
A-16	5597.040	XS1	Sheet Harbour Passage XS1	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	44º 51' 0"	62º 25' 24"	200	lb	Concrete	11	14	Rope	2017	3	2
A-16	5597.050	XS2	Sheet Harbour Passage XS2	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	10.90	44º 51' 5.22"	62º 25' 24.8"	200	lb	Concrete	15	14	Rope	2017	3	2
A-16	5597.060	XS4	Sheet Harbour Passage XS4	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	44º 50' 58.44"	62º 25' 36.36"	200	lb	Concrete	10	14	Rope	2017	3	2
A-16	5597.070	XS6	Sheet Harbour Passage XS6	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	44º 50' 58.36"	62º 25' 45.12"	200	lb	Concrete	12	14	Rope	2017	3	2
A-16	5597.080	XS7	Sheet Harbour Passage XS7	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.10	44º 51' 2.4"	62º 25' 52.86"	200	lb	Concrete	10	14	Rope	2017	3	2
A-16	5597.090	XS8	Sheet Harbour Passage XS8	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.60	44º 51' 3"	62º 26' 13"	200	lb	Concrete	12	14	Rope	2017	3	2
A-16	5597.100	XS9	Sheet Harbour Passage XS9	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	8.50	44º 50' 57.54"	62º 26' 14.1"	200	lb	Concrete	10	14	Rope	2017	3	2
A-16	5597.110	XQ3	Beaver Harbour XQ3	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.10	44º 49' 54"	62º 25' 22"	200	lb	Concrete	16	14	Rope	2017	3	2
A-16	5600.010	XM3	Beaver Harbour XM3	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	21.30	44º 52' 31"	62º 21' 18"	200	lb	Concrete	26	14	Rope	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-16	5600.025	XM5	Beaver Harbour XM5	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	10.90	44º 52' 38"	62º 19' 10"	200	lb	Concrete	26	14	Rope	2017	3	2
A-16	5600.030	XM6	Beaver Harbour XM6	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.10	44º 53' 23"	62º 18' 54"	200	lb	Concrete	12	14	Rope	2017	3	2
A-16	5600.040	XM7	Beaver Harbour XM7	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.10	44º 53' 43"	62º 18' 30"	200	lb	Concrete	18	14	Rope	2017	3	2
A-16	5600.050	XM10	Beaver Harbour XM10	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.40	44º 53' 52"	62º 17' 58"	200	lb	Concrete	12	14	Rope	2017	3	2
A-16	5600.060	XM13	Beaver Harbour XM13	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	44º 54' 3"	62º 17' 9"	200	lb	Concrete	14	14	Rope	2017	3	2
A-16	5600.070	XM16	Beaver Harbour XM16	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	20.00	44º 54' 31"	62º 15' 57"	200	lb	Concrete	33	14	Rope	2017	3	2
A-16	5600.080	XM17	Beaver Harbour XM17	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	11.90	44º 54' 42"	62º 15' 25"	200	lb	Concrete	16	14	Rope	2017	3	2
A-16	5600.090	XT2	Beaver Harbour XT2	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.90	44º 54' 5"	62º 18' 22"	200	lb	Concrete	12	14	Rope	2017	3	2
A-16	5600.100	XT3	Beaver Harbour XT3	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.10	44º 54' 20"	62º 18' 30"	200	lb	Concrete	9	14	Rope	2017	3	2
A-16	5600.110	XT4	Beaver Harbour XT4	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.00	44º 54' 16"	62º 18' 12"	200	lb	Concrete	7.6	16	Rope	2017	3	2
A-16	5601.015	XJ2	Beaver Harbour XJ2	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.10	44º 53' 48"	62º 24' 49"	200	lb	Concrete	9	14	Rope	2017	3	2
A-16	5601.020	XJ3	Beaver Harbour XJ3	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.10	44º 53' 54"	62º 24' 45"	200	lb	Concrete	9	14	Rope	2017	3	2
A-16	5601.030	XK17	Beaver Harbour XK17	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	14.00	44º 53' 10.5"	62º 24' 41"	200	lb	Concrete	17	14	Rope	2017	3	2
A-16	5601.040	XK19	Beaver Harbour XK19	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	10.70	44º 53' 9.8"	62º 24' 51"	200	lb	Concrete	16	14	Rope	2017	3	2
A-16	5601.050	XN2	Beaver Harbour XN2	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.60	44º 53' 38"	62º 22' 45"	200	lb	Concrete	20	14	Rope	2017	3	2
A-16	5601.060	XN4	Beaver Harbour XN4	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.90	44º 54' 12"	62º 22' 57"	200	lb	Concrete	9	14	Rope	2017	3	2

Contract Area name:	Ecum Secum to St. Mary's River
Contract Area no.:	A-17
Province(s):	Nova Scotia
Contract Area Description:	Includes the area from Ecum Secum to St. Mary's River
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Dartmouth
Commissioning date:	April 15th
Decommissioning date:	November 15th
Total no. of buoys:	85
Max. buoy size(m) diameter :	0.6
Maximum anchor size (weight (kg)):	1136
Maximum buoy weight (kg) :	95
Maximum water depth (m) :	20.1
Operational Season:	April 15th to November 15th
Overview of work activities:	12 of the buoys are 'year round' and 73 of the buoys are 'seasonal'. 2 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. The work also includes planned cyclical mooring replacement every 2, 3 or 5 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.

Contract Area name:	Ecum Secum to St. Mary's River
Contract Area no.:	A-17

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>			
Name	No. of buoys	Last option expiry year					
Liscomb & Little Liscomb	17		2015				
Ecum Secum	16		2015				
Gegogan	7		2015				
St. Mary's River	36		2015				
Total, 2015:	76			2015 - 2016:	76 buoys		
Ecum Secum/Barren Island	9		2017**	2016 to 2019 (or 2020 if option year exercised):	85 buoys		
Additional sub-total, 2016:	9						

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-17	5607.010	XC1	Ecum Secum XC1	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	44º 56' 6.5"	62º 9' 19"	200	lb	Concrete	3	14	Rope	2017	3	2
A-17	5607.020	XC2	Ecum Secum XC2	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	44º 56' 5"	62º 9' 19.5"	200	lb	Concrete	6	14	Rope	2017	3	2
A-17	5607.030	XC3	Ecum Secum XC3	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	44º 56' 19"	62º 8' 53"	200	lb	Concrete	11.5	14	Rope	2017	3	2
A-17	5607.040	XA7	Ecum Secum XA7	4235	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.00	44º 55' 7.5"	62º 10' 28"	200	lb	Concrete	6	14	Rope	2017	3	2
A-17	5607.050	XA15	Ecum Secum XA15	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	44º 55' 54"	62º 9' 46"	200	lb	Concrete	8	16	Rope	2017	3	2
A-17	5607.060	XA18	Ecum Secum XA18	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.00	44º 56' 11"	62º 9' 47"	200	lb	Concrete	4.6	14	Rope	2017	3	2
A-17	5607.070	XA19	Ecum Secum XA19	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	44º 56' 32.1"	62º 9' 23.5"	200	lb	Concrete	6	14	Rope	2017	3	2
A-17	5607.080	XA20	Ecum Secum XA20	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.80	44º 56' 36"	62º 9' 21.2"	200	lb	Concrete	4.6	14	Rope	2017	3	2
A-17	5607.090	XA21	Ecum Secum XA21	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	44º 56' 50.5"	62º 9' 39.5"	200	lb	Concrete	7	14	Rope	2017	3	2
A-17	5607.100	XA23	Ecum Secum XA23	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.80	44º 57' 10.14"	62º 9' 51.72"	200	lb	Concrete	4.6	14	Rope	2017	3	2
A-17	5607.110	XA24	Ecum Secum XA24	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.90	44º 57' 11.5"	62º 9' 40"	200	lb	Concrete	5	14	Rope	2017	3	2
A-17	5607.120	XC4	Ecum Secum XC4	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	10.60	44º 56' 16.5"	62º 8' 41"	200	lb	Concrete	8	14	Rope	2017	3	2
A-17	5608.015	VV9	Ecum Secum VV9	4235	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	44º 56' 16"	62º 8' 17"	200	lb	Concrete	6	14	Rope	2017	3	2
A-17	5608.025	VV14	Ecum Secum VV14	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	44º 57' 22"	62º 9' 8.5"	200	lb	Concrete	5		Rope	2017	3	2
A-17	5608.030	VV16	Ecum Secum VV16	4235	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Year Round	6.00	44º 57' 32"	62º 9' 29"	200	lb	Concrete	15.2	14	Rope	2017	3	2
A-17	5608.040	VX6	Ecum Secum VX6	4235	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	10.30	44º 56' 50"	62º 7' 11"	200	lb	Concrete	9.3	16	Chain	2017	3	2
A-17	5614.015	VPA	Liscomb Harbour VPA	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red-green-red	Seasonal	6.00	45º 0' 0"	62º 2' 4"	200	lb	Concrete	9.1	16	Rope	2017	3	2
A-17	5614.025	VSA	Liscomb Harbour VSA	4234	Unlit	GDI 420		Plastic	Green-red-green	Seasonal	6.70	45º 0' 53"	62º 1' 0"	200	lb	Concrete	9	16	Rope	2017	3	2
A-17	5614.030	VP16	Liscomb Harbour VP16	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	44º 59' 59.5"	62º 2' 33"	200	lb	Concrete	9.1	14	Rope	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-17	5614.040	VP17	Liscomb Harbour VP17	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	44º 59' 57"	62º 2' 51"	200	lb	Concrete	9	16	Rope	2017	3	2
A-17	5614.050	VP20	Liscomb Harbour VP20	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.90	45º 0' 8"	62º 3' 56"	200	lb	Concrete	9	16	Rope	2017	3	2
A-17	5614.060	VP22	Liscomb Harbour VP22	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.10	45º 0' 11"	62º 4' 28"	200	lb	Concrete	9	16	Rope	2017	3	2
A-17	5614.070	VP24	Liscomb Harbour VP24	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00			200	lb	Concrete	9	16	Rope	2017	3	2
A-17	5614.080	VP26	Liscomb Harbour VP26	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	9.1	16	Rope	2017	3	2
A-17	5614.090	VP28	Liscomb Harbour VP28	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	9.1	16	Rope	2017	3	2
A-17	5614.100	VP30	Liscomb Harbour VP30	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	9	16	Rope	2017	3	2
A-17	5614.110	VP32	Liscomb Harbour VP32	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	9	16	Rope	2017	3	2
A-17	5614.120	VS5	Liscomb Harbour VS5	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	8.50	45º 0' 57"	62º 0' 57"	200	lb	Concrete	9.1	16	Rope	2017	3	2
A-17	5619.010	VM6	Little Liscomb VM6	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	13.70	45º 0' 27"	61º 56' 28"	200	lb	Concrete	20.1	16	Rope	2017	3	2
A-17	5619.020	VM9	Little Liscomb VM9	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45º 0' 30"	61º 57' 31"	200	lb	Concrete	12.8	16	Rope	2017	3	2
A-17	5619.030	VM15	Little Liscomb VM15	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.40	45º 1' 24"	61º 58' 54"	200	lb	Concrete	9.1	16	Rope	2017	3	2
A-17	5619.040	VM18	Little Liscomb VM18	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	45º 1' 29"	61º 59' 28"	200	lb	Concrete	6	16	Rope	2017	3	2
A-17	5619.050	VQ5	Little Liscomb VQ5	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.90	45º 0' 58.62"	61º 59' 34.02"	200	lb	Concrete	12.1	16	Rope	2017	3	2
A-17	5619.060	VN1	Tobacco Ledge buoy VN1	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.70	45º 1' 27"	61º 55' 23"	200	lb	Concrete	24.3	16	Rope	2017	3	3
A-17	5619.070	VN2	Gegogan Harbour buoy VN2	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	10.60	45º 2' 9"	61º 56' 30"	200	lb	Concrete	24.3	16	Rope	2017	3	3
A-17	5619.080	VN3	Gegogan Harbour buoy VN3	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.90	45º 2' 13.7"	61º 56' 50.6"	200	lb	Concrete	24.3	16	Rope	2017	3	3
A-17	5619.090	VN5	Gegogan Harbour buoy VN5	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.90	45º 2' 52.38"	61º 57' 1.38"	500	lb	Concrete	24.3	16	Rope	2017	3	3
A-17	5619.100	VN6	Gegogan Harbour buoy VN6	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.90	45º 2' 57.5"	61º 57' 1.5"	500	lb	Concrete	18.2	16	Rope	2017	3	3
A-17	5619.110	VN7	Gegogan Harbour buoy VN7	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.90	45º 3' 9.5"	61º 57' 6.5"	200	lb	Concrete	21.3	16	Rope	2017	3	3
A-17	5619.120	VN8	Gegogan Harbour buoy VN8	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.90	45º 3' 16.4"	61º 57' 12.4"	200	lb	Concrete	18.2	16	Rope	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-17	5621.010	VK5	St. Mary's River VK5	4234	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	45º 2' 44"	61º 53' 27.5"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-17	5621.020	VK8	St. Mary's River VK8	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.80	45º 2' 52"	61º 53' 26"	200	lb	Concrete	7.3	16	Rope	2017	3	3
A-17	5621.030	VK10	St. Mary's River VK10	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	45º 2' 59"	61º 53' 34"	200	lb	Concrete	7.3	16	Rope	2017	3	3
A-17	5621.050	VK14	St. Mary's River VK14	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.90	45º 3' 10"	61º 53' 46"	200	lb	Concrete	7.3	16	Rope	2017	3	3
A-17	5621.060	VK15	St. Mary's River VK15	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.00	45º 3' 11.5"	61º 53' 53"	200	lb	Concrete	10.3	16	Rope	2017	3	3
A-17	5621.070	VK18	St. Mary's River VK18	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.90	45º 3' 15.5"	61º 53' 59.5"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.080	VK22	St. Mary's River VK22	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	45º 3' 40"	61º 54' 34"	100	lb	Concrete	7.3	16	Rope	2017	3	3
A-17	5621.090	VK24	St. Mary's River VK24	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	45º 4' 8.28"	61º 54' 51.9"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.100	VK25	St. Mary's River VK25	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45º 4' 10.14"	61º 55' .18"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.110	VK27	St. Mary's River VK27	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	45º 4' 13.62"	61º 55' 11.64"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.120	VK30	St. Mary's River VK30	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.30	45º 4' 15"	61º 55' 34"	100	lb	Concrete	9.1	16	Rope	2017	3	3
A-17	5621.130	VK31	St. Mary's River VK31	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	45º 4' 27.5"	61º 55' 54"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.140	VK33	St. Mary's River VK33	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.40	45º 4' 35"	61º 56' 2"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.150	VK38	St. Mary's River VK38	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	45º 4' 46"	61º 56' 48"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.160	VK41	St. Mary's River VK41	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45º 5' 40"	61º 57' 27"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.170	VK44	St. Mary's River VK44	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	45º 5' 51.5"	61º 57' 42"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.180	VK45	St. Mary's River VK45	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45º 6' 11"	61º 57' 54"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.190	VK46	St. Mary's River VK46	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	45º 6' 13"	61º 57' 49.5"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.200	VK47	St. Mary's River VK47	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.90	45º 6' 16.5"	61º 57' 57"	100	lb	Concrete	10.3	16	Rope	2017	3	3
A-17	5621.210	VK50	St. Mary's River VK50	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.40	45º 6' 21"	61º 57' 59"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.220	VK51	St. Mary's River VK51	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.40	45º 6' 27.5"	61º 58' 6"	200	lb	Concrete	7.3	16	Rope	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-17	5621.230	VK55	St. Mary's River VK55	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45º 6' 53"	61º 58' 11"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.240	VK56	St. Mary's River VK56	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	45º 6' 54"	61º 58' 8"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.250	VK57	St. Mary's River VK57	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45º 7' 1"	61º 58' 16"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.260	VK58	St. Mary's River VK58	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	45º 7' 2"	61º 58' 8"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.270	VK61	St. Mary's River VK61	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.90	45º 7' 22"	61º 58' 35"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.280	VK62	St. Mary's River VK62	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.20	45º 7' 22"	61º 58' 32.5"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.290	VK63	St. Mary's River VK63	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	45º 7' 26.5"	61º 58' 42.5"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.300	VK64	St. Mary's River VK64	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.20	45º 7' 29"	61º 58' 38"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.310	VK66	St. Mary's River VK66	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.70	45º 7' 32"	61º 58' 43"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.320	VK68	St. Mary's River VK68	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	45º 7' 34.5"	61º 58' 51.5"	200	lb	Concrete	7.9	16	Rope	2017	3	3
A-17	5621.330	VK72	St. Mary's River VK72	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.10	45º 7' 38"	61º 59' 1"	200	lb	Concrete	7.3	16	Rope	2017	3	3
A-17	5621.340	VK73	St. Mary's River VK73	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	45º 7' 42"	61º 59' 8.5"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.350	VK74	St. Mary's River VK74	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	45º 7' 43"	61º 59' 6"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.360	VK75	St. Mary's River VK75	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.50	45º 7' 50.5"	61º 59' 11"	200	lb	Concrete	6	16	Rope	2017	3	3
A-17	5621.370	VK76	St. Mary's River VK76	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.10	45º 7' 50"	61º 59' 6"	100	lb	Concrete	7.3	16	Rope	2017	3	3
Buoys included in contract from July 2016																						
A-17	610.000	VV12	Necum Point Light Buoy VV12	4235	Night	0.6m SB 60 Spar Can PI		Plastic	Red	Year Round	6.40	44º 57' 16.002"	62º 8' 58.998"	1500	lb	Serrated	27.4	28	Rope	2016	3	2
A-17	610.500	VV8	Frenchman Rock light buoy VV8	4235(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	20.10	44º 55' 56.5"	62º 7' 3.5"	1500	lb	Serrated	55	32	Rope	2016	3	2
A-17	5600.020	VT10	Smith Point Spar VT10	4235	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.00	44º 57' 19"	62º 3' 6.5"	500	lb	Concrete	18	14	Chain	2017	3	2
A-17	5608.010	VV7	Tuffin Island Shoal Spar VV7	4235(I)	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	15.00	44º 54' 41"	62º 6' 54"	800	kg	Serrated	27	32	Rope	2017	3	2
A-17	5608.020	VV10	Mad Moll Rock Spar VV10	4235(I)	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.90	44º 56' 44"	62º 8' 16"	1500	lb	Serrated	18.2	20	Rope	2017	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-17	5611.010	VT7	Pan Shoal Spar VT7	4235	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.00	44º 57' 22.5"	62º 1' 44"	500	lb	Concrete	13	16	Rope	2017	3	2
A-17	5611.030	VT11	Turners Shoal Spar VT11	4235	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.00	44º 57' 16.5"	62º 3' 33.5"	500	lb	Concrete	13	To Be Fixed	Chain	2017	3	2
A-17	5614.010	VQ2	Hemloe Island Spar VQ2	4234	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.10	45º 0' 26"	61º 59' 48"	1500	lb	Serrated	18.2		Rope	2017	3	2
A-17	5614.020	VP6	Mackerel Shoal Spar VP6	4234	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	17.90	44º 59' 6.5"	61º 58' 15.5"	2500	lb	Serrated	27.4	20	Chain	2017	3	2

Contract Area name:	Port Bickerton to Upper Whitehead
Contract Area no.:	A-18
Province(s):	Nova Scotia
Contract Area Description:	Includes the area from Port Bickerton to Upper Whitehead
Material Transportation & Storage:	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Dartmouth
Commissioning date:	April 15th
Decommissioning date:	December 31st
Total no. of buoys:	88
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	1134
Maximum buoy weight (kg) :	261
Maximum water depth (m) :	23.7
Operational Season:	April 15th to December 31st
Overview of work activities:	22 of the buoys are 'year round', 30 of the buoys are 'Seasonal (in place year round)'and 36 of the buoys are 'seasonal'. 25 buoys have removable lanterns; At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. The work also includes planned cyclical mooring replacement every 2, 3 or 5 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.

Contract Area name:	Port Bickerton to Upper Whitehead
Contract Area no.:	A-18

Comments: Larry's River	Local Knowledge is required when placing, lifting & maintaining 6 of the 11 buoys & 8 stakes in this area. STK 8 (LL5645.095) - There are 8 stakes (4 red, 4 green). Buoys THB & TJ4 are in place Year Round, Seasonally maintained.
Port Felix	Local Knowledge is required to locate and maintain the 2 stakes which are to be provided by contractor each year or as required; these mark Hog Island(Green marks east end).
Bickerton:	Lanterns will be left on V1,V3, & V4 for the winter months and will be removed if ice conditions become a problem.
Country Island	Lantern will be left on TY5 for the winter months and will be removed if ice conditions become a problem.

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 7 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>			
Name	No. of buoys	Last option expiry year					
Port Felix	7	2015					
Torbay	16	2015					
Currently managed by CCG	8	2015					
Whitehead	9	2015					
Total, 2015:	40			2015 - 2016:	40 buoys		
Bickerton	13	2017**					
Coddles	20	2017**					
Country Island	4	2017**					
Larry's River	11	2019**		2016 to 2019 (or 2020 if option year exercised):	88 buoys		
Additional sub-total, 2016:	48						

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-18	626.600	VC5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1856	Extinguished / Éteinte	06/08/2013	3
A-18	626.200	VC2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1810	Extinguished / Éteinte	04/07/2011	3
A-18	628.100	V4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2781	Extinguished / Éteinte	06/12/2013	3
A-18	626.300	VC3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1855	Extinguished / Éteinte	06/08/2013	3
A-18	626.300	VC3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2452	Extinguished / Éteinte	14/09/2009	3
A-18	626.300	VC3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2269	Extinguished / Éteinte	29/08/2009	3
A-18	626.100	VC1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2748	Showing Improper Character / Caractéristiques Inexactes	22/11/2012	3
A-18	627.500	V3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1311	Extinguished / Éteinte	10/06/2012	3
A-18	627.500	V3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2432	Extinguished / Éteinte	11/09/2009	3
A-18	627.500	V3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2279	Extinguished / Éteinte	31/08/2009	3
A-18	636.200	TX1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M831	Extinguished / Éteinte	25/04/2012	3
A-18	636.200	TX1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2747	Off Position / Hors Position	22/11/2012	3
A-18	5633.011	TY4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M725	Extinguished / Éteinte	23/04/2013	3
A-18	5633.011	TY4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M939	Off Position / Hors Position	05/05/2009	3
A-18	5640.070	TQ16	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M822	Partially Submerged / Partiellement Submergée	18/04/2011	3
A-18	5640.100	TQ14	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1404	Off Position / Hors Position	31/05/2011	3
A-18	5645.075	TK7	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1747	Not Reliable / pas fiable	14/07/2009	3
A-18	5660.070	PU11	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1945	Off Position / Hors Position	27/07/2010	3
A-18	5660.090	PU16	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1946	Partially Submerged / Partiellement Submergée	27/07/2010	3
A-18	5660.090	PU16	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1946	Off Position / Hors Position	27/07/2010	3
A-18	5660.100	PT1	0.6m espar plate (longue)	0.6m spar Can (Long)	M45	Off Position / Hors Position	04/01/2012	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-18	633.020	TY5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M25	Off Position / Hors Position	05/01/2013	3
A-18	633.020	TY5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2683	Off Position / Hors Position	25/09/2010	3
A-18	633.020	TY5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2683	Extinguished / Éteinte	25/09/2010	3
A-18	633.020	TY5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1171	Partially Submerged / Partiellement Submergée	12/05/2010	3
A-18	626.900	V1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2780	Extinguished / Éteinte	06/12/2013	3
A-18	626.900	V1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1310	Extinguished / Éteinte	10/06/2012	3
A-18	626.900	V1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3369	Showing Improper Character / Caractéristiques Inexactes	05/12/2011	3
A-18	626.900	V1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2426	Off Position / Hors Position	23/08/2011	3
A-18	646.400	TH4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M564	Extinguished / Éteinte	04/04/2012	2
A-18	646.400	TH4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M395	Off Position / Hors Position	07/03/2012	2
A-18	646.200	TH2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M967	Partially Submerged / Partiellement Submergée	15/05/2013	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-18	643.000	TP2	Eastern Head light buoy TP2	4233	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.10	45º 10' .8"	61º 26' 14.4"	1500	lb	Serrated	27	20	Chain	2016	3	3
A-18	646.200	TH2	Torbay French Rock light buoy TH2	4233	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	15.20	45º 11' 14.2"	61º 16' 47"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-18	646.300	TH3	Torbay Ledges light buoy TH3	4233	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	22.00	45º 11' 37"	61º 17' 21"	2500	lb	Serrated	54.8	26	Chain	2016	3	2
A-18	646.400	TH4	Torbay Ledges light buoy TH4	4233	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	12.80	45º 11' 44.6"	61º 17' 13.7"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-18	646.700	TH7	Webber Shoal light buoy TH7	4233(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	16.40	45º 12' 40.3"	61º 19' 28.3"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-18	646.800	TH9	Larrys River light buoy TH9	4233	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.60	45º 12' 54.6"	61º 22' 2.7"	1750	lb	Serrated	9.1	To Be Fixed	Chain	2016	3	2
A-18	648.100	TN	Charlos Harbour light buoy TN	4233	Night	0.6m SB 60 Spar Can PI		Plastic	Red-white	Year Round	14.60	45º 14' 22.5"	61º 18' 45.5"	2200	lb	Serrated	36.5	To Be Fixed	Chain	2016	3	2
A-18	5645.020	TH4/2	Currys Breaker red spar buoy TH4/2	4233(I)	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	12.80	45º 12' 14.5"	61º 17' 39.4"	2500	lb	Concrete	27.4	20	Chain	2015	3	3
A-18	5645.030	TE2	Seal Rocks red spar buoy TE2	4233(I)	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	18.10	45º 13' 36.4"	61º 17' 27.6"	2500	lb	Serrated	18.2	28	Chain	2015	3	3
A-18	5645.040	TE3	The Sisters green spar buoy TE3	4233(I)	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	10.90	45º 15' 1.26"	61º 17' 19.32"	2500	lb	Concrete	18.2	20	Chain	2017	3	3
A-18	5645.060	TN1	Charlos Cove green spar buoy TN1	4233(I)	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	18.30	45º 13' 20.4"	61º 18' 25.4"	2500	lb	Concrete	27.4	20	Chain	2015	3	3
A-18	5645.070	TE4	Cole Harbour Outer red spar buoy TE4	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	4.30	45º 15' 15.3"	61º 17' 11.9"	500	lb	Concrete	18.2	16	Chain	2015	3	3
A-18	5645.080	TE6	Cole Harbour Inner red spar buoy TE6	4233(I)	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	7.30	45º 15' 26.6"	61º 16' 58.5"	1000	lb	Concrete	18.2	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-18	5645.090	TH5	Torbay Flat Point green spar buoy TH5	4233(I)	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	11.80	45º 12' 13.8"	61º 18' 44.2"	2500	lb	Concrete	27.4	20	Chain	2015	3	3
A-18	5645.110	TH8	Larry's Reef red spar buoy TH8	4233(I)	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	10.90	45º 12' 59"	61º 20' 34.1"	2500	lb	Concrete	18.6	20	Chain	2015	3	3
A-18	5645.120	TJ1	Larry's Reef green spar buoy TJ1	4233(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	6.40	45º 13' 22.2"	61º 20' 33.8"	1000	lb	Concrete	18.2	16	Chain	2015	3	3
A-18	5645.140	TD	Seal Rocks North Cardinal spar buoy TD	4233(I)	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow	Seasonal (in place year round)	9.10	45º 14' 9"	61º 16' 56.2"	2500	lb	Concrete	18.2	20	Chain	2015	3	3
A-18	5648.010	TN3	Forster Island green spar buoy TN3	4233(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	3.60	45º 14' 21.9"	61º 19' 12.5"	2500	lb	Concrete	9.1	20	Chain	2015	3	3
A-18	5648.020	TN5	Charlos Cove green spar buoy TN5	4233(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	1.50	45º 14' 31.9"	61º 19' 38.9"	500	lb	Concrete	6	16	Chain	2015	3	3
A-18	5648.030	TN6	Charlos Cove red spar buoy TN6	4233(I)	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	1.80	45º 14' 36.66"	61º 19' 44.94"	1000	lb	Concrete	9.1	16	Chain	2015	3	3
A-18	5655.010	TA2	SW Flying Point Shoals Red Spar TA2	4233	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	8.00	45º 11' 53"	61º 12' 23.3"	2500	lb	Concrete	27.4	28	Chain	2017	3	3
A-18	5655.015	TA12	Port Felix TA12	4233	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	10.60	45º 13' 46.2"	61º 12' 57.2"	200	lb	Concrete	15.2	16	Rope	2015	1	3
A-18	5655.020	TA6	NW Flying Point Shoals Red Spar TA6	4233	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	14.60	45º 12' 48.7"	61º 12' 51.7"	2500	lb	Concrete	27.4	To Be Fixed	Chain	2017	3	3
A-18	5655.025	TA15	Port Felix TA15	4233	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45º 13' 56.6"	61º 12' 58.5"	200	lb	Concrete	13.4	16	Rope	2015	1	3
A-18	5655.030	TA8	Port Felix Red Spar TA8	4233	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	18.20	45º 13' 14.6"	61º 12' 54.7"	2500	lb	Concrete	27.4	To Be Fixed	Chain	2017	3	3
A-18	5655.035	TA18	Port Felix TA18	4233	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	45º 14' 11.2"	61º 12' 50.4"	200	lb	Concrete	9.1	16	Rope	2015	1	3
A-18	5655.040	TA9	Port Felix Green Spar TA9	4233	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.90	45º 13' 22.3"	61º 13' 16"	2500	lb	Concrete	18.2	To Be Fixed	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-18	5655.045	TC4	Port Felix TC4	4233	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.10	45º 13' 44.5"	61º 13' 55.8"	200	lb	Concrete	18.2	16	Rope	2015	1	3
A-18	5655.050	TC8	Port Felix TC8	4233	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.70	45º 14' 19.1"	61º 14' 6.1"	200	lb	Concrete	10.3	16	Rope	2015	1	3
A-18	5655.060	TC9	Port Felix TC9	4233	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.50	45º 14' 30.8"	61º 13' 50"	200	lb	Concrete	12.1	16	Rope	2015	1	3
A-18	5655.070	TC11	Port Felix TC11	4233	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.90	45º 14' 42.5"	61º 13' 36.2"	200	lb	Concrete	4.8	16	Rope	2015	1	3
A-18	656.600	PU15	Whitehaven Harbour light buoy PU15	4233(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	7.30	45º 14' 4.3"	61º 10' 41.5"	2500	lb	Concrete	18.3	20	Chain	2016	3	2
A-18	657.500	PU5	Gammon Islands light buoy PU5	4233(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	16.40	45º 12' 8"	61º 8' 35.8"	1500	lb	Serrated	27.4	32	Rope	2016	3	2
A-18	5660.050	PU8	Turtle Rock red spar buoy PU8	4233(I)	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	17.30	45º 12' 27"	61º 9' 4.8"	2500	lb	Concrete	27.4	20	Chain	2015	3	3
A-18	5660.060	PX6	Gull Ledge red spar buoy PX6	4233(I)	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	45º 12' 21.4"	61º 10' 27.3"	1000	lb	Concrete	9.1	14	Chain	2015	3	3
A-18	5660.070	PU11	Doliver Island green spar buoy PU11	4233(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.90	45º 13' 9"	61º 10' 8.9"	1000	lb	Concrete	20	14	Chain	2015	3	3
A-18	5660.080	PU12	Yankee Island red spar buoy PU12	4233(I)	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	18.20	45º 13' 27.1"	61º 10' 8.3"	1000	lb	Concrete	27.4	14	Chain	2015	3	3
A-18	5660.090	PU16	Kelp Shoal red spar buoy PU16	4233(I)	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	45º 14' 6.2"	61º 10' 38.2"	1000	lb	Concrete	9.1	14	Chain	2015	3	3
A-18	5660.100	PT1	East Bull green spar buoy PT1	4233(I)	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	12.80	45º 11' 32.2"	61º 7' 17.7"	600	kg	Serrated	27.4	To Be Fixed	Chain	2015	3	3
A-18	5660.110	PT3	Middle Rock green spar buoy PT3	4233(I)	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.90	45º 12' 1.9"	61º 7' 27.3"	2500	lb	Concrete	30	20	Chain	2015	3	3
Buoys included in contract from July 2016																						
A-18	626.100	VC1	Mouton Harbour outer channel light buoy VC1	4234(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	4.20	45º 5' 34.26"	61º 42' 53.7"	1500	lb	Serrated	9.1	20	Chain	2016	3	3
A-18	626.200	VC2	Mouton Harbour outer channel light buoy VC2	4234(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	4.80	45º 5' 34.5"	61º 42' 56"	1500	lb	Serrated	9.1	20	Chain	2016	3	3
A-18	626.300	VC3	Mouton Harbour outer channel light buoy VC3	4234(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	4.90	45º 5' 33.6"	61º 43' .42"	1500	lb	Serrated	9.1	20	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-18	626.400	VC4	Mouton Harbour inner channel light buoy VC4	4234(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	4.60	45º 5' 34.68"	61º 43' 14.22"	1500	lb	Serrated	9.1	20	Chain	2016	3	3
A-18	626.600	VC5	Mouton Harbour inner channel light buoy VC5	4234(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	4.90	45º 5' 34.44"	61º 43' 15.78"	1500	lb	Serrated	9.1	20	Chain	2016	3	3
A-18	626.700	VC7	Mouton Harbour inner channel light buoy VC7	4234(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	2.50	45º 5' 37.92"	61º 43' 26.04"	1500	lb	Serrated	5.4	20	Chain	2016	3	3
A-18	626.900	V1	Bickerton Island light buoy V1	4234(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	9.90	45º 5' 2"	61º 42' 4"	1500	lb	Serrated	18.2	20	Chain	2016	3	3
A-18	627.100	VCC	Bickerton East port bifurcation light buoy VCC	4234(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green-red-green	Seasonal (in place year round)	9.20	45º 5' 36.2"	61º 42' 33"	1500	lb	Serrated	18.2	20	Chain	2016	3	3
A-18	627.500	V3	Bickerton East outer light buoy V3	4234(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	4.60	45º 5' 42.72"	61º 42' 38.28"	1500	lb	Serrated	9.1	20	Chain	2016	3	3
A-18	628.100	V4	Bickerton East middle light buoy V4	4234(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	5.50	45º 5' 55.9"	61º 43' 3.9"	1500	lb	Serrated	13.7	20	Chain	2016	3	3
A-18	628.500	V6	Bickerton East inner light buoy V6	4234(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	2.40	45º 6' 12.2"	61º 43' 22.1"	1500	lb	Serrated	5.4	20	Chain	2016	3	3
A-18	633.020	TY5	Bull Rock light buoy TY5	4234	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	11.10	45º 5' 11"	61º 38' 32.5"	2500	lb	Concrete	18.2	20	Chain	2016	3	3
A-18	636.040	TT7	Isaac's Harbour light buoy TT7	4234	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	12.10	45º 9' 34"	61º 39' 20"	1500	lb	Serrated	18.2	20	Chain	2016	3	3
A-18	636.100	TT10	Avondale Reef light buoy TT10	4234	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	7.60	45º 9' 43"	61º 39' 2"	1000	lb	Concrete	12.8	20	Chain	2016	3	3
A-18	636.200	TX1	Middle Ground light buoy TX1	4234	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	20.10	45º 7' 32"	61º 35' 21"	1200	lb	Serrated	54.8	20	Chain	2016	3	3
A-18	645.600	TK1	Larry's River light buoy TK1	4233(I)	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	5.70	45º 11' 54.15"	61º 21' 7.135"	500	lb	Concrete	3	16	Rope	2016	3	2
A-18	5626.010	VC8	Mouton Harbour Basin Spar VC8	4234(I)	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.20	45º 5' 43.5"	61º 43' 35.5"	500	lb	Concrete	9.1	16	Chain	2016	3	3
A-18	5628.600	V7	Bickerton East Inner Buoy V7	4234(I)	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	3.40	45º 6' 13.92"	61º 43' 23.58"	1500	lb	Serrated	5.4	20	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-18	5633.011	TY4	Rose Shoal Spar TY4	4234	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.20	45º 5' 4"	61º 37' 57"	2500	lb	Concrete	18.2	20	Chain	2016	3	3
A-18	5633.030	TU4	Stone Rock Spar TU4	4234	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	23.70	45º 5' 50"	61º 37' 50"	2500	lb	Concrete	54.8	20	Chain	2016	3	3
A-18	5633.040	TU6	Black Ledge Spar TU6	4234	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	16.50	45º 6' 24"	61º 38' 16"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-18	5636.010	TS13	Drum Head South buoy TS13	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	13.70	45º 8' 36"	61º 36' 49"	500	lb	Concrete	16.7	10	Chain	2016	3	3
A-18	5636.020	TS14	Drum Head South buoy TS14	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.10	45º 8' 40"	61º 36' 42"	500	lb	Concrete	12.1	14	Chain	2016	3	3
A-18	5636.030	TT6	Outer Isaac's Harbour buoy TT6	4234	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	12.80	45º 8' 50"	61º 38' 0"	400	lb	Concrete	18.2	10	Chain	2016	3	3
A-18	5636.060	TT11	Sinclairs Ledge Can TT11	4234	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.30	45º 10' 38"	61º 39' 14"	200	lb	Concrete	10.6	14	Chain	2016	3	3
A-18	5640.010	TQ5	Coddles Harbour buoy TQ5	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.80	45º 9' 5.5"	61º 30' 37.7"	500	lb	Concrete	27.7	16	Chain	2016	3	3
A-18	5640.020	TQ7	Coddles Harbour buoy TQ7	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.10	45º 9' 19.5"	61º 30' 52.5"	500	lb	Concrete	18.2	16	Chain	2016	3	3
A-18	5640.030	TQ8	Coddles Harbour buoy TQ8	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.90	45º 9' 21"	61º 30' 48.5"	500	lb	Concrete	18.2	16	Chain	2016	3	3
A-18	5640.040	TQ9	Coddles Harbour buoy TQ9	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	45º 9' 24"	61º 31' 1"	500	lb	Concrete	18.2	16	Chain	2016	3	3
A-18	5640.050	TQ11	Coddles Harbour buoy TQ11	4233	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45º 9' 26"	61º 31' 8"	200	lb	Concrete	14.6	14	Chain	2016	3	3
A-18	5640.060	TQ13	Coddles Harbour buoy TQ13	4233	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.40	45º 9' 31.5"	61º 31' 34"	200	lb	Concrete	13.4	14	Chain	2016	3	3
A-18	5640.070	TQ16	Coddles Harbour buoy TQ16	4233	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.20	45º 9' 34.5"	61º 31' 46"	200	lb	Concrete	12.1	14	Chain	2016	3	3
A-18	5640.080	TQ18	Coddles Harbour buoy TQ18	4233	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	45º 9' 34.5"	61º 32' 3.5"	200	lb	Concrete	7.3	14	Chain	2016	3	3
A-18	5640.090	TQ19	Coddles Harbour buoy TQ19	4233	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 9' 34.5"	61º 32' 6"	200	lb	Concrete	7.3	14	Chain	2016	3	3
A-18	5640.100	TQ14	Coddles Harbour TQ14	4233	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	45º 9' 31"	61º 31' 31"	200	lb	Concrete	3.6	14	Chain	2016	3	3
A-18	5640.110	TQ21	Coddles Harbour buoy TQ21	4233	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	45º 9' 50"	61º 32' 16"	200	lb	Concrete	3.6	14	Chain	2016	3	3
A-18	5640.120	TS7	Coddles Harbour buoy TS7	4233	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	14.60	45º 8' 13.7"	61º 32' 18.9"	200	lb	Concrete	18.2	10	Chain	2016	3	3
A-18	5640.130	TS10	Graham Shoal buoy TS10	4233	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.70	45º 8' 45.5"	61º 34' 18.1"	200	lb	Concrete	10.6	14	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-18	5640.160	TH13	Larry's River TH13	4233(I)	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0º 0' 0"	0º 0' 0"	100	lb	Concrete	4.5	14	Chain	2015	3	3
A-18	5640.170	THB	Little Ledge East Cardinal Buoy THB	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow-black	Seasonal (in place year round)	3.60	45º 12' 45"	61º 22' .6"	100	lb	Concrete	6	14	Chain	2015	3	3
A-18	5645.015	TJ4	Larry's River TJ4	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	6.00	45º 13' 8.2"	61º 21' 31"	500	lb	Concrete	9.1	14	Chain	2015	3	3
A-18	5645.035	TK3	Larry's River TK3	4233(I)	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0º 0' 0"	0º 0' 0"	80	lb	Concrete	6	16	Rope	2015	1	3
A-18	5645.045	TK4	Larry's River TK4	4233(I)	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	0º 0' 0"	0º 0' 0"	80	lb	Concrete	6	16	Rope	2015	1	3
A-18	5645.055	TK5	Larry's River TK5	4233(I)	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	4.5	14	Chain	2015	3	3
A-18	5645.065	TK6	Larry's River TK6	4233(I)	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0º 0' 0"	0º 0' 0"	100	lb	Concrete	4.5	16	Rope	2015	1	3
A-18	5645.075	TK7	Larry's River TK7	4233(I)	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	0º 0' 0"	0º 0' 0"	100	lb	Concrete	4.5	14	Chain	2015	3	3
A-18	5645.084	TK9	Webber Cove green can buoy TK9	4233	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	45º 11' 37.32"	61º 21' 17.76"	200	lb	Concrete	3	16	Rope	2015	1	3
A-18	5645.085	TK10	Larry's River TK10	4233(I)	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0º 0' 0"	0º 0' 0"	100	lb	Concrete	3	14	Chain	2015	3	3

Contract Area name:	Dover to Guysborough
Contract Area no.:	A-19
Province(s):	Nova Scotia
Contract Area Description:	Includes the area from Dover to Guysborough
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Dartmouth
Commissioning date:	April 25th
Decommissioning date:	December 25th
Total no. of buoys:	69
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	1134
Maximum buoy weight (kg) :	637
Maximum water depth (m) :	24.6
Operational Season:	April 25th to December 25th
Overview of work activities:	65 of the buoys are 'year round' and 4 of the buoys are 'seasonal'. 19 buoys have removable lanterns; At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. The work also includes planned cyclical mooring replacement every 2, 3 or 5 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.

Contract Area name:	Dover to Guysborough
Contract Area no.:	A-19

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 3 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>			
		Last option				
Name	No. of buoys	expiry year				
Guysborough	4	2015				
St. Andrews Passage / Dover	38	2015				
Canso Harbour	27	2015				
Total, 2015:	69					

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-19	5664.010	PP4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1145/10	Submerged / Submergée	10/05/2010	3
A-19	5664.010	PP4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1074	Off Position / Hors Position	12/05/2009	3
A-19	675.100	PC14	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2203	Extinguished / Éteinte	17/09/2013	1
A-19	670.500	PJ6	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2193	Damaged / Endommagée	16/09/2013	3
A-19	670.500	PJ6	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2904	Extinguished / Éteinte	19/10/2010	3
A-19	671.000	PJ12	0.6m espar conique (Short)	0.6m spar Conical (Short)	M3116	Extinguished / Éteinte	17/11/2010	3
A-19	680.200	PC6	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M574	Off Position / Hors Position	26/03/2010	3
A-19	5681.060	PC12	0.6m espar conique (longue)	0.6m spar Conical (Long)	M1602	Off Position / Hors Position	15/07/2013	3
A-19	5682.040	PH9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M405	Off Position / Hors Position	03/03/2013	3
A-19	5683.200	CQ4	0.75m SB 105 conique	0.75m SB 105 Conical	M1845	Off Position / Hors Position	20/07/2010	3
A-19	5684.030	CQ7	0.75m SB 105 plate	0.75m SB 105 Can	M392	Off Position / Hors Position	23/02/2010	3
A-19	5664.020	PP6	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1075	Off Position / Hors Position	12/05/2009	3
A-19	5664.050	PV1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M622	Off Position / Hors Position	10/04/2013	3
A-19	5664.050	PV1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1046	Off Position / Hors Position	11/05/2009	3
A-19	5664.070	PN7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1961	Partially Submerged / Partiellement Submergée	28/07/2010	3
A-19	5664.080	PN8	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1979	Partially Submerged / Partiellement Submergée	07/08/2009	3
A-19	5664.120	PN16	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1019	Off Position / Hors Position	07/05/2012	3
A-19	5664.120	PN16	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1898	Off Position / Hors Position	22/07/2010	3
A-19	5664.005	PN2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1433	Submerged / Submergée	22/06/2012	3
A-19	662.900	PQ11	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M979	Extinguished / Éteinte	16/05/2013	2
A-19	662.910	PQ12	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M980	Extinguished / Éteinte	16/05/2013	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-19	667.015	PK2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2464	Extinguished / Éteinte	15/10/2013	2
A-19	667.015	PK2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1379	Off Position / Hors Position	21/06/2013	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-19	662.200	PQ6	Dover Bay light buoy PQ6	4233	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	6.00	45º 16' 26.18"	61º 1' 3.03"	1500	lb	Serrated	18	20	Chain	2016	3	2
A-19	662.900	PQ11	Dover Harbour light buoy PQ11	4233	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	45º 16' 50.52"	61º 1' 34.04"	500	lb	Concrete	9.1	16	Chain	2016	3	2
A-19	662.910	PQ12	Dover Harbour light buoy PQ12	4233	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round		45º 16' 51.667"	61º 1' 34.919"	500	lb	Concrete	9	To Be Fixed	Chain	2016	3	2
A-19	662.940	PQ15	Dover Harbour light buoy PQ15	4233	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.30	45º 17' 13.92"	61º 2' 9.06"	500	lb	Concrete	12	14	Chain	2016	3	2
A-19	664.030	PP7	Little Dover Run Lighted Buoy PP7	4233	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	8.00	45º 16' 8.5"	60º 59' 2.01"	1320	lb	Serrated	18	20	Chain	2016	3	2
A-19	664.032	PP11	Little Dover Run Lighted Buoy PP11	4233	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Year Round	12.00	45º 16' 19.194"	60º 59' 21.965"	500	lb	Concrete	21	To Be Fixed	Chain	2016	3	2
A-19	664.034	PP15	Little Dover Run Lighted Buoy PP15	4233	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	45º 16' 25.932"	60º 59' 36.6"	500	lb	Concrete	10	To Be Fixed	Chain	2016	3	2
A-19	664.035	PP22	Little Dover Run Lighted Buoy PP22	4233	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	5.30	45º 16' 39.424"	61º 0' 15.136"	1320	lb	Serrated	11	20	Chain	2016	3	2
A-19	664.037	PP25	Little Dover Run Lighted Buoy PP25	4233	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	8.30	45º 16' 52.41"	61º 0' 44.33"	500	lb	Concrete	18	14	Chain	2016	3	2
A-19	664.038	PP26	Little Dover Run Lighted Buoy PP26	4233	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.70	45º 17' 13.488"	61º 1' 28.149"	500	lb	Concrete	10	To Be Fixed	Chain	2016	3	2
A-19	664.039	PP29	Little Dover Run Lighted Buoy PP29	4233	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	12.00	45º 17' 22.06"	61º 1' 50.667"	1320	lb	Serrated	27	20	Chain	2016	3	2
A-19	683.100	CQ2	Guysborough Harbour light buoy CQ2	4335	Night	1.5m Discus	215	Aluminum	Red	Seasonal	4.30	45º 22' 33.2"	61º 29' 13.3"	1500	lb	Concrete	13	20	Chain	2016	3	3
A-19	684.020	CQ5	Guysborough Harbour light buoy CQ5	4335	Night	0.75m SB 105 Can	52	Plastic	Green	Seasonal	10.90	45º 22' 55.26"	61º 29' 20.34"	1000	lb	Concrete	27.4	14	Chain	2016	3	3
A-19	5662.034	PQ14	Dover Harbour spar buoy PQ14	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round		45º 16' 54.823"	61º 1' 43.164"	500	lb	Concrete	9	To Be Fixed	Chain	2016	3	3
A-19	5662.040	PS1	Dover Bay spar buoy PS1	4233	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	8.90	45º 16' 8.3"	61º 0' 30.8"	2500	lb	Concrete	27.4	20	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-19	5662.050	PS6	Dover Bay spar buoy PS6	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.10	45º 16' 32.638"	61º 0' 15.305"	500	lb	Concrete	9.1	16	Chain	2016	3	3
A-19	5662.055	PS	Little Dover Run North Cardinal Buoy PS	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow	Year Round	6.10	45º 16' 35.4"	61º 0' 13.877"	500	lb	Concrete	12	To Be Fixed	Chain	2017	3	3
A-19	5662.060	PP21	Little Dover Run Buoy PP21	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.40	45º 16' 38"	61º 0' 16"	500	lb	Concrete	14	To Be Fixed	Chain	2017	3	3
A-19	5662.063	PP23	Little Dover Run Buoy PP23	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.00	45º 16' 42.483"	61º 0' 23.29"	500	lb	Concrete	14	To Be Fixed	Chain	2017	3	3
A-19	5662.064	PP24	Little Dover Run Buoy PP24	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.90	45º 16' 42.819"	61º 0' 21.213"	500	lb	Concrete	15	To Be Fixed	Chain	2017	3	3
A-19	5662.067	PP27	Little Dover Run Buoy PP27	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.00	45º 17' 14.385"	61º 1' 32.249"	500	lb	Concrete	9	14	Chain	2017	3	3
A-19	5662.068	PP28	Little Dover Run Buoy PP28	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.20	45º 17' 18.358"	61º 1' 39"	500	lb	Concrete	10	To Be Fixed	Chain	2017	3	3
A-19	5662.690	PPC	Dover Harbour West Cardinal Buoy PPC	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black-yellow	Year Round	6.50	45º 17' 17.095"	61º 2' 13.839"	500	lb	Concrete	13	To Be Fixed	Chain	2017	3	3
A-19	5664.005	PN2	Black Island Buoy PN2	4233	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.00	45º 16' 39.12"	60º 58' 2.1"	1320	lb	Serrated	18	20	Chain	2017	3	3
A-19	5664.010	PP4	Little Dover Run spar buoy PP4	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.80	45º 16' 4"	60º 58' 12.5"	500	lb	Concrete	7.6	16	Rope	2016	3	3
A-19	5664.020	PP6	Little Dover Run spar buoy PP6	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	11.30	45º 16' 3.5"	60º 58' 47.3"	500	lb	Concrete	13.7	16	Rope	2016	3	3
A-19	5664.031	PP9	Little Dover Run Buoy PP9	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	8.90	45º 16' 14.994"	60º 59' 14.426"	500	lb	Concrete	16	14	Chain	2017	3	3
A-19	5664.033	PP13	Little Dover Run Buoy PP13	4233	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Year Round	5.20	45º 16' 22.4"	60º 59' 28.438"	500	lb	Concrete	10	14	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-19	5664.035	PP17	Little Dover Run Buoy PP17	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.80	45º 16' 30.217"	60º 59' 52.717"	500	lb	Concrete	12	14	Chain	2017	3	3
A-19	5664.036	PP19	Little Dover Run Buoy PP19	4233	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.50	45º 16' 34.622"	61º 0' 8.305"	500	lb	Concrete	13	14	Chain	2017	3	3
A-19	5664.050	PV1	Gannet Shoal spar buoy PV1	4233	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	18.20	45º 15' 39.6"	60º 57' 48.4"	2500	lb	Serrated	54.8	20	Chain	2017	3	3
A-19	5664.060	PN6	Negrowac Cove red spar buoy PN6	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	14.60	45º 17' 1.398"	60º 58' 29.521"	1000	lb	Concrete	18.2	16	Chain	2016	3	3
A-19	5664.070	PN7	Negrowac Cove green spar buoy PN7	4281	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	10.90	45º 17' 14.16"	60º 58' 20.82"	1000	lb	Concrete	18.2	16	Chain	2016	3	3
A-19	5664.080	PN8	Haulover Ledge red spar buoy PN8	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	9.40	45º 17' 28.92"	60º 58' 20.88"	1000	lb	Concrete	18	16	Chain	2016	3	3
A-19	5664.090	PN9	Haulover Ledge green spar buoy PN9	4281	Unlit	0.6m Spar Can (Short)	510	Steel	Green	Year Round	18.20	45º 17' 28.912"	60º 58' 26.862"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-19	5664.101	PN11	Britons Shoal Buoy PN11	4233	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	16.00	45º 17' 42.4"	60º 58' 22"	2200	lb	Serrated	27	20	Chain	2017	3	3
A-19	5664.102	PN12	Britons Shoal Buoy PN12	4233	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	16.00	45º 17' 42.4"	60º 58' 19.9"	2200	lb	Serrated	27	26	Chain	2017	3	3
A-19	5664.110	PN15	Charlotte Island green spar buoy PN15	4281	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.70	45º 18' 36.409"	60º 57' 59.965"	500	lb	Concrete	9.1	16	Chain	2016	3	3
A-19	5664.120	PN16	Barse Rock red spar buoy PN16	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.80	45º 18' 45.06"	60º 57' 52.5"	500	lb	Concrete	9.1	16	Chain	2016	3	3
A-19	5664.140	PN18	Barse Point Buoy PN18	4233	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.50	45º 18' 50"	60º 57' 39.5"	500	lb	Concrete	9	To Be Fixed	Chain	2017	3	3
A-19	5683.200	CQ4	Guysborough Harbour buoy CQ4	4335	Unlit	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	4.30	45º 22' 36.6"	61º 29' 22.2"	1000	lb	Concrete	13	20	Chain	2017	3	3
A-19	5684.030	CQ7	Guysborough Harbour can buoy CQ7	4335	Unlit	0.75m SB 105 Can	52	Plastic	Green	Seasonal	4.30	45º 23' 26.1"	61º 29' 42"	1000	lb	Concrete	12.8	20	Chain	2017	3	3
A-19	667.015	PK2	Pink Rock Light Buoy PK2	4281	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	18.20	45º 19' 4.31"	60º 55' 35.659"	2500	lb	Stone	36.5	20	Chain	2016	3	2
A-19	670.500	PJ6	Pas Reef light buoy PJ6	4281	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	10.00	45º 20' 2.742"	60º 56' 56.505"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-19	671.000	PJ12	Grassy Island light buoy PJ12	4281	Night	0.6m Spar Conical (Short)	510	Steel	Red	Year Round	18.20	45º 19' 58.309"	60º 58' 10.659"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-19	675.100	PC14	Canso Harbour Turn Light Buoy PC14	4281	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round		45º 20' 19.44"	60º 59' 8.46"	2500	lb	Stone	18.2	20	Chain	2016	3	1

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-19	680.200	PC6	Hart Island light buoy PC6	4281	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	24.60	45° 20' 45.71"	60° 59' 28.159"	2500	lb	Concrete	45.7	20	Chain	2016	3	3
A-19	680.500	PC5	Piscataqui Island light buoy PC5	4281	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	14.60	45° 20' 53.814"	60° 59' 27.76"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-19	5667.000	PK1	Cape Breaker Spar Buoy PK1	4281	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	14.60	45° 18' 13.31"	60° 54' 41.662"	2500	lb	Stone	40	20	Chain	2016	3	3
A-19	5667.020	PM7	Glasgow Head Shoal Green Spar PM7	4281	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	9.30	45° 19' 0"	60° 57' 6"	2500	lb	Concrete	18.2	28	Chain	2016	3	3
A-19	5667.030	PM9	Glasgow Head Green Spar PM9	4281	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	8.90	45° 19' 14.611"	60° 57' 18.16"	2500	lb	Concrete	18.2	28	Chain	2016	3	3
A-19	5667.040	PM10	Boots Bank Red Spar PM10	4281	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	7.30	45° 19' 26.811"	60° 57' 14.66"	2500	lb	Concrete	18.2	28	Chain	2016	3	3
A-19	5667.050	PM11	South Shoal Green Spar PM11	4281	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	5.40	45° 19' 47.809"	60° 58' 8.86"	2500	lb	Concrete	9.1	20	Chain	2016	3	3
A-19	5670.020	PJ10	Grassy Reef Red Spar PJ10	4281	Unlit	0.6m Spar Conical (Short)	510	Steel	Red	Year Round	5.40	45° 19' 59.242"	60° 57' 56.815"	2500	lb	Concrete	18.2	28	Chain	2016	3	3
A-19	5670.022	PJ14	Grassy Island West Red Spar Buoy PJ14	4281	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round		45° 20' 12.3"	60° 58' 46.56"	2500	lb	Concrete	54	20	Chain	2015	3	2
A-19	5670.032	PJA	Starling Rock West Cardinal Buoy PJA	4281	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black-yellow	Year Round		45° 20' 20"	60° 59' 4.8"	2500	lb	Concrete	18	26	Chain	2015	3	2
A-19	5679.011	PKA	Mackerel Rock East Buoy PKA	4281	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Year Round		45° 19' 50.76"	60° 57' 28.62"	800	lb	Serrated	27	20	Chain	0	3	2
A-19	5681.030	PH10	Canso Harbour Spar Buoy PH10	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.40	45° 20' 28.62"	60° 59' 41.64"	1000	lb	Concrete	9.1	16	Chain	2016	3	3
A-19	5681.050	PC3	Bald Reef Spar PC3	4281	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.90	45° 21' 9.808"	60° 59' 31.659"	2500	lb	Concrete	27.4	28	Chain	2016	3	3
A-19	5681.060	PC12	Hart Island Spar PC12	4281	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	6.40	45° 20' 24.185"	60° 59' 10.732"	1000	lb	Concrete	9.1	28	Chain	2016	3	3
A-19	5681.080	PC18	Canso Harbour Spar PC18	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.10	45° 20' 22.314"	60° 59' 36.768"	1000	lb	Concrete	9.1	16	Chain	2016	3	3
A-19	5681.090	PH12	Canso Harbour Spar PH12	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.50	45° 20' 25.311"	60° 59' 42.059"	1000	lb	Concrete	9.1	16	Chain	2016	3	3
A-19	5681.110	PH14	Canso Harbour Spar PH14	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.70	45° 20' 23"	60° 59' 48.498"	1000	lb	Concrete	9.1	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-19	5681.120	PH16	Tickle Channel East Red Spar PH16	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round		45º 20' 22.8"	60º 59' 52.2"	500	lb	Concrete	6	20	Chain	0	3	2
A-19	5682.010	PH1	Net Rock Green Spar PH1	4281	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	15.20	45º 21' 12.236"	61º 0' 6.052"	2500	lb	Concrete	27.4	28	Chain	2016	3	3
A-19	5682.020	PH3	Whitman Rock Green Spar PH3	4281	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	14.60	45º 21' 1.122"	60º 59' 49.583"	2500	lb	Concrete	27.4	28	Chain	2016	3	3
A-19	5682.026	PH6	Durell Island East Islet Red Spar Buoy PH6	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round		45º 20' 48.78"	60º 59' 42.36"	500	lb	Concrete	27	20	Chain	0	3	2
A-19	5682.030	PH8	False Passage Ledge Spar PH8	4281	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	1.80	45º 20' 39.308"	60º 59' 44.061"	1000	lb	Concrete	9.1	16	Chain	2016	3	3
A-19	5682.040	PH9	False Passage Ledge PH9	4281	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	45º 20' 36.51"	60º 59' 41.863"	1000	lb	Concrete	9.1	16	Chain	2016	3	3

Contract Area name:	Canso Causeway to L'Archevesque		
Contract Area no.:	A-20		
Province(s):	Nova Scotia		
Contract Area Description:	Includes the area from Canso Causeway to L'Archevesque		
Material Transportation & Storage	Material storage by: Contractor	Material Transportation by: Canadian Coast Guard	
Coast Guard Depot:	Off season lantern storage by: Contractor Dartmouth		
Commissioning date:	April 25th		
Decommissioning date:	December 25th		
Total no. of buoys:	122		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	80		
Operational Season:	April 25th to December 25th		
Overview of work activities:	<p>47 of the buoys are 'year round' , 9 of the buoys are 'Seasonal (in place year round) and 66 of the buoys are 'seasonal'. 27 buoys have removable lanterns. 4 of the buoys are replaced with winter spars.</p> <p>At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers.</p> <p>Decommissioning work includes removal of lanterns and replacement of summer buoys with winter spars.</p> <p>For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment.</p> <p>The work also includes planned cyclical mooring replacement every 3 or 5 years; refer to detailed buoy data for schedule of next replacement.</p> <p>This work is for for year round buoys only.</p> <p>Unscheduled work includes response to discrepancies during the operational season.</p>		
Comment:	<p>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule</p> <p>This area includes 4 stakes in addition to the 122 buoys</p>		

Contract Area name:	Canso Causeway to L'Archevesque
Contract Area no.:	A-20

Comments:	
Bourgeois Inlet	Local Knowledge is required when placing, lifting & maintaining buoys in this area (no Lat/Long).
Chedabucto Bay	If ice conditions in the area cause a threat, lanterns are to be removed from all lighted buoys & replaced when ice is no longer a threat.
Chapel Cove	Local Knowledge is required when placing, lifting & maintaining 5 of the 6 buoys in this area (no Lat./Long provided)
Inhabitants Bay	4 Stakes Mark the Course of the Channel (counted as 1 aid).
Petit de Grat	Buoy CJ2-Light to be removed for winter at the end of the navigation season and placed on buoy in Spring; buoy is year-round except for lantern.

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 9 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT</u>			<u>NEW CONTRACT</u>
Name	No. of buoys	Last option expiry year	
Bourgeois Inlet	6	2015	
Chapel Cove	6	2015	
L'Archeveque	6	2015	
Inhabitants Bay (9 buoys and 4 stakes)	9	2015	
Isle Madame	50	2015	
Little Harbour	1	2015	
Petit de Gras	23	2015	
<i>Total, 2015:</i>	<u>101</u>		<u>2015: 101 buoys</u>
Chedebucto Bay	8	2016	
St. Peter's Bay	13	2017**	
<i>Total, 2016:</i>	<u>21</u>		<u>2016 to 2019 (or 2020 if option year exercised): 122</u>

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-20	717.000	CJ9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1177	Extinguished / Éteinte	02/06/2013	3
A-20	688.200	C18	1.4m Bouée	1.4m Buoy	M701	Extinguished / Éteinte	21/04/2013	2
A-20	688.500	C21	1.4m Bouée	1.4m Buoy	M2648	Extinguished / Éteinte	11/11/2013	2
A-20	695.000	C26	1.4m Bouée	1.4m Buoy	M863	Extinguished / Éteinte	03/05/2009	2
A-20	695.000	C26	1.4m Bouée	1.4m Buoy	M221	Extinguished / Éteinte	26/01/2009	2
A-20	696.500	CL4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M354	Extinguished / Éteinte	24/02/2013	2
A-20	699.000	C28	1.4m Bouée	1.4m Buoy	M1119	Extinguished / Éteinte	17/05/2012	2
A-20	699.000	C28	1.4m Bouée	1.4m Buoy	M2044	Off Position / Hors Position	08/08/2010	2
A-20	730.500	NT12	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1890	Extinguished / Éteinte	13/08/2013	2
A-20	730.500	NT12	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1001	Extinguished / Éteinte	29/04/2010	2
A-20	5684.430	CK3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1013	Off Position / Hors Position	04/05/2011	3
A-20	5686.425	CK5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1117	Submerged / Submergée	14/05/2009	3
A-20	5712.060	CJ21	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2865	Off Position / Hors Position	10/12/2012	3
A-20	5727.025	NY5	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1353	Off Position / Hors Position	26/05/2011	3
A-20	5727.025	NY5	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1353	Off Position / Hors Position	26/05/2011	3
A-20	5727.025	NY5	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1258	Off Position / Hors Position	20/05/2011	3
A-20	5727.035	NY6	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1257	Off Position / Hors Position	20/05/2011	3
A-20	5727.130	NT13	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1472	Off Position / Hors Position	27/06/2012	3
A-20	5727.150	NT19	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1510	Off Position / Hors Position	08/06/2011	3
A-20	5727.240	NT41	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1000	Off Position / Hors Position	29/04/2010	3
A-20	5727.260	NT45	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1685	Off Position / Hors Position	22/07/2013	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-20	5727.350	NU2	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1578	Off Position / Hors Position	10/07/2012	3
A-20	5727.350	NU2	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2161	Off Position / Hors Position	31/08/2012	3
A-20	5727.360	NU3	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1210	Off Position / Hors Position	22/05/2009	3
A-20	728.500	NT1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1606	Off Position / Hors Position	12/07/2012	3
A-20	728.500	NT1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1591	Off Position / Hors Position	11/07/2012	3
A-20	728.500	NT1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1579	Off Position / Hors Position	10/07/2012	3
A-20	704.900	CN2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2476	Off Position / Hors Position	12/10/2012	3
A-20	689.100	CY	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M862	Extinguished / Éteinte	22/04/2011	3
A-20	689.100	CY	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M117	Submerged / Submergée	09/01/2009	3
A-20	689.100	CY	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M117	Extinguished / Éteinte	09/01/2009	3
A-20	689.100	CY	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3242	Extinguished / Éteinte	04/12/2008	3
A-20	704.940	CN6	GDI 0.9m conique	GDI 0.9m Conical	M2575	Extinguished / Éteinte	29/10/2013	3
A-20	704.940	CN6	GDI 0.9m conique	GDI 0.9m Conical	M2489	Off Position / Hors Position	15/10/2012	3
A-20	704.940	CN6	GDI 0.9m conique	GDI 0.9m Conical	M579	Off Position / Hors Position	04/04/2013	3
A-20	737.050	NN5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1254	Extinguished / Éteinte	20/05/2011	3

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-20	C17	688.1	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	340	26	54	Sealite Trident-1400	Cast-Iron/fonte	1134	26	36.6
A-20	C18	688.2	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	340	26	54	Sealite Trident-1400	Cast-Iron/fonte	1134	26	54
A-20	C21	688.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	340	26	36.6	Sealite Trident-1400	Cast-Iron/fonte	1134	26	36.6
A-20	C26	695	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	340	26	18	GDI 1.5m Skirt	Cast-Iron/fonte	1134	26	18
A-20	C28	699	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	340	26	45	Sealite Trident-1400	Cast-Iron/fonte	1134	26	36.6

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-20	5727.340	NU1	Bourgeois Inlet NU1	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.10	0° 0' 0"	0° 0' 0"	200	lb	Concrete	21.3	14	Rope	2015	1	3
A-20	5727.350	NU2	Bourgeois Inlet NU2	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	12.20	0° 0' 0"	0° 0' 0"	200	lb	Concrete	18.3	14	Rope	2015	1	3
A-20	5727.360	NU3	Bourgeois Inlet NU3	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.00	45° 37' 28"	60° 56' 56"	200	lb	Concrete	7.9	14	Rope	2015	1	3
A-20	5727.370	NU7	Bourgeois Inlet NU7	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	45° 37' 38"	60° 56' 54.5"	200	lb	Concrete	7.9	14	Rope	2015	1	3
A-20	5727.380	NU10	Bourgeois Inlet NU10	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	7.6	14	Rope	2015	1	3
A-20	5727.390	NU11	Bourgeois Inlet NU11	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.10	0° 0' 0"	0° 0' 0"	200	lb	Concrete	10	14	Rope	2015	1	3
A-20	737.050	NN5	Lower L'Ardoise light buoy NN5	4275	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	6.00	45° 35' 51.2"	60° 46' 15.37"	500	lb	Concrete	9.1	20	Chain	2016	3	3
A-20	739.000	NHA	Black Breaker Rock South Cardinal light NHA	4374	Night	0.6m Spar Can (Short)	510	Steel	Yellow-black	Seasonal (in place year round)	24.30	45° 35' 24.9"	60° 34' 48.24"	2500		Serrated	44.2	20	Chain	2016	3	3
A-20	741.010	NH3	L'Archeveque light buoy NH3	4374	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)		45° 37' 12.12"	60° 34' 21.36"	2500		Concrete	18.2	16	Chain	2016	3	3
A-20	741.030	NH6	L'Archeveque light buoy NH6	4374	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)		45° 37' 15.54"	60° 34' 24.78"	500		Concrete	18.2	16	Chain	2016	3	3
A-20	741.050	NH10	L'Archeveque light buoy NH10	4374	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)		45° 37' 27.6"	60° 34' 32.16"	1250		Serrated	7.3	16	Chain	2016	3	3
A-20	5738.015	NN9	Chapel Cove NN9	4275	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.20	0° 0' 0"	0° 0' 0"	200	lb	Concrete	12	14	Chain	2015	1	3
A-20	5738.025	NN11	Chapel Cove NN11	4275	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.90	0° 0' 0"	0° 0' 0"	200	lb	Concrete	12	14	Chain	2015	1	3
A-20	5738.030	NN13	Chapel Cove NN13	4275	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.90	0° 0' 0"	0° 0' 0"	200	lb	Concrete	12	14	Chain	2015	1	3
A-20	5738.040	NN15	Chapel Cove NN15	4275	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	12	14	Chain	2015	1	3
A-20	5738.050	NN16	Chapel Cove NN16	4275	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.80	45° 36' 14"	60° 46' 21"	200	lb	Concrete	12	14	Chain	2015	1	3
A-20	5741.020	NH5	L'Archeveque green spar buoy NH5	4374	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	5.20	45° 37' 15.3"	60° 34' 29.76"	2500	lb	Concrete	18.2	16	Chain	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-20	5741.040	NH8	L'Archeveque Red Spar BuoyNH8	4374	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	2.10	45° 37' 17.52"	60° 34' 30.84"	1250	lb	Serrated	7.3	16	Chain	2015	1	3
A-20	704.850	CK2	Hautfond Shoal light buoy CK2	4308	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	18.20	45° 28' .283"	61° 3' 21.61"	2500	lb	Serrated	54.8	20	Chain	2016	3	3
A-20	704.860	CM1	Picard Reef light buoy CM1	4307	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	19.50	45° 29' 58.38"	61° 5' 38.22"	1760	lb	Serrated	27	20	Chain	2016	3	3
A-20	704.861	CM2	Jerseyman Shoal light buoy CM2	4308	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	18.00	45° 29' 33.42"	61° 4' 43.38"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-20	704.864	CM5	Crid Passage light buoy CM5	4308	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	16.00	45° 30' 16.32"	61° 3' 46.44"	1760	lb	Serrated	27	20	Chain	2016	3	3
A-20	704.930	CN5	Crichton Head light buoy CN5	4308	Night	GDI 0.9m Can		Plastic	Green	Year Round	6.00	45° 30' 53.237"	61° 6' 40.629"	1760	lb	Serrated	9	20	Chain	2016	3	3
A-20	704.940	CN6	Crichton Head light buoy CN6	4308	Night	GDI 0.9m Conical		Plastic	Red	Year Round	3.60	45° 30' 53.472"	61° 6' 22.051"	1760	lb	Serrated	9	20	Chain	2016	3	3
A-20	712.000	CJ2	Arrow Point light buoy CJ2	4308	Night	0.6m Spar Conical (Short)	510	Steel	Red	Seasonal (in place year round)	8.50	45° 29' 5.177"	60° 58' 15.901"	2500	lb	Concrete	27.4	28	Chain	2016	3	3
A-20	716.000	CJ5	Mouse Island light buoy CJ5	4308	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	6.40	45° 29' 46.399"	60° 57' 49.804"	1500	lb	Serrated	9.1	20	Chain	2016	3	3
A-20	716.100	CJ6	Mouse Island light buoy CJ6	4308	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	5.50	45° 29' 46.26"	60° 57' 46.622"	1500	lb	Serrated	9.1	20	Chain	2016	3	3
A-20	717.000	CJ9	Petit-de-Grat Harbour light buoy CJ9	4308	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	5.40	45° 29' 55.179"	60° 57' 40.548"	1500	lb	Serrated	12.1	20	Chain	2016	3	3
A-20	720.000	CJ18	Marchant Ledge light buoy CJ18	4308	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	3.60	45° 30' 12.3"	60° 57' 41.7"	1500	lb	Serrated	9.1	20	Chain	2016	3	3
A-20	728.500	NT1	Cape Ronde Lt. Buoy NT1	4275	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	10.00	45° 34' 46.14"	60° 52' 57.78"	2500	lb	Concrete	18.2	20	Chain	2016	3	3
A-20	730.500	NT12	Goillon Reef light buoy NT12	4308	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	5.40	45° 36' 3.266"	60° 59' .625"	1500	lb	Serrated	27.4	20	Chain	2016	3	3
A-20	5684.430	CK3	Isle Madame CK3	4308	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	15.00	45° 29' 10.02"	61° 2' 58.74"	2500	lb	Concrete	36.4	20	Chain	2016	2	3
A-20	5686.415	CK4	Isle Madame CK4	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.60	45° 28' 56.259"	61° 2' 11.127"	200	lb	Concrete	18.2	16	Chain	2016	2	3
A-20	5686.421	CK	Henley Ledges South Cardinal CK	4308	Unlit	0.6m Spar Can (Long)	510	Steel	Yellow-black	Year Round	15.50	45° 28' 44.88"	61° 3' 55.56"	1760	lb	Serrated	27	20	Chain	2017	3	3
A-20	5686.425	CK5	Isle Madame CK5	4308	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	17.00	45° 29' 33.769"	61° 1' 50.372"	1500	lb	Serrated	36	20	Chain	2016	2	3
A-20	5686.430	CK7	Isle Madame CK7	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	14.60	45° 29' 56.763"	61° 1' 53.62"	200	lb	Concrete	21.3	16	Chain	2016	2	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-20	5686.440	CK8	Isle Madame CK8	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.00	45° 30' 10.272"	61° 1' 33.62"	200	lb	Concrete	16.8	16	Chain	2016	2	3
A-20	5686.450	CK12	Isle Madame CK12	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.50	45° 30' 24.261"	61° 1' 3.593"	200	lb	Concrete	14	14	Chain	2016	2	3
A-20	5687.410	CH10	Inhabitants Bay and Mousseliers Passage CH10	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.30	45° 33' 32.758"	61° 13' 57.613"	200	lb	Concrete	15.2	14	Chain	2016	2	3
A-20	5687.420	CH13	Inhabitants Bay and Mousseliers Passage CH13	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	45° 35' 4.499"	61° 14' 6.006"	200	lb	Concrete	10.7	14	Chain	2016	2	3
A-20	5687.430	CHA	Inhabitants Harbour Inner Cautionary Spar Buoy CHA	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Seasonal	5.50	45° 35' 44.16"	61° 10' 53.4"	500	lb	Concrete	10.9	16	Chain	2015	3	3
A-20	5704.863	CM4	Jerseyman Island Rock buoy CM4	4308	Unlit	0.6m Spar Can (Long)	510	Steel	Red	Year Round	10.00	45° 29' 53.7"	61° 4' 9.78"	1760	lb	Serrated	18	20	Chain	2017	3	3
A-20	5709.020	CN8	West Arichat Harbour Buoy CN8	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	8.20	45° 30' 53.286"	61° 6' .629"	200	lb	Concrete	15.2	16	Chain	2016	2	3
A-20	5709.030	CN9	West Arichat Harbour Spar CN9	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	45° 30' 52.262"	61° 5' 38.627"	500	lb	Concrete	9	To Be Fixed	Chain	2015	2	3
A-20	5709.040	CN11	West Arichat Harbour Spar CN11	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	45° 30' 45.262"	61° 5' 27.599"	500	lb	Concrete	10	To Be Fixed	Chain	2015	2	3
A-20	5709.050	CP1	Janvrin Harbour CP1	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45° 31' 16.296"	61° 8' 21.631"	200	lb	Concrete	14	14	Chain	2016	2	3
A-20	5709.060	CP2	Janvrin Harbour CP2	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.70	45° 31' 14.26"	61° 8' 11.639"	200	lb	Concrete	14	16	Chain	2016	2	3
A-20	5709.070	CP3	Janvrin Harbour CP3	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.50	45° 31' 36.317"	61° 8' 57.153"	200	lb	Concrete	7.9	14	Chain	2016	2	3
A-20	5709.080	CP4	Janvrin Harbour CP4	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.70	45° 31' 36.81"	61° 9' 3.65"	200	lb	Concrete	10.6	14	Chain	0	2	3
A-20	5710.010	CJ4	Arrow Point Spar CJ4	4308	Unlit	0.6m Spar Conical (Short)	510	Steel	Red	Year Round	4.20	45° 29' 23.058"	60° 58' 6.622"	2500	lb	Concrete	9.1	20	Chain	2016	3	3
A-20	5712.010	CJ8	Petit de Grat buoyCJ8	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.60	45° 29' 48.531"	60° 57' 40.006"	200	lb	Concrete	7.6	16	Chain	2015	1	3
A-20	5712.020	CJ10	Petit de Grat buoyCJ10	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.50	45° 29' 55.758"	60° 57' 36.122"	200	lb	Concrete	7.6	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-20	5712.030	CJ14	Petit de Grat buoyCJ14	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	45° 30' 9.841"	60° 57' 42.879"	200	lb	Concrete	7.6	16	Chain	2016	3	3
A-20	5712.040	CJA	Petit de Grat buoyCJA	4308	Unlit	0.3m Spar Can (ORT)	80	Steel	Black-red-black	Year Round	6.40	45° 30' 9.157"	60° 57' 44.619"	200	lb	Stone	10.6	32	Chain	2015	3	3
A-20	5712.050	CJ19	Petit De Grat buoyCJ19	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.10	45° 30' 13.257"	60° 57' 45.621"	200	lb	Concrete	7.6	14	Chain	2015	3	3
A-20	5712.060	CJ21	Petit De Grat buoyCJ21	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.60	45° 30' 18.258"	60° 57' 42.617"	200	lb	Concrete	7.6	16	Chain	2016	3	3
A-20	5712.065	CXA	Petit de Grat cautionary buoy CXA	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Year Round	3.00	45° 30' 14.58"	60° 57' 39.76"	200	lb	Concrete	9	16	Chain	2015	3	3
A-20	5712.067	CX1	Joe Bois Cove Outer spar buoy CX1	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.10	45° 30' 13.04"	60° 57' 37.93"	200	lb	Concrete	6	16	Chain	2015	3	3
A-20	5712.068	CX2	Joe Bois Cove Outer spar buoy CX2	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.70	45° 30' 12.46"	60° 57' 38.94"	200	lb	Concrete	6.5	16	Chain	2015	3	3
A-20	5712.070	CX3	Petit De Grat buoyCX3	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.90	45° 30' 13.36"	60° 57' 32.2"	200	lb	Concrete	7.6	16	Chain	2016	3	3
A-20	5712.080	CX4	Petit De Grat buoyCX4	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.90	45° 30' 11.99"	60° 57' 33.36"	200	lb	Concrete	9.1	16	Chain	2016	3	3
A-20	5712.090	NR10	Petit De Grat buoyNR10	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	45° 31' 10"	60° 57' 13"	200	lb	Concrete	7.6	14	Chain	2016	3	3
A-20	5712.100	NR11	Petit De Grat buoyNR11	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45° 31' 12"	60° 57' 10"	200	lb	Concrete	7.6	14	Chain	2015	3	3
A-20	5712.110	NR12	Petit De Grat buoyNR12	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	45° 30' 59.5"	60° 57' 6"	200	lb	Concrete	3.6	16	Rope	2015	3	3
A-20	5712.120	NR13	Petit De Grat buoyNR13	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	45° 31' 0"	60° 57' 5"	200	lb	Concrete	3.6	16	Rope	2015	3	3
A-20	5712.130	NR14	Petit De Grat buoyNR14	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.50	45° 30' 58"	60° 57' 4"	200	lb	Concrete	6	16	Rope	2015	3	3
A-20	5712.140	NR15	Petit De Grat buoyNR15	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	45° 30' 58"	60° 57' 2"	200	lb	Concrete	6	16	Rope	2015	3	3
A-20	5726.090	NT3	Isle Madame NT3	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.10	45° 35' 47.87"	60° 54' 53.652"	200	lb	Concrete	22.9	16	Chain	2016	2	3
A-20	5727.015	NY1	Inhabitants Bay and Mousseliers Passage NY1	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.80	45° 33' 15.229"	61° 8' 35.661"	200	lb	Concrete	7.3	14	Chain	2016	2	3
A-20	5727.025	NY5	Inhabitants Bay and Mousseliers Passage NY5	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	45° 32' 54.306"	61° 8' 10.621"	200	lb	Concrete	6.1	14	Chain	2016	2	3
A-20	5727.035	NY6	Inhabitants Bay and Mousseliers Passage NY6	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45° 32' 43.275"	61° 7' 57.627"	200	lb	Concrete	6.1	14	Chain	2016	2	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-20	5727.045	NY14	Inhabitants Bay and Mousseliers Passage NY14	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	45° 32' 1.259"	61° 7' 12.622"	200	lb	Concrete	5.4	14	Chain	2016	2	3
A-20	5727.055	NY15	Inhabitants Bay and Mousseliers Passage NY15	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	45° 31' 56.286"	61° 7' 4.685"	200	lb	Concrete	6	14	Chain	2016	2	3
A-20	5727.065	NY19	Inhabitants Bay and Mousseliers Passage NY19	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	45° 31' 32.256"	61° 6' 8.618"	200	lb	Concrete	7.3	14	Chain	2016	2	3
A-20	5727.075	NT	Isle Madame NT	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Seasonal	7.60	45° 35' 43.741"	61° 1' .942"	200	lb	Concrete	22.8	16	Chain	2016	2	3
A-20	5727.085	NTA	Isle Madame NTA	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red-green-red	Seasonal	4.50	45° 35' 30.254"	61° 2' 57.624"	200	lb	Concrete	17	16	Chain	2016	2	3
A-20	5727.105	NT5	Isle Madame NT5	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	45° 36' 6.15"	60° 55' 21.29"	200	lb	Concrete	22.9	16	Chain	2016	2	3
A-20	5727.115	NT7	Isle Madame NT7	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.50	45° 35' 57.386"	60° 56' 2.133"	200	lb	Concrete	22.9	16	Chain	2016	2	3
A-20	5727.125	NT9	Isle Madame NT9	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	45° 35' 57.251"	60° 56' 59.079"	200	lb	Concrete	21.3	16	Chain	2016	2	3
A-20	5727.130	NT13	Isle Madame NT13	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.60	45° 35' 38.76"	60° 59' 4.628"	200	lb	Concrete	17	16	Chain	2016	2	3
A-20	5727.140	NT15	Isle Madame NT15	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	45° 35' 47.254"	61° 0' 21.591"	200	lb	Concrete	22.8	10	Chain	2016	2	3
A-20	5727.150	NT19	Isle Madame NT19	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.90	45° 35' 45.234"	61° 1' 17.676"	200	lb	Concrete	25.6	16	Chain	2016	2	3
A-20	5727.160	NT22	Isle Madame NT22	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	45° 35' 40.264"	61° 1' 41.118"	200	lb	Concrete	18.2	16	Chain	2016	2	3
A-20	5727.170	NT23	Isle Madame NT23	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.40	45° 35' 28.257"	61° 3' 37.59"	200	lb	Concrete	18.2	10	Chain	2016	2	3
A-20	5727.180	NT24	Isle Madame NT24	4308	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	45° 35' 32.19"	61° 3' 48.968"	200	lb	Concrete	17	16	Chain	2016	2	3
A-20	5727.190	NT25	Isle Madame NT25	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45° 35' 16.249"	61° 3' 57.625"	200	lb	Concrete	12.1	14	Chain	2016	2	3
A-20	5727.200	NT26	Isle Madame NT26	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.10	45° 35' 20.256"	61° 3' 59.591"	200	lb	Concrete	18.2	10	Chain	2016	2	3
A-20	5727.210	NT35	Isle Madame NT35	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45° 34' 42.773"	61° 5' 36.625"	200	lb	Concrete	15.2	14	Chain	2016	2	3
A-20	5727.220	NT37	Isle Madame NT37	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	45° 34' 29.258"	61° 6' 13.605"	200	lb	Concrete	15.2	16	Chain	2016	2	3
A-20	5727.230	NT38	Isle Madame NT38	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	45° 34' 31.256"	61° 6' 19.593"	200	lb	Concrete	15.2	14	Chain	2016	2	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-20	5727.240	NT41	Glasgow Point NT41	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.30	45° 34' 6.258"	61° 8' 7.601"	200	lb	Concrete	15.2	14	Chain	2016	2	3
A-20	5727.250	NT44	Fish Shoal NT44	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	45° 33' 48.263"	61° 9' 27.619"	200	lb	Concrete	13.7	14	Chain	2016	2	3
A-20	5727.260	NT45	Macdonald Shoal NT45	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.70	45° 33' 1.757"	61° 11' 59.613"	200	lb	Concrete	15.2	16	Chain	2016	2	3
A-20	5727.270	NT47	Thomas Shoal NT47	4308	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	45° 32' 19.251"	61° 12' 38.613"	200	lb	Concrete	15.2	16	Chain	2016	2	3
A-20	5727.280	NV1	Isle Madame NV1	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.40	45° 35' 48.24"	60° 57' 3.626"	200	lb	Concrete	12.1	14	Chain	2016	2	3
A-20	5727.290	NV2	Isle Madame NV2	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	45° 35' 48.252"	60° 57' 12.582"	200	lb	Concrete	12.1	14	Chain	2016	2	3
A-20	5727.300	NV4	Isle Madame NV4	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	45° 35' 39.266"	60° 57' 4.61"	200	lb	Concrete	12.1	14	Chain	2016	2	3
A-20	5727.310	NV5	Isle Madame NV5	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.80	45° 35' 35.296"	60° 57' 11.598"	200	lb	Concrete	7.6	14	Chain	2016	2	3
A-20	5727.320	NV6	Isle Madame NV6	4308	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.50	45° 35' 37.762"	60° 57' 15.128"	200	lb	Concrete	7.6	14	Chain	2016	2	3
A-20	5727.330	NV7	Isle Madame NV7	4308	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.40	45° 35' 31.265"	60° 57' 33.618"	200	lb	Concrete	7.6	14	Chain	2016	2	3
A-20	5738.010	NM3	Little Harbour green spar buoy NM3	4275	Unlit	0.6m Spar Can (Short)	510	Steel	Green	Year Round	5.50	45° 35' 2.2"	60° 44' 42.37"	2500	lb	Concrete	18.2	20	Chain	2015	1	3
Buoys included in contract from July 2016																						
A-20	688.100	C17	Chedabucto Bay light buoy C17	4306	Night	1.4m Buoy	1811	Steel	Green	Year Round	27.00	45° 32' 39.26"	61° 18' 27.62"	2500	lb	Serrated	54	26	Chain	2016	3	3
A-20	688.200	C18	Chedabucto Bay light buoy C18	4306	Night	1.4m Buoy	1811	Steel	Red	Year Round	28.00	45° 33' 29.26"	61° 19' 17.62"	2500	lb	Serrated	54	26	Chain	2016	3	2
A-20	688.500	C21	Chedabucto Bay light buoy C21	4306	Night	1.4m Buoy	1811	Steel	Green	Year Round	24.00	45° 34' 58.76"	61° 22' 1.62"	2500	lb	Serrated	36	26	Chain	2016	3	2
A-20	689.100	CY	Eddy Point cautionary light buoy CY	4306	Night	0.6m SB 60 Spar Can PI		Plastic	Yellow	Year Round	33.30	45° 31' 27.66"	61° 14' 37.53"	2500	lb	Concrete	54.8	20	Chain	2016	3	3
A-20	695.000	C26	Point Tupper light buoy C26	4306	Night	1.4m Buoy	1811	Steel	Red	Year Round	9.10	45° 36' 20.76"	61° 22' 33.12"	2500	lb	Serrated	18	26	Chain	2016	3	2
A-20	696.500	CL4	Premier Shoal light buoy CL4	4306	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	9.10	45° 36' 47.26"	61° 22' 10.62"	1500	lb	Serrated	18.2	26	Chain	2016	3	2
A-20	699.000	C28	Dixon Rock light buoy C28	4306	Night	1.4m Buoy	1811	Steel	Red	Year Round	20.10	45° 38' 31.26"	61° 24' 11.62"	2500	lb	Serrated	45	26	Chain	2016	3	2
A-20	704.900	CN2	Crichton Island light buoy CN2	4306	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	7.30	45° 30' 3.26"	61° 7' 21.62"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-20	733.000	NQ12	Saint Peters Bay light buoy NQ12	4275	Night	0.6m Spar Conical (Long)	637	Steel	Red	Seasonal (in place year round)	9.20	45° 37' 7.2"	60° 53' 18.37"	2500	lb	Concrete	27.4	28	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-20	5727.010	NQ6	Horsehead Shoals Spar NQ6	4275	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	10.00	45º 35' 38.2"	60º 52' 11.37"	2500	lb	Concrete	27.4	28	Chain	2017	3	3
A-20	5727.020	NQ8	Three Rocks Red Spar NQ8	4275	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	12.00	45º 36' 1.2"	60º 52' 45.37"	2500	lb	Concrete	27.4	28	Chain	2017	3	3
A-20	5727.030	NQ10	Sampson Rock Spar NQ10	4275	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	7.00	45º 36' 43.2"	60º 53' 6.87"	2500	lb	Concrete	27.4	28	Chain	2017	3	3
A-20	5727.040	NQ13	St. Peters Bay Green Spar NQ13	4275	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.30	45º 37' 20.2"	60º 53' 18.37"	2500	lb	Concrete	18.2	28	Chain	2017	3	3
A-20	5727.050	NQ14	St. Peters Bay Red Spar NQ14	4275	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	5.50	45º 37' 27.2"	60º 53' 8.37"	2500	lb	Concrete	18.2	28	Chain	2017	3	3
A-20	5727.060	NQ15	St. Peters Bay Green Spar NQ15	4275	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.30	45º 37' 34.2"	60º 53' 18.37"	2500	lb	Concrete	18.2	28	Chain	2017	3	3
A-20	5727.070	NQ16	St. Peters Bay Red Spar NQ16	4275	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	6.00	45º 37' 33.2"	60º 53' 9.37"	2500	lb	Concrete	18.2	28	Chain	2017	3	3
A-20	5727.080	NQ17	St. Peters Bay Green Spar NQ17	4275	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.30	45º 38' 1.2"	60º 52' 44.87"	1000	lb	Concrete	18.2	28	Chain	2016	2	3
A-20	5727.090	NQ18	St. Peters Bay Red Spar NQ18	4275	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	6.40	45º 38' 11.2"	60º 52' 29.37"	2500	lb	Concrete	18.2	28	Chain	2016	2	3
A-20	5727.100	NQ19	St. Peters Bay Green Spar NQ19	4275	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.30	45º 38' 45.2"	60º 52' 44.87"	2500	lb	Concrete	18.2	28	Chain	2017	3	3
A-20	5727.110	NQ20	St. Peters Bay Red Spar NQ20	4275	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	7.30	45º 38' 50.7"	60º 52' 38.37"	1000	lb	Concrete	18.2	28	Chain	2016	2	3
A-20	5727.120	NQ21	St. Peters Bay Green Spar NQ21	4275	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.30	45º 38' 56.2"	60º 52' 50.37"	2500	lb	Concrete	18.2	28	Chain	2016	2	3

Contract Area name:	Fourchu to Main à Dieu
Contract Area no.:	A-21
Province(s):	Nova Scotia
Contract Area Description:	Includes the area from Fourchu to Main a Dieu
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Dartmouth
Commissioning date:	April 1st
Decommissioning date:	December 15th
Total no. of buoys:	63
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	1134
Maximum buoy weight (kg) :	637
Maximum water depth (m) :	15.5
Operational Season:	April 1st to December 15th
Overview of work activities:	11 of the buoys are 'year round' , 3 of the buoys are 'Seasonal (in place year round) and 49 of the buoys are 'seasonal'. 1 buoy is replaced by a winter spar. 6 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers; also replacement of winter spar with summer buoy. Decommissioning work includes removal of lanterns and replacement of summer buoy with winter spar. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. The work also includes planned cyclical mooring replacement every 2 or 3 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comments:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule.

Contract Area name:	Fourchu to Main à Dieu
Contract Area no.:	A-21

Comments:

- Baleine Hbr./Little Lorraine: Local Knowledge is required when placing, lifting & maintaining all buoys in this area (no Lat/Long).
- Big Lorraine: Local Knowledge is required when placing, lifting & maintaining all buoys in this area (no Lat/Long).
- Forchu: Local Knowledge is required when placing, lifting & maintaining 30 of the 32 buoys in this area (no Lat/Long).
- Gabarus: Local Knowledge is required when placing, lifting & maintaining 5 of the 6 buoys in this area (no Lat/Long).

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 6 current contracts included in this contract area, as follows:

EXISTING CONTRACT(S)				NEW CONTRACT			
Name	No. of buoys	Last option expiry year					
Baleine Harbour / Little Lorraine	10	2015					
Big Lorraine	4	2015					
Forchu	32	2015					
Gabarus	6	2015					
Port Morien (partial)	2	2015					
Total, 2015:	54			2015 - 2016:	54 buoys		
Louisbourg	9	2018**		2016 to 2019 (or			
Additional sub-total, 2016:	9			2020 if option year exercised):	63 buoys		

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-21	746.200	NC4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1369	Extinguished / Éteinte	20/06/2013	3
A-21	746.200	NC4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M902	Off Position / Hors Position	27/04/2011	3
A-21	747.300	NC24	1.5m SB 98 plastique	1.5m SB 98 plastic	M1838	Extinguished / Éteinte	05/07/2011	3
A-21	752.700	JX10	0.75m SB 105 conique	0.75m SB 105 Conical	M2389	Off Position / Hors Position	18/08/2011	3
A-21	756.500	JTA	0.6m espar conique (Short)	0.6m spar Conical (Short)	M1249	Extinguished / Éteinte	19/05/2011	2
A-21	756.500	JTA	0.6m espar conique (Short)	0.6m spar Conical (Short)	M2784	Extinguished / Éteinte	12/10/2009	2
A-21	760.000	JT11	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2783	Off Position and extinguished / Hors Position et Éteinte	12/10/2009	2
A-21	5746.015	NC7	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2565	Off Position / Hors Position	23/09/2009	3
A-21	5746.025	NC8	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2750	Off Position / Hors Position	07/10/2009	3
A-21	5746.030	NC5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1327	Off Position / Hors Position	14/06/2013	3
A-21	5746.030	NC5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1296	Off Position / Hors Position	12/06/2013	3
A-21	5746.040	NC6	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M903	Off Position / Hors Position	27/04/2011	3
A-21	5746.060	NC12	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2733	Off Position / Hors Position	06/10/2009	3
A-21	5755.030	JU4	0.6m espar conique (longue)	0.6m spar Conical (Long)	M626	Off Position / Hors Position	09/04/2009	3
A-21	5755.040	JT7	0.6m espar plate (longue)	0.6m spar Can (Long)	M1962	Off Position / Hors Position	28/07/2010	2
A-21	5762.040	JM6	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1988	Partially Submerged / Partiellement Submergée	15/08/2012	3
A-21	5764.510	JJ10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3066	Off Position / Hors Position	10/11/2010	3
A-21	5764.510	JJ10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1215	Off Position / Hors Position	15/05/2010	3
A-21	5764.510	JJ10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1066	Damaged / Endommagée	12/05/2009	3
A-21	5764.510	JJ10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1066	Off Position / Hors Position	12/05/2009	3
A-21	746.100	NC3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M942	Off Position / Hors Position	13/05/2013	3
A-21	746.100	NC3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1159	Extinguished / Éteinte	31/05/2013	3
A-21	746.100	NC3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2564	Off Position / Hors Position	23/09/2009	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-21	5762.010	JM3	Baleine Harbour & Little Lorraine JM3	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.30	0° 0' 0"	0° 0' 0"	200	lb	Concrete	12.1	14	Chain	2015	1	3
A-21	5762.020	JM4	Baleine Harbour & Little Lorraine JM4	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.50	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6	14	Chain	2015	1	3
A-21	5762.030	JM5	Baleine Harbour & Little Lorraine JM5	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6	14	Chain	2015	1	3
A-21	5762.040	JM6	Baleine Harbour & Little Lorraine JM6	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	45° 56' 48"	59° 50' 13"	200	lb	Concrete	6	14	Chain	2015	1	3
A-21	5762.050	JM7	Baleine Harbour & Little Lorraine JM7	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6	14	Chain	2015	1	3
A-21	5762.060	JN3	Baleine Harbour & Little Lorraine JN3	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.70	0° 0' 0"	0° 0' 0"	200	lb	Concrete	12.1	14	Chain	2015	1	3
A-21	5762.070	JN4	Baleine Harbour & Little Lorraine JN4	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.30	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	14	Chain	2015	1	3
A-21	5762.080	JN6	Baleine Harbour & Little Lorraine JN6	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.20	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6	14	Chain	2015	1	3
A-21	5762.090	JN7	Baleine Harbour & Little Lorraine JN7	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6	14	Chain	2015	1	3
A-21	5762.100	JN8	Baleine Harbour & Little Lorraine JN8	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6	14	Chain	2015	1	3
A-21	746.100	NC3	Fourchu light buoy NC3	4374	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	10.90	45° 43' 4.2"	60° 13' 26.4"	2500	lb	Concrete	18.2	20	Chain	2016	3	3
A-21	746.200	NC4	Fourchu light buoy NC4	4374	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	12.80	45° 43' 6.6"	60° 13' 25.2"	400	kg	Serrated	27.4	To Be Fixed	Chain	2016	3	3
A-21	747.300	NC24	North Fourchu light buoy NC24	4374	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	2.70	45° 43' 12"	60° 14' 21"	1000	lb	Concrete	5	20	Chain	2016	3	3
A-21	752.700	JX10	Gabarus light buoy JX10	4375	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	6.10	45° 50' 32.32"	60° 8' 15.74"	1000	lb	Concrete	9.1	20	Chain	2016	3	3
A-21	5746.015	NC7	Fourchu Buoy NC7	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	10.9	14	Rope	2015	1	3
A-21	5746.025	NC8	Fourchu NC8	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	11.8	14	Rope	2015	1	3
A-21	5746.030	NC5	Fourchu Green Spar (North) NC5	4374	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	8.20	0° 0' 0"	0° 0' 0"	1000	lb	Concrete	18.2	14	Chain	2015	1	3
A-21	5746.035	NC9	Fourchu NC9	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.7	14	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-21	5746.040	NC6	Fourchu Spar (North) NC6	4374	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	8.20	0° 0' 0"	0° 0' 0"	400	kg	Serrated	18.2	To Be Fixed	Chain	2015	1	3
A-21	5746.045	NC10	Fourchu NC10	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	11.5	14	Rope	2015	1	3
A-21	5746.050	NC11	Fourchu NC11	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	7.9	14	Rope	2015	1	3
A-21	5746.060	NC12	Fourchu NC12	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	14	Rope	2015	1	3
A-21	5746.070	NC13	Fourchu NC13	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.7	14	Rope	2015	1	3
A-21	5746.080	NC14	Fourchu NC14	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	7.9	14	Rope	2015	1	3
A-21	5746.090	NC15	Fourchu NC15	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	7.3	14	Rope	2015	1	3
A-21	5746.100	NC16	Fourchu NC16	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	7.3	14	Rope	2015	1	3
A-21	5746.110	NC18	Fourchu NC18	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	5.7	14	Rope	2015	1	3
A-21	5746.120	NC19	Fourchu NC19	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.7	14	Rope	2015	1	3
A-21	5746.130	NC20	Fourchu NC20	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	5.4	14	Rope	2015	1	3
A-21	5746.140	NC21	Fourchu NC21	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.8	14	Rope	2015	1	3
A-21	5746.150	NC22	Fourchu NC22	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	5.4	14	Rope	2015	1	3
A-21	5746.160	NC23	Fourchu NC23	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.8	14	Rope	2015	1	3
A-21	5746.170	NC25	Fourchu NC25	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.8	14	Rope	2015	1	3
A-21	5746.180	NC26	Fourchu NC26	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.8	14	Rope	2015	1	3
A-21	5746.190	NC27	Fourchu NC27	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.2	14	Rope	2015	1	3
A-21	5746.200	NC28	Fourchu NC28	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.8	14	Rope	2015	1	3
A-21	5746.210	NC29	Fourchu NC29	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.2	14	Rope	2015	1	3
A-21	5746.220	NC30	Fourchu NC30	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.2	14	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-21	5746.230	NC31	Fourchu NC31	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	14	Rope	2015	1	3
A-21	5746.240	NC32	Fourchu NC32	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.2	14	Rope	2015	1	3
A-21	5746.250	NC33	Fourchu NC33	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	14	Rope	2015	1	3
A-21	5746.260	NC34	Fourchu NC34	4374	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	14	Rope	2015	1	3
A-21	5746.270	NC35	Fourchu NC35	4374	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	14	Rope	2015	1	3
A-21	5752.020	JX11	Gabarus Harbour buoyJX11	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.10	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.4	14	Chain	2015	1	3
A-21	5752.030	JX12	Gabarus Harbour buoyJX12	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.30	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	14	Chain	2015	1	3
A-21	5752.040	JX13	Gabarus Harbour buoyJX13	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.30	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	14	Chain	2015	1	3
A-21	5752.050	JX15	Gabarus Harbour buoyJX15	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.90	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.2	14	Chain	2015	1	3
A-21	5752.060	JX16	Gabarus Harbour JX16	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.90	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.2	14	Chain	2015	1	3
A-21	5754.010	JP3	Big Lorraine JP3	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.8	16	Rope	2015	1	3
A-21	5754.020	JP5	Big Lorraine JP5	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.8	16	Rope	2015	1	3
A-21	5754.030	JP7	Big Lorraine JP7	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.8	16	Rope	2015	1	3
A-21	5754.040	JP9	Big Lorraine JP9	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.8	16	Rope	2015	1	3
A-21	5764.510	JJ10	Main-A-Dieu spar buoy JJ10	4377	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.20	45° 59' 54.7"	59° 50' 1.3"	1000	lb	Concrete	9.1	16	Chain	2015	1	3
A-21	5764.520	JJ12	Main-A-Dieu spar buoy JJ12	4377	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	2.10	46° 0' 11.3"	59° 50' 26.7"	1000	lb	Concrete	9.1	16	Chain	2015	1	3
Buoys included in contract from July 2016																						
A-21	756.500	JTA	Nag Rock bifurcation light buoy JTA	4376	Night	0.6m Spar Conical (Short)	510	Steel	Red-green-red	Seasonal (in place year round)	8.10	45° 54' 11.37"	59° 58' 19.15"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-21	760.000	JT11	Battery Shoal light buoy JT11	4376	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	10.90	45° 54' 30.37"	59° 58' 21.65"	1500	lb	Serrated	18.2	20	Chain	2016	3	2
A-21	5755.010	JU1	Rocky Island green SparJU1	4376	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	15.50	45° 53' 53.87"	59° 57' 22.95"	2500	lb	Concrete	27.4	20	Chain	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-21	5755.020	JU2	Harbour Shoal red sparJU2	4376	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	13.40	45º 53' 55.37"	59º 57' 6.45"	2500	lb	Concrete	27.4	20	Chain	2015	1	3
A-21	5755.030	JU4	Nag Rock Red Spar JU4	4376	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	9.10	45º 54' 17.37"	59º 58' 3.85"	2500	lb	Concrete	10.9	20	Chain	2015	1	3
A-21	5755.040	JT7	Battery Island spar JT7	4376	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.90	45º 54' 4.37"	59º 57' 46.15"	2500	lb	Concrete	27.4	20	Chain	2015	1	2
A-21	5755.070	JT12	Careening Point Red Spar JT12	4376	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	8.20	45º 54' 33.87"	59º 58' 13.15"	2500	lb	Concrete	18.2	20	Chain	2015	1	2
A-21	5760.010	JTL	Louisbourg Lifeboat Cautionary Buoy JTL	4376	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Year Round	2.10	45º 55' 4.87"	59º 58' 16.15"	1000	lb	Concrete	5.5	20	Chain	2015	1	3
A-21	5760.020	JTK	Louisbourg South Cardinal Buoy JTK	4376	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black	Year Round	5.00	45º 55' 3.37"	59º 58' 10.15"	1000	lb	Concrete	9.1	20	Chain	2015	1	3

APPENDIX C.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Mira River
Contract Area no.:	A-22

Province(s):	Nova Scotia	
Contract Area Description:	Includes the Mira River	
Material Transportation & Storage	Material storage by: Contractor	Material Transportation by: Canadian Coast Guard

Coast Guard Depot:	Dartmouth
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Commissioning date:	May 15th
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Decommissioning date:	November 15th
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Total no. of buoys:	80
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Max. buoy size(m) diameter :	0.4
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Maximum anchor size (weight (kg)):	227
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Maximum buoy weight (kg) :	65
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Maximum water depth (m) :	4.4
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Operational Season:	May 15th to November 15th
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Overview of work activities:	All of the buoys are are 'seasonal' and are unlit. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
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Comment:	This Contract area includes nineteen stakes, counted as 1 aid to navigation, which the contractor is to place to mark port side of channel. "Local knowledge" is required to place buoys on position in spring, positions are approximate as buoys must be placed to mark the best water.
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Transitioning from current contract structure and schedule to new contract structure and schedule

There is an existing contract in place for this Contract Area.
The new contract will start on July 2nd, 2015.
Note that in the costing submission, prices should only be provided for the years 2015 to 2019 and the option year, 2019-2020.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-22	5767.530	JC82	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1372	Off Position / Hors Position	03/06/2010	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-22	5767.010	JC4	Mira River JC4	4375	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.70	46º 2' 4.02"	59º 57' 52.38"	500	lb	Concrete	5.4	16	Chain	2015	1	3
A-22	5767.020	JC5	Mira River JC5	4375	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.80	46º 2' 3.858"	59º 57' 55.332"	500	lb	Concrete	5.4	To Be Fixed	Chain	2015	1	3
A-22	5767.030	JC6	Mira River JC6	4375	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.10	46º 2' 6.875"	59º 57' 59.371"	500	lb	Concrete	5.4	14	Chain	2015	1	3
A-22	5767.040	JC7	Mira River JC7	4375	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.30	46º 2' 6.335"	59º 58' .793"	500	lb	Concrete	5.4	10	Chain	2015	1	3
A-22	5767.050	JC9	Mira River JC9	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.20	46º 2' 11.688"	59º 58' 17.069"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.060	JC11	Mira River JC11	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.50	46º 2' 8.898"	59º 58' 31.919"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.070	JC13	Mira River JC13	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	46º 2' 6.011"	59º 58' 41.574"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.080	JC14	Mira River JC14	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	46º 2' 57.235"	60º 0' 24.156"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.090	JC16	Mira River JC16	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.90	46º 2' 51.954"	60º 0' 34.931"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.100	JC18	Mira River JC18	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46º 2' 46.723"	60º 0' 42.336"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.110	JC20	Mira River JC20	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	46º 2' 40.765"	60º 1' 1.261"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.120	JC22	Mira River JC22	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.50	46º 2' 41.777"	60º 1' 8.393"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.130	JC23	Mira River JC23	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	46º 2' 56.022"	60º 0' 22.237"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.140	JC24	Mira River JC24	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	46º 2' 41.791"	60º 1' 16.259"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.150	JC26	Mira River JC26	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	46º 2' 32.287"	60º 1' 33.287"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.160	JC27	Mira River JC27	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46º 2' 40.207"	60º 1' 22.987"	200	lb	Concrete	5.4	16	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-22	5767.170	JC29	Mira River JC29	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 1' 11.712"	60° 5' 56.681"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.180	JC30	Mira River JC30	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	46° 2' 14.172"	60° 2' 35.592"	150	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.190	JC32	Mira River JC32	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	46° 0' 41.076"	60° 7' 23.268"	150	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.200	JC33	Mira River JC33	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 0' 46.627"	60° 7' 13.483"	150	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.210	JC35	Mira River JC35	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 0' 7.927"	60° 8' 37.608"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.220	JC36	Mira River JC36	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	46° 0' 9.493"	60° 8' 34.667"	150	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.230	JC37	Mira River JC37	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 0' 8.597"	60° 8' 47.015"	150	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.240	JC38	Mira River JC38	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	46° 0' 10.548"	60° 8' 54.528"	150	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.250	JC39	Mira River JC39	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 0' 9.367"	60° 8' 57.257"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.260	JC41	Mira River JC41	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 0' 5.915"	60° 9' 3.294"	150	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.270	JC43	Mira River JC43	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 0' .029"	60° 9' 5.893"	150	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.280	JC45	Mira River JC45	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45° 59' 43.573"	60° 10' 13.199"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.290	JC46	Mira River JC46	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45° 58' 46.2"	60° 12' 34.819"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.300	JC47	Mira River JC47	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45° 58' 58.008"	60° 11' 58.783"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.310	JC49	Mira River JC49	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45° 58' 56.309"	60° 12' 6.426"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.320	JC50	Mira River JC50	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45° 59' 2.681"	60° 11' 47.767"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.330	JC51	Mira River JC51	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45° 58' 43.169"	60° 12' 41.375"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.340	JC53	Mira River JC53	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45° 58' 49.026"	60° 12' 23.364"	100	lb	Concrete	5.4	16	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-22	5767.350	JC55	Mira River JC55	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 49.973"	60º 12' 25.56"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.360	JC57	Mira River JC57	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 57' 51.39"	60º 15' 19.127"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.370	JC58	Mira River JC58	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45º 58' 52.835"	60º 12' 11.185"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.380	JC59	Mira River JC59	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 45.804"	60º 12' 32.893"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.390	JC61	Mira River JC61	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 43.176"	60º 13' 10.855"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.400	JC63	Mira River JC63	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 42.618"	60º 12' 53.388"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.410	JC65	Mira River JC65	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 45.84"	60º 13' .469"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.420	JC67	Mira River JC67	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 47.327"	60º 13' 3.731"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.430	JC69	Mira River JC69	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 47.287"	60º 13' 6.305"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.440	JC70	Mira River JC70	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45º 58' 47.737"	60º 13' 2.791"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.450	JC71	Mira River JC71	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 26.245"	60º 13' 40.375"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.460	JC72	Mira River JC72	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45º 58' 29.669"	60º 13' 26.742"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.470	JC73	Mira River JC73	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 25.601"	60º 13' 55.585"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.480	JC75	Mira River JC75	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 20.683"	60º 14' 9.6"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.490	JC76	Mira River JC76	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45º 58' 17.76"	60º 14' 20.573"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.500	JC77	Mira River JC77	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 7.525"	60º 14' 42.691"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.510	JC79	Mira River JC79	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 1.218"	60º 14' 46.651"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.520	JC81	Mira River JC81	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' .743"	60º 14' 50.593"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.530	JC82	Mira River JC82	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45º 57' 45.673"	60º 15' 26.075"	100	lb	Concrete	5.4	16	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-22	5767.540	JC83	Mira River JC83	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	45º 58' 4.962"	60º 14' 59.298"	100	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.550	JC84	Mira River JC84	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45º 57' 13.428"	60º 16' 27.329"	150	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.560	JC	Mira River JC	4375	Unlit	GDI 420		Plastic	Red-white	Seasonal	4.40	46º 2' 2.238"	59º 57' 49.032"	500	lb	Concrete	5.4	16	Chain	2015	1	2
A-22	5767.570	JCC	Mira River JCC	4375	Unlit	GDI 420		Plastic	Red-white	Seasonal	0.00	46º 2' 21.343"	60º 2' 1.662"	200	lb	Concrete	5.4	16	Rope	2015	1	2
A-22	5767.580	JCD	Mira River JCD	4375	Unlit	GDI 420		Plastic	Red-white	Seasonal	0.00	46º 1' 3.9"	60º 4' 34.849"	200	lb	Concrete	5.4	16	Rope	2015	1	2
A-22	5767.590	JCE	Mira River JCE	4375	Unlit	GDI 420		Plastic	Red-white	Seasonal	0.00	46º 1' 6.51"	60º 6' 28.933"	200	lb	Concrete	5.4	16	Rope	2015	1	2
A-22	5767.600	JCM	Mira River JCM	4375	Unlit	GDI 420		Plastic	Red-white	Seasonal	0.00	46º 0' 25.859"	60º 8' .186"	200	lb	Concrete	5.4	16	Rope	2015	1	2
A-22	5767.610	JCP	Mira River JCP	4375	Unlit	GDI 420		Plastic	Red-white	Seasonal	0.00	45º 59' 48.851"	60º 10' 10.747"	200	lb	Concrete	5.4	16	Rope	2015	1	2
A-22	5767.620	JCU	Mira River JCU	4375	Unlit	GDI 420		Plastic	Red-white	Seasonal	0.00	45º 59' 18.157"	60º 11' 1.32"	200	lb	Concrete	5.4	16	Rope	2015	1	2
A-22	5767.630	JC9.1	Mira River JC9.1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.70	45º 56' 40.805"	60º 16' 36.037"	200	lb	Concrete	5.4	16	Rope	2015	1	3
A-22	5767.650	PLAS1	Mira River Red Plastic Buoy - PLAS1	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46º 2' 42.835"	60º 0' 48.193"	200	lb	Concrete	4.6	16	Rope	2015	1	3
A-22	5767.660	PLAS1	Mira River Green Plastic Buoy - PLAS1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46º 2' 40.65"	60º 0' 51.703"	200	lb	Concrete	4.6	16	Rope	2015	1	3
A-22	5767.670	PLAS1	Mira River Red Plastic Buoy - PLAS1	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46º 2' 40.823"	60º 0' 54.173"	200	lb	Concrete	4.6	16	Rope	2015	1	3
A-22	5767.680	PLAS1	Mira River green plastic buoy - PLAS1	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				150	lb	Chain	5.4	16	Rope	2015	1	3
A-22	5767.690	PLAS1	Mira River green plastic buoy - PLAS1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		45º 57' 28.32"	60º 16' 7.8"	150	lb	Chain	5.4	16	Rope	2015	1	3
A-22	5767.700	PLAS1	Mira River green plastic buoy - PLAS1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		45º 57' 19.8"	60º 16' 22.32"	200	lb	Stone	5.4	16	Rope	2015	1	3
A-22	5767.710	PLAS1	Mira River green plastic buoy - PLAS1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		45º 57' 13.38"	60º 16' 26.7"	200	lb	Stone	5.4	16	Rope	2015	1	3
A-22	5767.720	PLAS1	Mira River red plastic buoy - PLAS1	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		45º 58' 13.32"	60º 14' 29.04"	200	lb	Stone	5.4	16	Rope	2015	1	3
A-22	5767.730	PLAS1	Mira River red plastic buoy - PLAS1	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		45º 58' 46.26"	60º 12' 34.56"	200	lb	Stone	5.4	16	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-22	5767.740	PLAS1	Mira River red plastic buoy - PLAS1	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		45º 56' 39.78"	60º 16' 36.84"	200	lb	Stone	5.4	16	Rope	2015	1	3
A-22	5767.750	PLAS1	Mira River red plastic buoy PLAS1	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46º 2' 40.68"	60º 0' 54.36"	100	lb	Chain	5	16	Rope	2015	1	3
A-22	5767.760	PLAS1	Mira River green plastic buoy PLAS1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		45º 58' 35.04"	60º 13' 15.96"	100	lb	Chain	5	16	Rope	2015	1	3
A-22	5767.770	PLAS1	Mira River green plastic buoy PLAS1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		45º 58' 27.06"	60º 13' 32.76"	100	lb	Chain	5	16	Rope	2015	1	3
A-22	5767.780	PLAS1	Mira River green plastic buoy PLAS1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		45º 57' 58.86"	60º 15' 10.14"	100	lb	Chain	5	16	Rope	2015	1	3
A-22	5767.790	PLAS1	Mira River red plastic buoy PLAS1	4375	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		45º 57' 42.66"	60º 15' 40.38"	100	lb	Chain	5	16	Rope	2015	1	3
A-22	5767.800	PLAS1	Mira River green plastic buoy PLAS1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		45º 57' 32.34"	60º 15' 58.74"	100	lb	Chain	5	16	Rope	2015	1	3
A-22	5767.810	PLAS1	Mira River green plastic buoy PLAS1	4375	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		45º 57' 24.48"	60º 16' 15.78"	100	lb	Chain	5	16	Rope	2015	1	3

Contract Area name:	Port Morien to Sydney	
Contract Area no.:	A-23	
Province(s):	Nova Scotia	
Contract Area Description:	Includes the area from Port Morien to Sydney	
Material Transportation & Storage	Material storage by: Contractor Off season lantern storage by: Contractor	Material Transportation by: Canadian Coast Guard
Coast Guard Depot:	Charlottetown	
Commissioning date:	April 15th	
Decommissioning date:	November 15th	
Total no. of buoys:	28	
Max. buoy size(m) diameter :	0.88	
Maximum anchor size (weight (kg)):	1136	
Maximum buoy weight (kg) :	637	
Maximum water depth (m) :	12.8	
Operational Season:	April 15th to November 15th	
Overview of work activities:	<p>7 buoys are 'year round' , 3 are 'Seasonal (in place year round) and 18 are 'seasonal'. 10 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns.</p> <p>For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly.</p> <p>The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only.</p> <p>Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment.</p> <p>Unscheduled work includes response to discrepancies during the operational season.</p>	
Comments:	<p>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule</p> <p>The new contract for this area will start on July 2nd, 2015.</p>	

Contract Area name:	Port Morien to Sydney
Contract Area no.:	A-23

Comment:

Lingan: Local Knowledge is required when placing and maintaining buoys in this area due to shifting channel.

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 4 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>	
Name	No. of buoys	Last option expiry year		
Glace Bay	6	2015		
Port Morien (partial)	4	2015		
Sydney	<u>12</u>	2015		
Total, 2015:	<u>22</u>		<u>2015 - 2016:</u>	22 buoys
Lingan	<u>6</u>	2019**		
Additional sub-total, 2016:	<u>6</u>		<u>2016 to 2019 (or 2020 if option year exercised):</u>	28 buoys

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-23	845.300	KP7	1.5m SB 98 plastique	1.5m SB 98 plastic	M2035	Off Position / Hors Position	02/09/2013	3
A-23	845.300	KP7	1.5m SB 98 plastique	1.5m SB 98 plastic	M2024	Off Position / Hors Position	31/08/2013	3
A-23	845.300	KP7	1.5m SB 98 plastique	1.5m SB 98 plastic	M1307	Off Position / Hors Position	13/06/2013	3
A-23	845.100	KP2	1.5m SB 98 plastique	1.5m SB 98 plastic	M1413	Showing Improper Character / Caractéristiques Inexactes	06/06/2010	3
A-23	768.500	JA6	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1220	Off Position / Hors Position	17/05/2011	2
A-23	779.400	SD2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1124	Partially Submerged / Partiellement Submergée	30/05/2013	2
A-23	779.400	SD2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2942	Off Position / Hors Position	25/12/2012	2
A-23	779.400	SD2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3010	Extinguished / Éteinte	04/11/2010	2
A-23	785.500	S14	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1946	Extinguished / Éteinte	16/07/2011	2
A-23	785.500	S14	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1945	Extinguished / Éteinte	16/07/2011	2
A-23	786.000	S15	0.6m espar plate (Short)	0.6m spar Can (Short)	M2047	Extinguished / Éteinte	22/07/2011	2
A-23	786.000	S15	0.6m espar plate (Short)	0.6m spar Can (Short)	M3058	Off Position / Hors Position	09/11/2010	2
A-23	786.000	S15	0.6m espar plate (Short)	0.6m spar Can (Short)	M1036	Extinguished / Éteinte	03/05/2010	2
A-23	787.000	S18	0.6m espar conique (Short)	0.6m spar Conical (Short)	M2671	Not Reliable / pas fiable	18/11/2013	2
A-23	787.000	S18	0.6m espar conique (Short)	0.6m spar Conical (Short)	M2763	Off Position / Hors Position	26/11/2012	2
A-23	788.000	S21	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1353	Extinguished / Éteinte	19/06/2013	2
A-23	5771.010	KV2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2774	Off Position / Hors Position	27/11/2012	3
A-23	5774.620	KQ3	0.8m SB 75 plate plastique	0.8m SB 75 Can plastic	M2902	Off Position / Hors Position	11/10/2011	3
A-23	5774.650	KQ6	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M1848	Off Position / Hors Position	06/08/2013	3
A-23	5812.080	KP4	0.75m plastique conique (SB75)	0.75m plastic Conical (SB75)	M3293	Off Position / Hors Position	23/12/2009	3
A-23	774.500	KQ7	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1850	Extinguished / Éteinte	06/08/2013	3
A-23	774.500	KQ7	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1846	Off Position / Hors Position	06/08/2013	3
A-23	774.400	KQ2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1845	Extinguished / Éteinte	06/08/2013	3
A-23	774.400	KQ2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2890	Off Position / Hors Position	09/10/2011	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-23	768.500	JA6	Port Morien light buoy JA6	4375	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.40	46º 7' 41.32"	59º 52' 3.74"	1250	lb	Serrated	18.2	20	Chain	2016	3	3
A-23	771.500	KV1	Glace Bay Outer light buoy KV1	4170	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	7.30	46º 12' 30"	59º 56' 21"	2500	lb	Concrete	18.2	20	Chain	2016	3	3
A-23	779.400	SD2	Northwest Bar light buoy SD2	4266(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.70	46º 12' 32.8"	60º 14' 10.3"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-23	785.500	S14	Barachois light buoy S14	4266(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	12.80	46º 9' 32.8"	60º 12' 53"	2500	lb	Serrated	27.4	20	Chain	2016	3	2
A-23	786.000	S15	Battery Point light buoy S15	4266	Night	0.6m Spar Can (Short)	510	Steel	Green	Seasonal (in place year round)	12.80	46º 8' 53.5"	60º 12' 26.5"	2500	lb	Concrete	27.4	28	Chain	2016	3	2
A-23	787.000	S18	Shingle Point light buoy S18	4266(I)	Night	0.6m Spar Conical (Short)	510	Steel	Red	Seasonal (in place year round)	9.10	46º 8' 27.7"	60º 12' 13.7"	2500	lb	Concrete	27.4	28	Chain	2016	3	2
A-23	787.200	SS1	South Bar Ruins light buoy SS1	4266	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	6.00	46º 11' 58.1"	60º 12' 17.2"	500	lb	Concrete	9.1	16	Chain	2016	3	3
A-23	788.000	S21	Sydney Harbour South Arm light buoy S21	4266	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	10.70	46º 7' 49"	60º 12' 11.5"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-23	5768.510	JA5	Port Morien spar buoy JA5	4375	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	3.60	46º 7' 45.82"	59º 52' 15.74"	1000	lb	Concrete	9	28	Chain	2015	1	3
A-23	5768.520	JA7	Port Morien green spar buoy JA7	4375	Unlit	0.6m Spar Can (Short)	510	Steel	Green	Year Round	7.30	46º 7' 48.72"	59º 52' 17.82"	1000	lb	Serrated	9	20	Chain	2015	1	3
A-23	5768.530	JA8	Port Morien red spar buoy JA8	4375	Unlit	0.6m Spar Conical (Short)	510	Steel	Red	Year Round	4.50	46º 7' 46.42"	59º 52' 9.86"	1000	lb	Concrete	18	28	Chain	2015	1	3
A-23	5771.010	KV2	Glace Bay Outer red spar buoy KV2	4170	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	46º 12' 31.8"	59º 56' 25.5"	1000	lb	Concrete	18.2	16	Chain	2015	1	3
A-23	5771.020	KV3	Glace Bay Center green spar buoy KV3	4170	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.40	46º 12' 16.4"	59º 56' 31.7"	1000	lb	Concrete	9.1	16	Chain	2015	1	3
A-23	5771.030	KV4	Glace Bay Center red spar buoy KV4	4170	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.80	46º 12' 17.9"	59º 56' 35.7"	1000	lb	Concrete	18.2	16	Chain	2015	1	3
A-23	5771.040	KV5	Glace Bay Inner green spar buoy KV5	4170	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	46º 12' 2.9"	59º 56' 42.6"	1000	lb	Concrete	9.1	16	Chain	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-23	5771.050	KV6	Glace Bay Inner red spar buoy KV6	4170	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.20	46º 12' 4.2"	59º 56' 45.8"	1000	lb	Concrete	9.1	16	Chain	2015	1	3
A-23	5777.020	SA8	Allen Point Spar SA8	4266	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	9.10	46º 11' 27.5"	60º 15' 49"	2500	lb	Concrete	18.2	20	Chain	2015	1	3
A-23	5777.040	S23	Sydney River Green Spar S23	4266	Unlit	0.6m Spar Can (Short)	510	Steel	Green	Year Round	5.40	46º 7' 18.5"	60º 12' 38"	1000	lb	Concrete	9.1	20	Chain	2015	1	3
A-23	5777.050	S24	Sydney River Spar S24	4266	Unlit	0.6m Spar Conical (Short)	510	Steel	Red	Year Round	6.70	46º 7' 21.5"	60º 12' 51.5"	1000	lb	Concrete	18.2	20	Chain	2015	1	3
A-23	5777.100	S19	Sydney River Buoy S19	4266	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.00	46º 8' 10"	60º 11' 53"	500	lb	Concrete	12.2	16	Chain	2015	1	3
A-23	5786.100	SSA	Sydney Cautionary Buoy SSA	4266	Unlit	0.6m Spar Can (Short)	510	Steel	Yellow	Year Round	12.00	46º 8' 38"	60º 12' 12.2"	2500	lb	Concrete	27.4	28	Chain	2015	1	2
A-23	5787.210	SS	South Bar South Cardinal buoy SS	4266	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Seasonal	8.00	46º 12' 8.88"	60º 13' 1.08"	2500	lb	Concrete	15.8	20	Chain	2015	1	3
Buoys included in contract from July 2016																						
A-23	774.400	KQ2	Lingan Harbour light buoy KQ2	4367	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal		46º 13' 45"	60º 2' 2.4"	500	lb	Serrated	6.7	16	Chain	2016	3	3
A-23	774.500	KQ7	Lingan Harbour light buoy KQ7	4367	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal		46º 13' 43.2"	60º 2' 28.2"	500	lb	Serrated	5.4	16	Chain	2016	3	3
A-23	5774.620	KQ3	Lingan Harbour KQ3	4367	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	3.00	46º 13' 42"	60º 2' 4.2"	500	lb	Serrated	6.7	16	Chain	2015	1	3
A-23	5774.630	KQ4	Lingan Harbour KQ4	4367	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	2.40	46º 13' 45.18"	60º 2' 15.59"	500	lb	Serrated	6	16	Chain	2015	1	3
A-23	5774.640	KQ5	Lingan Harbour KQ5	4367	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	2.40	46º 13' 42.6"	60º 2' 15"	500	lb	Serrated	6	16	Chain	2015	1	3
A-23	5774.650	KQ6	Lingan Harbour KQ6	4367	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	2.40	46º 13' 44.4"	60º 2' 28.2"	500	lb	Serrated	5.4	16	Chain	2015	1	3

Contract Area name:	Northern Bras D'or including St. Patricks, St. Andrews, Great and Little Bras D'or		
Contract Area no.:	A-24		
Province(s):	Nova Scotia		
Contract Area Description:	Includes Northern Bras D'or including St. Patricks, St. Andrews, Great and Little Bras D'or		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown		
Commissioning date:	May 25th		
Decommissioning date:	November 15th		
Total no. of buoys:	71		
Max. buoy size(m) diameter :	0.88		
Maximum anchor size (weight (kg)):	3636		
Maximum buoy weight (kg) :	510		
Maximum water depth (m) :	24		
Operational Season:	May 15th to November 15th		
Overview of work activities:	All of the buoys are are 'seasonal' and 33 buoys are lit. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Unscheduled work includes response to discrepancies during the operational season. The work also includes planned cyclical mooring replacement every 2, 3 or 5 years; refer to detailed buoy data for schedule of next replacement. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment.		
Comments:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule The new contract for this area will start on July 2nd, 2015.		

Contract Area name:	Northern Bras D'or including St. Patricks, St. Andrews, Great and Little Bras D'or
Contract Area no.:	A-24

Transitioning from current contract structure and schedule to new contract structure and schedule

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>	
Name	No. of buoys	Last option expiry year		
Bras D'or Lakes / St. Peters Inlet (partial)	41	2015		
Total, 2015:	41		2015 - 2016:	41 buoys
Bras D'or Lakes / Great & Little Bras D'or (partial)	30	2016		
Additional sub-total, 2016:	30		2016 to 2019 (or 2020 if option year exercised):	71 buoys

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-24	829.300	A29	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2473	Off Position / Hors Position	11/10/2012	3
A-24	829.300	A29	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2757	Off Position / Hors Position	08/10/2009	3
A-24	828.000	A22	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2198	Extinguished / Éteinte	05/09/2012	2
A-24	791.000	U4	1.5m SB 98 plastique	1.5m SB 98 plastic	M1282	Extinguished / Éteinte	21/05/2011	3
A-24	791.000	U4	1.5m SB 98 plastique	1.5m SB 98 plastic	M2858	Extinguished / Éteinte	21/10/2009	3
A-24	791.500	U9	1.5m SB 98 plastique	1.5m SB 98 plastic	M2752	Extinguished / Éteinte	01/10/2010	3
A-24	791.500	U9	1.5m SB 98 plastique	1.5m SB 98 plastic	M1257	Extinguished / Éteinte	19/05/2010	3
A-24	794.200	U12	1.5m SB 98 plastique	1.5m SB 98 plastic	M1412	Extinguished / Éteinte	05/06/2010	3
A-24	801.500	Q5	1.5m SB 98 plastique	1.5m SB 98 plastic	M1481	Extinguished / Éteinte	02/07/2013	2
A-24	802.000	Q6	1.5m SB 98 plastique	1.5m SB 98 plastic	M3176	Off Position / Hors Position	07/11/2011	2
A-24	802.000	Q6	1.5m SB 98 plastique	1.5m SB 98 plastic	M3087	Off Position / Hors Position	02/11/2011	2
A-24	802.000	Q6	1.5m SB 98 plastique	1.5m SB 98 plastic	M1075	Off Position / Hors Position	10/05/2011	2
A-24	802.000	Q6	1.5m SB 98 plastique	1.5m SB 98 plastic	M3164		26/11/2010	2
A-24	802.100	Q7	1.5m SB 98 plastique	1.5m SB 98 plastic	M3184		07/11/2011	2
A-24	802.100	Q7	1.5m SB 98 plastique	1.5m SB 98 plastic	M3183	Extinguished / Éteinte	07/11/2011	2
A-24	802.100	Q7	1.5m SB 98 plastique	1.5m SB 98 plastic	M3133	Off Position / Hors Position	04/11/2011	2
A-24	802.100	Q7	1.5m SB 98 plastique	1.5m SB 98 plastic	M3088	Off Position / Hors Position	02/11/2011	2
A-24	802.100	Q7	1.5m SB 98 plastique	1.5m SB 98 plastic	M3330	Partially Submerged / Partiellement Submergée	29/11/2011	2
A-24	802.100	Q7	1.5m SB 98 plastique	1.5m SB 98 plastic	M2846		19/10/2009	2
A-24	802.100	Q7	1.5m SB 98 plastique	1.5m SB 98 plastic	M2828		16/10/2009	2
A-24	802.100	Q7	1.5m SB 98 plastique	1.5m SB 98 plastic	M2768	Off Position / Hors Position	09/10/2009	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-24	802.200	Q8	1.5m SB 98 plastique	1.5m SB 98 plastic	M1129	Extinguished / Éteinte	30/05/2013	2
A-24	802.200	Q8	1.5m SB 98 plastique	1.5m SB 98 plastic	M1332	Extinguished / Éteinte	15/06/2013	2
A-24	802.200	Q8	1.5m SB 98 plastique	1.5m SB 98 plastic	M2196	Off Position / Hors Position	24/08/2009	2
A-24	806.000	Q14	1.5m SB 98 plastique	1.5m SB 98 plastic	M3035	Extinguished / Éteinte	07/11/2010	2
A-24	811.100	Q20	1.5m SB 98 plastique	1.5m SB 98 plastic	M1477	Extinguished / Éteinte	02/07/2013	2
A-24	811.200	Q21	1.5m SB 98 plastique	1.5m SB 98 plastic	M1478	Extinguished / Éteinte	02/07/2013	2
A-24	812.000	QA	0.6m espar plate (Short)	0.6m spar Can (Short)	M1479	Extinguished / Éteinte	02/07/2013	2
A-24	814.000	A3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2196	Extinguished / Éteinte	05/09/2012	2
A-24	814.000	A3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3018	Extinguished / Éteinte	05/11/2010	2
A-24	814.000	A3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1330	Extinguished / Éteinte	08/06/2009	2
A-24	815.300	A4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2411	Extinguished / Éteinte	22/08/2011	2
A-24	5790.025	U33	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1991	Off Position / Hors Position	30/07/2010	3
A-24	5790.055	U37	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1892	Partially Submerged / Partiellement Submergée	22/07/2010	3
A-24	5812.030	Q25	1.5m SB 98 plastique	1.5m SB 98 plastic	M1480	Off Position / Hors Position	20/06/2009	2
A-24	5812.035	QD1	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1971	Off Position / Hors Position	07/08/2009	3
A-24	5812.035	QD1	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1925	Off Position / Hors Position	04/08/2009	3
A-24	5812.045	Q23	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1480	Off Position / Hors Position	20/06/2009	3
A-24	5814.015	AC2	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2402	Off Position / Hors Position	05/09/2010	3
A-24	5828.030	A36	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2153	Off Position / Hors Position	02/08/2011	3
A-24	823.000	A19	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2197	Extinguished / Éteinte	05/09/2012	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-24	791.000	U4	Alder Point light buoy U4	4276	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	4.50	46º 18' 56.2"	60º 17' 5.2"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-24	791.500	U9	Little Bras d'or Entrance light buoy U9	4276	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	9.10	46º 18' 46.2"	60º 17' 5.2"	2500	lb	Concrete	18.2	20	Chain	2016	3	3
A-24	794.200	U12	McCreadyville light buoy U12	4276	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	3.70	46º 18' 38.7"	60º 17' 7.4"	2500	lb	Concrete	5.4	20	Chain	2016	3	3
A-24	801.500	Q5	Little Shoal light buoy Q5	4277(I)	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	9.90	46º 18' 17.4"	60º 23' 58.8"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	802.000	Q6	Great Bras d'Or Inner light buoy Q6	4277(I)	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	12.60	46º 17' 56.8"	60º 24' 20.1"	8000	lb	Serrated	0	26	Chain	2016	3	2
A-24	802.100	Q7	Gooseberry Beach light buoy Q7	4277(I)	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	11.00	46º 17' 54"	60º 24' 18.4"	8000	lb	Serrated	27	26	Chain	2016	3	2
A-24	802.200	Q8	Carey Point light buoy Q8	4277(I)	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	11.00	46º 17' 43"	60º 24' 33.9"	8000	lb	Serrated	27	26	Chain	2016	3	2
A-24	804.800	Q10	Big Bras d'or Inner light buoy Q10	4277(I)	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	10.30	46º 16' 26.8"	60º 26' 46.5"	2500		Concrete	27.4	20	Chain	2016	3	2
A-24	805.000	Q11	Chain Point Shoal light buoy Q11	4277	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	11.10	46º 15' 40"	60º 27' 29.8"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	805.800	Q12	Seal Reefs light buoy Q12	4277(I)	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	21.30	46º 14' 4.2"	60º 29' 20.2"	2500	lb	Serrated	54.8	20	Chain	2016	3	2
A-24	806.000	Q14	Seal Reefs light buoy Q14	4277(I)	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	24.00	46º 13' 50.2"	60º 29' 34.7"	2500	lb	Serrated	55	20	Chain	2016	3	2
A-24	807.000	Q15	Lime Rock light buoy Q15	4277(I)	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	5.00	46º 13' 27.2"	60º 29' 57.3"	2500	lb	Serrated	36.6	20	Chain	2016	3	2
A-24	811.100	Q20	MacRae Point light buoy Q20	4278	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	10.50	46º 6' 32.2"	60º 39' 56.2"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	811.200	Q21	Fraser Point light buoy Q21	4278	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	10.50	46º 6' 19.2"	60º 39' 56.2"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	812.000	QA	MacRae Point Shoal bifurcation light buoy QA	4278	Night	0.6m Spar Can (Short)	510	Steel	Green-red-green	Seasonal	8.00	46º 6' 2"	60º 40' 31.1"	2500	lb	Concrete	27.4	28	Chain	2016	3	2
A-24	813.500	A2	Bone Shoal light buoy A2	4278	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	10.90	46º 5' 19.5"	60º 44' 27.5"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	814.000	A3	Bone Island light buoy A3	4278	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	12.40	46º 5' 3.6"	60º 44' 52.5"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	815.300	A4	Stony Shoal light buoy A4	4278	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	19.10	46º 4' 54.5"	60º 46' 18.4"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	816.000	A9	Brian Point light buoy A9	4278	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	12.80	46º 3' 38.2"	60º 51' 56.3"	2500	lb	Concrete	27.4	20	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-24	817.000	A11	MacIvers Point light buoy A11	4278	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	14.60	46° 2' 27.2"	60° 55' 33.3"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	818.000	A13	MacIvers Point West light buoy A13	4278(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	10.00	46° 2' 12.2"	60° 55' 40"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	818.500	A14	MacIvers Point light buoy A14	4278(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	10.10	46° 2' 5.4"	60° 55' 47.7"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-24	819.000	A16	MacIvers Point light buoy A16	4278(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	9.20	46° 1' 58.7"	60° 55' 58.3"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-24	822.000	A17	MacIvers Bank East light buoy A17	4278(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	9.00	46° 1' 48.7"	60° 56' 18.3"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-24	823.000	A19	MacIvers Bank light buoy A19	4278(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	10.00	46° 1' 35.4"	60° 56' 54.3"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-24	828.000	A22	Donald Williams Point light buoy A22	4278(I)	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	10.50	46° 0' 39.1"	60° 57' 34.1"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-24	829.000	A25	Eel Shoal light buoy A25	4278(I)	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	11.00	46° 0' 20.3"	60° 57' 43"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	5790.010	UAC	Alder Point Wharf Spar UAC	4276	Unlit	0.6m Spar Can (Short)	510	Steel	Green-red-green	Seasonal	6.40	46° 18' 28.2"	60° 17' 5.8"	1000	lb	Concrete	9.1	28	Chain	2016	3	3
A-24	5790.020	UA2	Little Bras D'or Red Spar UA2	4276	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	46° 18' 28"	60° 17' 1.2"	1000	lb	Concrete	9.1	16	Chain	2016	3	3
A-24	5790.030	UA4	Little Bras D'or Red Spar UA4	4276	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	46° 18' 28.9"	60° 16' 58.4"	1000	lb	Concrete	9.1	16	Chain	2016	3	3
A-24	5790.040	UF1	Crawley Creek Green Spar UF1	4276	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.50	46° 18' 26"	60° 17' 10.1"	1000	lb	Concrete	3.6	16	Chain	2016	3	3
A-24	5790.050	UF2	Crawley Creek Red Spar UF2	4276	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.50	46° 18' 27"	60° 17' 9.2"	1000	lb	Concrete	3.6	16	Chain	2016	3	3
A-24	5812.010	QH	Barra Shoal Spar QH	4278	Unlit	0.6m Spar Can (Short)	510	Steel	Green-red-green	Seasonal	8.00	45° 58' 16.7"	60° 47' 29.3"	2500	lb	Concrete	18.2	28	Chain	2016	3	3
A-24	5812.020	Q19	Fraser Point Shoal Spar Q19	4278	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	12.20	46° 6' 21.2"	60° 39' 13.3"	2500	lb	Concrete	18.2	20	Chain	2016	3	2
A-24	5812.030	Q25	Big Shoal Spar Q25	4278	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	12.80	46° 1' 21.7"	60° 43' 9.3"	2500	lb	Concrete	27.4	20	Chain	2016	3	2
A-24	5814.010	A5	Crow Point Spar A5	4278	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	10.00	46° 4' 26.2"	60° 46' 45.3"	2500	lb	Concrete	18.2	20	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-24	5814.020	A7	Murphy Point Spar A7	4278	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	13.00	46° 3' 31.7"	60° 49' 24.8"	1000	lb	Concrete	18.2	16	Chain	2017	3	3
A-24	5814.030	A12	MacIvers Point Spar A12	4278(I)	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	11.40	46° 2' 18.2"	60° 55' 42.2"	2500	lb	Concrete	13.7	20	Chain	2017	3	2
A-24	5814.040	A18	MacIvers Point Red Spar A18	4278(I)	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	8.20	46° 1' 46.3"	60° 56' 34.3"	2500	lb	Concrete	9.1	20	Chain	2017	3	2
A-24	5828.010	A23	Eel Shoal Green Spar A23	4278(I)	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	10.80	46° 0' 30.1"	60° 57' 36.3"	1000	lb	Concrete	13.7	20	Chain	2017	3	2
A-24	5828.020	A24	Green Point Red Spar A24	4278(I)	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	10.30	46° 0' 30.2"	60° 57' 43.5"	1000	lb	Concrete	13.7	20	Chain	2017	3	2
Buoys included in contract from July 2016																						
A-24	829.100	A27	Great Bras D'or light buoy A27	4278(I)	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.50	45° 59' 49.2"	60° 58' 50.3"	200	lb	Concrete	18.2	16	Chain	2016	3	3
A-24	829.200	A28	Great Bras D'or light buoy A28	4278(I)	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	45° 59' 40.7"	60° 59' 3.3"	500	lb	Concrete	15.2	16	Chain	2016	3	3
A-24	829.300	A29	Little Narrows light buoy A29	4278	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal		45° 59' 25.6"	60° 59' 15.5"	500	lb	Concrete	15	16	Rope	2016	3	3
A-24	5790.015	U32	Little Bras D'or U32	4276	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	46° 15' 4.7"	60° 17' 44.2"	200	lb	Concrete	9.1	14	Chain	2017	3	3
A-24	5790.025	U33	Little Bras D'or U33	4276	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.20	46° 15' 2.2"	60° 17' 42.2"	200	lb	Concrete	9.1	14	Chain	2017	3	3
A-24	5790.035	U35	Little Bras D'or U35	4276	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.20	46° 14' 55.2"	60° 17' 49.2"	200	lb	Concrete	9.1	14	Chain	2017	3	3
A-24	5790.045	U36	Little Bras D'or U36	4276	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	8.50	46° 14' 52.8"	60° 17' 59.6"	200	lb	Concrete	10.6	14	Chain	2017	3	3
A-24	5790.055	U37	Little Bras D'or U37	4276	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	46° 14' 44.2"	60° 18' 4.2"	200	lb	Concrete	10.6	14	Chain	2016	3	3
A-24	5790.060	U38	Little Bras D'or U38	4276	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	46° 14' 43.2"	60° 18' 11.2"	200	lb	Concrete	9.1	14	Chain	2017	3	3
A-24	5790.070	U41	Little Bras D'or U41	4277	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.30	46° 13' 59.2"	60° 18' 38.2"	200	lb	Concrete	10.6	14	Chain	2017	3	3
A-24	5790.080	U43	Little Bras D'or U43	4277	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	46° 13' 48.2"	60° 18' 56.2"	200	lb	Concrete	9.1	14	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-24	5790.090	U44	Little Bras D'or U44	4277	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	11.50	46º 13' 33.2"	60º 19' 40.2"	200	lb	Concrete	10.6	14	Chain	2017	3	3
A-24	5812.015	AA1	Great Bras D'or Spar Buoy AA1	4278	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	46º 4' 53.7"	60º 44' 45.3"	200	lb	Concrete	12.1	16	Chain	2017	3	3
A-24	5812.025	AA2	Great Bras D'or AA2	4278	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.60	46º 4' 47.2"	60º 44' 29.3"	200	lb	Concrete	12.2	14	Chain	2017	3	3
A-24	5812.035	QD1	Great Bras D'or QD1	4278	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.30	46º 1' 32.2"	60º 46' 22.6"	200	lb	Concrete	12.1	14	Chain	2017	3	3
A-24	5812.045	Q23	Great Bras D'or Q23	4278	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.10	46º 5' 5.7"	60º 40' 30.3"	200	lb	Concrete	13.7	16	Chain	2017	3	3
A-24	5814.015	AC2	Great Bras D'or AC2	4278	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.60	46º 3' 2.5"	60º 50' 9.3"	200	lb	Concrete	12.1	14	Chain	2017	3	3
A-24	5814.025	AC3	Great Bras D'or AC3	4278	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.10	46º 2' 56.7"	60º 50' 15.3"	200	lb	Concrete	15.2	14	Chain	2017	3	3
A-24	5814.035	AC9	Great Bras D'or AC9	4278	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 1' 44.7"	60º 51' 23.3"	200	lb	Concrete	4.5	14	Chain	2017	3	3
A-24	5814.045	AC12	Great Bras D'or AC12	4278	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46º 1' 30.7"	60º 51' 42.3"	200	lb	Concrete	9.1	14	Chain	2017	3	3
A-24	5828.030	A36	Great Bras D'or A36	4278	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.60	45º 59' 12.7"	60º 59' 25.3"	200	lb	Concrete	12.1	16	Chain	2017	3	3
A-24	5828.040	A44	Great Bras D'or A44	4278	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.80	45º 57' 57.7"	61º 6' 46.3"	200	lb	Concrete	6	14	Chain	2017	3	3
A-24	5828.050	A45	Great Bras D'or A45	4278	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 58' .7"	61º 6' 51.3"	200	lb	Concrete	6	14	Chain	2017	3	3
A-24	845.100	KP2	Great Bras D'or (St. Anns Bay) light buoy KP2	4277	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	4.80	46º 18' 2.2"	60º 31' 47.3"	1500	lb	Serrated	9.1	20	Chain	2016	3	3
A-24	845.300	KP7	Great Bras D'Or (St. Anns Bay) light buoy KP7	4277(I)	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	5.10	46º 17' 32.04"	60º 32' 18.78"	800	kg	Concrete	9	20	Chain	2016	3	3
A-24	845.400	KP8	Port Shoal Light Buoy KP8	4277	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	8.00	46º 17' .2"	60º 33' 1.2"	500	lb	Concrete	15	To Be Fixed	Chain	2016	3	3
A-24	5812.050	KP1	Great Bras D'or (St. Anns Bay) KP1	4277	Unlit	0.75m Plastic Can (SB75)		Plastic	Green	Seasonal	5.20	46º 17' 59.2"	60º 31' 41.3"	1000	lb	Concrete	9	20	Chain	2017	3	3
A-24	5812.070	KP3	Great Bras D'or (St. Anns Bay) KP3	4277(I)	Unlit	0.75m Plastic Can (SB75)		Plastic	Green	Seasonal	5.40	46º 17' 46.38"	60º 31' 57.42"	1000	lb	Concrete	9	20	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-24	5812.080	KP4	Great Bras D'or (St. Anns Bay) KP4	4277(I)	Unlit	0.75m Plastic Conical (SB75		Plastic	Red	Seasonal	5.40	46º 17' 47.3"	60º 32' 4.4"	1000	lb	Concrete	9	20	Chain	2017	3	3
A-24	5812.090	KP5	Great Bras D'or (St. Anns Bay) KP5	4277(I)	Unlit	0.75m Plastic Can (SB75)		Plastic	Green	Seasonal	4.50	46º 17' 37.3"	60º 32' 12.4"	1000	lb	Concrete	9	20	Chain	2017	3	3

Contract Area name:	Bras D'or Lakes including Lennox Passage (Coastal)		
Contract Area no.:	A-25		
Province(s):	Nova Scotia		
Contract Area Description:	Includes Bras D'or Lakes and Lennox Passage (Coastal)		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown, PE		
Commissioning date:	May 15th		
Decommissioning date:	November 15th		
Total no. of buoys:	50		
Max. buoy size(m) diameter :	0.6		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	510		
Maximum water depth (m) :	20		
Operational Season:	May 15th to November 15th		
Overview of work activities:	All of the buoys are 'seasonal'. 5 are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule The new contract for this area will start on July 2nd, 2015.		

Contract Area name:	Bras D'or Lakes including Lennox Passage (Coastal)
Contract Area no.:	A-25

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>	
Name	No. of buoys	Last option expiry year		
Bras D'or Lakes / St. Peters Inlet (partial)	21	2015		
Total, 2015:	21		2015 - 2016:	21 buoys
Bras D'or Lakes / Great & Little Bras D'or (partial)	29	2016		
Additional sub-total, 2016:	29		2016 to 2019 (or 2020 if option year exercised):	50 buoys

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-25	835.800	E3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1485	Extinguished / Éteinte	02/07/2013	3
A-25	835.800	E3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2295	Extinguished / Éteinte	26/08/2010	3
A-25	5835.805	E4	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2485	Off Position / Hors Position	17/09/2009	3
A-25	5835.810	E1	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1644	Off Position / Hors Position	16/07/2012	3
A-25	5835.860	E11	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1642	Off Position / Hors Position	16/07/2012	3
A-25	5835.880	EA2	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1970	Off Position / Hors Position	18/07/2011	3
A-25	5837.020	D3	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1809	Off Position / Hors Position	21/07/2009	3
A-25	5837.100	DC3	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1734	Off Position / Hors Position	13/07/2009	3
A-25	5839.045	QK1	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1998	Partially Submerged / Partiellement Submergée	02/08/2010	3
A-25	5839.060	Q49	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2052	Not Reliable / pas fiable	03/09/2013	3
A-25	5839.060	Q49	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2048	Not Reliable / pas fiable	03/09/2013	3
A-25	5839.080	Q51	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2053	Not Reliable / pas fiable	03/09/2013	3
A-25	5839.080	Q51	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2049	Not Reliable / pas fiable	03/09/2013	3
A-25	5839.080	Q51	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1675	Off Position / Hors Position	21/07/2013	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-25	837.000	DA2	Paddle Shoal light buoy DA2	4279	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	14.60	45º 48' 17.4"	60º 57' 49.4"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-25	839.000	Q35	Kelly Shoals light buoy Q35	4279	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	9.90	45º 46' 10.6"	60º 49' 25.7"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-25	841.500	Q43	Scotts Island light buoy Q43	4275	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	10.00	45º 41' 32.2"	60º 48' 30.87"	2500	lb	Concrete	18.2	20	Chain	2016	3	3
A-25	5812.040	Q31	Barra Strait Pier Green Spar Q31	4278(I)	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	20.00	45º 57' 25.9"	60º 47' 54.3"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-25	5839.010	QN	KELLY SHOALS G/R/G SPAR QN	4279	Unlit	0.6m Spar Can (Short)	510	Steel	Green-red-green	Seasonal	12.00	45º 45' 27.6"	60º 48' 5"	2500	lb	Concrete	27.4	28	Chain	2017	3	3
A-25	5839.020	Q38	ST. PETERS INLET Q38	4275	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	12.80	45º 42' 49.2"	60º 48' 7.37"	500	lb	Concrete	27.4	16	Chain	2017	3	3
A-25	5839.030	Q39	St. Peters Inlet Q39	4275	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.80	45º 42' 42.2"	60º 48' 6.87"	500	lb	Concrete	27.4	16	Chain	2017	3	3
A-25	5839.040	Q42	ST. PETERS INLET Q42	4275	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.00	45º 42' 11.7"	60º 47' 41.37"	500	lb	Concrete	18.2	16	Chain	2017	3	3
A-25	5839.050	Q46	ST. PETERS INLET Q46	4275	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.50	45º 41' 24.2"	60º 49' 13.87"	500	lb	Concrete	18.2	16	Chain	2017	3	3
A-25	5839.060	Q49	ST. PETERS INLET Q49	4275	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	45º 40' 56.7"	60º 49' 41.37"	500	lb	Concrete	18.2	16	Chain	2017	3	3
A-25	5839.070	Q50	ST. PETERS INLET Q50	4275	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	45º 40' 34.7"	60º 49' 49.37"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-25	5839.080	Q51	ST PETERS INLET Q51	4275	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	45º 40' 26.7"	60º 49' 51.37"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-25	5839.090	Q52	St. Peters Inlet Buoy Q52	4275	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.40	45º 40' 25.7"	60º 49' 59.37"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-25	5839.100	Q54	ST PETERS INLET Q54	4275	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	45º 40' 28.7"	60º 50' 15.37"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-25	5839.110	Q56	ST PETERS INLET Q56	4275	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.30	45º 40' 20.7"	60º 50' 33.87"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-25	5839.115	Q60	St. Peters Inlet Buoy Q60	4275	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	45º 39' 38"	60º 51' 31"	500	lb	Concrete	9.1	16	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-25	5839.120	Q61	ST PETERS INLET Q61	4275	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.40	45º 39' 31.2"	60º 51' 43.87"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-25	5839.130	Q62	ST PETERS INLET Q62	4275	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.40	45º 39' 33.2"	60º 51' 39.87"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-25	5839.140	Q63	ST PETERS INLET Q63	4275	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	45º 39' 30.4"	60º 51' 54.67"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-25	5839.150	Q65	ST PETERS INLET Q65	4275	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	45º 39' 29.8"	60º 51' 55.77"	500	lb	Concrete	9.1	16	Chain	2017	3	3
A-25	5839.160	Q67	ST PETERS INLET Q67	4275	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	45º 39' 29.3"	60º 51' 57.57"	500	lb	Concrete	9.1	16	Chain	2017	3	3
Buoys included in contract from July 2016																						
A-25	835.800	E3	McPhee Island light buoy E3	4279(I)	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.50	45º 56' 28.8"	60º 32' 12.4"	200	lb	Concrete	9.1	16	Chain	2016	3	3
A-25	836.100	D1	Poor Point light buoy D1	4279	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	6.60	45º 46' 40.5"	60º 56' 29"	2500	lb	Concrete	20	20	Chain	2016	3	3
A-25	5835.805	E4	Bras D'or Lakes E4	4279(I)	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.30	45º 56' 46"	60º 32' 22.5"	200	lb	Concrete	10.6	14	Chain	2017	3	3
A-25	5835.810	E1	Bras D'or Lakes E1	4279	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.40	45º 56' 2.5"	60º 33' 23.7"	200	lb	Concrete	10.6	16	Chain	2017	3	3
A-25	5835.830	E5	Bras D'or Lakes E5	4279	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	15.2	14	Chain	2017	3	3
A-25	5835.840	E8	Bras D'or Lakes E8	4279	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.80	0º 0' 0"	0º 0' 0"	200	lb	Concrete	9.1	14	Chain	2017	3	3
A-25	5835.850	E10	Bras D'or Lakes E10	4279	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	0º 0' 0"	0º 0' 0"	200	lb	Concrete	9.1	14	Chain	2017	3	3
A-25	5835.860	E11	Bras D'or Lakes E11	4279	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	10.6	14	Chain	2017	3	3
A-25	5835.870	EA1	Bras D'or Lakes EA1	4279(I)	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.20	45º 58' 50.4"	60º 27' 54.5"	200	lb	Concrete	6	16	Chain	2017	3	3
A-25	5835.880	EA2	Bras D'or Lakes EA2	4279(I)	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.60	45º 58' 59.8"	60º 28' 13"	200	lb	Concrete	7.6	14	Chain	2017	3	3
A-25	5837.020	D3	Bras D'or Lakes D3	4279	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.60	45º 46' 15.4"	60º 57' 58.1"	200	lb	Concrete	18.2	10	Chain	2017	3	3
A-25	5837.030	D5	Bras D'or Lakes D5	4279	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.90	45º 46' 25.1"	60º 59' 24.3"	200	lb	Concrete	15.2	14	Chain	2017	3	3
A-25	5837.040	D8	Bras D'or Lakes D8	4279	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	9.10	45º 44' 42.8"	61º 4' 38.9"	200	lb	Concrete	10.6	14	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-25	5837.050	DA3	Bras D'or Lakes DA3	4279	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.10	45º 48' 26.4"	60º 59' 8.4"	200	lb	Concrete	12.1	16	Chain	2017	3	3
A-25	5837.060	DA4	Bras D'or Lakes DA4	4279	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	12.10	45º 48' 43.8"	60º 59' 16.7"	200	lb	Concrete	18.2	14	Chain	2017	3	3
A-25	5837.070	DA6	Bras D'or Lakes DA6	4279	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.90	45º 49' 4.5"	61º 0' 41.2"	200	lb	Concrete	12.1	14	Chain	2017	3	3
A-25	5837.080	DA7	Bras D'or Lakes DA7	4279	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.10	45º 49' 2.2"	61º 0' 54"	200	lb	Concrete	15.2	14	Chain	2017	3	3
A-25	5837.090	DC2	Bras D'or Lakes DC2	4279	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.40	45º 47' 47.9"	61º 4' 9"	200	lb	Concrete	10.6	14	Chain	2017	3	3
A-25	5837.100	DC3	Bras D'or Lakes DC3	4279	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	9.1	14	Chain	2017	3	3
A-25	5837.110	DC4	Bras D'or Lakes DC4	4279	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	7.6	14	Chain	2017	3	3
A-25	5837.120	DC5	Bras D'or Lakes DC5	4279	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	15.2	14	Chain	2017	3	3
A-25	5837.130	DC6	Bras D'or Lakes DC6	4279	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	7.6	14	Chain	2017	3	3
A-25	5839.015	C52	Bras D'or Lakes C52	4279	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.60	45º 54' 43.8"	60º 54' 34.9"	200	lb	Concrete	18.2	16	Chain	2017	3	3
A-25	5839.025	C61	Bras D'or Lakes C61	4279	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	45º 53' 57"	61º 2' 6.4"	200	lb	Concrete	10.6	14	Chain	2017	3	3
A-25	5839.035	C62	Bras D'or Lakes C62	4279	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	45º 53' 38.1"	61º 1' 24.8"	200	lb	Concrete	10	16	Chain	2017	3	3
A-25	5839.045	QK1	Bras D'or Lakes QK1	4279	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.10	45º 47' 26.5"	60º 45' 31.8"	200	lb	Concrete	15.2	14	Chain	2017	3	3
A-25	5839.055	QN10	Bras D'or Lakes QN10	4275	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	10.60	45º 43' 43.2"	60º 46' 52.37"	200	lb	Concrete	22.8	10	Chain	2017	3	3
A-25	5839.065	QP5	Bras D'or Lakes QP5	4275	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	9.70	45º 43' 45.2"	60º 45' 39.87"	200	lb	Concrete	15.2	14	Chain	2017	3	3
A-25	5839.075	QP6	Bras D'or Lakes QP6	4275	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	45º 43' 54.2"	60º 45' 9.87"	200	lb	Concrete	10.6	14	Chain	2017	3	3

Contract Area name:	Ingonish to Dingwall
Contract Area no.:	A-26
Province(s):	Nova Scotia
Contract Area Description:	Includes the area from Ingonish to Dingwall
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown, PE
Commissioning date:	April 1st
Decommissioning date:	December 15th
Total no. of buoys:	18
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	1136
Maximum buoy weight (kg) :	510
Maximum water depth (m) :	30
Operational Season:	April 1st to December 15th
Overview of work activities:	4 of the buoys are 'year round', 2 are Seasonal (in place year round) and 12 buoys are 'seasonal'. 9 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule The new contract for this area will start on July 2nd, 2015.

Contract Area name:	Ingonish to Dingwall
Contract Area no.:	A-26

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 3 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>
Name	No. of buoys	Last option expiry year		
Dingwall Harbour	6	2015		
Ingonish	9			
Total, 2015:	15			2015 - 2016: 15 buoys
Neil's harbour / New Haven	3	2016		
Additional sub-total, 2016:	3			2016 to 2019 (or 2020 if option year exercised): 18 buoys

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-26	851.300	KC1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2374	Extinguished / Éteinte	03/09/2010	3
A-26	857.200	KA6	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2504	Extinguished / Éteinte	20/10/2013	3
A-26	857.300	KA9	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M889	Partially Submerged / Partiellement Submergée	07/05/2013	3
A-26	857.300	KA9	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2505	Extinguished / Éteinte	20/10/2013	3
A-26	5848.020	KM2	0.6m espar conique (longue)	0.6m spar Conical (Long)	M934	Off Position / Hors Position	28/04/2011	3
A-26	849.300	KH2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1679	Extinguished / Éteinte	01/07/2010	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-26	847.300	KM6	Ingonish Harbour light buoy KM6	4365	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	10.90	46º 37' 58.2"	60º 23' 23"	1500	lb	Serrated	18.2	20	Chain	2016	3	3
A-26	848.600	KM3	Ingonish Harbour light buoy KM3	4365	Night	0.6m Spar Can (Long)	510	Steel	Green	Seasonal (in place year round)	6.40	46º 37' 58.46"	60º 23' 9.921"	2500	lb	Concrete	18.2	20	Chain	2016	3	3
A-26	848.700	KM4	Ingonish Harbour light buoy KM4	4365	Night	0.6m Spar Conical (Short)	510	Steel	Red	Seasonal (in place year round)	4.90	46º 37' 59.71"	60º 23' 10.43"	2500	lb	Concrete	9.1	20	Chain	2016	3	3
A-26	849.000	KH	Ingonish Island South Cardinal light buoy KH	4365	Night	GDI 1.22m Tower		Plastic	Yellow-black	Seasonal	30.00	46º 40' 44.4"	60º 20' 38.1"	1760	lb	Serrated	82	To Be Fixed	Chain	2016	3	3
A-26	849.300	KH2	Ingonish Harbour North light buoy KH2	4365	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.30	46º 41' 22.22"	60º 21' 38.96"	800	kg	Serrated	8.2	20	Chain	2016	3	3
A-26	857.200	KA6	Dingwall Harbour North light buoy KA6	4365	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.80	46º 54' 14.12"	60º 27' 15.5"	500	lb	Concrete	5.4	16	Chain	2016	3	3
A-26	857.300	KA9	Dingwall Harbour South light buoy KA9	4365	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	5.40	46º 54' 12.3"	60º 27' 22.25"	500	lb	Concrete	5.4	16	Chain	2016	3	3
A-26	5848.010	KM1	Ingonish Harbour Outer Green Spar KM1	4365	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.40	46º 38' .02"	60º 22' 59.941"	1500	lb	Serrated	18.2	20	Chain	2017	3	3
A-26	5848.020	KM2	Ingonish Harbour Outer Red Spar KM2	4365	Unlit	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	8.10	46º 38' 2.3"	60º 23' .69"	2500	lb	Concrete	18.2	20	Chain	2017	3	3
A-26	5848.050	KM5	Ingonish Harbour Inner green spar KM5	4365	Unlit	0.6m Spar Can (Long)	510	Steel	Green	Year Round	5.40	46º 37' 59.1"	60º 23' 20.7"	2500	lb	Concrete	18.2	20	Chain	2017	3	3
A-26	5848.060	KM10	INGONISH HARBOUR RED SPAR KM10	4365	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.50	46º 38' 12"	60º 23' 37"	1000	lb	Concrete	9.1	16	Chain	2017	3	3
A-26	5856.010	KA1	Dingwall Outer green spar KA1	4365	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	46º 54' 13.82"	60º 26' 54.55"	1000	lb	Concrete	9.1	16	Chain	2017	3	3
A-26	5856.020	KA2	Dingwall outer red spar KA2	4365	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	46º 54' 15.32"	60º 26' 55.05"	1000	lb	Concrete	9.1	16	Chain	2017	3	3
A-26	5856.030	KA5	Dingwall Harbour inner green spar KA5	4365	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.80	46º 54' 13.62"	60º 27' 13.55"	500	lb	Concrete	5.4	16	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-26	5856.040	KA8	Dingwall Harbour inner red spar KA8	4365	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	46º 54' 13.42"	60º 27' 19.55"	500	lb	Concrete	5.4	16	Chain	2017	3	3
Buoys included in contract from July 2016																						
A-26	850.100	KD1	Neil's Harbour Light buoy	4363	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.10	46º 48' 25.32"	60º 19' 20.52"	1000	lb	Concrete	18.2	16	Chain	2016	3	3
A-26	851.300	KC1	New Haven Breakwater light buoy KC1	4363	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	3.60	46º 49' 17.42"	60º 19' 6.32"	1500	lb	Serrated	18.2	20	Chain	2016	3	3
A-26	5851.100	KC2	New Haven red spar buoy KC2	4363	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal		46º 49' 17.64"	60º 19' 4.62"	500	lb	Concrete	9.1	To Be Fixed	Chain	2017	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Cheticamp to Margaree
Contract Area no.:	A-27
Province(s):	Nova Scotia
Contract Area Description:	Includes the area from Cheticamp to Margaree.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown, PE
Commissioning date:	April 15th
Decommissioning date:	November 30th
Total no. of buoys:	19
Max. buoy size(m) diameter :	0.8
Maximum anchor size (weight (kg)):	1136
Maximum buoy weight (kg) :	637
Maximum water depth (m) :	12.8
Operational Season:	April 15th to November 30th
Overview of work activities:	All of the buoys are 'seasonal'. 14 buoys are lit. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule The new contract for this area will start on July 2nd, 2015.

Contract Area name:	Cheticamp to Margaree
Contract Area no.:	A-27

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>			
Name	No. of buoys	Last option expiry year					
Margaree Harbour	12		2015				
Total, 2015:	12			2015 - 2016:	12 buoys		
Cheticamp	7		2016				
Additional sub-total, 2016:	7			2016 to 2019 (or 2020 if option year exercised):	19 buoys		

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-27	5873.200	VH9/1	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2674	Off Position / Hors Position	23/09/2010	3
A-27	863.100	VD2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2834	Reduced Intensity / Intensité réduite	05/12/2012	3
A-27	864.000	VD4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1410	Extinguished / Éteinte	25/06/2013	3
A-27	866.100	VD8	1.5m SB 98 plastique	1.5m SB 98 plastic	M1926	Extinguished / Éteinte	04/08/2009	3
A-27	866.200	VD9	1.5m SB 98 plastique	1.5m SB 98 plastic	M2787	Off Position / Hors Position	07/12/2013	3
A-27	866.200	VD9	1.5m SB 98 plastique	1.5m SB 98 plastic	M2889	Off Position / Hors Position	08/10/2011	3
A-27	866.600	VD14	1.5m SB 98 plastique	1.5m SB 98 plastic	M1957	Extinguished / Éteinte	18/07/2011	3
A-27	866.900	VD21	1.5m SB 98 plastique	1.5m SB 98 plastic	M1278	Extinguished / Éteinte	11/06/2013	3
A-27	873.220	VH9	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2440	Extinguished / Éteinte	11/10/2013	3
A-27	873.230	VH11	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1405	Extinguished / Éteinte	31/05/2011	3
A-27	873.300	VH12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1220	Extinguished / Éteinte	05/06/2013	3
A-27	873.300	VH12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1496	Extinguished / Éteinte	14/06/2010	3
A-27	873.300	VH12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1212	Not Reliable / pas fiable	14/05/2010	3
A-27	873.300	VH12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1353	Extinguished / Éteinte	09/06/2009	3
A-27	5872.400	VH10.2	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2675	Off Position / Hors Position	23/09/2010	3
A-27	866.500	VD15	1.5m SB 98 plastique	1.5m SB 98 plastic	M2496	Off Position / Hors Position	30/08/2011	3
A-27	866.500	VD15	1.5m SB 98 plastique	1.5m SB 98 plastic	M1956	Extinguished / Éteinte	18/07/2011	3
A-27	866.500	VD15	1.5m SB 98 plastique	1.5m SB 98 plastic	M2924	Off Position / Hors Position	22/10/2010	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-27	873.100	VH8	Margaree Harbour light buoy VH8	4449	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46º 26' 29.254"	61º 6' 47.329"	400	lb	Concrete	7.5	16	Chain	2016	3	3
A-27	873.220	VH9	Margaree Harbour light buoy VH9	4449	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.20	46º 26' 28.356"	61º 6' 39.827"	400	lb	Concrete	3	16	Chain	2016	3	3
A-27	873.230	VH11	Margaree Harbour light buoy VH11	4449	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.00	46º 26' 30.9"	61º 6' 30.3"	400	lb	Concrete	3	16	Chain	2016	3	3
A-27	873.300	VH12	Margaree Harbour Inner light buoy VH12	4449	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46º 26' 30.454"	61º 6' 31.828"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-27	5872.150	VH7	Margaree Harbour buoy VH7	4449	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	46º 26' 30.249"	61º 6' 45.259"	100	lb	Concrete	7.5	16	Rope	2017	3	3
A-27	5872.350	VH10	Margaree Harbour buoy VH10	4449	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.30	46º 26' 26.755"	61º 6' 40.829"	100	lb	Concrete	9.1	16	Rope	2017	3	3
A-27	5872.400	VH10.2	Margaree Harbour buoy VH10.2	4449	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.00	46º 26' 27.055"	61º 6' 36.229"	200	lb	Concrete	6	16	Chain	2017	3	3
A-27	5873.200	VH9/1	Margaree Harbour green can buoy VH9/1	4449	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	46º 26' 29.1"	61º 6' 34.8"	200	lb	Concrete	6	16	Chain	2017	3	3
A-27	5873.400	VH14	Margaree Harbour buoy VH14	4449	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.20	46º 26' 26.954"	61º 6' 26.527"	100	lb	Concrete	3	16	Rope	2017	3	3
A-27	5873.500	VH15	Margaree Harbour buoy VH15	4449	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.20	46º 26' 26.255"	61º 6' 24.328"	100	lb	Concrete	3	16	Rope	2017	3	3
A-27	5873.550	VH16	Margaree Harbour buoy VH16	4449	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	46º 26' 25.254"	61º 6' 25.128"	200	lb	Concrete	3	16	Rope	2017	3	3
A-27	5873.600	VH17	Margaree Harbour buoy VH17	4449	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.20	46º 26' 23.655"	61º 6' 23.329"	100	lb	Concrete	3	16	Rope	2017	3	3
Buoys included in contract from July 2016																						
A-27	863.100	VD2	Cheticamp Harbour light buoy VD2	4449	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	11.60	46º 38' 58.549"	61º 0' 28.314"	1500	lb	Serrated	22.9	22	Chain	2016	3	3
A-27	864.000	VD4	Cheticamp Harbour light buoy VD4	4449	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	5.00	46º 38' 45.547"	61º 0' 31.518"	1500	lb	Serrated	18.3	22	Chain	2016	3	3
A-27	866.100	VD8	Cheticamp Harbour light buoy VD8	4449	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	5.80	46º 38' 32.449"	61º 0' 34.814"	1200	lb	Concrete	15.2	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-27	866.200	VD9	Cheticamp Harbour light buoy VD9	4449	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	5.60	46° 38' 32.248"	61° 0' 32.814"	1200	lb	Concrete	15.2	16	Chain	2016	3	3
A-27	866.500	VD13	Cheticamp Inner light buoy VD13	4449	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	6.40	46° 38' 12.552"	61° 0' 38.316"	1200	lb	Concrete	15.2	16	Chain	2016	3	3
A-27	866.600	VD14	Cheticamp Inner light buoy VD14	4449	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	6.40	46° 38' 12.552"	61° 0' 40.214"	1200	lb	Concrete	18	16	Chain	2016	3	3
A-27	866.510	VD15	Cheticamp Inner light buoy VD15	4449	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Green	Seasonal	4.80	46° 38' 13.09"	61° 0' 38.86"	TBD	lb	Concrete	15.2	16	Chain	2017	3	3

Contract Area name:	Inverness to Port Hood
Contract Area no.:	A-28
Province(s):	Nova Scotia
Contract Area Description:	Includes the area from Inverness to Port Hood
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown, PE
Commissioning date:	April 15th, except as noted in comment, page 2.
Decommissioning date:	November 30th
Total no. of buoys:	31
Max. buoy size(m) diameter :	1.1
Maximum anchor size (weight (kg)):	1363
Maximum buoy weight (kg) :	110
Maximum water depth (m) :	18
Operational Season:	April 15th to November 30th
Overview of work activities:	<p>29 of the buoys are 'Seasonal (in place year round)', 2 are 'seasonal'. 13 buoys have removable lanterns.</p> <p>At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers.</p> <p>Decommissioning work includes removal of lanterns.</p> <p>For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly.</p> <p>The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement.</p> <p>This work is for year round buoys only.</p> <p>Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment.</p> <p>Unscheduled work includes response to discrepancies during the operational season.</p>
Comment:	<p>This area includes 12 stakes at Mabou, counted as 2 aids to navigation.</p> <p>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule</p> <p>The new contract for this area will start on July 2nd, 2015.</p>

Contract Area name:	Inverness to Port Hood
Contract Area no.:	A-28

Comment:

Inverness: The positions indicated are approximate and the contractor must have local knowledge to maintain buoys due to shifting channel .
Buoys must be placed by April 1st each year and lifted no earlier than December 1st each year if ice conditions permit.

Mabou: Local knowledge is required to maintain buoys & stakes in this contract, due to shifting channel .

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 3 current contracts in this Contract area, all of which expire in 2015.

Inverness 3 buoys
Mabou 19 buoys and 12 stakes
Port Hood 9 buoys

The new contract will start on July 2, 2015 and include 31 buoys as well as 12 stakes for contract period.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-28	882.200	VM4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1621	Extinguished / Éteinte	03/07/2009	3
A-28	874.600	VJ4	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M2401	Damaged / Endommagée	29/09/2012	2
A-28	874.600	VJ4	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M2768	Extinguished / Éteinte	23/09/2011	2
A-28	874.600	VJ4	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M1218	Off Position / Hors Position	17/05/2011	2
A-28	874.600	VJ4	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M1576	Off Position / Hors Position	22/06/2010	2
A-28	874.600	VJ4	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M1223	Not Reliable / pas fiable	17/05/2010	2
A-28	879.500	VK7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1907	Extinguished / Éteinte	12/07/2011	3
A-28	880.000	VK9	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1518	Extinguished / Éteinte	06/07/2013	3
A-28	882.100	VM3	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M804	Extinguished / Éteinte	23/04/2012	3
A-28	880.100	VK12	0.6m plastique Ice espar (23 ft. longue)	0.6m plastic Ice spar (23 ft. long)	M2875	Extinguished / Éteinte	06/10/2011	3
A-28	874.520	VJ1	GDI 0.9m plate	GDI 0.9m Can	M2765	Extinguished / Éteinte	23/09/2011	3
A-28	874.520	VJ1	GDI 0.9m plate	GDI 0.9m Can	M1215	Off Position / Hors Position	17/05/2011	3
A-28	874.520	VJ1	GDI 0.9m plate	GDI 0.9m Can	M1222	Extinguished / Éteinte	17/05/2010	3
A-28	874.530	VJ2	GDI 0.9m conique	GDI 0.9m Conical	M2587	Off Position / Hors Position	30/10/2013	3
A-28	874.530	VJ2	GDI 0.9m conique	GDI 0.9m Conical	M2566	Extinguished / Éteinte	25/10/2013	3
A-28	874.530	VJ2	GDI 0.9m conique	GDI 0.9m Conical	M2265	Extinguished / Éteinte	13/09/2012	3
A-28	874.530	VJ2	GDI 0.9m conique	GDI 0.9m Conical	M2766	Extinguished / Éteinte	23/09/2011	3
A-28	874.530	VJ2	GDI 0.9m conique	GDI 0.9m Conical	M1216	Off Position / Hors Position	17/05/2011	3
A-28	874.530	VJ2	GDI 0.9m conique	GDI 0.9m Conical	M2826	Off Position / Hors Position	16/10/2009	3
A-28	874.530	VJ2	GDI 0.9m conique	GDI 0.9m Conical	M2574	Off Position / Hors Position	24/09/2009	3
A-28	874.530	VJ2	GDI 0.9m conique	GDI 0.9m Conical	M1597	Extinguished / Éteinte	02/07/2009	3
A-28	874.530	VJ2	GDI 0.9m conique	GDI 0.9m Conical	M1597	Extinguished / Éteinte	02/07/2009	3
A-28	874.610	VJ8	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2769	Extinguished / Éteinte	23/09/2011	3
A-28	874.620	VJ9	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2770	Extinguished / Éteinte	23/09/2011	3
A-28	874.550	VJ3	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M861	Off Position / Hors Position	27/04/2012	2
A-28	874.550	VJ3	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M2914	Off Position / Hors Position	12/10/2011	2
A-28	874.550	VJ3	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M2767	Extinguished / Éteinte	23/09/2011	2
A-28	874.550	VJ3	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M1217	Off Position / Hors Position	17/05/2011	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-28	874.550	VJ3	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M2825	Off Position / Hors Position	16/10/2009	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-28	874.520	VJ1	Mabou Harbour light buoy VJ1	4448	Night	GDI 0.9m Can		Plastic	Green	Seasonal	1.80	46° 5' 25.02"	61° 28' 53.7"	1250	lb	Serrated	8.1	20	Chain	2016	3	3
A-28	874.530	VJ2	Mabou Harbour light buoy VJ2	4448	Night	GDI 0.9m Conical		Plastic	Red	Seasonal	1.80	46° 5' 23.04"	61° 28' 55.38"	1250	lb	Serrated	8.1	20	Chain	2016	3	3
A-28	874.550	VJ3	Mabou Harbour light buoy VJ3	4448	Night	2.0m MOBILIS TRACKLESS	110	Plastic	Green	Seasonal		46° 5' 18.24"	61° 28' 33.72"	1250	lb	Serrated	6.1	20	Chain	2016	3	2
A-28	874.600	VJ4	Mabou Harbour light buoy VJ4	4448	Night	2.0m MOBILIS TRACKLESS	110	Plastic	Red	Seasonal	3.00	46° 5' 17.16"	61° 28' 32.4"	1250	lb	Serrated	6.1	20	Chain	2016	3	2
A-28	874.610	VJ8	Mabou Harbour light buoy VJ8	4448	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	46° 5' 14.58"	61° 28' 13.44"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-28	874.620	VJ9	Mabou Harbour light buoy VJ9	4448	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.40	46° 5' 15.36"	61° 28' 13.14"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-28	876.300	VX1	Murphy Pond light buoy VX1	4448	Night	GDI 1100		Plastic	Green	Seasonal	2.40	46° 1' 27.66"	61° 32' 38.52"	2500	lb	Serrated	9.1	20	Chain	2016	3	3
A-28	879.500	VK7	Portsmouth Point light buoy VK7	4448	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	9.00	45° 59' 6.17"	61° 33' 19.6"	1500	lb	Serrated	23	22	Chain	2016	3	3
A-28	880.000	VK9	Spithead light buoy VK9	4448	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Green	Seasonal (in place year round)	11.00	45° 59' 43.17"	61° 32' 50.6"	2500	lb	Serrated	27	22	Chain	2016	3	3
A-28	880.100	VK12	Dean Shoal light buoy VK12	4448	Night	0.6m Plastic Ice Spar (23 ft. long)		Plastic	Red	Seasonal (in place year round)	11.00	45° 59' 58.17"	61° 32' 32.6"	2500	lb	Stone	27.4	22	Chain	2016	3	3
A-28	882.100	VM3	Henry Point light buoy VM3	4448	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	7.50	45° 59' 39.67"	61° 35' 9.6"	2500	lb	Concrete	13.7	22	Chain	2016	3	3
A-28	882.200	VM4	Henry Point light buoy VM4	4448	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal		45° 59' 27.5"	61° 35' 34.7"	2500	lb	Concrete	13.7	22	Chain	2016	3	3
A-28	882.500	VN2	Judique Shoals light buoy VN2	4462	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	14.00	45° 50' 16.27"	61° 33' 9.83"	3000	lb	Stone	36.6	22	Chain	2016	3	3
A-28	5874.310	VL1	Inverness Inner Green Can Buoy	4463	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	5.50	46° 13' 38.94"	61° 19' 17.7"	400	lb	Concrete	10.9	16	Chain	2017	3	3
A-28	5874.320	VL3	Inverness Inner Green Can Buoy VL3	4463	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.50	46° 13' 45.72"	61° 19' 4.74"	200	lb	Concrete	10.9	16	Chain	2017	3	3
A-28	5874.330	VL4	Inverness Inner Red Conical Buoy	4463	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.50	46° 13' 43.9"	61° 19' 2.22"	200	lb	Concrete	10.9	16	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-28	5874.531	VJ10	Mabou red plastic buoy VJ10	4448	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	46º 5' 14.06"	61º 28' 19"	200	lb	Concrete	3	16	Chain	2017	3	3
A-28	5874.540	VJ12	Mabou red plastic buoy VJ12	4448	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46º 5' 6.06"	61º 27' 49"	200	lb	Concrete	6	16	Chain	2017	3	3
A-28	5874.551	VJ14	Mabou red plastic buoy VJ14	4448	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.50	46º 4' 58.06"	61º 27' 34"	200	lb	Concrete	10	16	Chain	2017	3	3
A-28	5874.560	VJ15	Mabou green plastic buoy VJ15	4448	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.30	46º 4' 57.06"	61º 27' 25"	200	lb	Concrete	8	16	Chain	2017	3	3
A-28	5874.570	VJ16	Mabou red plastic buoy VJ16	4448	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46º 4' 51.06"	61º 27' 21"	200	lb	Concrete	6	16	Chain	2017	3	3
A-28	5874.580	VJ17	Mabou green plastic buoy VJ17	4448	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	46º 4' 51.06"	61º 27' 7"	200	lb	Concrete	6	16	Chain	2017	3	3
A-28	5874.590	VJ18	Mabou red plastic buoy VJ18	4448	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.70	46º 4' 46.06"	61º 27' 10"	200	lb	Concrete	8	16	Chain	2017	3	3
A-28	5874.605	VJ19	Mabou Harbour buoy VJ19	4448	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	46º 4' 41.06"	61º 26' 50"	200	lb	Concrete	6	16	Chain	2017	3	3
A-28	5874.615	VJ22	Mabou red plastic buoy VJ22	4448	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.10	46º 4' 42.06"	61º 26' 9"	200	lb	Concrete	12	16	Chain	2017	3	3
A-28	5874.625	VJ23	Mabou green buoy VJ23	4448	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.20	46º 4' 39.06"	61º 25' 12"	200	lb	Concrete	10	16	Chain	2017	3	3
A-28	5874.630	VJ24	Mabou red plastic buoy VJ24	4448	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	8.80	46º 4' 35.06"	61º 24' 53"	200	lb	Concrete	18	16	Chain	2017	3	3
A-28	5874.640	VJ25	Mabou green plastic buoy VJ25	4448	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 4' 22.06"	61º 24' 22"	200	lb	Concrete	6	16	Chain	2017	3	3
A-28	5874.650	VJ26	Mabou red plastic buoy VJ26	4448	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46º 4' 19.06"	61º 24' 22"	200	lb	Concrete	4	16	Chain	2017	3	3
A-28	5880.300	VK14	Port Hood range conical VK14	4448	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.50	46º 0' 31.17"	61º 32' 30.6"	600	lb	Concrete	15	16	Chain	2017	3	3
A-28	5882.300	VM	Smith Point South Cardinal buoy VM	4448	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow-black	Seasonal	7.60	46º 0' 23.17"	61º 33' 7.6"	2500	lb	Concrete	18.2	22	Chain	2017	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Canso to Cape George		
Contract Area no.:	A-29		
Province(s):	Nova Scotia		
Contract Area Description:	Includes the area from Canso to Cape George		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown, PE		
Commissioning date:	May 1st		
Decommissioning date:	November 15th		
Total no. of buoys:	31 (27 + 4 Uncharted)		
Max. buoy size(m) diameter :	2		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	18.2		
Operational Season:	May 1st to November 15th		
Overview of work activities:	All of the buoys are 'seasonal'. 14 are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Unscheduled work includes response to discrepancies during the operational season. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule The new contract for this area will start on July 2nd, 2015.		

Contract Area name:	Canso to Cape George
Contract Area no.:	A-29

Comment:

Barrios Beach and Havre Boucher: Local Knowledge is required when placing, lifting and maintaining buoys in these areas.

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>	
Name	No. of buoys	Last option expiry year		
Barrios Beach	10			
Havre Boucher, Coast Guard	1	2015		
Total, 2015:	11		2015 - 2016:	11 buoys
Antigonish	5	2016		
Auld's Cove	2	2016		
Havre Boucher	9	2016		
Bayfield	4	2018**		
Additional sub-total, 2016:	20		2016 to 2019 (or 2020 if option year exercised):	31 buoys

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-29	887.100	VP	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M729	Extinguished / Éteinte	14/04/2010	3
A-29	883.900	VQ8	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M971	Off Position / Hors Position	15/05/2013	2
A-29	887.750	VR2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2933	Off Position / Hors Position	13/10/2011	3
A-29	883.500	VQ4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1940	Off Position / Hors Position	27/07/2010	3
A-29	887.500	VP5	0.75m SB 105 plate	0.75m SB 105 Can	M2166	Off Position / Hors Position	16/08/2010	3
A-29	887.800	VR4	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2933	Off Position / Hors Position	13/10/2011	3
A-29	887.800	VR4	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M3363	Off Position / Hors Position	22/12/2010	3
A-29	887.800	VR4	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M771	Off Position / Hors Position	16/04/2010	3
A-29	5885.100	VQ3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1939	Off Position / Hors Position	27/07/2010	3
A-29	5885.130	VQ7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1941	Off Position / Hors Position	27/07/2010	3
A-29	5887.740	VP14	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1667	Off Position / Hors Position	30/06/2010	3

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-29	VQ	883.4	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134		20	54.8	GDI 1.5m Skirt	Cast-Iron/fonte	1000	20	36.6

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-29	883.400	VQ	Havre Boucher light buoy VQ	4335	Night	1.4m Buoy	1811	Steel	Red-white	Seasonal	18.20	45º 42' 18.48"	61º 31' 4.92"	2500	lb	Stone	54.8	20	Chain	2016	3	2
A-29	887.100	VP	Bowman Bank North Cardinal light buoy VP	4447	Night	0.6m SB 60 Spar Can PI		Plastic	Black-yellow	Seasonal	10.70	45º 40' 16.92"	61º 41' 39.9"	1250	lb	Serrated	27.4	20	Chain	2016	3	3
A-29	887.200	VP2	Barrios Beach light buoy VP2	4447	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	4.60	45º 39' 5.7"	61º 37' 45.8"	600	lb	Concrete	13.7	14	Chain	2016	3	3
A-29	887.500	VP5	Barrios Beach light buoy VP5	4447	Night	0.75m SB 105 Can	52	Plastic	Green	Seasonal	1.80	45º 38' 38.3"	61º 37' 30.7"	400	lb	Concrete	3.7	14	Chain	2016	3	3
A-29	887.700	VP7	Barrios Beach light buoy VP7	4447	Night	2.0m MOBILIS TRACKLESS	110	Plastic	Green	Seasonal	1.80	45º 38' 24.504"	61º 37' 46.621"	400	lb	Concrete	3.7	14	Chain	2016	3	2
A-29	5887.710	VP8	Barrios Beach Plastic Buoy VP8	4447	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	45º 38' 36"	61º 37' 36"	100	lb	Concrete	5	14	Chain	2017	3	3
A-29	5887.720	VP10	Barrios Beach buoy VP10	4447	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	45º 38' 24"	61º 37' 48"	100	lb	Concrete	5	14	Chain	2017	3	3
A-29	5887.730	VP12	Barrios Beach VP12	4447	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	45º 38' 18"	61º 38' 11"	100	lb	Concrete	5	14	Chain	2017	3	3
A-29	5887.740	VP14	Barrios Beach buoy VP14	4447	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	45º 38' 18"	61º 38' 30"	100	lb	Concrete	5	14	Chain	2017	3	3
A-29	5887.750	VP16	Barrios Beach VP16	4447	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45º 38' 18.5"	61º 38' 44"	100	lb	Concrete	5	14	Chain	2017	3	3
A-29	5887.760	VP18	Barrios Beach VP18	4447	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	45º 38' 19.2"	61º 39' 2"	100	lb	Concrete	5	14	Chain	2017	3	3
Buoys included in contract from July 2016																						
A-29	883.200	VT2	Aulds Cove light buoy VT2	4306	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	4.60	45º 38' 59.26"	61º 26' 3.62"	500	lb	Concrete	13.7	16	Chain	2016	3	3
A-29	883.500	VQ4	Havre Boucher light buoy VQ4	4448	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.50	45º 41' 37.2"	61º 31' 23.4"	400	lb	Concrete	10	16	Chain	2016	3	3
A-29	883.600	VQ5	Havre Boucher Light Buoy VQ5	4448	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.80	45º 41' 31.44"	61º 31' 20.82"	400	lb	Concrete	8	16	Chain	2016	3	3
A-29	883.900	VQ8	Havre Boucher Light Buoy VQ8	4302	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	4.50	45º 41' 23.94"	61º 31' 29.34"	400	lb	Concrete	8	16	Chain	2016	3	2
A-29	887.730	VR	Monk Head North Cardinal light buoy VR	4447	Night	0.6m SB 60 Spar Can PI		Plastic	Black-yellow	Seasonal	13.70	45º 41' 24.18"	61º 47' 58.5"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-29	887.750	VR2	Bayfield light buoy VR2	4447	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	12.20	45º 39' 22.26"	61º 44' 20.88"	2500	lb	Concrete	27.4	20	Chain	2016	3	3
A-29	887.800	VR4	Bayfield light buoy VR4	4447	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	0.00	45º 38' 52.32"	61º 44' 43.86"	600	lb	Concrete	12.2	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-29	887.820	VR8	Bayfield light buoy VR8	4447	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	0.00	45º 38' 38.8"	61º 45' 9.6"	600	lb	Concrete	8.6	16	Chain	2016	3	3
A-29	889.500	VS	Antigonish Harbour light buoy VS	4446	Night	1.5m SB 98 plastic	261	Plastic	Red-white	Seasonal	4.90	45º 41' 49.32"	61º 52' 37.32"	1500	lb	Serrated	13.3	22	Chain	2016	3	2
A-29	5885.100	VQ3	Havre Boucher green spar buoy VQ3	4448	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	45º 41' 37.62"	61º 31' 17.84"	400	lb	Concrete	8	16	Chain	2017	3	3
A-29	5885.130	VQ7	Havre Boucher green spar buoy VQ7	4448	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	45º 41' 27.12"	61º 31' 22.84"	400	lb	Concrete	10	16	Chain	2017	3	3
A-29	5885.400	PLAS	Havre Boucher	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2017	3	3
A-29	5885.600	VQ6	Havre Boucher Buoy VQ6	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2017	3	3
A-29	5885.700	VQ7/5	Havre Boucher Buoy VQ7/5	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2017	3	3
A-29	5885.800	VQ9	Havre Boucher Buoy VQ9	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2017	3	3
A-29	5889.700	VS6	Antigonish Harbour Plastic Buoy VS6	4446	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	45º 41' 32.88"	61º 52' 55.62"	600	lb	Concrete	4.5	16	Chain	2017	3	3
A-29	5889.800	VS3	Antigonish Harbour Plastic Buoy VS3	4446	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	45º 41' 32.34"	61º 52' 52.26"	600	lb	Concrete	11	16	Chain	2017	3	3
A-29	5889.900	VS5	Antigonish Harbour Plastic Buoy VS5	4446	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.50	45º 41' 34.14"	61º 53' 8.28"	600	lb	Concrete	7.5	16	Chain	2017	3	3
A-29	5889.950	VS8	Antigonish Harbour Plastic Buoy VS8	4446	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	45º 41' 35.52"	61º 53' 10.86"	600	lb	Concrete	4.5	16	Chain	2017	3	3
A-29	5890.100	VT1	Auld's Cove plastic buoy VT1	4306	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.60	45º 38' 57.76"	61º 26' 1.62"	400	lb	Concrete	13.7	16	Chain	2017	3	3

Contract Area name:	Pictou, Caribou, Merigomish
Contract Area no.:	A-30
Province(s):	Nova Scotia
Contract Area Description:	Includes the area between Caribou Ferry and Merigomish.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown, PE
Commissioning date:	May 15th
Decommissioning date:	December 15th
Total no. of buoys:	70 (including 6 uncharted)
Max. buoy size(m) diameter :	1.22
Maximum anchor size (weight (kg)):	1818
Maximum buoy weight (kg) :	130
Maximum water depth (m) :	11
Operational Season:	May 15th to December 15th
Overview of work activities:	<p>There is 1 year round buoy. 10 of the buoys are 'Seasonal (in place year round)' and 59 are 'seasonal'. 11 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns.</p> <p>For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly.</p> <p>The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for year round buoys only.</p> <p>Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment.</p> <p>Unscheduled work includes response to discrepancies during the operational season.</p>
Comment:	<p>This area includes 54 stakes at Merigomish.</p> <p>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule</p> <p>The new contract for this area will start on July 2nd, 2015.</p>

Contract Area name:	Pictou, Caribou, Merigomish
Contract Area no.:	A-30

Comment:
For Merigomish, "Local Knowledge" is required to place and maintain buoys & stakes.
The position provided for the stakes is the general location - they are to be placed to suit changing channel conditions.

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>	
Name	No. of buoys	Last option expiry year		
Caribou	18			
Pictou	33	2015		
Total, 2015:	51		<u>2015 - 2016:</u>	51 buoys
Merigomish	19 *	2019**		
Additional sub-total, 2016:	19		<u>2016 to 2019 (or 2020 if option year exercised):</u>	70 buoys

* Merigomish, includes 54 stakes in addition to 19 buoys
** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-30	896.500	SA2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1084	Off Position / Hors Position	10/05/2011	3
A-30	896.800	SA14	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1478	Extinguished / Éteinte	06/06/2011	3
A-30	900.200	SP	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2016	Extinguished / Éteinte	11/08/2009	3
A-30	900.500	SJ	GDI 1.22m plate	GDI 1.22m Can	M1980	Off Position / Hors Position	14/08/2012	2
A-30	900.500	SJ	GDI 1.22m plate	GDI 1.22m Can	M1835	Extinguished / Éteinte	05/07/2011	2
A-30	900.500	SJ	GDI 1.22m plate	GDI 1.22m Can	M1027	Off Position / Hors Position	30/04/2010	2
A-30	900.500	SJ	GDI 1.22m plate	GDI 1.22m Can	M1216	Extinguished / Éteinte	24/05/2009	2
A-30	901.000	SJ4	GDI 1.22m conique	GDI 1.22m Conical	M2576	Extinguished / Éteinte	29/10/2013	2
A-30	901.000	SJ4	GDI 1.22m conique	GDI 1.22m Conical	M2115	Extinguished / Éteinte	26/08/2012	2
A-30	901.000	SJ4	GDI 1.22m conique	GDI 1.22m Conical	M1885	Off Position / Hors Position	08/08/2012	2
A-30	901.000	SJ4	GDI 1.22m conique	GDI 1.22m Conical	M1871	Off Position / Hors Position	04/08/2012	2
A-30	901.000	SJ4	GDI 1.22m conique	GDI 1.22m Conical	M1849	Extinguished / Éteinte	20/07/2010	2
A-30	901.000	SJ4	GDI 1.22m conique	GDI 1.22m Conical	M1259	Off Position / Hors Position	19/05/2010	2
A-30	901.000	SJ4	GDI 1.22m conique	GDI 1.22m Conical	M1217	Extinguished / Éteinte	24/05/2009	2
A-30	901.500	SJ7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1848	Extinguished / Éteinte	20/07/2010	2
A-30	905.200	SJ12	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1069	Off Position / Hors Position	27/05/2013	3
A-30	905.200	SJ12	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1258	Off Position / Hors Position	19/05/2010	3
A-30	909.300	SJ32	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1698	Showing Improper Character / Caractéristiques Inexactes	23/07/2013	3
A-30	909.500	SJ38	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2258	Extinguished / Éteinte	11/08/2011	3
A-30	911.500	SP6	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1777	Extinguished / Éteinte	27/07/2012	2
A-30	912.500	SQ2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2732	Off Position / Hors Position	21/11/2012	3
A-30	912.500	SQ2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2650	Off Position / Hors Position	02/10/2009	3
A-30	912.500	SQ2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2423	Extinguished / Éteinte	10/09/2009	3

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-30	912.500	SQ2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2421	Off Position / Hors Position	10/09/2009	3
A-30	912.500	SQ2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2421	Extinguished / Éteinte	10/09/2009	3
A-30	912.500	SQ2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2392	Extinguished / Éteinte	09/09/2009	3
A-30	912.500	SQ2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2194	Aground / échoué	24/08/2009	3
A-30	913.200	SS2	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M3132	Extinguished / Éteinte	18/11/2010	3
A-30	913.200	SS2	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1504	Extinguished / Éteinte	16/06/2010	3
A-30	913.200	SS2	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1049	Not Reliable / pas fiable	03/05/2010	3
A-30	913.200	SS2	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1000	Extinguished / Éteinte	07/05/2009	3
A-30	913.400	SS3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2675	Off Position / Hors Position	15/11/2012	3
A-30	913.400	SS3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2651	Extinguished / Éteinte	11/11/2012	3
A-30	913.400	SS3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2426	Extinguished / Éteinte	04/10/2012	3
A-30	913.400	SS3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1265	Off Position / Hors Position	20/05/2011	3
A-30	913.400	SS3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M975	Off Position / Hors Position	02/05/2011	3
A-30	913.400	SS3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M729	Off Position / Hors Position	06/04/2011	3
A-30	913.400	SS3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1023	Off Position / Hors Position	30/04/2010	3
A-30	913.400	SS3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1056	Partially Submerged / Partiellement Submergée	11/05/2009	3
A-30	913.600	SS6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2647	Extinguished / Éteinte	10/11/2012	3
A-30	913.600	SS6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1050	Not Reliable / pas fiable	03/05/2010	3
A-30	914.000	SS7	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2748	Extinguished / Éteinte	22/09/2011	3
A-30	914.000	SS7	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2412	Off Position / Hors Position	10/09/2009	3
A-30	914.000	SS7	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1001	Extinguished / Éteinte	07/05/2009	3

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-30	915.000	SS8	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1051	Not Reliable / pas fiable	03/05/2010	3
A-30	915.000	SS8	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1024	Off Position / Hors Position	30/04/2010	3
A-30	915.000	SS8	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2961	Extinguished / Éteinte	03/11/2009	3
A-30	915.000	SS8	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2413	Off Position / Hors Position	10/09/2009	3
A-30	915.000	SS8	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1057	Off Position / Hors Position	11/05/2009	3
A-30	915.400	SS10	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2674	Off Position / Hors Position	15/11/2012	3
A-30	915.400	SS10	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1002	Extinguished / Éteinte	07/05/2009	3
A-30	916.000	SS11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2443	Off Position / Hors Position	11/10/2013	3
A-30	916.000	SS11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2405	Off Position / Hors Position	08/10/2013	3
A-30	916.000	SS11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1266	Extinguished / Éteinte	04/06/2012	3
A-30	916.000	SS11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1003	Extinguished / Éteinte	07/05/2009	3
A-30	916.000	SS11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M973	Off Position / Hors Position	06/05/2009	3
A-30	916.200	SS12	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2406	Off Position / Hors Position	08/10/2013	3
A-30	916.200	SS12	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1025	Extinguished / Éteinte	30/04/2010	3
A-30	916.200	SS12	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1004	Extinguished / Éteinte	07/05/2009	3
A-30	916.200	SS12	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M974	Off Position / Hors Position	06/05/2009	3
A-30	916.400	SS16	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M3070	Extinguished / Éteinte	01/11/2011	3
A-30	916.400	SS16	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M730	Off Position / Hors Position	06/04/2011	3
A-30	916.400	SS16	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1006	Extinguished / Éteinte	07/05/2009	3
A-30	917.000	SS15	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1026	Extinguished / Éteinte	30/04/2010	3
A-30	917.000	SS15	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1005	Extinguished / Éteinte	07/05/2009	3
A-30	901.600	SJ6	GDI 1.22m conique	GDI 1.22m Conical	M854	Off Position / Hors Position	27/04/2012	2

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-30	901.600	SJ6	GDI 1.22m conique	GDI 1.22m Conical	M2116	Extinguished / Éteinte	26/08/2012	2
A-30	5905.250	SK1	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M812	Off Position / Hors Position	02/05/2013	3
A-30	5908.550	SJ26/2	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1422	Off Position / Hors Position	21/06/2012	3
A-30	5909.100	SJ28	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1305	Off Position / Hors Position	26/05/2010	3
A-30	5909.400	SJ31	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1304	Not Reliable / pas fiable	26/05/2010	3
A-30	5909.600	SJ34	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1306	Off Position / Hors Position	26/05/2010	3
A-30	5910.100	SJ40	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2122	Off Position / Hors Position	18/08/2009	3
A-30	5910.500	SJ44	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1229	Off Position / Hors Position	25/05/2009	3
A-30	5910.600	SJ46	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2029	Off Position / Hors Position	12/08/2009	3
A-30	5910.700	SJ48	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1436	Off Position / Hors Position	23/06/2012	3
A-30	5910.800	SJ50	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1435	Off Position / Hors Position	23/06/2012	3
A-30	5912.210	SS9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M976	Off Position / Hors Position	02/05/2011	3
A-30	5912.220	SS14	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1185	Off Position / Hors Position	03/06/2013	3
A-30	5912.220	SS14	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1020	Off Position / Hors Position	30/04/2010	3
A-30	5908.460	SJ25/1	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1423	Off Position / Hors Position	26/06/2013	1
A-30	5908.560	SJ27	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1424	Off Position / Hors Position	26/06/2013	1

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-30	900.200	SP	Pictou Island East east cardinal light buoy SP	4404	Night	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Seasonal	7.30	45º 49' 36.24"	62º 29' 48.67"	2500	lb	Concrete	15.2	22	Chain	2016	3	3
A-30	900.500	SJ	Pictou light buoy SJ	4437	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	11.00	45º 42' 10"	62º 36' 45"	1500	lb	Serrated	22.8	20	Chain	2016	3	2
A-30	901.000	SJ4	Pictou Harbour light buoy SJ4	4437	Night	GDI 1.22m Conical		Plastic	Red	Seasonal	7.00	45º 41' 33"	62º 38' 37"	2500	lb	Stone	13.7	28	Chain	2016	3	2
A-30	901.500	SJ7	Pictou Bar light buoy SJ7	4437	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	9.00	45º 41' 23.26"	62º 39' 37.68"	2800	lb	Stone	27	22	Chain	2016	3	2
A-30	901.600	SJ6	Murdock Shoal light buoy SJ6	4437	Night	GDI 1.22m Conical		Plastic	Red	Seasonal	5.50	45º 41' 27.26"	62º 39' 30.68"	2000	lb	Serrated	18.3	22	Chain	2016	3	2
A-30	905.000	SJ11	Pictou Landing light buoy SJ11	4437	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.60	45º 40' 52.26"	62º 40' 43.68"	800	lb	Concrete	13.7	20	Chain	2016	3	2
A-30	905.200	SJ12	Pictou Harbour light buoy SJ12	4437	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	45º 40' 51.46"	62º 41' 30.48"	600	lb	Concrete	7.5	16	Chain	2016	3	3
A-30	905.300	SJ15	Pictou Harbour light buoy SJ15	4437	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	45º 40' 38.66"	62º 41' 4.68"	800	lb	Stone	13.7	20	Chain	2016	3	2
A-30	908.300	SJ20	Abercrombie Point light buoy SJ20	4437	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	45º 39' 47.96"	62º 42' 52.88"	600	lb	Concrete	9	16	Chain	2016	3	2
A-30	909.000	SJ25	East River light buoy SJ25	4437	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	45º 38' 28.26"	62º 41' 26.68"	600	lb	Concrete	11	16	Chain	2016	3	3
A-30	909.300	SJ32	Dunbar Point light buoy SJ32	4443	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	45º 37' 57.74"	62º 40' 12.38"	600	lb	Concrete	11	16	Chain	2016	3	3
A-30	909.500	SJ38	Stonehouse Point light buoy SJ38	4443	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	45º 37' 32.24"	62º 39' 7.68"	600	lb	Concrete	18.2	16	Chain	2016	3	3
A-30	911.500	SP6	MacDonald Reef light buoy SP6	4404	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	8.00	45º 42' 44.24"	62º 37' 25.67"	4000	lb	Concrete	27	22	Chain	2016	3	2
A-30	912.500	SQ2	Caribou light buoy SQ2	4483	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	4.00	45º 44' 40.3"	62º 38' 32.5"	1000	lb	Concrete	11	20	Chain	2016	3	3
A-30	913.200	SS2	Caribou Harbour Entrance light buoy SS2	4483	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.00	45º 45' 10.04"	62º 39' 54.68"	2500	lb	Serrated	13.7	22	Chain	2016	3	3

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-30	913.400	SS3	Caribou Harbour light buoy SS3	4483	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	45° 45' 3.24"	62° 40' 10.18"	1500	lb	Serrated	10.7	20	Chain	2016	3	3
A-30	913.600	SS6	Caribou Harbour light buoy SS6	4483	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Red	Seasonal (in place year round)	5.00	45° 45' 5.44"	62° 40' 16.78"	2500	lb	Stone	10.7	22	Chain	2016	3	3
A-30	914.000	SS7	Caribou Harbour light buoy SS7	4483	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	45° 44' 58.74"	62° 40' 35.18"	2500	lb	Stone	10.7	28	Chain	2016	3	3
A-30	915.000	SS8	Caribou Harbour light buoy SS8	4483	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.00	45° 45' 1.74"	62° 40' 36.88"	1500	lb	Serrated	13.7	20	Chain	2016	3	3
A-30	915.400	SS10	Caribou Harbour light buoy SS10	4483	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.50	45° 44' 56.64"	62° 40' 46.18"	2500	lb	Stone	13.7	22	Chain	2016	3	3
A-30	916.000	SS11	Caribou Harbour Inner light buoy SS11	4483	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	45° 44' 49.54"	62° 40' 52.28"	2500	lb	Concrete	9.1	22	Chain	2016	3	3
A-30	916.200	SS12	Caribou Harbour light buoy SS12	4483	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.00	45° 44' 51.54"	62° 40' 55.48"	2500	lb	Serrated	13.7	22	Chain	2016	3	3
A-30	916.400	SS16	Caribou Harbour light buoy SS16	4483	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.00	45° 44' 36.84"	62° 41' 9.68"	2500	lb	Serrated	9.1	22	Chain	2016	3	3
A-30	917.000	SS15	Caribou Harbour light buoy SS15	4483	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	45° 44' 35.64"	62° 41' 3.68"	2500	lb	Serrated	9.1	22	Chain	2016	3	3
A-30	5905.250	SK1	Pictou Old Pier C Ruins spar buoy SK1	4437	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	9.00	45° 40' 27.76"	62° 42' 19.18"	400	lb	Concrete	15.2	16	Chain	2017	3	3
A-30	5905.400	SJ16	Pictou River conical buoy SJ16	4437	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.50	45° 40' 21.26"	62° 42' 29.68"	600	lb	Concrete	12.2	16	Chain	2017	3	3

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-30	5905.500	SJ18	Pictou River conical buoy SJ18	4437	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.50	45º 40' 15.76"	62º 42' 39.68"	600	lb	Concrete	13.7	16	Chain	2017	3	3
A-30	5905.600	SJ19	East River spar buoy SJ19	4437	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	45º 39' 50.26"	62º 42' 46.68"	400	lb	Concrete	13.7	16	Chain	2017	3	3
A-30	5908.400	SJ22	East River spar buoy SJ22	4437	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	45º 39' 19.26"	62º 42' 24.68"	400	lb	Concrete	9	16	Chain	2017	3	3
A-30	5908.550	SJ24	East River spar buoy SJ24	4437	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	45º 38' 48.26"	62º 41' 50.68"	400	lb	Concrete	11	16	Chain	2017	3	3
A-30	5909.100	SJ28	East River Spar Buoy SJ28	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	45º 38' 20.24"	62º 41' 11.68"	400	lb	Concrete	9	16	Chain	2017	3	3
A-30	5909.200	SJ30	Albion Point Spar Buoy SJ30	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	45º 38' 10.64"	62º 40' 45.68"	400	lb	Concrete	11	16	Chain	2017	3	3
A-30	5909.350	SJ29	Albion Point Spar Buoy SJ29	4443	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	45º 38' 11.24"	62º 40' 43.68"	400	lb	Concrete	11	16	Chain	2017	3	3
A-30	5909.400	SJ31	Dunbar Point Spar Buoy SJ31	4443	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	45º 37' 58.74"	62º 40' 11.68"	400	lb	Concrete	11	16	Chain	2017	3	3
A-30	5909.600	SJ34	East River Spar SJ34	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	45º 37' 50.24"	62º 39' 54.18"	400	lb	Concrete	11	16	Chain	2017	3	3
A-30	5909.700	SJ36	East River Spar Buoy SJ36	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	45º 37' 40.34"	62º 39' 28.68"	400	lb	Concrete	11	16	Chain	2017	3	3
A-30	5909.800	SJ35	East River Spar Buoy SJ35	4443	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	45º 37' 41.74"	62º 39' 27.68"	400	lb	Concrete	11	16	Chain	2017	3	3
A-30	5910.100	SJ40	Stonehouse Point Spar Buoy SJ40	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	45º 37' 26.04"	62º 39' 5.28"	400	lb	Concrete	12.2	16	Chain	2017	3	3
A-30	5910.200	SJ39	Stonehouse Point Spar Buoy SJ39	4443	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	45º 37' 26.24"	62º 39' 4.18"	400	lb	Concrete	13.7	16	Chain	2017	3	3
A-30	5910.300	SJ42	Stonehouse Point Spar Buoy SJ42	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.30	45º 37' 18.24"	62º 39' 1.28"	400	lb	Concrete	13.7	16	Chain	2017	3	3
A-30	5910.400	SJ41	Stonehouse Point Spar Buoy SJ41	4443	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	45º 37' 18.34"	62º 39' .18"	400	lb	Concrete	13.7	16	Chain	2017	3	3
A-30	5910.500	SJ44	East River Spar Buoy SJ44	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	45º 37' 8.64"	62º 38' 57.08"	400	lb	Concrete	8	16	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-30	5910.600	SJ46	Shipyard Point Spar Buoy SJ46	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	45º 36' 50.74"	62º 38' 48.18"	400	lb	Concrete	8	16	Chain	2017	3	3
A-30	5910.700	SJ48	East River Spar Buoy SJ48	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	45º 36' 44.04"	62º 38' 40.98"	400	lb	Concrete	8	16	Chain	2017	3	3
A-30	5910.800	SJ50	East River Spar Buoy SJ50	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	45º 36' 42.14"	62º 38' 39.18"	400	lb	Concrete	11	16	Chain	2017	3	3
A-30	5910.900	SJ52	East River Spar SJ52	4443	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	45º 36' 31.14"	62º 38' 33.68"	400	lb	Concrete	8	16	Chain	2017	3	3
A-30	5912.210	SS9	Caribou Harbour Spar Buoy SS9	4483	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	45º 44' 54.24"	62º 40' 43.48"	600	lb	Concrete	13.7	16	Chain	2017	3	3
A-30	5912.220	SS14	Caribou Harbour Spar Buoy SS14	4483	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.60	45º 44' 42.64"	62º 41' 3.88"	600	lb	Concrete	13.7	16	Chain	2017	3	3
A-30	5912.230	SS13	Caribou Harbour Spar SS13	4483	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	45º 44' 42.84"	62º 40' 57.88"	600	lb	Concrete	13.7	16	Chain	2017	3	3
A-30	5912.240	SS18	Caribou Harbour Red Spar Buoy SS18	4483	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	45º 44' 29.82"	62º 41' 16.28"	600	lb	Concrete	15	16	Chain	2017	3	3
A-30	5912.250	SS17	Caribou Harbour Green Spar Buoy SS17	4483	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	45º 44' 25.74"	62º 41' 7.88"	600	lb	Concrete	12	16	Chain	2017	3	3
Buoys included in contract from July 2016																						
A-30	896.500	SA2	Merigomish Harbour Approach light buoy SA2	4445	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	9.00	45º 40' .23"	62º 28' 33.68"	1500	lb	Serrated	27.4	22	Chain	2016	3	3
A-30	896.600	SA6	Kings Head light buoy SA6	4445	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	4.90	45º 39' 10.23"	62º 28' 24.68"	800	lb	Concrete	13.7	22	Chain	2016	3	3
A-30	896.800	SA14	Savage Point light buoy SA14	4445	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.30	45º 38' 33.73"	62º 27' 7.68"	800	lb	Concrete	9.1	16	Chain	2016	3	3
A-30	5900.140	SA9	Merigomish Harbour Green Plastic ORT SA9	4445	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	45º 38' 38.23"	62º 27' 59.68"	400	lb	Concrete	10	16	Chain	2017	3	3
A-30	5900.150	SA10	Merigomish Harbour SA10	4445	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.90	45º 38' 35.23"	62º 28' 11.68"	400	lb	Concrete	12	16	Chain	2017	3	3
A-30	5900.160	SA12	Merigomish Harbour spar buoy SA12	4445	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	45º 38' 33.23"	62º 27' 48.68"	400	lb	Concrete	14	16	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-30	5900.180	SA15	Merigomish Harbour Spar SA15	4445	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.70	45º 38' 21.23"	62º 26' 53.68"	400	lb	Concrete	14	16	Chain	2017	3	3
A-30	5900.190	SA21	Merigomish Harbour SA21	4445	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	45º 37' 21.23"	62º 29' 19.68"	200	lb	Concrete	6	16	Chain	2017	3	3
A-30	5900.205	SA22	Merigomish Harbour SA22	4445	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.00	45º 37' 1.23"	62º 30' 11.68"	200	lb	Concrete	10	16	Chain	2017	3	3
A-30	5900.210	SA23	Merigomish Harbour buoy SA23	4445	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.00	45º 36' 58.23"	62º 30' 15.68"	200	lb	Concrete	10	16	Chain	2017	3	3
A-30	5900.250	SE2	Merigomish Harbour SE2	4445	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.60	45º 38' 28.23"	62º 26' 29.68"	200	lb	Concrete	9	16	Chain	2017	3	3
A-30	5900.260	SE1	Merigomish Harbour Plastic SE1	4445	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.50	45º 38' 29.03"	62º 26' 16.88"	200	lb	Concrete	14	16	Chain	2017	3	3
A-30	5900.290	PLAS3	Merigomish conical plastic buoy	4445	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	10	16	Chain	2017	3	3
A-30	5900.291	PLAS3	Merigomish conical plastic buoy	4445	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	10	16	Chain	2017	3	3
A-30	5900.292	PLAS3	Merigomish conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	10	16	Chain	2017	3	3
A-30	5900.370	PLAS3	Merigomish can plastic buoy	4445	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	10	16	Chain	2017	3	3
A-30	5900.371	PLAS3	Merigomish can plastic buoy	4445	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete	10	16	Chain	2017	3	3
A-30	5900.372	PLAS3	Merigomish can plastic buoy	4445	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete	10	16	Chain	2017	3	3
A-30	5900.400	SA16	Merigomish Harbour SA16	4445	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	45º 38' 6"	62º 27' 19"	200	lb	Concrete	9.1	16	Rope	2017	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Toney River to Wallace		
Contract Area no.:	A-31		
Province(s):	Nova Scotia		
Contract Area Description:			
Material Transportation & Storage	Material storage by: Contractor	Material Transportation by: Canadian Coast Guard	
	Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown, PE		
Commissioning date:	May 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	106		
Max. buoy size(m) diameter :	2		
Maximum anchor size (weight (kg)):	568		
Maximum buoy weight (kg) :	261		
Maximum water depth (m) :	11		
Operational Season:	May 15th to December 15th		
Overview of work activities:	All of the buoys are 'seasonal'. 13 buoys are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	This area includes 28 stakes Local Knowledge is used to place buoys and stakes for all areas in this contract area See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule		

Contract Area name:	Toney River to Wallace
Contract Area no.:	A-31

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>			
Name	No. of buoys	Last option expiry year					
River John	2 **	2015					
Barachois Harbour	14	2015					
Tatamagouche	17	2015					
Wallace Harbour	70	2015					
Sub-total, 2015:	103			2015 - 2016:	103 buoys		
Toney River	3	2016		2016 to 2019 (or 2020 if option year exercised):	106 buoys		
Additional sub-total, 2016:	3						

** in addition to 2 buoys there are 28 stakes at River John

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-31	920.700	UD4	GDI 0.9m conique	GDI 0.9m Conical	M884	Extinguished / Éteinte	26/04/2011	3
A-31	920.700	UD4	GDI 0.9m conique	GDI 0.9m Conical	M1944	Extinguished / Éteinte	05/08/2009	3
A-31	921.300	UH	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M728	Extinguished / Éteinte	23/04/2013	2
A-31	923.300	UH12	1.5m SB 98 plastique	1.5m SB 98 plastic	M2281	Extinguished / Éteinte	31/08/2009	3
A-31	923.700	UH17	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M2862	Extinguished / Éteinte	05/10/2011	2
A-31	923.700	UH17	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M1487	Extinguished / Éteinte	22/06/2009	2
A-31	5920.100	UE2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1739	Off Position / Hors Position	25/07/2012	3
A-31	920.800	UD4/2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2460	Extinguished / Éteinte	15/09/2009	3
A-31	920.800	UD4/2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1946	Extinguished / Éteinte	05/08/2009	3
A-31	920.800	UD4/2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1945	Extinguished / Éteinte	04/08/2009	3
A-31	920.600	UD3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1639	Extinguished / Éteinte	15/06/2011	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-31	5920.530	UA12	River John UA12	4497	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		45º 45' 47.386"	63º 4' 41.663"	200	lb	Concrete		16	Rope	2017	3	3
A-31	5920.540	UA10	River John UA10	4497	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		45º 45' 53.386"	63º 4' 56.663"	200	lb	Concrete		16	Rope	2017	3	3
A-31	920.600	UD3	Jollimore Reef light buoy UD3	4497	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.20	45º 46' 15.886"	63º 12' 59.463"	400	lb	Concrete	18.3	16	Chain	2016	3	3
A-31	920.700	UD4	Chamber Point light buoy UD4	4497	Night	GDI 0.9m Conical		Plastic	Red	Seasonal	3.30	45º 45' 6.386"	63º 14' 21.663"	900	lb	Serrated	6.1	20	Chain	2016	3	3
A-31	920.800	UD4/2	Barachois Harbour light buoy UD4/2	4497	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal		45º 44' 32.8"	63º 15' 14.2"	400	lb	Concrete	18.3	16	Chain	2016	3	3
A-31	920.900	UE6	Malagash Point light buoy UE6	4497	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.50	45º 47' 45.386"	63º 13' 4.663"	400	lb	Concrete	22.8	16	Chain	2016	3	3
A-31	921.300	UH	Wallace Harbour light buoy UH	4402	Night	0.6m SB 60 Spar Can PI		Plastic	Red-white	Seasonal	10.00	45º 48' 56.7"	63º 20' 59"	1000	lb	Concrete	27	22	Chain	2016	3	2
A-31	921.400	UH2	Oak Island Bar light buoy UH2	4402	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	8.00	45º 48' 26.3"	63º 22' .7"	1000	lb	Concrete	18.3	22	Chain	2016	3	3
A-31	921.500	UH3	Horton Bank light buoy UH3	4402	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	5.00	45º 48' 59.9"	63º 23' 4.8"	1000	lb	Concrete	15	20	Chain	2016	3	3
A-31	921.600	UH5	Horton Bank light buoy UH5	4402	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	6.10	45º 49' 16.9"	63º 24' 3.9"	1000	lb	Concrete	15.2	20	Chain	2016	3	3
A-31	923.300	UH12	Palmer Point light buoy UH12	4402	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	6.10	45º 49' 7.3"	63º 25' 50.6"	1000	lb	Concrete	15.2	20	Chain	2016	3	3
A-31	923.500	UH16	Wallace Harbour light buoy UH16	4402	Night	GDI 680N		Plastic	Red	Seasonal	6.10	45º 48' 55.5"	63º 27' 3.9"	1000	lb	Concrete	15.2	20	Chain	2016	3	3
A-31	923.700	UH17	Macfarlane Point light buoy UH17	4402	Night	2.0m MOBILIS TRACKLESS	110	Plastic	Green	Seasonal	6.10	45º 48' 56.6"	63º 27' 45.4"	1000	lb	Concrete	15.2	20	Chain	2016	3	2
A-31	5920.100	UE2	Waugh Shoal Conical Buoy UE2	4497	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	11.00	45º 51' 4.386"	63º 12' 42.663"	1000	lb	Concrete	27.4	22	Chain	2017	3	3
A-31	5920.200	UE4	Washball Reef Spar Buoy UE4	4497	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	45º 49' 11.386"	63º 13' 10.663"	400	lb	Concrete	11.3	16	Chain	2017	3	3
A-31	5920.510	UE10	Tatamagouche Conical Buoy UE10	4497	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.20	45º 44' 31.386"	63º 18' 25.663"	400	lb	Concrete	3.6	16	Chain	2017	3	3
A-31	5920.730	PLAS8	Tatamagouche conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.731	PLAS8	Tatamagouche conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.732	PLAS8	Tatamagouche conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-31	5920.733	PLAS8	Tatamagouche conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.734	PLAS8	Tatamagouche conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.735	PLAS8	Tatamagouche conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.736	PLAS8	Tatamagouche conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.737	PLAS8	Tatamagouche conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.740	PLAS7	Tatamagouche can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.741	PLAS7	Tatamagouche can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	1.6	16	Rope	2017	3	3
A-31	5920.742	PLAS7	Tatamagouche can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.743	PLAS7	Tatamagouche can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.744	PLAS7	Tatamagouche can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.745	PLAS7	Tatamagouche can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.746	PLAS7	Tatamagouche can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	5.4	16	Rope	2017	3	3
A-31	5920.850	PLAS	Tatamagouche bifurcation conical plastic buoy	4497	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red-green-red	Seasonal	3.00	0º 0' 0"	0º 0' 0"	400		Concrete	6	14	Chain	2017	3	3
A-31	5921.210	UD5	Barachois Harbour green buoy UD5	4497	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 44' 27"	63º 15' 12"	200	lb	Concrete	6	16	Chain	2017	3	3
A-31	5921.220	UD8	Barachois Harbour Red Buoy UD8	4497	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	45º 44' 28"	63º 15' 20"	200	lb	Concrete	6	16	Chain	2017	3	3
A-31	5921.230	UD7	Barachois Harbour Green Buoy UD7	4497	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 44' 24"	63º 15' 18"	200	lb	Concrete	6	16	Chain	2017	3	3
A-31	5921.240	PLAS4	Barachois Harbour can plastic buoy	4497	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	6	16	Chain	2017	3	3
A-31	5921.241	PLAS4	Barachois Harbour can plastic buoy	4497	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete	6	16	Chain	2017	3	3
A-31	5921.242	PLAS4	Barachois Harbour can plastic buoy	4497	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete	6	16	Chain	2017	3	3
A-31	5921.243	PLAS4	Barachois Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	6	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-31	5921.250	PLAS2	Barachois Harbour conical plastic buoy	4497	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6	16	Chain	2016	3	3
A-31	5921.251	PLAS2	Barachois Harbour conical plastic	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	6	16	Chain	2016	3	3
A-31	5921.610	UH9	WALLACE HARBOUR GREEN SPAR UH9	4402	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.10	45° 49' 4.6"	63° 25' 29.4"	400	lb	Concrete	15.2	16	Chain	2016	3	3
A-31	5921.620	UH15	WALLACE HARBOUR GREEN SPAR UH15	4402	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.10	45° 48' 51.9"	63° 27' 1.7"	400	lb	Concrete	15.2	16	Chain	2016	3	3
A-31	5921.630	UH19	WALLACE HARBOUR GREEN SPAR UH19	4402	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.10	45° 48' 55.8"	63° 28' 18.4"	400	lb	Concrete	15.2	16	Chain	2016	3	3
A-31	5921.640	UH22	WALLACE HARBOUR RED SPAR UH22	4402	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.10	45° 48' 58.8"	63° 28' 24.3"	400	lb	Concrete	15.2	16	Chain	2016	3	3
A-31	5921.700	PLAS29	Wallace Harbour conical plastic buoy	4402	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0° 0' 0"	0° 0' 0"	100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.701	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.702	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.703	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.704	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.705	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.706	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.707	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.708	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.709	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.710	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.711	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.712	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.713	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-31	5921.714	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.715	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.716	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.717	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete		16	Rope	2016	3	3
A-31	5921.718	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Chain	2016	3	3
A-31	5921.719	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.720	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.721	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.722	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.723	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.724	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.725	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.726	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.727	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.728	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.730	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.731	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.732	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.733	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.734	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.735	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-31	5921.736	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.737	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.738	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.739	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.740	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.741	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.742	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.743	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.744	PLAS29	Wallace Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete		16	Rope	2016	3	3
A-31	5921.745	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.746	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.747	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.748	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.749	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.750	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.751	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.752	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.753	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.754	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.755	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.756	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-31	5921.757	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	6	16	Rope	2016	3	3
A-31	5921.758	PLAS29	Wallace Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	6	16	Rope	2016	3	3
Buoys included in contract from July 2016																						
A-31	919.600	SU1	Toney River light buoy SU1	4405	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	5.00	45º 46' 42.24"	62º 53' 19.65"	1250	lb	Serrated	13.7	22	Chain	2016	3	3
A-31	920.500	UA2	Eastern Passage light buoy UA2	4497	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	8.00	45º 49' 13.386"	63º 7' 42.663"	1250	lb	Serrated	27	22	Chain	2016	3	3
A-31	5919.650	SU2	Toney River spar buoy SU2	4405	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	45º 46' 36.24"	62º 53' 21.65"	400	lb	Concrete	6	16	Chain	2017	3	3

Contract Area name:	Pugwash and Northport
Contract Area no.:	A-32
Province(s):	Nova Scotia
Contract Area Description:	The area includes Pugwash and Northport
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown, PE
Commissioning date:	May 15th
Decommissioning date:	December 15th
Total no. of buoys:	41
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	1363
Maximum buoy weight (kg) :	261
Maximum water depth (m) :	9
Operational Season:	May 15th to December 15th
Overview of work activities:	30 of the buoys are 'seasonal' , 11 are Seasonal (in place year round). 11 buoys have removable lanterns. 2 buoys are replaced with a winter spar. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns and replacement of summer buoys with winter spars.. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Winter spars are replaced with summer buoys. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule The new contract for this area will start on July 2nd, 2015. Local Knowledge is used to place buoys and stakes for all areas in this contract area

Contract Area name:	Pugwash and Northport
Contract Area no.:	A-32

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts included in this contract area, as follows:

EXISTING CONTRACT	
Name / Number of buoys	
Northport	15
Pugwash	26
Total:	41

Both current contracts expire in July 2015, the contract will include 41 buoys for the complete contract period.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-32	925.200	UK2	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M785	Off Position / Hors Position	30/04/2013	3
A-32	925.200	UK2	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M784	Off Position / Hors Position	19/04/2010	3
A-32	925.400	UK3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2646	Showing Improper Character / Caractéristiques Inexactes	11/11/2013	2
A-32	925.400	UK3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2952	Extinguished / Éteinte	15/10/2011	2
A-32	925.400	UK3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M746	Off Position / Hors Position	15/04/2010	2
A-32	929.300	UK9	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M786	Off Position / Hors Position	30/04/2013	2
A-32	929.300	UK9	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2434	Showing Improper Character / Caractéristiques Inexactes	04/10/2012	2
A-32	929.300	UK9	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M3274	Off Position / Hors Position	20/11/2011	2
A-32	929.300	UK9	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1663	Extinguished / Éteinte	16/06/2011	2
A-32	929.300	UK9	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1061	Extinguished / Éteinte	09/05/2011	2
A-32	929.300	UK9	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M745	Off Position / Hors Position	15/04/2010	2
A-32	929.300	UK9	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M983	Extinguished / Éteinte	06/05/2009	2
A-32	929.300	UK9	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M774	Extinguished / Éteinte	27/04/2009	2
A-32	929.500	UK11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M3275	Off Position / Hors Position	20/11/2011	2
A-32	930.000	UK13	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M3276	Extinguished / Éteinte	20/11/2011	2
A-32	930.000	UK13	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M3220	Extinguished / Éteinte	10/11/2011	2
A-32	934.000	UK18	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2389	Extinguished / Éteinte	27/09/2012	2
A-32	934.000	UK18	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M792	Extinguished / Éteinte	28/04/2009	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-32	937.500	UK25	0.75m SB 105 plate	0.75m SB 105 Can	M787	Off Position / Hors Position	30/04/2013	2
A-32	937.500	UK25	0.75m SB 105 plate	0.75m SB 105 Can	M2939	Extinguished / Éteinte	25/10/2010	2
A-32	937.800	UK28	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1793	Extinguished / Éteinte	15/07/2010	2
A-32	937.800	UK28	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M3198	Off Position / Hors Position	08/12/2009	2
A-32	938.000	UK30	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2363	Extinguished / Éteinte	22/09/2012	2
A-32	938.500	UK32	0.75m SB 105 conique	0.75m SB 105 Conical	M788	Off Position / Hors Position	30/04/2013	2
A-32	938.500	UK32	0.75m SB 105 conique	0.75m SB 105 Conical	M2644	Extinguished / Éteinte	08/11/2012	2
A-32	938.500	UK32	0.75m SB 105 conique	0.75m SB 105 Conical	M3281	Extinguished / Éteinte	21/11/2011	2
A-32	938.500	UK32	0.75m SB 105 conique	0.75m SB 105 Conical	M748	Off Position / Hors Position	15/04/2010	2
A-32	5933.100	UK15	0.8m SB 75 plate plastique	0.8m SB 75 Can plastic	M2322	Off Position / Hors Position	28/09/2013	3
A-32	5933.100	UK15	0.8m SB 75 plate plastique	0.8m SB 75 Can plastic	M1540	Submerged / Submergée	06/07/2012	3
A-32	5937.700	UK29	GDI 0.9m plate	GDI 0.9m Can	M2614	Submerged / Submergée	16/09/2010	3
A-32	5937.700	UK29	GDI 0.9m plate	GDI 0.9m Can	m2611	Submerged / Submergée	16/09/2010	3
A-32	5938.520	UP3	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2531	Off Position / Hors Position	21/09/2009	3
A-32	5938.590	UP9	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2532	Off Position / Hors Position	21/09/2009	3
A-32	5938.630	UP14	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1135	Off Position / Hors Position	10/05/2010	3
A-32	5938.650	UP16	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2016	Off Position / Hors Position	21/07/2011	3
A-32	929.200	UK8	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M975	Extinguished / Éteinte	16/05/2013	2
A-32	929.000	UK7	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1486	Reduced Intensity / Intensité réduite	03/07/2013	2
A-32	929.000	UK7	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1387	Extinguished / Éteinte	19/06/2012	2
A-32	929.000	UK7	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M747	Off Position / Hors Position	15/04/2010	2
A-32	933.000	UK16	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M789	Off Position / Hors Position	30/04/2013	2
A-32	933.000	UK16	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2320	Off Position / Hors Position	28/09/2013	2
A-32	933.000	UK16	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2905	Extinguished / Éteinte	20/10/2010	2
A-32	933.000	UK16	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1161/10	Extinguished / Éteinte	12/05/2010	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-32	5938.560	UP2	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2015	Off Position / Hors Position	21/07/2011	3
A-32	925.600	UN	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M976	Extinguished / Éteinte	16/05/2013	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-32	925.200	UK2	Pugwash Harbour light buoy UK2	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	9.00	45º 54' 6.27"	63º 41' 18.79"	3000	lb	Stone	27.4	22	Chain	2016	3	3
A-32	925.400	UK3	Pugwash Harbour Entrance light buoy UK3	4498	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Green	Seasonal (in place year round)	7.00	45º 52' 54.16"	63º 41' 39.98"	1500	lb	Stone	27.4	28	Chain	2016	3	2
A-32	925.600	UN	Pugwash Reef West Cardinal light buoy UN	4498	Night	0.6m SB 60 Spar Can Pl		Plastic	Yellow-black-yellow	Seasonal	4.90	45º 52' 49.74"	63º 41' 14.46"	1500	lb	Serrated	6.7	20	Chain	2016	3	2
A-32	929.000	UK7	Pugwash Road light buoy UK7	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	45º 51' 57.06"	63º 41' 14.48"	2500	lb	Serrated	13.7	28	Chain	2016	3	2
A-32	929.200	UK8	Pugwash light buoy UK8	4498	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	45º 52' 5.26"	63º 41' 23.18"	400	lb	Concrete	7.6	16	Chain	2016	3	2
A-32	929.300	UK9	Pugwash Road Turning light buoy UK9	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	4.00	45º 51' 51.16"	63º 41' 1.78"	1500	lb	Serrated	13.7	28	Chain	2016	3	2
A-32	929.500	UK11	Pugwash Bar North light buoy UK11	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	45º 51' 51.56"	63º 40' 52.28"	1760	lb	Serrated	9.1	22	Chain	2016	3	2
A-32	930.000	UK13	Pugwash Channel light buoy UK13	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	45º 51' 51.96"	63º 40' 30.68"	1500	lb	Serrated	13.7	28	Chain	2016	3	2
A-32	933.000	UK16	Pugwash Channel 1st Turn light buoy UK16	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.00	45º 51' 49.76"	63º 40' 30.28"	1500	lb	Serrated	13.7	28	Chain	2016	3	2
A-32	934.000	UK18	Pugwash Channel light buoy UK18	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.00	45º 51' 44.76"	63º 40' 22.68"	1500	lb	Serrated	13.7	28	Chain	2016	3	2
A-32	937.000	UK19	Pugwash Channel light buoy UK19	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	45º 51' 39.66"	63º 40' 17.88"	1500	lb	Serrated	13.7	28	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-32	937.500	UK25	Pugwash Channel light buoy UK25	4498	Night	0.75m SB 105 Can	52	Plastic	Green	Seasonal	5.00	45º 51' 11.26"	63º 40' 10.98"	2500	lb	Serrated	13.7	28	Chain	2016	3	2
A-32	937.800	UK28	Pugwash Harbour light buoy UK28	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.80	45º 51' 9.56"	63º 40' 14.78"	1500	lb	Serrated	13.7	22	Chain	2016	3	2
A-32	938.000	UK30	Page Point North light buoy UK30	4498	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.00	45º 51' 3.86"	63º 40' 1.98"	2500	lb	Concrete	13.7	28	Chain	2016	3	2
A-32	938.500	UK32	Page Point East light buoy UK32	4498	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	5.00	45º 51' .3"	63º 39' 56.4"	2500	lb	Concrete	15	20	Chain	2016	3	2
A-32	940.500	UP2	Northport light buoy UP2	4406	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	8.00	45º 56' 24.243"	63º 50' 54.658"	600	lb	Concrete	12.2	20	Chain	2016	3	2
A-32	5929.600	UK12	Pugwash Spar Buoy UK12	4498	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.90	45º 51' 48.56"	63º 40' 55.28"	400	lb	Concrete	9.1	16	Chain	2016	3	2
A-32	5929.700	UK16.2	Pugwash Spar Buoy UK16.2	4498	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal		45º 51' 49.86"	63º 40' 38.08"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-32	5933.100	UK15	Pugwash Channel Can Buoy UK15	4498	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	4.60	45º 51' 50.56"	63º 40' 25.58"	1000	lb	Concrete	9.1	16	Chain	2016	3	3
A-32	5933.200	UK17	Fishing Point Spar Buoy UK17	4498	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.30	45º 51' 47.26"	63º 40' 19.58"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-32	5937.100	UK21	Pugwash Harbour Spar Buoy UK21	4498	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	45º 51' 31.06"	63º 40' 15.78"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-32	5937.200	UK22	Pugwash Harbour Spar Buoy UK22	4498	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	45º 51' 34.06"	63º 40' 20.68"	400	lb	Concrete	8	16	Chain	2016	3	3
A-32	5937.300	UK23	Pugwash Harbour Spar Buoy UK23	4498	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	45º 51' 24.06"	63º 40' 14.08"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-32	5937.400	UK24	Pugwash Harbour Spar Buoy UK24	4498	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	45º 51' 21.06"	63º 40' 17.58"	400	lb	Concrete	8.1	16	Chain	2016	3	3
A-32	5937.700	UK29	Pugwash Harbour Buoy UK29	4498	Unlit	GDI 0.9m Can		Plastic	Green	Seasonal	3.00	45º 51' 7.76"	63º 40' 3.58"	600	lb	Concrete	6.1	16	Chain	2016	3	3
A-32	5938.500	UK33	Pugwash Spar Buoy UK33	4498	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	45º 51' 2.46"	63º 39' 53.7"	600	lb	Concrete	6.1	20	Chain	2016	3	2
A-32	5938.520	UP3	Northport Green Can Buoy UP3	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 56' 16.5"	63º 51' 6.42"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.550	UP5	Northport plastic buoy UP5	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 56' 10.98"	63º 51' 20.7"	200	lb	Concrete	3	14	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-32	5938.560	UP2	Northport conical buoy UP2	4406	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 56' 21.248"	63º 51' 9.788"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.565	UP4	Northport plastic buoy UP4	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 56' 15"	63º 51' 14.94"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.570	UP7	Northport can buoy UP7	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 56' 11.94"	63º 51' 36.66"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.580	UP6	Northport conical buoy UP6	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 56' 13.86"	63º 51' 23.22"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.590	UP9	Northport plastic buoy UP9	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 56' 13.62"	63º 51' 50.52"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.600	UK34	Pugwash Wharf Conical UK34	4498	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	6.10	45º 50' 57.46"	63º 39' 55.67"	800	lb	Concrete	12.2	16	Chain	2016	3	3
A-32	5938.610	UP8	Northport conical buoy UP8	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 56' 14.28"	63º 51' 47.64"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.620	UP13	Northport can buoy UP13	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 56' 13.02"	63º 51' 58.32"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.630	UP14	Northport conical buoy UP14	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 56' 10.98"	63º 52' 2.34"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.635	UP10	Northport plastic buoy UP10	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 56' 15.24"	63º 51' 54.66"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.640	UP15	Northport Can Buoy UP15	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 56' 5.22"	63º 52' 1.98"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.645	UP11	Northport plastic buoy UP11	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	45º 56' 14.22"	63º 51' 56.22"	200	lb	Concrete	4	14	Chain	2016	3	3
A-32	5938.650	UP16	Northport Plastic Buoy UP16	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	45º 56' 5.82"	63º 52' 2.76"	200	lb	Concrete	4	14	Chain	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Tidnish to Robichaud		
Contract Area no.:	A-33		
Province(s):	Nova Scotia/ New Brunswick		
Contract Area Description:	Includes the area from Tidnish to Robichaud		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown, PE		
Commissioning date:	May 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	40 (17+ 23 Uncharted)		
Max. buoy size(m) diameter :	0.8		
Maximum anchor size (weight (kg)):	272		
Maximum buoy weight (kg) :	65		
Maximum water depth (m) :	10		
Operational Season:	May 15th to December 15th		
Overview of work activities:	All of the buoys are 'seasonal'. 9 buoys are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	This area includes 140 stakes at Tidnish in addition to 40 buoys. See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule Local Knowledge is used to place buoys and stakes for all areas in this contract area		

Contract Area name:	Tidnish to Robichaud
Contract Area no.:	A-33

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>			
Name	No. of buoys		Last option expiry year					
Cape Tormentine	3		2015					
Robichaud	3		2015					
Tidnish	3	**	2015					
Harshman's brook	4		2015					
<i>Total, 2015:</i>	<i>13</i>				<u>2015 - 2016:</u>		13 buoys	
Port Elgin / Baie Verte	27		2016		<u>2016 to 2019 (or 2020 if option year exercised):</u>		40 buoys	
<i>Additional sub-total, 2016:</i>	<i>27</i>							

** in addition to 3 buoys there are 140 stakes at Tidnish

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-33	6084.910	XA4	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2245	Off Position / Hors Position	20/09/2013	3
A-33	1102.130	XJ7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2911	Off Position / Hors Position	11/10/2011	3
A-33	1102.130	XJ7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1065	Showing Improper Character / Caractéristiques Inexactes	09/05/2011	3
A-33	1102.120	XJ6	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2622	Off Position / Hors Position	11/09/2011	3
A-33	1102.120	XJ6	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1291	Off Position / Hors Position	23/05/2011	3
A-33	1095.100	XD4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1694	Extinguished / Éteinte	23/07/2013	3
A-33	1096.000	XD5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1158	Extinguished / Éteinte	31/05/2013	3
A-33	1096.000	XD5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1893	Extinguished / Éteinte	22/07/2010	3
A-33	1096.000	XD5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M919	Extinguished / Éteinte	04/05/2009	3
A-33	1102.100	XJ4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2945	Extinguished / Éteinte	14/10/2011	3
A-33	1102.100	XJ4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2912	Off Position / Hors Position	11/10/2011	3
A-33	1102.100	XJ4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1289	Off Position / Hors Position	23/05/2011	3
A-33	1102.110	XJ5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2946	Extinguished / Éteinte	14/10/2011	3
A-33	1102.110	XJ5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2672	Off Position / Hors Position	15/09/2011	3
A-33	1102.110	XJ5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1290	Off Position / Hors Position	23/05/2011	3
A-33	1085.000	XA2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2243	Off Position / Hors Position	20/09/2013	3
A-33	1085.000	XA2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2410	Extinguished / Éteinte	22/08/2011	3
A-33	1085.000	XA2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1266	Off Position / Hors Position	20/05/2010	3
A-33	1102.300	XK2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1577	Extinguished / Éteinte	11/07/2013	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-33	1102.300	XK2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1218	Off Position / Hors Position	05/06/2013	3
A-33	1102.500	XK6	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1949	Extinguished / Éteinte	06/08/2009	3
A-33	6084.900	XA1	0.8m SB 75 plate plastique	0.8m SB 75 Can plastic	M2242		20/09/2013	3
A-33	6084.900	XA1	0.8m SB 75 plate plastique	0.8m SB 75 Can plastic	M1265	Off Position / Hors Position	20/05/2010	3
A-33	6084.900	XA1	0.8m SB 75 plate plastique	0.8m SB 75 Can plastic	M1264	Off Position / Hors Position	20/05/2010	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-33	1085.000	XA2	Tidnish River Entrance light buoy XA2	4406	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	46° 0' 54.231"	64° 2' 17.506"	400	lb	Concrete	13.7	20	Chain	2016	3	3
A-33	1095.100	XD4	Cape Tormentine light buoy XD4	4905	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.00	46° 8' 9"	63° 46' 11.6"	600	lb	Concrete	10	16	Chain	2016	3	3
A-33	1096.000	XD5	Cape Tormentine light buoy XD5	4905	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.10	46° 7' 58.0002"	63° 46' 25.5"	600	lb	Concrete	9.1	16	Chain	2016	3	3
A-33	1102.300	XK2	Robichaud light buoy XK2	4905	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	46° 13' 45"	64° 22' 36"	400	lb	Concrete	8	16	Chain	2016	3	3
A-33	1102.500	XK6	Robichaud light buoy XK6	4905	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.50	46° 13' 45"	64° 22' 46"	400	lb	Concrete	3	16	Chain	2016	3	3
A-33	6084.900	XA1	Tidnish Can XA1	4406	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	2.10	46° 1' 7.215"	64° 1' 36.621"	200	lb	Concrete	9.1	14	Chain	2016	3	3
A-33	6084.910	XA4	Tidnish conical buoy XA4	4406	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46° 0' 35.34"	64° 2' 20.88"	200	lb	Concrete	5	16	Chain	2016	3	3
A-33	6094.900	XD11	Cape Tormentine Harbour 1st spar buoy XD11	4905	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	46° 7' 58"	63° 46' 32"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-33	6102.310	XK4	Robichaud red conical XK4	4905	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	2.70	46° 13' 45"	64° 22' 46"	400	lb	Concrete	5.4	16	Chain	2016	3	3
A-33	1102.100	XJ4	Harshman's Brook light buoy XJ4	4905	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.40	46° 14' 3.48"	64° 17' 58.8"	400	lb	Concrete	11	16	Chain	2016	3	3
A-33	1102.110	XJ5	Harshman's Brook light buoy XJ5	4905	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.40	46° 14' 2.7"	64° 17' 57.3"	400	lb	Concrete	6.8	16	Chain	2016	3	3
A-33	1102.120	XJ6	Harshman's Brook light buoy XJ6	4905	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	46° 13' 57.6"	64° 17' 57.7"	400	lb	Concrete	3.6	16	Chain	2016	3	3
A-33	1102.130	XJ7	Harshman's Brook light buoy XJ7	4905	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.50	46° 13' 58.98"	64° 17' 55.56"	400	lb	Concrete	9.1	16	Chain	2016	3	3
Buoys included in contract from July 2016																						
A-33	6094.100	XC2	Port Elgin Conical XC2	4406	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46° 2' 5.121"	64° 2' 38.896"	100	lb	Concrete	9.1	16	Chain	2016	3	3
A-33	6094.200	PLAS	Port Elgin - Baie Verte conical plastic buoy	4406	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46° 3' 6"	64° 5' 6"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.300	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 2' 50"	64° 4' 6"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.310	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 2' 50"	64° 4' 6"	100	lb	Concrete		16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-33	6094.320	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.330	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.340	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.350	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.360	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.370	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.380	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.390	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.400	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.410	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.420	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.430	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.440	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.450	PLAS15	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.460	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.470	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.480	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.490	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.500	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.510	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.520	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-33	6094.530	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-33	6094.540	PLAS10	Port Elgin - Baie Verte can plastic buoy	4406	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Shediac and Cocagne		
Contract Area no.:	A-34		
Province(s):	New Brunswick		
Contract Area Description:	Includes the area from Shediac to Cocagne		
Material Transportation & Storage	Material storage by: Contractor	Material Transportation by: Canadian Coast Guard	
Coast Guard Depot:	Off season lantern storage by: Contractor Charlottetown, PE		
Commissioning date:	May 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	74		
Max. buoy size(m) diameter :	0.8		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	65		
Maximum water depth (m) :	8		
Operational Season:	May 15th to December 15th		
Overview of work activities:	All of the buoys are 'seasonal'. 18 buoys are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	This area includes 85 stakes. See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule Local Knowledge is used to place buoys and stakes for all areas in this contract area		

Contract Area name:	Shediac and Cocagne
Contract Area no.:	A-34

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>			
Name	No. of buoys		Last option expiry year					
Cocagne Bay	3	**	2015					
Grandique	5	**	2015					
Shediac	24	**	2015					
Total, 2015:	32				2015 - 2016:	32 buoys**		
<i>Cocagne</i>	23	**	2016					
Shediac Bridge	19		2016		2016 to 2019 (or 2020 if option year exercised):	74 buoys**		
Additional sub-total, 2016:	42							

- ** Cocagne Bay, includes 16 stakes in addition to 3 buoys
- ** Grandique, includes 29 stakes in addition to 5 buoys
- **Shediac, includes 20 stakes in addition to 24 buoys
- **Cocagne, includes 20 stakes in addition to 22 buoys

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-34	1109.400	XN20	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1918	Extinguished / Éteinte	15/08/2013	3
A-34	1109.600	XN21	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1884	Extinguished / Éteinte	12/08/2013	3
A-34	1109.600	XN21	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2202	Extinguished / Éteinte	06/08/2011	3
A-34	1109.800	XN22	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1798	Extinguished / Éteinte	30/07/2012	3
A-34	1109.800	XN22	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2279	Off Position / Hors Position	13/08/2011	3
A-34	1111.200	XN34	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1320	Extinguished / Éteinte	05/06/2009	3
A-34	1111.410	XN37	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1798	Extinguished / Éteinte	31/07/2013	3
A-34	1111.460	XN42	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1799	Extinguished / Éteinte	31/07/2013	3
A-34	1114.800	XT22	GDI 680N	GDI 680N	M1611	Extinguished / Éteinte	12/07/2012	3
A-34	1119.000	XU2	GDI 0.9m conique	GDI 0.9m Conical	M1871	Showing Improper Character / Caractéristiques Inexactes	08/08/2013	3
A-34	1106.000	XN12	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1583	Extinguished / Éteinte	14/07/2013	3
A-34	1106.000	XN12	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2201	Extinguished / Éteinte	06/08/2011	3
A-34	1106.000	XN12	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1375	Extinguished / Éteinte	10/06/2009	3
A-34	6109.810	XP3	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1265	Off Position / Hors Position	29/05/2009	3
A-34	6109.830	XN30	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1743	Off Position / Hors Position	26/06/2011	3
A-34	6109.830	XN30	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1480	Off Position / Hors Position	06/06/2011	3
A-34	6109.830	XN30	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1313	Off Position / Hors Position	24/05/2011	3
A-34	1114.200	XT4	0.75m SB 105 conique	0.75m SB 105 Conical	M2429	Partially Submerged / Partiellement Submergée	11/09/2009	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-34	6119.100	XU4	Cocagne Bay red plastic buoy XU4	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	2	16	Chain	2017	3	3
A-34	6119.110	XU6	Cocagne Bay red plastic buoy XU6	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	2	16	Chain	2017	3	3
A-34	6119.120	XU8	Cocagne Bay red plastic buoy XU8	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	4	16	Chain	2017	3	3
A-34	1106.000	XN12	Shediac light buoy XN12	4909	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.00	46º 15' 29"	64º 30' 29"	2000	lb	Concrete	18	22	Chain	2016	3	3
A-34	1109.000	XN18	Shediac light buoy XN18	4909	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	5.00	46º 15' 23.5"	64º 31' 27"	2000	lb	Concrete	18	22	Chain	2016	3	3
A-34	1109.200	XN19	Shediac Harbour light buoy XN19	4909	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46º 15' 17"	64º 31' 28.5"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-34	1109.400	XN20	Shediac Harbour light buoy XN20	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	46º 15' 10.5"	64º 31' 41.5"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-34	1109.600	XN21	Shediac Harbour light buoy XN21	4909	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	46º 15' 3.5"	64º 31' 32"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-34	1109.800	XN22	Shediac Harbour light buoy XN22	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	46º 14' 54.5"	64º 31' 42"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-34	1111.200	XN34	Shediac Bay light buoy XN34	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	46º 14' 21.5"	64º 32' 24"	400	lb	Concrete	9	16	Chain	2016	3	3
A-34	1111.410	XN37	Shediac Bay light buoy XN37	4909	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.40	46º 14' 3"	64º 32' 41.5"	400	lb	Concrete	6	20	Chain	2016	3	3
A-34	1111.450	XN41	Shediac Bay light buoy XN41	4909	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.80	46º 13' 50"	64º 32' 44.5"	400	lb	Concrete	4.6	20	Chain	2016	3	3
A-34	1111.460	XN42	Shediac Bay light buoy XN42	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	46º 13' 51"	64º 32' 46"	400	lb	Concrete	4.6	20	Chain	2016	3	3
A-34	1111.480	XN46	Shediac Bay light buoy XN46	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	46º 13' 41.6"	64º 32' 53.6"	400	lb	Concrete	4.6	20	Chain	2016	3	3
A-34	6103.100	XM	Shediac North Cardinal Spar Buoy	4905	Unlit	GDI 680N		Plastic	Yellow	Seasonal	7.50	46º 15' 42"	64º 28' 12"	400	lb	Concrete	15	16	Chain	2015	3	3
A-34	6109.805	XP1	Shediac Harbour buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46º 14' 31.2"	64º 31' 42"	200	lb	Concrete	6	16	Chain	2015	3	3
A-34	6109.810	XP3	Shediac Harbour buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 14' 29.8"	64º 31' 39"	200	lb	Concrete	6	16	Chain	2015	3	3
A-34	6109.830	XN30	Shediac conical buoy XN30	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46º 14' 41.1"	64º 32' 8"	200	lb	Concrete	3.6	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-34	6109.840	XPA	Shediac cautionary buoy XPA	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Yellow	Seasonal	4.60	46° 14' 24.3"	64° 31' 51.8"	200	lb	Concrete	9.2	16	Chain	2015	3	3
A-34	6109.850	XPC	Shediac cautionary buoy XPC	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Yellow	Seasonal	4.60	46° 14' 23.3"	64° 31' 51.8"	200	lb	Concrete	9.2	16	Chain	2015	3	3
A-34	6111.420	XPD	Shediac conical buoy XPD	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	46° 16' 7"	64° 33' 8.5"	200	lb	Concrete	5	16	Chain	2015	3	3
A-34	6111.430	PLAS3	Shediac conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2015	3	3
A-34	6111.455	PLAS3	Shediac conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2015	3	3
A-34	6111.470	PLAS3	Shediac conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2015	3	3
A-34	6111.540	PLAS3	Shediac can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	0	0	3
A-34	6111.550	PLAS3	Shediac can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2015	3	3
A-34	6111.560	PLAS3	Shediac can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2015	3	3
A-34	6114.100	XQ2	Grandique red conical buoy XQ2	4023	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.1	16	Chain	2015	3	3
A-34	6114.250	XQ3	Grandique Green can buoy XQ3	N/A	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal				200	lb	Concrete	7.6	14	Chain	2015	3	3
A-34	6114.260	XQ4	Grandique Red Conical Buoy XQ4	4023	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46° 17' 22.2"	64° 31' 4.86"	200	lb	Concrete		16	Chain	0	3	3
A-34	6114.270	XQ6	Grandique Red Conical Buoy XQ6	4023	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46° 17' 17.4"	64° 31' 54"	200	lb	Concrete		16	Chain	0	3	3
A-34	6114.280	XQ8	Grandique Red Conical Buoy XQ8	4023	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46° 17' 11.4"	64° 32' 6"	200	lb	Concrete		16	Chain	0	3	3
Buoys included in contract from July 2016																						
A-34	1114.200	XT4	Cocagne light buoy XT4	4909	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	3.40	46° 22' 22.86"	64° 34' 8.64"	2500	lb	Concrete	9.1	16	Chain	2016	3	3
A-34	1114.240	XT8	Cocagne light buoy XT8	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46° 21' 40"	64° 35' 13"	400	lb	Concrete	7.6	16	Chain	2016	3	3
A-34	1114.300	XT13	Cocagne light buoy XT13	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	5.50	46° 20' 58"	64° 35' 34"	400	lb	Concrete	11	16	Chain	2016	3	3
A-34	1114.500	XT18	Cocagne Bay light buoy XT18	4909	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	3.50	46° 20' 23"	64° 36' 42"	800	lb	Concrete	4.6	16	Chain	2016	3	3
A-34	1114.800	XT22	Cocagne light buoy XT22	4909	Night	GDI 680N		Plastic	Red	Seasonal	6.10	46° 19' 52.3"	64° 37' 17"	800	lb	Concrete	12.2	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-34	1115.000	XT2	Cook Point (Pacquet Point) light buoy XT2	4909	Night	GDI 0.9m Conical		Plastic	Red	Seasonal	8.00	46° 23' 30.5"	64° 33' 9"	1000	lb	Concrete	27	16	Chain	2016	3	3
A-34	1119.000	XU2	The Bluff light buoy XU2	4905	Night	GDI 0.9m Conical		Plastic	Red	Seasonal	8.00	46° 25' 6"	64° 34' 58"	1000	lb	Concrete	27.4	16	Chain	2016	3	3
A-34	6114.300	XS2	Shediac Bridge buoy XS2	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.310	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.311	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.312	PLAS4	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.313	PLAS4	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.314	PLAS4	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.315	PLAS4	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.316	PLAS14	Shediac Bridge Conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.317	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.318	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.319	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.321	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.322	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.323	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.324	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.325	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.326	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	#####	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	0	0	3
A-34	6114.327	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3
A-34	6114.328	PLAS14	Shediac Bridge conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	3.6	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-34	6114.400	XT6	Cocagne Conical Buoy XT6	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	46º 21' 57"	64º 34' 50"	200	lb	Concrete	9.1	16	Chain	2016	3	3
A-34	6114.410	XT7	Cocagne Plastic Buoy XT7	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	46º 21' 58.5"	64º 34' 22.26"	200	lb	Concrete	7.6	16	Chain	2016	3	3
A-34	6114.700	XT9	Cocagne Plastic Buoy XT9	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 21' 39.3"	64º 34' 45.06"	200	lb	Concrete	7.6	16	Chain	2016	3	3
A-34	6114.810	XT10	Cocagne Plastic Buoy XT10	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	46º 21' 19"	64º 35' 38"	200	lb	Concrete	7.6	16	Chain	2016	3	3
A-34	6114.900	XT11	Cocagne Plastic Buoy XT11	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	46º 21' 18"	64º 35' 10"	200	lb	Concrete	7.6	16	Chain	2016	3	3
A-34	6114.910	XT12	Cocagne Plastic Buoy XT12	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.20	46º 20' 58.2"	64º 36' 1.56"	200	lb	Concrete	10.4	16	Chain	2016	3	3
A-34	6115.110	PLAS2	Cocagne can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-34	6115.111	PLAS2	Cocagne can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-34	6115.120	PLAS2	Cocagne conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-34	6115.121	PLAS2	Cocagne conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-34	6115.130	PLAS3	Cocagne conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	0	16	Chain	2016	3	3
A-34	6115.131	PLAS3	Cocagne conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-34	6115.132	PLAS3	Cocagne conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-34	6115.140	PLAS3	Cocagne can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	0	16	Chain	2016	3	3
A-34	6115.141	PLAS3	Cocagne can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-34	6115.142	PLAS3	Cocagne can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Chain	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Bouctouche Harbour and River		
Contract Area no.:	A-35		
Province(s):	New Brunswick		
Contract Area Description:	Includes Bouctouche Harbour & River		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard		
Coast Guard Depot:	Off season lantern storage by: Contractor Charlottetown, PE		
Commissioning date:	May 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	47		
Max. buoy size(m) diameter :	0.8		
Maximum anchor size (weight (kg)):	364		
Maximum buoy weight (kg) :	18		
Maximum water depth (m) :	7		
Operational Season:	May 15th to December 15th		
Overview of work activities:	All of the buoys are 'seasonal'. 2 buoys are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	This area includes 248 stakes See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule Local Knowledge is used to place buoys and stakes for all areas in this contract area		

Contract Area name:	Bouctouche Harbour and River
Contract Area no.:	A-35

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>			
Name	No. of buoys		Last option expiry year				
Bouctouche Harbour	47	**	2015				
Total, 2015:	47			2015 - 2016:	47 buoys**		
Bouctouche River	0	**	2016				
Total, 2015:	0			2016 to 2019 (or 2020 if option year exercised):	47 buoys**		

** Bouctouche Harbour includes 48 stakes in addition to the 47 buoys

** Bouctouche River includes 200 stakes and no buoys.

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-35	1119.550	XV2	GDI 680N	GDI 680N	M2111	Extinguished / Éteinte	17/08/2009	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-35	1119.550	XV2	Bouctouche Harbour light buoy XV2	4909	Night	GDI 680N		Plastic	Red	Seasonal	7.00	46º 27' 3"	64º 35' 45"	800	lb	Concrete	27.4	20	Chain	2016	3	3
A-35	6119.650	XV6	Bouctouche Harbour Buoy XV6	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	46º 27' 12.7"	64º 37' 20.7"	200	lb	Concrete	4.6	16	Chain	2015	3	3
A-35	6125.110	XV4	Bouctouche Harbour red conical XV4	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.40	46º 27' 9.5"	64º 37' 2"	200	lb	Concrete	18.3	16	Chain	2015	3	3
A-35	6125.130	XV8	Bouctouche Harbour red conical XV8	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.40	46º 27' 16"	64º 37' 53"	200	lb	Concrete	18.3	16	Chain	0	3	3
A-35		XV10	Boutouche Harbour Light buoy XV10	4909	Night	SB-98	261	Plastic	Red	Seasonal	3.50	46º 27' 21.2"	64º 38' 11.8"	TBD	lb	Concrete	11	20	Chain	2017	3	3
A-35	6125.150	XV12	Bouctouche Harbour red conical XV12	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.40	46º 27' 27"	64º 38' 23"	200	lb	Concrete	12.8	16	Chain	2015	3	3
A-35		XV13	Bouctouche Harbour buoy XV13	4909	Unlit	0.75m Plastic Conical (SB76		Plastic	Red	Seasonal	5.90	46º 27' 30.5"	64º 38' 36.5"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	3
A-35	6125.160	XV14	Bouctouche Harbour red buoy XV14	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.40	46º 27' 41"	64º 38' 42"	200	lb	Concrete	12.8	16	Chain	2015	3	3
A-35	6125.170	XV16	Bouctouche Harbour red buoy XV16	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.50	46º 27' 50.5"	64º 38' 47.5"	200	lb	Concrete	5	16	Chain	2015	3	3
A-35		XV17	Boutouche harbour Light buoy XV17	4909	Unlit	0.75m Plastic Conical (SB76		Plastic	Green	Seasonal	4.10	46º 27' 54.06"	64º 38' 09.4"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	3
A-35	6125.180	XV18	Bouctouche Harbour red buoy XV18	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.50	46º 28' 10"	64º 39' 15.5"	200	lb	Concrete	5	16	Chain	2015	3	3
A-35	6125.190	XV15	Bouctouche Harbour green buoy XV15	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	46º 27' 41"	64º 38' 50.5"	200	lb	Concrete	12	16	Chain	2015	3	3
A-35	6125.210	XV19	Bouctouche Harbour green buoy XV19	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.30	46º 28' 9"	64º 39' 24.5"	200	lb	Concrete	8.6	16	Chain	2015	3	3
A-35		XV20	Boutouche Harbour Light buoy XV20	4909	Night	SB-98	261	Plastic	Red	Seasonal	4.00	46º 28' 5.7"	64º 39' 24.3"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	3
A-35	6125.220	XV21	Bouctouche Harbour green can XV21	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.10	46º 28' 22"	64º 39' 43"	200	lb	Concrete	18.3	16	Chain	2015	3	3
A-35	6125.230	XV23	Bouctouche Harbour green can XV23	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.50	46º 28' 34"	64º 40' 3"	200	lb	Concrete	11	16	Chain	2015	3	3
A-35	6125.240	XV60	Bouctouche Harbour buoy XV60	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.50	46º 28' 16"	64º 42' 6"	200	lb	Concrete	18.3	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-35		XV26	Bouctouche Harbour light buoy XV26	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	TBD	46° 28' 40.02"	64° 40' 13.6"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV27	Bouctouche Harbour buoy XV27	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 37.7"	64° 40' 15.8"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV28	Bouctouche Harbour buoy XV28	4909	Unlit	0.4m SB 40 Coniical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 39"	64° 40' 28.8"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV29	Bouctouche Harbour light buoy XV29	4909	Night	0.3m Spar Can Plastic (ORT)	65	Plastic	Green	Seasonal	TBD	46° 28' 37.14"	64° 40' 27.3"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV30	Bouctouche Habour buoy XV30	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 36.18"	64° 40' 41.88"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV31	Bouctouche Harbour buoy XV31	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 34.26"	64° 40' 54.42"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV32	Bouctouche Harbour light buoy XV32	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	TBD	46° 28' 32.94"	64° 40' 54.42"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV33	Bouctouche Harbour buoy XV33	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 30.9"	64° 40' 53.88"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV34	Bouctouche Harbour buoy XV34	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 29.34"	64° 41' 6.66"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV35	Bouctouche Harbour buoy XV35	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 27.36"	64° 41' 5.52"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV36	Bouctouche Harbour light buoy XV36	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	TBD	46° 28' 25.8"	64° 41' 18.96"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV37	Bouctouche Harbour light buoy XV37	4909	Night	0.3m Spar Can Plastic (ORT)	65	Plastic	Green	Seasonal	TBD	46° 28' 24.24	64° 41' 18.18"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV38	Bouctouche Harbour buoy XV38	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 23.76"	64° 41' 31.26"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV39	Bouctouche Harbour buoy XV39	4909	Unlit	0.4m SB 40 can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 22.14"	64° 41' 30.84"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV40	Bouctouche Harbour buoy XV40	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 21.42"	64° 41' 43.62"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV41	Bouctouche Harbour light buoy XV41	4909	Night	0.3m Spar Can Plastic (ORT)	65	Plastic	green	Seasonal	TBD	46° 28' 19.68"	64° 41' 42.96"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV42	Bouctouche Harbour buoy XV42	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 15.78"	64° 41' 53.7"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-35		XV43	Bouctouche Harbour buoy XV42	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 17.64"	64° 41' 54.9"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV45	Bouctouche Harbour buoy XV45	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 13.86"	64° 42' 56.4"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV46	Bouctouche Harbour buoy XV46	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 20.46"	64° 42' 14.46"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV47	Bouctouche Harbour buoy XV47	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 18.06"	64° 42' 18.12"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV48	Bouctouche Harbour buoy XV48	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 26.28"	64° 42' 24.72"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV49	Bouctouche Harbour buoy XV49	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 24.78"	64° 42' 26.94"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV51	Bouctouche Harbour light buoy XV51	4909	Night	0.3m Spar Can Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	46° 28' 26.7"	64° 42' 32.22"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV52	Bouctouche Harbour buoy XV52	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 28.68"	64° 42' 35.94	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV54	Bouctouche Harbour buoy XV54	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 28.56"	64° 42' 28.5"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV55	Bouctouche Harbour buoy XV55	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	TBD	46° 28' 27.48"	64° 42' 44.82"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD
A-35		XV56	Bouctouche Harbour buoy XV56	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	TBD	46° 28' 28.68"	64° 42' 51.3"	TBD	lb	Concrete	TBD	TBD	Chain	2017	3	TBD

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Richibucto (including Alduoane)		
Contract Area no.:	A-36		
Province(s):	New Brunswick		
Contract Area Description:	The area includes Richibucto and Alduoane.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown, PE		
Commissioning date:	May 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	126(33+ 93 Uncharted)		
Max. buoy size(m) diameter :	0.8		
Maximum anchor size (weight (kg)):	364		
Maximum buoy weight (kg) :	65		
Maximum water depth (m) :	5.5		
Operational Season:	May 15th to December 15th		
Overview of work activities:	All of the buoys are 'seasonal'. 17 are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	This area includes 57 stakes See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule Local Knowledge is used to place buoys and stakes for all areas in this contract area		

Contract Area name:	Richibucto (including Aldouane)
Contract Area no.:	A-36

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 3 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>			
Name	No. of buoys	Last option expiry year					
Richibucto Harbour & River	26		2015				
Aldouane	40 **		2015				
Richibucto (Rextons to Browns Yard)	60		2015				
<i>Additional sub-total, 2016:</i>	<i>126</i>			<u>2015 to 2019 (or 2020 if option year exercised):</u>	126 buoys**		

** Aldouane includes 57 stakes in addition to the 40 buoys

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-36	1132.000	Q3	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M3005	Off Position / Hors Position	23/10/2011	3
A-36	1132.000	Q3	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2853	Extinguished / Éteinte	04/10/2011	3
A-36	1132.000	Q3	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1320	Extinguished / Éteinte	25/05/2011	3
A-36	1133.600	Q10	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2855	Extinguished / Éteinte	04/10/2011	3
A-36	1133.600	Q10	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1297	Off Position / Hors Position	07/06/2012	3
A-36	1134.000	Q11	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2414	Extinguished / Éteinte	02/10/2012	3
A-36	1134.000	Q11	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M731	Extinguished / Éteinte	23/04/2013	3
A-36	1134.000	Q11	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2068	Extinguished / Éteinte	10/08/2010	3
A-36	1135.000	Q18	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1804	Extinguished / Éteinte	31/07/2012	3
A-36	1136.000	Q22	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M817	Extinguished / Éteinte	29/04/2009	3
A-36	1144.000	Q25	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1805	Extinguished / Éteinte	31/07/2012	3
A-36	1144.000	Q25	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1625	Extinguished / Éteinte	27/06/2010	3
A-36	1144.500	Q28	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1955	Extinguished / Éteinte	21/08/2013	3
A-36	1147.000	Q32	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1974	Extinguished / Éteinte	29/07/2010	3
A-36	1148.000	QA2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2565	Extinguished / Éteinte	07/09/2011	3
A-36	1148.400	QA6	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M983	Extinguished / Éteinte	16/05/2013	3
A-36	1148.500	QA7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M920	Extinguished / Éteinte	09/05/2013	3
A-36	1148.500	QA7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2110	Extinguished / Éteinte	28/07/2011	3
A-36	1148.500	QA7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2351	Extinguished / Éteinte	01/09/2010	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-36	1149.300	QA11	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1596	Showing Improper Character / Caractéristiques Inexactes	11/07/2012	3
A-36	1149.300	QA11	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M818	Extinguished / Éteinte	29/04/2009	3
A-36	1150.000	Q38	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1676	Extinguished / Éteinte	18/07/2012	3
A-36	6150.160	Q51	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2133	Off Position / Hors Position	01/08/2011	3
A-36	1149.600	QA13	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2109	Extinguished / Éteinte	28/07/2011	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-36	1132.000	Q3	Richibucto Gully Entrance light buoy Q3	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.70	46° 43' .6"	64° 44' 34.2"	400	lb	Concrete	18.2	16	Chain	2016	3	3
A-36	1133.100	Q5	Richibucto Light Buoy Q5	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	4.00	46° 42' 51"	64° 44' 42.6"	400	lb	Concrete	18.2	16	Chain	2016	3	1
A-36	1133.400	Q6	Richibucto Light Buoy Q6	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	4.00	46° 42' 42.3"	64° 45' 9.78"	400	lb	Concrete	18.2	16	Chain	2016	3	1
A-36	1133.600	Q10	Richibucto Gully Outer light buoy Q10	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.70	46° 42' 32.7"	64° 45' 18.48"	400	lb	Concrete	18.2	16	Chain	2016	3	3
A-36	1134.000	Q11	Richibucto Gully Inner light buoy Q11	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.70	46° 42' 34"	64° 45' 47"	400	lb	Concrete	18.2	16	Chain	2016	3	3
A-36	1135.000	Q18	Richibucto Gully Channel light buoy Q18	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	46° 42' 37.8"	64° 46' 1.8"	400	lb	Concrete	18.2	16	Chain	2016	3	3
A-36	1136.000	Q22	North Richibucto Beach Breakwater light buoy Q22	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	46° 42' 45"	64° 47' 13"	400		Concrete	18.2	16	Chain	2016	3	3
A-36	1144.000	Q25	North Richibucto Beach light buoy Q25	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	46° 42' 51"	64° 47' 46"	400	lb	Concrete	18.2	16	Chain	2016	3	3
A-36	1144.500	Q28	Richibucto Harbour light buoy Q28	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.70	46° 42' 33"	64° 48' 41.5"	400	lb	Concrete	7.6	16	Chain	2016	3	3
A-36	1147.000	Q32	Richibucto Harbour Outer light buoy Q32	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.70	46° 42' 11.5"	64° 49' 14"	400	lb	Concrete	13.7	16	Chain	2016	3	3
A-36	1150.000	Q38	Pagan Point light buoy Q38	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.70	46° 41' 33"	64° 50' 37"	400	lb	Concrete	10.7	16	Chain	2016	3	3
A-36	6132.100	Q4	Richibucto Harbour Approach Buoy Q4	4909	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.50	46° 42' 56.46"	64° 44' 56.76"	400	lb	Concrete	27.4	16	Chain	2015	3	3
A-36	6135.100	Q19	Richibucto Gully Q19	4909	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	3.00	46° 42' 40.5"	64° 47' 2.5"	800	lb	Concrete	18.2	20	Chain	2015	3	3
A-36	6136.100	Q24	Richibucto North Beach Q24	4909	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	3.00	46° 42' 53.5"	64° 47' 34"	400	lb	Concrete	18.2	16	Chain	2015	3	3
A-36	6147.100	Q35	Richibucto River Q35	4909	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	2.70	46° 41' 44.5"	64° 50' 9.5"	400	lb	Concrete	9.1	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-36	6150.100	Q39	Richibucto River Q39	4909	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	2.70	46° 41' 19"	64° 50' 56"	400	lb	Concrete	12.2	16	Chain	2016	3	3
A-36	6150.110	Q42	Richibucto River Q42	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	46° 41' 9"	64° 51' 21"	400	lb	Concrete	9.1	16	Chain	2015	3	3
A-36	6150.120	Q43	Richibucto River Q43	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	46° 40' 51.4"	64° 51' 27.3"	200	lb	Concrete	9.1	16	Rope	2015	3	3
A-36	6150.130	Q46	Richibucto River Q46	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	46° 40' 25.5"	64° 51' 37.5"	200	lb	Concrete	7.6	16	Rope	2015	3	3
A-36	6150.140	Q47	Richibucto River Q47	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	46° 40' 18.5"	64° 51' 30.5"	200	lb	Concrete	7.6	16	Rope	2015	3	3
A-36	6150.150	Q49	Richibucto River Q49	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	46° 39' 59.5"	64° 51' 30.5"	200	lb	Concrete	7.6	16	Rope	2015	3	3
A-36	6150.160	Q51	Richibucto River Q51	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	46° 39' 43.5"	64° 51' 32"	100	lb	Concrete	7.6	16	Rope	2015	3	3
A-36	6150.170	Q53	Richibucto River Q53	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	46° 39' 27"	64° 51' 36"	200	lb	Concrete	7.6	16	Rope	2015	3	3
A-36	6150.180	Q54	Richibucto River Q54	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	46° 39' 9.5"	64° 51' 49"	200	lb	Concrete	7.6	16	Rope	2015	3	3
A-36	6150.190	Q56	Richibucto River Q56	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	46° 38' 56"	64° 51' 59"	200	lb	Concrete	7.6	16	Rope	2015	3	3
A-36	6150.200	Q57	Richibucto River Q57	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.70	46° 38' 49.5"	64° 52' 0"	200	lb	Concrete	7.6	16	Rope	2015	3	3
A-36	1148.000	QA2	Richibucto Harbour light buoy QA2	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	46° 41' 52.5"	64° 50' 16"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-36	1148.400	QA6	Richibucto Harbour Northwest Branch light buoy QA6	4909	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	46° 42' 5"	64° 51' 3"	400	lb	Concrete	6.1	20	Chain	2016	3	3
A-36	1148.500	QA7	Richibucto Harbour Northwest Branch light buoy QA7	4909	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	46° 42' 18"	64° 51' 19"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-36	1149.000	QA8	Richibucto Northwest Branch light buoy QA8	4909	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	4.00	46° 42' 20"	64° 51' 38"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-36	1149.300	QA11	Pointe Lec light buoy QA11	4909	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	46° 43' 4"	64° 51' 58"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-36	1149.600	QA13	Richibucto Northwest Branch light buoy QA13	4909	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	46° 42' 50.5"	64° 52' 22"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-36	6148.100	QA4	Richibucto - N.W. Branch QA4	4909	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	2.00	46° 41' 58"	64° 50' 34"	600	lb	Concrete	4.6	16	Chain	2015	3	3
A-36	6148.300	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-36	6148.301	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.302	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.303	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.304	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.305	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.306	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.307	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.308	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.309	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.311	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.312	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.313	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.314	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.315	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.316	PLAS16	Aldouane River conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.350	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.351	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.352	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.353	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.354	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.355	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-36	6148.356	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.357	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.358	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.359	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.361	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.362	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.363	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.364	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.365	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.366	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6148.367	PLAS17	Aldouane River can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6150.300	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0° 0' 0"	0° 0' 0"	100	lb	Concrete	0	16	Rope	2015	1	3
A-36	6150.301	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6150.302	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6150.303	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6150.304	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6150.305	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-36	6150.306	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.307	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.308	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.309	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-36	6150.310	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.311	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.312	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.313	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.314	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.315	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.316	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.317	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.318	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.319	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.320	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.321	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.322	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.323	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.324	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.325	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.326	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.327	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.328	PLAS28	Richibucto conical plastic buoy	4909	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.330	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.340	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-36	6150.350	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.360	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.370	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.380	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.390	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.400	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.410	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.420	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.430	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.440	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.450	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.460	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.470	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.480	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.490	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.500	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.510	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.520	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.530	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.540	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.550	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-36	6150.560	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.570	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.580	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.590	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.600	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.610	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.620	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3
A-36	6150.630	PLAS32	Richibucto can plastic buoy	4909	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	St. Louis to Kouchibouguac
Contract Area no.:	A-37
Province(s):	New Brunswick
Contract Area Description:	Includes the are from St. Louis to Kouchibouguac, including the St. Louis and Kouchibouguac Rivers
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown
Commissioning date:	May 15th
Decommissioning date:	December 15th
Total no. of buoys:	61 (42 + 19 Uncharted)
Max. buoy size(m) diameter :	0.88
Maximum anchor size (weight (kg)):	681
Maximum buoy weight (kg) :	65
Maximum water depth (m) :	13
Operational Season:	May 15th to December 15th
Overview of work activities:	<p>All of the buoys are 'seasonal', 16 are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly.</p> <p>Unscheduled work includes response to discrepancies during the operational season. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.</p>
Comment:	<p>This area includes 115 stakes: 34 at Kouchibouguac and 81 at St. Louis & Polonie River. Local knowledge is required to place stakes in this contract, due to shifting channels .</p> <p>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule</p>

Contract Area name:	St. Louis to Kouchibouguac
Contract Area no.:	A-37

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>			
Name	No. of buoys		Last option expiry year					
LL# 1152.8								
Currently managed by CCG	1		N/A					
St. Louis & Polonie River	29	**	2016					
Kouchibouguac	31	**	2016					
Total, 2016:	61				2016 to 2019 (or 2020 if option year exercised):	61 buoys		

** St Louis & Polonie includes 81 stakes in addition to 29 buoys.

** Kouchibouguac includes 34 stakes in addition to 31 buoys.

Note that in the costing submission, prices should NOT be provided for the years 2014-2016.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-37	1152.800	XX	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M12		03/01/2012	3
A-37	1154.000	XX4	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2322	Off Position / Hors Position	01/09/2009	3
A-37	1154.200	XX19	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2221	Extinguished / Éteinte	08/08/2011	3
A-37	1154.200	XX19	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1427	Off Position / Hors Position	01/06/2011	3
A-37	1154.400	XX24	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M853	Extinguished / Éteinte	22/04/2010	3
A-37	1154.450	XX35	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2635	Extinguished / Éteinte	12/09/2011	3
A-37	1154.500	XX36	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2244	Extinguished / Éteinte	11/09/2012	3
A-37	1154.600	XX37	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1428	Extinguished / Éteinte	01/06/2011	3
A-37	1154.800	XX39	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2052	Extinguished / Éteinte	20/08/2012	3
A-37	1154.900	XX42	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1791	Extinguished / Éteinte	31/07/2013	3
A-37	1154.900	XX42	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1898	Extinguished / Éteinte	30/07/2009	3
A-37	6154.140	XX8	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1783	Off Position / Hors Position	13/07/2010	3
A-37	6154.170	XX18	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1782	Off Position / Hors Position	13/07/2010	3
A-37	6154.170	XX18	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1566	Off Position / Hors Position	22/06/2010	3
A-37	6154.455	XX27	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1567	Off Position / Hors Position	22/06/2010	3
A-37	1158.500	XY9	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1141	Off Position / Hors Position	30/05/2013	3
A-37	1158.500	XY9	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1047	Extinguished / Éteinte	10/05/2012	3
A-37	1158.500	XY9	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1304	Off Position / Hors Position	08/06/2012	3
A-37	1158.600	XY17	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1480	Extinguished / Éteinte	02/07/2013	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-37	1152.800	XX	Blacklands Gully light buoy XX	4906	Night	0.6m SB 60 Spar Can Pl		Plastic	Red-white	Seasonal	13.00	46° 46' 24.2"	64° 50' 15.7"	1500	lb	Serrated	27.4	22	Chain	2016	3	3
A-37	1154.000	XX4	St. Louis River light buoy XX4	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.80	46° 46' 3.84"	64° 50' 56.76"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-37	1154.100	XX13	St. Louis River light buoy XX13	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.10	46° 46' 1.92"	64° 51' 12.6"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-37	1154.200	XX19	St. Louis River light buoy XX19	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.80	46° 47' 10"	64° 52' 35"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-37	1154.400	XX24	St. Louis River light buoy XX24	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.80	46° 47' 15"	64° 52' 40"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-37	1154.450	XX35	St. Louis River light buoy XX35	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	4.60	46° 46' 3.1"	64° 52' 2.5"	400	lb	Concrete	12.2	16	Chain	2016	3	3
A-37	1154.500	XX36	St. Louis River light buoy XX36	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46° 47' 15"	64° 52' 40"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-37	1154.600	XX37	St. Louis River light buoy XX37	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.30	46° 47' 15.2"	64° 52' 37.7"	400	lb	Concrete	4.6	16	Chain	2016	3	3
A-37	1154.800	XX39	St. Louis River light buoy XX39	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.40	46° 47' 15"	64° 52' 40"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-37	1154.850	XX41	St. Louis River light buoy XX41	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	46° 46' 5.2"	64° 52' 3.4"	400	lb	Concrete	7.6	16	Chain	2016	3	3
A-37	1154.900	XX42	St. Louis River light buoy XX42	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46° 47' 15"	64° 52' 40"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-37	1154.950	XX43	St. Louis River light buoy XX43	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	46° 46' 1.3"	64° 52' 7.3"	400	lb	Concrete	7.6	16	Chain	2016	3	3
A-37	1157.000	XY2	Kouchibouguac Gully light buoy XY2	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	6.10	46° 50' 3.96"	64° 53' 59.4"	400	lb	Concrete	15.2	16	Chain	2016	3	3
A-37	1158.500	XY9	Kouchibouguac Gully light buoy XY9	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.40	46° 50' 3.42"	64° 54' 21.48"	400	lb	Concrete	4.6	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-37	1158.600	XY17	Kouchibouguac Gully light buoy XY17	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.40	46° 50' 19"	64° 54' 45"	400	lb	Concrete	4.6	16	Chain	2016	3	3
A-37	1159.000	XY21	Kouchibouguac Gully Inner light buoy XY21	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	4.60	46° 50' 35"	64° 55' 0"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-37	6154.110	XX2	Blacklands Gully conical buoy XX2	4906	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.50	46° 46' 3.54"	64° 50' 42.42"	400	lb	Concrete	18.3	16	Chain	2015	3	3
A-37	6154.130	XX7	Blacklands Gully Green Plastic Can XX7	4906	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.80	46° 46' 1.92"	64° 50' 56.04"	400	lb	Concrete	9.1	16	Chain	2015	3	3
A-37	6154.140	XX8	Blacklands Gully red spar XX8	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	46° 46' 3.9"	64° 51' 4.62"	200	lb	Concrete	3.6	16	Chain	2015	3	3
A-37	6154.150	XX9	Blacklands Gully green can XX9	4906	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.80	46° 46' 2.4"	64° 51' 4.14"	400	lb	Concrete	3.6	16	Chain	2015	3	3
A-37	6154.160	XX10	Blacklands Gully red conical XX10	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	46° 46' 3.78"	64° 51' 11.28"	200	lb	Concrete	9.1	16	Rope	2015	3	3
A-37	6154.170	XX18	Blacklands Gully red conical XX18	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.1	16	Rope	2015	3	3
A-37	6154.180	XX15	Blacklands Gully Green Plastic Can XX15	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	0° 0' 0"	0° 0' 0"	200	lb	Concrete	9.1	16	Rope	2015	3	3
A-37	6154.210	XX17	Blacklands Gully green can XX17	4906	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.80	0° 0' 0"	0° 0' 0"	400	lb	Concrete	9.1	16	Rope	2015	3	3
A-37	6154.230	XX16	Blacklands Gully red conical XX16	4406	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46° 46' 7.14"	64° 51' 24.3"	200	lb	Stone	9.1	16	Rope	2015	3	3
A-37	6154.410	XX26	Blacklands Gully Red Conical XX26	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.1	16	Chain	2015	3	3
A-37	6154.420	XX28	Blacklands Gully Red Conical XX28	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.1	16	Chain	2015	3	3
A-37	6154.430	XX30	Blacklands Gully Red Conical XX30	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.1	16	Chain	2015	3	3
A-37	6154.440	XX32	Blacklands Gully Red Conical XX32	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.1	16	Chain	2015	3	3
A-37	6154.455	XX27	Blacklands Gully Green Can XX27	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.1	16	Rope	2015	3	3
A-37	6154.460	XX29	Blacklands Gully Green Can XX29	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.1	16	Rope	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-37	6154.470	XX33	St. Louis & Polonie River green can XX33	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	6.1	16	Rope	2015	3	3
A-37	6154.480	XX33/5	St. Louis River green plastic buoy XX33/5	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 46' 13"	64° 52' 1"	200	lb	Concrete	6.1	16	Rope	2015	3	3
A-37	6154.600	PLAS1	St. Louis River Can Buoy PLAS1	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	46° 46' 50.46"	64° 53' 54.96"	100	lb	Concrete	4.6	16	Chain	2015	3	3
A-37	6157.100	XY1	Kouchibouguac Gully green can buoy XY1	4023	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	7.60	46° 50' .66"	64° 53' 58.74"	400	lb	Concrete	15.2	16	Chain	2015	3	3
A-37	6157.110	XY4	Kouchibouguac Gully Red Conical Buoy XY4	4023	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.70	46° 50' 4.08"	64° 54' 12.36"	200	lb	Concrete	9.1	16	Rope	2015	3	3
A-37	6157.120	XY5	Kouchibouguac Gully Green Can Buoy XY5	4023	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.60	46° 50' 2.58"	64° 54' 14.04"	200	lb	Concrete	9.1	16	Rope	2015	3	3
A-37	6157.130	XY6	Kouchibouguac Gully Red Conical Buoy XY6	4023	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46° 50' 4.74"	64° 54' 23.1"	200	lb	Concrete	9.1	16	Rope	2015	3	3
A-37	6157.140	XY7	Kouchibouguac Gully Green Can Buoy XY7	4023	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	46° 50' 3.78"	64° 54' 28.32"	200	lb	Concrete	9.1	16	Rope	2015	3	3
A-37	6157.160	XY4/2	Kouchibouguac Conical Buoy XY4/2	4023	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46° 50' 4.5"	64° 54' 17.4"	200	lb	Concrete	4.6	16	Rope	2015	3	3
A-37	6157.200	XY11	Kouchibouguac can buoy XY11	4023	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	46° 50' .66"	64° 53' 58.74"	200	lb	Concrete	4.6	16	Rope	2015	3	3
A-37	6157.310	PLAS1	Kouchibouguac can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2015	3	3
A-37	6157.320	PLAS1	Kouchibouguac can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	0	16	Rope	2015	3	3
A-37	6157.330	PLAS1	Kouchibouguac conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2015	3	3
A-37	6157.340	PLAS1	Kouchibouguac conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	46° 50' 36"	64° 55' 0"	200	lb	Concrete	4.6	16	Rope	2015	3	3
A-37	6157.410	PLAS1	Kouchibouguac conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	46° 50' 30"	64° 55' 17.16"	100	lb	Concrete		16	Rope	2015	3	1
A-37	6157.420	PLAS1	Kouchibouguac conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	46° 50' 33.12"	64° 55' 9.72"	100	lb	Concrete		16	Rope	2015	3	1
A-37	6157.430	PLAS1	Kouchibouguac can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	46° 50' 25.92"	64° 55' 20.58"	100	lb	Concrete		16	Rope	2015	3	1
A-37	6157.440	PLAS1	Kouchibouguac can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	46° 50' 29.76"	64° 55' 13.5"	100	lb	Concrete		16	Rope	2015	3	1
A-37	6157.500	PLAS1	Kouchibouguac can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	5.4	16	Rope	2015	3	3
A-37	6157.600	PLAS3	Kouchibouguac conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	0	16	Rope	2015	3	3
A-37	6157.610	PLAS3	Kouchibouguac conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-37	6157.620	PLAS3	Kouchibouguac conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2015	3	3
A-37	6157.700	PLAS4	Kouchibouguac Gully can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	0	16	Rope	2015	3	3
A-37	6157.710	PLAS4	Kouchibouguac Gully can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2015	3	3
A-37	6157.720	PLAS4	Kouchibouguac Gully can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2015	3	3
A-37	6157.730	PLAS4	Kouchibouguac Gully can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2015	3	3
A-37	6157.800	PLAS4	Kouchibouguac Gully conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	0	16	Rope	2015	3	3
A-37	6157.810	PLAS4	Kouchibouguac Gully conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2015	3	3
A-37	6157.820	PLAS4	Kouchibouguac Gully conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2015	3	3
A-37	6157.830	PLAS4	Kouchibouguac Gully conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2015	3	3

Contract Area name:	Miramichi Bay and River
Contract Area no.:	A-38
Province(s):	New Brunswick
Contract Area Description:	Includes the Miramichi Bay and River
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown
Commissioning date:	May 15th
Decommissioning date:	December 15th
Total no. of buoys:	113 (90+ 23 Uncharted)
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	2727
Maximum buoy weight (kg) :	261
Maximum water depth (m) :	13
Operational Season:	May 15th to December 15th
Overview of work activities:	51 of the buoys are 'Seasonal (in place year round)', 62 are 'seasonal'. 49 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommisioning work includes removal of lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. The work also includes planned cyclical mooring replacement every 1 or 3 years; refer to detailed buoy data for schedule of next replacement. This work is for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
Comment:	Local knowledge is required to place buoys in this contract, due to shifting channels . See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule The new contract for this area will start on July 2nd, 2015.

Contract Area name:	Miramichi Bay and River
Contract Area no.:	A-38

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 4 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>	
Name	No. of buoys	Last option expiry year		
Miramichi (Newcastle to Brid	18	2015	<u>2015 - 2016:</u>	18 buoys
Total, 2015:	18			
Baie Du Vin (partial)	8	2016	<u>2016 to 2019 (or 2020 if option year exercised):</u>	113 buoys
Miramichi (NW & SW)	35	2016		
Miramichi Bay and River	52 **	2018		
Additional sub-total, 2016:	95			

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-38	1173.810	M16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M645	Off Position / Hors Position	12/04/2012	1
A-38	1170.000	M2	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M743	Off Position / Hors Position	24/04/2009	1
A-38	1172.000	M5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	1172.000	M5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1306	Extinguished / Éteinte	24/05/2011	1
A-38	1172.000	M5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M969	Off Position / Hors Position	02/05/2011	1
A-38	1172.000	M5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M973	Off Position / Hors Position	28/04/2010	1
A-38	1172.000	M5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M625	Off Position / Hors Position	07/04/2010	1
A-38	1172.000	M5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1434	Partially Submerged / Partiellement Submergée	17/06/2009	1
A-38	1173.000	M10	0.7m Ice conique	0.7m Ice Conical	M1329	Not Reliable / pas fiable	25/05/2011	1
A-38	1173.000	M10	0.7m Ice conique	0.7m Ice Conical	M1308	Extinguished / Éteinte	24/05/2011	1
A-38	1173.300	M13	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M646	Off Position / Hors Position	12/04/2012	1
A-38	1173.300	M13	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1310	Extinguished / Éteinte	24/05/2011	1
A-38	1173.300	M13	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1253	Partially Submerged / Partiellement Submergée	20/05/2011	1
A-38	1173.300	M13	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M974	Off Position / Hors Position	28/04/2010	1
A-38	1173.300	M13	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1078	Off Position / Hors Position	12/05/2009	1
A-38	1173.300	M13	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M740	Off Position / Hors Position	24/04/2009	1
A-38	1173.500	M14	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1331	Not Reliable / pas fiable	25/05/2011	1
A-38	1173.500	M14	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1311	Extinguished / Éteinte	24/05/2011	1
A-38	1173.500	M14	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1051	Off Position / Hors Position	11/05/2009	1
A-38	1173.500	M14	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M742	Off Position / Hors Position	24/04/2009	1
A-38	1173.800	M15	0.7m Ice plate	0.7m Ice Can	M974	Off Position / Hors Position	04/05/2012	1
A-38	1173.800	M15	0.7m Ice plate	0.7m Ice Can	M962	Off Position / Hors Position	03/05/2012	1
A-38	1173.800	M15	0.7m Ice plate	0.7m Ice Can	M940	Off Position / Hors Position	02/05/2012	1
A-38	1173.800	M15	0.7m Ice plate	0.7m Ice Can	M818	Off Position / Hors Position	24/04/2012	1
A-38	1179.000	M17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M644	Off Position / Hors Position	12/04/2012	1
A-38	1179.000	M17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1036	Off Position / Hors Position	05/05/2011	1
A-38	1179.000	M17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3045	Off Position / Hors Position	08/11/2010	1

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A-38	1179.000	M17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M628	Off Position / Hors Position	07/04/2010	1
A-38	1179.000	M17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1052	Off Position / Hors Position	11/05/2009	1
A-38	1179.000	M17	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M802	Off Position / Hors Position	28/04/2009	1
A-38	1180.500	M19	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2653	Off Position / Hors Position	12/11/2013	1
A-38	1180.500	M19	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2644	Partially Submerged / Partiellement Submergée	08/11/2013	1
A-38	1180.500	M19	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M643	Off Position / Hors Position	12/04/2012	1
A-38	1180.500	M19	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M968	Off Position / Hors Position	02/05/2011	1
A-38	1180.500	M19	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1179	Extinguished / Éteinte	12/05/2010	1
A-38	1180.500	M19	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1083	Off Position and extinguished / Hors Position et Éteinte	06/05/2010	1
A-38	1180.500	M19	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M629	Off Position / Hors Position	07/04/2010	1
A-38	1180.500	M19	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M803	Off Position / Hors Position	28/04/2009	1
A-38	1181.000	M21	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M975	Off Position / Hors Position	04/05/2012	1
A-38	1181.000	M21	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M962	Off Position / Hors Position	03/05/2012	1
A-38	1181.000	M21	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M940	Off Position / Hors Position	02/05/2012	1
A-38	1181.000	M21	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M818	Off Position / Hors Position	24/04/2012	1
A-38	1181.000	M21	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2800	Off Position / Hors Position	27/09/2011	1
A-38	1181.000	M21	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2800	Off Position / Hors Position	27/09/2011	1
A-38	1182.000	M22	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M648	Partially Submerged / Partiellement Submergée	12/04/2012	1
A-38	1182.000	M22	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M967	Off Position / Hors Position	02/05/2011	1
A-38	1182.000	M22	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M630	Off Position / Hors Position	07/04/2010	1
A-38	1182.000	M22	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M772	Off Position / Hors Position	27/04/2009	1
A-38	1184.500	M24	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M642	Off Position / Hors Position	12/04/2012	1
A-38	1184.500	M24	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1378	Off Position / Hors Position	03/06/2010	1
A-38	1184.500	M24	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1342	Off Position / Hors Position	31/05/2010	1

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A-38	1184.500	M24	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M631	Off Position / Hors Position	07/04/2010	1
A-38	1184.500	M24	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M773	Off Position / Hors Position	27/04/2009	1
A-38	1186.000	M26	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M641	Off Position / Hors Position	12/04/2012	1
A-38	1186.000	M26	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M966	Off Position / Hors Position	02/05/2011	1
A-38	1186.000	M26	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M705	Off Position / Hors Position	12/04/2010	1
A-38	1186.000	M26	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M633	Off Position / Hors Position	07/04/2010	1
A-38	1186.000	M26	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M777	Off Position / Hors Position	27/04/2009	1
A-38	1188.000	M28	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2544	Extinguished / Éteinte	23/10/2013	1
A-38	1188.000	M28	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M976	Off Position / Hors Position	04/05/2012	1
A-38	1188.000	M28	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M962	Off Position / Hors Position	03/05/2012	1
A-38	1188.000	M28	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M940	Off Position / Hors Position	02/05/2012	1
A-38	1188.000	M28	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	1188.000	M28	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M3046	Extinguished / Éteinte	08/11/2010	1
A-38	1189.200	M30	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M977	Off Position / Hors Position	04/05/2012	1
A-38	1189.200	M30	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M962	Off Position / Hors Position	03/05/2012	1
A-38	1189.200	M30	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M940	Off Position / Hors Position	02/05/2012	1
A-38	1189.200	M30	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	1195.000	M31	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M978	Off Position / Hors Position	04/05/2012	1
A-38	1195.000	M31	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M962	Off Position / Hors Position	03/05/2012	1
A-38	1195.000	M31	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M940	Off Position / Hors Position	02/05/2012	1
A-38	1195.000	M31	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	1198.300	M35	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M971	Extinguished / Éteinte	04/05/2012	1
A-38	1202.000	M39	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1408	Extinguished / Éteinte	31/05/2011	1

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A-38	1203.000	M40	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M816	Off Position / Hors Position	20/04/2010	1
A-38	1210.000	M53	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M674	Partially Submerged / Partiellement Submergée	13/04/2012	1
A-38	1212.000	M56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M979	Off Position / Hors Position	04/05/2012	1
A-38	1212.000	M56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M962	Off Position / Hors Position	03/05/2012	1
A-38	1212.000	M56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M940	Off Position / Hors Position	02/05/2012	1
A-38	1212.000	M56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	1212.000	M56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M977	Submerged / Submergée	28/04/2010	1
A-38	1212.000	M56	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M632	Off Position / Hors Position	07/04/2010	1
A-38	1213.000	M57	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2655	Off Position / Hors Position	13/11/2013	1
A-38	1213.000	M57	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1409	Extinguished / Éteinte	31/05/2011	1
A-38	1213.000	M57	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1929	Extinguished / Éteinte	04/08/2009	1
A-38	1214.000	M59	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2511	Extinguished / Éteinte	31/08/2011	1
A-38	1215.000	M61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M980	Off Position / Hors Position	04/05/2012	1
A-38	1215.000	M61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M962	Off Position / Hors Position	03/05/2012	1
A-38	1215.000	M61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M940	Off Position / Hors Position	02/05/2012	1
A-38	1215.000	M61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	1215.000	M61	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2825	Extinguished / Éteinte	29/09/2011	1
A-38	1215.200	M62	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M960	Extinguished / Éteinte	03/05/2012	1
A-38	1215.200	M62	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2512	Extinguished / Éteinte	31/08/2011	1
A-38	1217.000	M68	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1683	Damaged / Endommagée	19/07/2012	1
A-38	1220.000	M69	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M981	Off Position / Hors Position	04/05/2012	1
A-38	1220.000	M69	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M962	Off Position / Hors Position	03/05/2012	1
A-38	1220.000	M69	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M940	Off Position / Hors Position	02/05/2012	1
A-38	1220.000	M69	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M818	Off Position / Hors Position	24/04/2012	1

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A-38	1223.000	M73	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M940	Off Position / Hors Position	02/05/2012	1
A-38	1223.000	M73	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	1223.000	M73	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M675	Partially Submerged / Partiellement Submergée	13/04/2012	1
A-38	1224.000	M75	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M982	Off Position / Hors Position	04/05/2012	1
A-38	1224.000	M75	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M962	Off Position / Hors Position	03/05/2012	1
A-38	1224.000	M75	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M961	Extinguished / Éteinte	03/05/2012	1
A-38	1224.000	M75	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M940	Off Position / Hors Position	02/05/2012	1
A-38	1224.000	M75	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	6172.700	MD9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1684	Off Position / Hors Position	19/07/2012	3
A-38	1172.500	M6	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1328	Not Reliable / pas fiable	25/05/2011	1
A-38	1172.500	M6	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1307	Extinguished / Éteinte	24/05/2011	1
A-38	1172.500	M6	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M741	Off Position / Hors Position	24/04/2009	1
A-38	1173.010	M12	0.7m Ice conique	0.7m Ice Conical	M962	Off Position / Hors Position	03/05/2012	1
A-38	1173.010	M12	0.7m Ice conique	0.7m Ice Conical	M940	Off Position / Hors Position	02/05/2012	1
A-38	1173.010	M12	0.7m Ice conique	0.7m Ice Conical	M818	Off Position / Hors Position	24/04/2012	1
A-38	1173.010	M12	0.7m Ice conique	0.7m Ice Conical	M1330	Not Reliable / pas fiable	25/05/2011	1
A-38	1173.010	M12	0.7m Ice conique	0.7m Ice Conical	M1309	Extinguished / Éteinte	24/05/2011	1
A-38	1172.530	M9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2543	Extinguished / Éteinte	23/10/2013	1
A-38	1172.530	M9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	1172.530	M9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1625	Off Position / Hors Position	03/07/2009	1
A-38	6173.200	M12/4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M962	Off Position / Hors Position	03/05/2012	1
A-38	6173.200	M12/4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M940	Off Position / Hors Position	02/05/2012	1
A-38	6173.200	M12/4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	6173.200	M12/4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M970	Off Position / Hors Position	02/05/2011	1
A-38	6173.100	M12/2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M818	Off Position / Hors Position	24/04/2012	1
A-38	6173.300	M13/1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M673	Off Position / Hors Position	13/04/2012	1

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A-38	6173.300	M13/1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2801	Off Position / Hors Position	27/09/2011	1
A-38	6173.110	M12/22	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M647	Off Position / Hors Position	12/04/2012	1
A-38	6172.500	M7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M818	Off Position / Hors Position	24/04/2012	1

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-38	6223.200	MC10	NW Miramichi spar buoy MC10	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	46º 59' 12.4"	65º 33' 36.5"	400	lb	Concrete	14	14	Chain	2015	3	3
A-38	6223.300	MC12	NW Miramichi MC12	4912	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	7.00	46º 59' 7.3"	65º 33' 41.8"	400	lb	Concrete	14	16	Chain	2015	3	3
A-38	6223.400	MC17	NW Miramichi spar buoy MC17	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	46º 59' 1"	65º 34' 6.1"	400	lb	Concrete	12	14	Chain	2015	3	3
A-38	6223.500	MC16	NW Miramichi spar buoy MC16	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	46º 59' 3.3"	65º 34' 4.8"	400	lb	Concrete	10	14	Chain	2015	3	3
A-38	6223.600	MC15	NW Miramichi spar buoy MC15	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46º 59' 3.3"	65º 33' 49"	800	lb	Concrete	10	14	Chain	2015	3	3
A-38	6223.700	MC19	NW Miramichi spar buoy MC19	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46º 59' .4"	65º 34' 18.2"	400	lb	Concrete	10	14	Chain	2015	3	3
A-38	6223.800	MC20	NW Miramichi spar buoy MC20	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	46º 59' 2.2"	65º 34' 21.9"	400	lb	Concrete	10	14	Chain	2015	3	3
A-38	6223.900	MC21	NW Miramichi spar buoy MC21	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46º 58' 58.6"	65º 34' 27"	200	lb	Concrete	10	14	Chain	2015	3	3
A-38	6224.050	MC24	NW Miramichi spar buoy MC24	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	46º 58' 49.6"	65º 34' 47.7"	800	lb	Concrete	10	14	Chain	2015	3	3
A-38	6224.100	MC25	NW Miramichi spar buoy MC25	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	46º 58' 47.9"	65º 34' 45.9"	400	lb	Concrete	11	14	Chain	2015	3	3
A-38	6224.150	MC26	NW Miramichi spar buoy MC26	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	46º 58' 40.5"	65º 34' 54.6"	400	lb	Concrete	11	14	Chain	2015	3	3
A-38	6224.300	MC23	NW Miramichi spar buoy MC23	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46º 58' 54"	65º 34' 37.1"	200	lb	Concrete	11	16	Rope	2015	3	3
A-38	6224.400	MC27	NW Miramichi spar buoy MC27	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	46º 58' 41.1"	65º 34' 47.1"	500	lb	Concrete	11	14	Chain	2015	3	3
A-38	6224.500	MC28	NW Miramichi spar buoy MC28	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	46º 58' 32.5"	65º 34' 57.9"	400	lb	Concrete	10	14	Chain	2015	3	3
A-38	6224.600	MC29	NW Miramichi spar buoy MC29	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46º 58' 21.4"	65º 34' 59.6"	400	lb	Concrete	10	14	Chain	2015	3	3
A-38	6224.700	MC31	NW Miramichi spar buoy MC31	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46º 58' 12.5"	65º 35' .7"	400	lb	Concrete	10	14	Chain	2015	3	3
A-38	6224.800	MC33	NW Miramichi spar buoy MC33	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46º 58' 5.2"	65º 35' 13.2"	400	lb	Concrete	10	14	Chain	2015	3	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-38	6224.900	MC35	NW Miramichi spar buoy MC35	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46° 57' 57.3"	65° 35' 31"	400	lb	Concrete	10	14	Chain	2015	3	3
Buoy included in contract from July 2016																						
A-38	1170.000	M2	Miramichi Bar light buoy M2	4911	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Red	Seasonal (in place year round)	8.00	47° 5' 51.9"	64° 56' 30"	4000	lb	Concrete	27	20	Chain	2016	3	1
A-38	1171.000	M4	Miramichi Outer Bar light buoy M4	4911	Night	0.7m Ice Conical	1923	Plastic	Red	Seasonal (in place year round)	9.00	47° 5' 55"	64° 56' 54"	4000	lb	Concrete	21.5	20	Chain	2016	3	1
A-38	1172.000	M5	The Lump light buoy M5	4911	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	6.40	47° 6' 22.23"	64° 57' 52.62"	4000	lb	Stone	18	20	Chain	2016	3	1
A-38	1172.200	M5/5	The Lump light buoy M5/5	4911	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	6.80	47° 6' 25.4"	64° 58' 6.17"	4000	lb	Concrete	18.2	20	Chain	2016	3	1
A-38	1172.500	M6	The Lump light buoy M6	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	6.40	47° 6' 29.1"	64° 58' 11.76"	4000	lb	Stone	18	20	Chain	2016	3	1
A-38	1172.530	M9	The Lump Light Buoy M9	4911	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	7.30	47° 6' 34.38"	64° 58' 26.85"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1173.000	M10	The Swashway light buoy M10	4911	Night	0.7m Ice Conical	1923	Plastic	Red	Seasonal (in place year round)	7.20	47° 6' 41.6249"	64° 58' 27.6967"	4000	lb	Stone	18	20	Chain	2016	3	1
A-38	1173.010	M12	The Swashway light buoy M12	4911	Night	0.7m Ice Conical	1923	Plastic	Red	Seasonal (in place year round)	7.00	47° 6' 52.81"	64° 58' 36.13"	4000	lb	Stone	18	20	Chain	2016	3	1
A-38	1173.300	M13	Ship Channel light buoy M13	4911	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	9.00	47° 7' 45.7327"	64° 59' 24.0896"	4000	lb	Stone	18	20	Chain	2016	3	1
A-38	1173.500	M14	Miramichi Bar light buoy M14	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	7.00	47° 7' 51.0212"	64° 59' 21.771"	4000	lb	Stone	18	20	Chain	2016	3	1

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-38	1173.800	M15	Split Shoal light buoy M15	4911	Night	0.7m Ice Can	1923	Plastic	Green	Seasonal (in place year round)	9.00	47º 8' 28.67"	65º 0' 17.16"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1173.810	M16	Split Shoal light buoy M16	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	6.10	47º 8' 28"	65º 0' 7.82"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1174.000	ME4	Portage Channel light buoy ME4	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.30	47º 9' 17"	64º 58' 14"	1250	lb	Serrated	18	22	Chain	2016	3	3
A-38	1175.000	ME8	Portage Channel light buoy ME8	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.60	47º 8' 35.7"	65º 0' 4.2"	1250	lb	Serrated	21	22	Chain	2016	3	3
A-38	1179.000	M17	Miramichi Bar light buoy M17	4911	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	13.00	47º 8' 40.9"	65º 1' 2"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1180.500	M19	Miramichi Bar light buoy M19	4911	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	13.00	47º 8' 37.5"	65º 2' 51"	4000	lb	Stone	18	20	Chain	2016	3	1
A-38	1181.000	M21	Horse Shoe Bar light buoy M21	4911	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Green	Seasonal (in place year round)	9.00	47º 8' 32"	65º 3' 19"	4000	lb	Concrete	21.5	20	Chain	2016	3	1
A-38	1181.500	M21/3	Horse Shoe Bar light buoy M21/3	4911	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	7.50	47º 8' 4.466"	65º 3' 58.002"	2200	lb	Serrated	13	26	Chain	2016	3	1
A-38	1182.000	M22	Horse Shoe Bar light buoy M22	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	9.00	47º 8' 29.1"	65º 3' 28.9"	4000	lb	Stone	18	20	Chain	2016	3	1
A-38	1184.500	M24	Horse Shoe Bar light buoy M24	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	9.00	47º 7' 39"	65º 4' 42.5"	4000	lb	Concrete	21.5	20	Chain	2016	3	1
A-38	1186.000	M26	Horse Shoe Bar light buoy M26	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	7.00	47º 7' 19.8"	65º 5' 37"	4000	lb	Concrete	18	20	Chain	2016	3	1

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-38	1188.000	M28	Grand Dune Flats light buoy M28	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	11.00	47º 7' 18.8"	65º 5' 52.8"	4000	lb	Concrete	16.5	20	Chain	2016	3	1
A-38	1189.200	M30	Grand Dune Channel Middle light buoy M30	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	9.00	47º 7' 44.98"	65º 8' 54.12"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1195.000	M31	Grand Dune range turning light buoy M31	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	9.00	47º 8' 8.9"	65º 11' 53"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1195.500	M33	Grand Dune range turning light buoy M33	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	9.00	47º 8' 3.7"	65º 12' 19.2"	6000	lb	Stone	18	20	Chain	2016	3	1
A-38	1198.000	M34	Grand Dune Flats North light buoy M34	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	10.00	47º 7' 47"	65º 12' 48"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1198.300	M35	Grand Dune Flats South light buoy M35	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	12.00	47º 7' 17.4"	65º 13' 29"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1198.600	M36	Robichaud Spit light buoy M36	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	8.00	47º 6' 52.9"	65º 14' 12.9"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1199.000	M37	The Willows light buoy M37	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	9.00	47º 6' 31"	65º 16' 4.8"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1202.000	M39	Oak Channel light buoy M39	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	11.10	47º 5' 45.6"	65º 17' 9.3"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1203.000	M40	Oak Channel South light buoy M40	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	7.00	47º 5' 3.1"	65º 17' 45.5"	4000	lb	Stone	18	22	Chain	2016	3	1

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-38	1203.100	M44	Oak Channel light buoy M44	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	7.00	47º 4' 56.83"	65º 18' .18"			Helical			Rope	2016	3	1
A-38	1206.000	M46	Sheldrake Channel East light buoy M46	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	11.40	47º 4' 44.8"	65º 18' 51"	4000	lb	Stone	18	20	Chain	2016	3	1
A-38	1208.910	M47	Sheldrake Channel light buoy M47	4912	Night	0.7m Ice Can	1923	Plastic	Green	Seasonal (in place year round)	9.90	47º 4' 56.11"	65º 21' 19.96"	4000	lb	Concrete	21.5	20	Chain	2016	3	1
A-38	1209.000	M51	Sheldrake Channel West light buoy M51	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	10.00	47º 4' 57.3"	65º 21' 47.856"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1210.000	M53	Gordon Point light buoy M53	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	10.80	47º 4' 41.4"	65º 23' 27.6"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1211.000	M55	Leggett Shoal light buoy M55	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	9.00	47º 4' 28.1"	65º 24' 13.2"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1212.000	M56	Leggett Shoal West light buoy M56	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	9.90	47º 3' 56.2"	65º 25' 4.5"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1213.000	M57	Millbank light buoy M57	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	11.00	47º 3' 27.4"	65º 27' 3"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1214.000	M59	Millbank Channel West light buoy M59	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	12.10	47º 3' 16.9"	65º 27' 27.4"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1215.000	M61	Middle Island light buoy M61	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	9.00	47º 2' 59.9"	65º 27' 48"	4000	lb	Concrete	18	20	Chain	2016	3	1

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-38	1215.200	M62	Chatham Wharf light buoy M62	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	9.00	47º 2' 13.3"	65º 28' 7"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1216.000	M64	Wright Bank light buoy M64	4912	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	13.00	47º 1' 11.5"	65º 29' 31.5"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1216.500	M66	Wright Bank light buoy M66	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	9.00	47º 0' 58"	65º 30' 56.5"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1217.000	M68	Wright Bank light buoy M68	4912	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	12.00	47º 0' 53.6"	65º 31' 46.7"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1220.000	M69	Wright Bank West light buoy M69	4912	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	10.00	47º 0' 53.4"	65º 32' 33.8"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1222.000	M71	Newcastle North light buoy M71	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	12.00	47º 0' 29.8"	65º 33' 33.3"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1223.000	M73	Newcastle North light buoy M73	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	12.00	47º 0' 16.1"	65º 33' 39.5"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	1224.000	M75	Newcastle Wharf light buoy M75	4912	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	9.00	47º 0' 3.2"	65º 33' 28.7"	4000	lb	Concrete	18	20	Chain	2016	3	1
A-38	6172.050	MD	SW MIRAMICHI MD	4912	Unlit	GDI 420		Plastic	Red-white	Seasonal	2.10	0º 0' 0"	0º 0' 0"	400	lb	Concrete	4.2	22	Chain	2015	3	2
A-38	6172.100	MD2	SW Miramichi spar buoy MD2	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	46º 59' 8"	65º 33' 27"	400	lb	Concrete	18	16	Chain	2015	3	3
A-38	6172.300	MD3	SW Miramichi spar buoy MD3	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.40	46º 59' 0"	65º 33' 22"	400	lb	Concrete	12.8	16	Chain	2015	3	3
A-38	6172.400	MD4	SW Miramichi spar buoy MD4	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.80	46º 59' 0"	65º 33' 27.5"	400	lb	Concrete	17.6	16	Chain	2015	3	3

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														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-38	6172.500	M7	Miramichi green spar buoy M7	4911	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)		47º 6' 27.09"	64º 58' 11.64"	2500	lb	Serrated	18	20	Chain	2015	3	1
A-38	6172.510	MD6	SW Miramichi spar buoy MD6	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.80	46º 58' 53"	65º 33' 30"	400	lb	Concrete	11.6	16	Chain	2015	3	3
A-38	6172.600	MD7	SW Miramichi spar buoy MD7	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.10	46º 58' 50.5"	65º 33' 24"	400	lb	Concrete	12.2	16	Chain	2015	3	3
A-38	6172.700	MD9	SW Miramichi spar buoy MD9	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	46º 58' 45"	65º 33' 28"	400	lb	Concrete	14.6	16	Chain	2015	3	3
A-38	6172.800	MD10	SW Miramichi spar buoy MD10	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.60	46º 58' 45"	65º 33' 29"	400	lb	Concrete	15.2	16	Chain	2015	3	3
A-38	6172.900	MD11	SW Miramichi spar buoy MD11	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.90	46º 58' 38"	65º 33' 29"	400	lb	Concrete	15.8	16	Chain	2015	3	3
A-38	6173.100	M12/2	Miramichi red spar buoy M12/2	4911	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	7.00	47º 7' 5.18"	64º 58' 42.33"	2500	lb	Serrated	18.2	20	Chain	2015	3	1
A-38	6173.110	M12/22	Miramichi red spar buoy M12/22	4911	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)		47º 7' 37.5362"	64º 59' 7.3127"	2500	lb	Serrated	18	20	Chain	2015	3	1
A-38	6173.200	M12/4	Miramichi red spar buoy M12/4	4911	Unlit	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal (in place year round)	6.30	47º 7' 43.56"	64º 59' 14.51"	2500	lb	Serrated	18.2	20	Chain	2015	3	1
A-38	6173.300	M13/1	Miramichi Green Spar buoy M13/1	4911	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	7.30	47º 8' 22.93"	65º 0' 9.97"	2250	lb	Serrated	18.3	20	Chain	2015	3	1
A-38	6174.100	MD12	SW Miramichi spar buoy MD12	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.20	46º 58' 38"	65º 33' 33"	400	lb	Concrete	10.4	16	Chain	2015	3	3
A-38	6174.200	MD14	SW Miramichi spar buoy MD14	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.80	46º 58' 28"	65º 33' 39"	400	lb	Concrete	11.6	16	Chain	2015	3	3
A-38	6174.300	MD20	SW Miramichi spar buoy MD20	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	0.00	46º 57' 36.2"	65º 35' 7.7"	400	lb	Concrete	0	16	Chain	2015	3	3
A-38	6174.400	MD21	SW Miramichi spar buoy MD21	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.40	46º 57' 27"	65º 35' 0"	400	lb	Concrete	6.8	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-38	6174.500	MD25	SW Miramichi MD25	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.40	0° 0' 0"	0° 0' 0"	400	lb	Concrete	4.8	16	Chain	2015	3	3
A-38	6174.600	MD27	SW Miramichi MD27	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.10	0° 0' 0"	0° 0' 0"	400	lb	Concrete	4.2	16	Chain	2015	3	3
A-38	6174.700	MD29	SW Miramichi MD29	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.70	0° 0' 0"	0° 0' 0"	400	lb	Concrete	5.4	16	Chain	2015	3	3
A-38	6174.800	MD31	SW Miramichi MD31	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	0° 0' 0"	0° 0' 0"	400	lb	Concrete	6	16	Chain	2015	3	3
A-38	6174.900	MD32	SW Miramichi MD32	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	400	lb	Concrete	4.8	16	Chain	2015	3	3
A-38	6174.910	MD34	SW Miramichi MD34	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	400	lb	Concrete	4.8	16	Chain	2015	3	3
A-38	6174.920	MD36	SW Miramichi MD36	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	0° 0' 0"	0° 0' 0"	400	lb	Concrete	6	16	Chain	2015	3	3
A-38	6174.930	MD38	SW Miramichi MD38	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	0° 0' 0"	0° 0' 0"	400	lb	Concrete	4.8	16	Chain	2015	3	3
A-38	6175.100	MM2	Miramichi Spar MM2	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	47° 10' 19.4"	65° 7' 25.9"	400	lb	Concrete	14	16	Chain	2015	3	3
A-38	6175.200	MM3	Miramichi Bay Green Spar MM3	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	47° 10' 18.3"	65° 7' 30.3"	400	lb	Concrete	14	16	Chain	2015	3	3
A-38	6175.300	MM6	Miramichi Bay Red Spar MM6	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	47° 10' 43"	65° 7' 38.2"	400	lb	Concrete	14	16	Chain	2015	3	3
A-38	6175.400	MM7	Miramichi Bay Green Spar MM7	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.00	47° 10' 42.3"	65° 7' 43.5"	400	lb	Concrete	14	16	Chain	2015	3	3
A-38	6175.500	MM10	Miramichi Bay Red Spar MM10	4912	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	47° 11' 12"	65° 7' 51.8"	400	lb	Concrete	14	16	Chain	2015	3	3
A-38	6175.600	MM11	Miramich Bay Green Spar MM11	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	47° 11' 9.6"	65° 7' 58.8"	400	lb	Concrete	14	16	Chain	2015	3	3
A-38	6225.000	MC36	NW Miramichi MC36	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6225.100	MC38	NW Miramichi MC38	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6225.200	MC39	Northwest Miramichi buoy MC39	4911	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-38	6225.300	MC40	NW Miramichi MC40	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6225.400	MC42	NW Miramichi MC42	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6225.500	MC43	NW Miramichi MC43	4911	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6225.600	MC44	NW Miramichi MC44	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6225.700	MC46	NW Miramichi MC46	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6225.800	MC48	NW Miramichi MC48	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6225.900	MC49	NW Miramichi MC49	4911	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6226.000	MC50	NW Miramichi MC50	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6226.100	MC52	NW Miramichi MC52	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200		Concrete	8	16	Rope	2015	3	3
A-38	6226.200	MC54	NW Miramichi MC54	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3
A-38	6226.300	MC56	NW Miramichi MC56	4911	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete	8	16	Rope	2015	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Escuminac to Portage Gully		
Contract Area no.:	A-39, A - B		
Province(s):	New Brunswick		
Contract Area Description:	Includes the areas to the south (39A, Escuminac) and north (39B, Portage Gully) of the entrance to the Miramichi River.		
Material Transportation & Storage	<div>Material storage by: Contractor</div> <div>Off season lantern storage by: Contractor</div> <div>Material Transportation by: Canadian Coast Guard</div>		
Coast Guard Depot:	Charlottetown		
Commissioning date:	May 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	67 total: 39A: 44 ,39B: 23		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	681 (39A), 365 (39B)		
Maximum buoy weight (kg) :	260 (39A), 510 (39A).		
Maximum water depth (m) :	34		
Operational Season:	May 15th to December 15th		
Overview of work activities:	<div>All of the buoys are 'seasonal'. 17 are equipped with lanterns.</div> <div>Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly.</div> <div>Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment.</div> <div>Unscheduled work includes response to discrepancies during the operational season.</div>		
Comment:	<div>The north and south sections will be tendered as separate contracts.</div> <div>The area includes 129 stakes in 39A, at Black River and Baie du Vin.</div> <div>Local knowledge is required to place buoys and stakes in these contracts, due to shifting channels .</div> <div>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule</div> <div>The new contract for A-39A will start in 2014; for A-39B the new contract will start on July 2nd, 2015.</div>		

Contract Area name:	Escuminac to Portage Gully
Contract Area no.:	A-39, A - B

Transitioning from current contract structure and schedule to new contract structure and schedule

A-39, A (south):There is 1 current contract included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>			
Name	No. of buoys		Last option expiry year				
LL# 1161.5							
Currently managed by CCG	1		N/A				
Baie du Vin (partial)	43	**	2016				
Additional sub-total, 2016:	43			2016 to 2019 (or 2020 if option year exercised):	44 buoys		

** Baie Du Vin includes 129 stakes in addition to 43 buoys.

A-39, B (north):There is 1 current contract included in this contract area, which will expire in 2015.
Portage Gully 23 buoys
The new contract will start on July 2, 2015 and include 23 buoys for contract period.

Note that in the costing submission, prices should NOT be provided for the years 2014-2016.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-39A	1173.810	M16	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M627	Off Position / Hors Position	07/04/2010	1
A-39A	1161.500	X25	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M13	Off Position / Hors Position	03/01/2012	3
A-39A	1169.200	MN28	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1172	Extinguished / Éteinte	12/05/2010	3
A-39A	1190.000	MP22	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1173/10	Extinguished / Éteinte	12/05/2010	3
A-39A	1192.000	MS1	1.5m SB 98 plastique	1.5m SB 98 plastic	M776	Extinguished / Éteinte	20/04/2012	3
A-39A	1192.000	MS1	1.5m SB 98 plastique	1.5m SB 98 plastic	M2098	Extinguished / Éteinte	17/08/2009	3
A-39A	1193.000	MS9	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M777	Extinguished / Éteinte	20/04/2012	3
A-39A	1194.000	MQ2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2026	Extinguished / Éteinte	11/08/2009	3
A-39A	6190.400	MP8	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M1083	Off Position / Hors Position	10/05/2011	3
A-39A	6190.500	MP9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1425	Off Position / Hors Position	16/06/2009	3
A-39B	1234.400	MJ2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M881	Extinguished / Éteinte	07/05/2013	3
A-39B	1235.900	MH26	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M752	Extinguished / Éteinte	26/04/2013	3
A-39B	1233.000	MK	0.6m espar plate (Short)	0.6m spar Can (Short)	M2152	Extinguished / Éteinte	02/08/2011	3
A-39B	1233.000	MK	0.6m espar plate (Short)	0.6m spar Can (Short)	M876	Extinguished / Éteinte	26/04/2011	3
A-39B	1233.000	MK	0.6m espar plate (Short)	0.6m spar Can (Short)	M861	Extinguished / Éteinte	22/04/2010	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2016																						
A-39a	1161.500	X25	Sapin Ledge light buoy X25	4906	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	10.40	46° 58' 24"	64° 44' 38"	1500	lb	Serrated	36.5	22	Chain	2016	3	3
A-39a	1169.100	MN25	Huckleberry Gully light buoy MN25	4911	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.30	47° 4' 17"	64° 57' 7"	400	lb	Concrete	4.6	20	Chain	2016	3	2
A-39a	1169.200	MN28	Huckleberry Gully light buoy MN28	4911	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.30	47° 4' 6"	64° 57' 12"	400	lb	Concrete	4.6	20	Chain	2016	3	3
A-39a	1190.000	MP22	French River Point light buoy MP22	4911	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	47° 5' 20"	65° 1' 22.6"	400	lb	Concrete	13.7	20	Chain	2016	3	3
A-39a	1192.000	MS1	Bay du Vin Outer light buoy MS1	4912	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	3.40	47° 2' 57.7"	65° 9' 9"	600	lb	Concrete	13.7	20	Chain	2016	3	3
A-39a	1193.000	MS9	Bay du Vin Inner light buoy MS9	4912	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.80	47° 2' 52.5"	65° 8' 33"	400	lb	Concrete	13.7	20	Chain	2016	3	3
A-39a	1194.000	MQ2	Bay du Vin Wharf light buoy MQ2	4912	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	47° 3' 27"	65° 8' 19"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-39a	6169.150	MN4	Baie du Vin MN4	4911	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	1.80	47° 4' 56"	64° 56' 44"	800	lb	Concrete	9.1	16	Chain	2015	3	3
A-39a	6169.160	MN5	Baie du Vin MN5	4911	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	1.80	47° 4' 40"	64° 56' 54"	400	lb	Concrete	9.1	16	Chain	2015	3	3
A-39a	6169.170	MN8	Baie du Vin MN8	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	47° 4' 40"	64° 57' 6"	400	lb	Concrete	18	16	Chain	2015	3	3
A-39a	6169.180	MN10	Baie du Vin MN10	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.40	47° 4' 37"	64° 57' 3"	400	lb	Concrete	6.8	16	Chain	2015	3	3
A-39a	6169.190	MN12	Baie du Vin MN12	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	47° 4' 33"	64° 57' 6"	400	lb	Concrete	6	16	Chain	2015	3	3
A-39a	6169.210	MN14	Baie du Vin MN14	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	47° 4' 31"	64° 57' 9"	400	lb	Concrete	6	16	Chain	2015	3	3
A-39a	6169.220	MN16	Baie du Vin MN16	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	47° 4' 31"	64° 57' 11"	400	lb	Concrete	6	16	Chain	2015	3	3
A-39a	6169.230	MN18	Baie du Vin MN18	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	47° 4' 24"	64° 57' 12"	400	lb	Concrete	4.8	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-39a	6169.240	MN20	Baie du Vin MN20	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.50	47º 4' 18"	64º 57' 10"	400	lb	Concrete	3	16	Chain	2015	3	3
A-39a	6169.250	MN23	Baie du Vin MN23	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.70	47º 4' 19"	64º 57' 6"	400	lb	Concrete	5.4	16	Chain	2015	3	3
A-39a	6169.310	MN29	Baie du Vin MN29	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.30	47º 4' 3"	64º 57' 12"	400	lb	Concrete	6	16	Chain	2015	3	3
A-39a	6169.320	MN31	Baie du Vin MN31	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.30	47º 3' 58"	64º 57' 19"	400	lb	Concrete	6	16	Chain	2015	3	3
A-39a	6169.330	MN32	Baie du Vin MN32	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.30	47º 3' 57"	64º 57' 29"	400	lb	Concrete	6.6	16	Chain	2015	3	3
A-39a	6169.340	MN33	Baie du Vin MN33	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	47º 3' 48"	64º 57' 32"	400	lb	Concrete	7.4	16	Chain	2015	3	3
A-39a	6169.350	MN34	Baie du Vin MN34	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	47º 3' 46"	64º 57' 42"	400	lb	Concrete	7.4	16	Chain	2015	3	3
A-39a	6169.410	MN38	Baie du Vin MN38	4911	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	3.40	47º 3' 25"	64º 58' 19"	400	lb	Concrete	6.8	16	Chain	2015	3	3
A-39a	6175.700	MN2	Miramichi Bay Red Conical MN2	4911	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	4.60	47º 5' 12"	64º 56' 35"	800	lb	Concrete	9.2	16	Chain	2015	3	3
A-39a	6190.100	MP1	Baie du Vin MP1	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	47º 5' 6.2"	65º 7' 41.2"	400	lb	Concrete	7.4	16	Chain	2015	3	3
A-39a	6190.200	MP3	Baie du Vin MP3	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	47º 4' 45.9"	65º 7' 13.9"	400	lb	Concrete	7.4	16	Chain	2015	3	3
A-39a	6190.300	MP6	Baie du Vin MP6	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	47º 4' 59.6"	65º 6' 29.5"	400	lb	Concrete	11	16	Chain	2015	3	3
A-39a	6190.400	MP8	Baie du Vin MP8	4911	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.50	47º 5' 3.8"	65º 6' 12.1"	400	lb	Concrete	11	16	Chain	2015	3	3
A-39a	6190.500	MP9	Baie du Vin MP9	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	47º 5' 8.7"	65º 5' 42.9"	400	lb	Concrete	6	16	Chain	2015	3	3
A-39a	6190.600	MP11	Baie du Vin MP11	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.30	47º 5' 14.4"	65º 5' 8.2"	400	lb	Concrete	8.6	16	Chain	2015	3	3
A-39a	6190.700	MP14	Baie du Vin MP14	4911	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Red	Seasonal	3.60	47º 5' 9.8"	65º 3' 33.7"	400	lb	Concrete	7.2	16	Chain	2015	3	3
A-39a	6190.800	MP18	Baie du Vin MP18	4911	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	2.10	47º 5' 46"	65º 1' 49.4"	400	lb	Concrete	4.2	16	Chain	2015	3	3
A-39a	6190.900	MP19	Baie du Vin MP19	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.70	47º 5' 45.6"	65º 1' 28.1"	400	lb	Concrete	5.4	16	Chain	2015	3	3
A-39a	6190.950	MP21	Baie du Vin MP21	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.70	47º 5' 31.5"	65º 1' 23.2"	400	lb	Concrete	5.4	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-39a	6191.100	MT1	Baie du Vin MT1	4912	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.40	47º 2' 50"	65º 11' 37.6"	400	lb	Concrete	4.8	16	Chain	2015	3	3
A-39a	6191.110	PLAS3	Baie du Vin Buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Chain	2015	3	3
A-39a	6191.120	PLAS3	Baie du Vin Buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Chain	2015	3	3
A-39a	6191.130	PLAS3	Baie du Vin Buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Chain	2015	3	3
A-39a	6191.140	PLAS2	Baie du Vin Buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Chain	2015	3	3
A-39a	6191.180	PLAS2	Baie du Vin Buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Chain	2015	3	3
A-39a	6191.190	PLAS1	Baie du Vin Red ORT Buoy	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal				400	lb	Concrete		16	Chain	2015	3	3
A-39a	6191.200	PLAS1	Baie du Vin Green ORT Buoy	N/A	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal				400	lb	Concrete		16	Chain	2015	3	3
A-39a	6191.220	PLAS1	Baie du Vin ORT Spar Buoy	N/A	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal				400	lb	Concrete		16	Chain	2015	3	3
A-39a	6191.230	PLAS1	Baie du Vin ORT Spar Buoy	N/A	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal				400	lb	Concrete		16	Chain	2015	3	3
Buoys included in contract from July 2015																						
A-39b	1232.000	MH31	Hay Island light buoy MH31	4911	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	47º 14' 4.6"	65º 3' 26.4"	400	lb	Concrete	14	20	Chain	2016	3	3
A-39b	1233.000	MK	Gammon Point west cardinal buoy MK	4911	Night	0.6m Spar Can (Short)	510	Steel	Yellow-black-yellow	Seasonal	6.00	47º 11' 38.2"	65º 4' 20"	400	lb	Concrete	18	20	Chain	2016	3	3
A-39b	1234.000	MJ6	Lower Portage Island light buoy MJ6	4911	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	47º 13' 24"	65º 2' 46.7"	400	lb	Concrete	14	20	Chain	2016	3	3
A-39b	1234.400	MJ2	Portage Gully light buoyMJ2	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal		47º 13' 7.4"	65º 2' 31.9"	800		Concrete	6	20	Chain	2016	3	3
A-39b	1235.000	MJ	Portage Gully North Side Channel Entrance bifurcation light buoy MJ	4911	Night	1.5m SB 98 plastic	261	Plastic	Green-red-green	Seasonal	7.00	47º 12' 29.3"	65º 2' 20.9"	800	lb	Concrete	18	20	Chain	2016	3	3
A-39b	1235.900	MH26	Portage Gully light buoyMH26	4911	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal		47º 12' 46.9"	65º 3' 58.7"	400		Concrete	6	16	Chain	2016	3	3
A-39b	1236.000	MH11	Portage Gully light buoy MH11	4911	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	5.00	47º 11' 30.2"	65º 1' 56.5"	800	lb	Concrete	18	20	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-39b	1236.300	MH6	Portage Gully light buoyMH6	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal		47º 10' 38.6"	65º 1' 48.4"	800		Concrete	5.4	20	Chain	2016	3	3
A-39b	1236.500	MH3	Portage Gully light buoy MH3	4911	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	5.00	47º 10' 27.1"	65º 1' 22.7"	800	lb	Concrete	15	22	Chain	2016	3	3
A-39b	1236.600	MH2	Portage Gully light buoyMH2	4911	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal		47º 10' 38.8"	65º 0' 19.7"	800		Concrete	15	20	Chain	2016	3	3
A-39b	6232.150	MJ3	Portage Gully spar buoy MJ3	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal		47º 13' 5.3"	65º 2' 33.4"	400		Concrete	6	16	Chain	2015	3	3
A-39b	6232.200	MJ4	Portage Gully ORT spar buoy MJ4	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	47º 13' 12"	65º 2' 37.1"	600	lb	Concrete	7.4	16	Chain	2015	3	3
A-39b	6235.950	MH8	Portage Gully ORT spar buoy MH8	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	47º 11' 4"	65º 1' 48.5"	400	lb	Concrete	3.6	14	Chain	2015	3	3
A-39b	6236.100	MH12	Portage Gully Ottawa River spar buoy MH12	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	47º 11' 55.4"	65º 1' 57.7"	400	lb	Concrete	11	14	Chain	2015	3	3
A-39b	6236.200	MH15	Portage Gully ORT spar buoy MH15	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	47º 12' 19.6"	65º 2' 51.4"	400	lb	Concrete	6	14	Chain	2015	3	3
A-39b	6236.350	MH18	Portage Gully ORT spar buoy MH18	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.90	47º 12' 21"	65º 3' 7.1"	400	lb	Concrete	9.8	14	Chain	2015	3	3
A-39b	6236.400	MH20	Portage Gully ORT spar buoy MH20	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	47º 12' 18.1"	65º 3' 21.9"	400	lb	Concrete	7.2	14	Chain	2015	3	3
A-39b	6236.510	MH22	Portage Gully ORT spar buoy MH22	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	47º 12' 13.3"	65º 3' 37.6"	400	lb	Concrete	7.2	14	Chain	2015	3	3
A-39b	6236.550	MH4	Portage Gully conical buoy MH4	4911	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal		47º 10' 30.4"	65º 1' 20.8"	400		Concrete	12	20	Chain	2015	3	3
A-39b	6236.650	MH24	Portage Gully ORT spar buoy MH24	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	47º 12' 4.8"	65º 3' 56.7"	400	lb	Concrete	8	14	Chain	2015	3	3
A-39b	6236.800	MH28	Portage Gully ORT spar buoy MH28	4911	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	47º 13' 30.5"	65º 3' 39.7"	400	lb	Concrete	7.4	14	Chain	2015	3	3
A-39b	6236.900	MHD	Portage Gully ruins spar MHD	4911	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Seasonal	1.00	47º 14' 11.88"	65º 1' 25.56"	400	lb	Concrete	2	16	Chain	2015	3	3
A-39b	6236.910	MHF	Portage Gully ruins spar MHF	4911	Unlit	GDI 2M		Plastic	Yellow	Seasonal		47º 14' 23.52"	65º 2' 31.7"	400		Concrete	2	16	Chain	2015	3	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Tabusintac to Pokemouche
Contract Area no.:	A-40
Province(s):	New Brunswick
Contract Area Description:	Includes the area from Tabusintac to Pokemouche
Coast Guard Depot:	Charlottetown
Commissioning date:	May 15th, see comment
Decommissioning date:	December 15th
Total no. of buoys:	83 (62 + 21 Uncharted)
Max. buoy size(m) diameter :	2
Maximum anchor size (weight (kg)):	1136
Maximum buoy weight (kg) :	110
Maximum water depth (m) :	9
Operational Season:	April 30th to December 15th, see Comment
Overview of work activities:	All of the buoys are 'seasonal'. 39 are equipped with lanterns Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
Comment	Commissioning date for 12 buoys at Tabusintac is April 30th The area includes 259 stakes. <i>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule</i>

Contract Area name:	Tabusintac to Pokemouche
Contract Area no.:	A-40

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 5 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>			
Name	No. of buoys		Last option expiry year					
Tracadie North Bay	0	**	2015					
Tracadie North Gully	17	**	2015					
Currently managed by CCG, LL # 1240.0	1							
Total, 2015:	18				2015 - 2016:	18 buoys**		
Pokemouche	15							
Tabusintac	30	**	2016					
Tracadie South Gully	20		2016					
Additional sub-total, 2016:	65				2016 to 2019 (or 2020 if option year exercised):	83 buoys**		

**** Contract areas include the following numbers of stakes in addition to the number of buoys indicated**

Tracadie North Bay	81 stakes
Tracadie North Gully	67 stakes
Pokemouche	20 stakes
Tabusintac	61 stakes
Tracadie South Gully	18 stakes

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-40	1049.200	JH9	0.75m SB 105 plate	0.75m SB 105 Can	M2382	Off Position / Hors Position	08/09/2009	3
A-40	1049.400	JH16	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1410	Extinguished / Éteinte	15/06/2009	3
A-40	1049.500	JH18	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1153	Off Position / Hors Position	31/05/2013	3
A-40	1049.500	JH18	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2850	Extinguished / Éteinte	03/10/2011	3
A-40	1049.600	JH21	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M900	Extinguished / Éteinte	27/04/2011	3
A-40	6049.160	JH8	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M774	Off Position / Hors Position	29/04/2013	3
A-40	6049.160	JH8	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1720	Off Position / Hors Position	23/06/2011	3
A-40	1049.120	JH7/5	0.75m plastique plate (SB75)	0.75m plastic Can (SB75)	M1047	Off Position / Hors Position	23/05/2013	3
A-40	1049.210	JH10	0.75m plastique conique (SB75)	0.75m plastic Conical (SB75)	M775	Off Position / Hors Position	29/04/2013	3
A-40	1049.210	JH10	0.75m plastique conique (SB75)	0.75m plastic Conical (SB75)	M2003	Extinguished / Éteinte	10/08/2009	3
A-40	1049.130	JH7/7	GDI 0.9m plate	GDI 0.9m Can	M776	Extinguished / Éteinte	29/04/2013	3
A-40	1049.100	JH6	0.75m plastique conique (SB75)	0.75m plastic Conical (SB75)	M773	Off Position / Hors Position	29/04/2013	3
A-40	1049.100	JH6	0.75m plastique conique (SB75)	0.75m plastic Conical (SB75)	M2041	Off Position / Hors Position	03/09/2013	3
A-40	1238.100	TA4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1154	Extinguished / Éteinte	31/05/2013	3
A-40	1238.100	TA4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M841	Extinguished / Éteinte	21/04/2010	3
A-40	1238.100	TA4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1580	Partially Submerged / Partiellement Submergée	30/06/2009	3
A-40	1238.200	TA12	0.75m plastique conique (SB75)	0.75m plastic Conical (SB75)	M1323	Off Position / Hors Position	14/06/2013	3
A-40	1238.200	TA12	0.75m plastique conique (SB75)	0.75m plastic Conical (SB75)	M2558	Off Position / Hors Position	23/09/2009	3
A-40	1238.200	TA12	0.75m plastique conique (SB75)	0.75m plastic Conical (SB75)	M2004	Extinguished / Éteinte	10/08/2009	3
A-40	1238.450	TA26/2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M919	Extinguished / Éteinte	09/05/2013	3
A-40	1238.450	TA26/2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M896	Extinguished / Éteinte	08/05/2013	3
A-40	1238.600	TA37	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M759	Off Position / Hors Position	26/04/2013	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-40	1238.650	TA39	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M950	Reduced Intensity / Intensité réduite	03/05/2012	3
A-40	1238.650	TA39	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M760	Off Position / Hors Position	26/04/2013	3
A-40	1238.660	TA41	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M761	Off Position / Hors Position	26/04/2013	3
A-40	1238.900	TC6	GDI 680N conique	GDI 680N Conical	M949	Off Position / Hors Position	14/05/2013	3
A-40	1238.900	TC6	GDI 680N conique	GDI 680N Conical	M1290	Extinguished / Éteinte	12/06/2013	3
A-40	1238.900	TC6	GDI 680N conique	GDI 680N Conical	M1346	Off Position / Hors Position	09/06/2009	3
A-40	1239.100	TC12	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M1052	Extinguished / Éteinte	08/05/2011	2
A-40	1239.300	TC19	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M849	Extinguished / Éteinte	06/05/2013	3
A-40	1239.300	TC19	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M902	Extinguished / Éteinte	26/04/2010	3
A-40	1239.600	TD4	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1207	Extinguished / Éteinte	17/05/2011	3
A-40	1239.600	TD4	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M898	Extinguished / Éteinte	26/04/2010	3
A-40	1239.650	TD5	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M903	Extinguished / Éteinte	26/04/2010	3
A-40	1239.700	TD8	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1208	Extinguished / Éteinte	17/05/2011	3
A-40	1240.500	TE4	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2638	Extinguished / Éteinte	12/09/2011	3
A-40	1241.600	TE34	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1714	Extinguished / Éteinte	23/06/2011	3
A-40	1241.800	TE38	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2552	Extinguished / Éteinte	06/09/2011	3
A-40	1242.000	TE46	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2553	Extinguished / Éteinte	06/09/2011	3
A-40	1242.200	TE48	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M818	Extinguished / Éteinte	02/05/2013	3
A-40	1246.500	TH2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1351	Off Position / Hors Position	14/06/2012	3
A-40	1246.500	TH2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1095	Off Position / Hors Position	11/05/2011	3
A-40	1246.500	TH2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1316	Extinguished / Éteinte	27/05/2010	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-40	1246.500	TH2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1312	Off Position / Hors Position	26/05/2010	3
A-40	1246.710	TH10	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2700	Extinguished / Éteinte	28/09/2010	3
A-40	1246.750	TH12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M915	Off Position / Hors Position	01/05/2012	3
A-40	1246.750	TH12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1477	Off Position / Hors Position	28/06/2012	3
A-40	1246.750	TH12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1267	Off Position / Hors Position	04/06/2012	3
A-40	1246.750	TH12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1094	Off Position / Hors Position	11/05/2011	3
A-40	1246.760	TH13	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2701	Extinguished / Éteinte	28/09/2010	3
A-40	1246.770	TH15	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1498	Not Reliable / pas fiable	04/07/2013	3
A-40	1246.770	TH15	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2702	Extinguished / Éteinte	28/09/2010	3
A-40	6238.910	TC8	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1386	Off Position / Hors Position	11/06/2009	3
A-40	6238.920	TC10	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1385	Off Position / Hors Position	11/06/2009	3
A-40	6239.110	TA6	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1241	Off Position / Hors Position	19/05/2011	3
A-40	6239.110	TA6	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M866	Not Reliable / pas fiable	23/04/2010	3
A-40	6239.120	TA8	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M846	Off Position / Hors Position	26/04/2012	3
A-40	6239.120	TA8	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1242	Off Position / Hors Position	19/05/2011	3
A-40	6239.120	TA8	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M867	Not Reliable / pas fiable	23/04/2010	3
A-40	6239.120	TA8	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1581	Off Position / Hors Position	30/06/2009	3
A-40	6239.130	TA10	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M847	Off Position / Hors Position	26/04/2012	3
A-40	1238.670	TA43	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2408	Extinguished / Éteinte	22/08/2011	3
A-40	1238.400	TA23	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M951	Extinguished / Éteinte	03/05/2012	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-40	1240.000	TE2	North Tracadie Approach light buoy TE2	4906	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	7.50	47º 30' 12"	64º 50' 54"	2500	lb	Serrated	23	22	Chain	2016	3	3
A-40	1240.500	TE4	North Tracadie Approach light buoy TE4	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	5.50	47º 28' 51.823"	64º 52' 33.679"	400	lb	Concrete	18.2	16	Chain	2016	3	3
A-40	1241.000	TE12	North Tracadie Harbour Entrance light buoy TE12	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.50	47º 29' 8.682"	64º 52' 50.347"	400	lb	Concrete	12.2	16	Chain	2016	3	3
A-40	1241.200	TE15	North Tracadie Harbour light buoy TE15	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.50	47º 29' 25.062"	64º 53' 2.551"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-40	1241.400	TE25	North Tracadie light buoy TE25	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.00	47º 30' 4.086"	64º 52' 45.444"	400	lb	Concrete	13.7	16	Chain	2016	3	3
A-40	1241.600	TE34	Tracadie light buoy TE34	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.00	47º 30' 37.955"	64º 53' 2.281"	400	lb	Concrete	13.7	16	Chain	2016	3	3
A-40	1241.800	TE38	North Tracadie Gully light buoy TE38	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.00	47º 30' 36.011"	64º 53' 33.18"	400	lb	Concrete	13.7	16	Chain	2016	3	3
A-40	1242.000	TE46	North Harbour Gully light buoy TE46	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.00	47º 30' 46.757"	64º 54' 13.032"	400	lb	Concrete	13.7	20	Chain	2016	3	3
A-40	1242.200	TE48	North Harbour Gully light buoy TE48	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.00	47º 30' 58.057"	64º 54' 19.577"	400	lb	Concrete	13.7	16	Chain	2016	3	3
A-40	1242.400	TE49	Tracadie Gully light buoy TE49	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	47º 31' 9.469"	64º 54' 16.463"	400	lb	Concrete	13.7	16	Chain	2016	3	3
A-40	6240.410	TE16	Tracadie North Gully TE16	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	47º 30' 48"	64º 52' 22"	100	lb	Concrete	4	16	Chain	2017	3	3
A-40	6240.890	TE5	Tracadie North Gully TE5	4906	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	3.00	47º 28' 49.566"	64º 52' 24.467"	400	lb	Concrete	12.2	16	Chain	2017	3	3
A-40	6240.900	TE8	Tracadie North Gully TE8	4906	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	2.00	47º 28' 51.071"	64º 52' 27.545"	400	lb	Concrete	12.2	16	Chain	2017	3	3
A-40	6240.910	TE10	Tracadie North Gully TE10	4906	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	2.00	47º 28' 57.576"	64º 52' 38.334"	400	lb	Concrete	12.2	16	Chain	2017	3	3
A-40	6241.420	TE18	Tracadie North Gully TE18	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	47º 30' 46"	64º 52' 45"	100	lb	Concrete	4	16	Chain	2017	3	3
A-40	6241.440	TE17	Tracadie North Gully TE17	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	47º 30' 57"	64º 52' 32"	100	lb	Concrete	4	16	Chain	2017	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-40	6241.450	TE19	Tracadie North Gully TE19	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	47º 30' 48"	64º 52' 48"	100	lb	Concrete	4	16	Chain	2017	3	3
A-40	6241.500	TE20	Tracadie North Gully TE20	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.00	47º 30' 42"	64º 52' 50"	100	lb	Concrete	2	16	Chain	2017	3	3
Buoys included in contract from July 2016																						
A-40	1238.100	TA4	Tabusintac South Gully Approach light buoy TA4	4906	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	47º 17' 11.807"	64º 56' 40.02"	400	lb	Concrete	18.2	16	Chain	2016	3	3
A-40	1238.200	TA12	Tabusintac South Gully Approach light buoy TA12	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	4.00	47º 17' 49.121"	64º 56' 41.64"	400	lb	Concrete	12	16	Chain	2016	3	3
A-40	1238.300	TA22	Tabusintac South Gully light buoy TA22	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.00	47º 18' 9.713"	64º 56' 41.759"	400	lb	Concrete	4	16	Chain	2016	3	3
A-40	1238.310	TA22/2	Tabusintac light buoy TA22/2	4906	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	47º 18' 28.757"	64º 56' 35.225"	400	lb	Concrete	4	16	Chain	2016	3	3
A-40	1238.320	TA22/4	Tabusintac light buoy TA22/4	4906	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	47º 18' 35.1"	64º 56' 31.729"	400	lb	Concrete	4	16	Chain	2016	3	3
A-40	1238.400	TA23	Tabusintac Gully light buoy TA23	4906	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	47º 20' 24.133"	64º 57' 19.343"	400	lb	Concrete	4	16	Chain	2016	3	3
A-40	1238.450	TA26/2	Tabusintac light buoy TA26/2	4906	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.50	47º 19' 22.105"	64º 56' 7.465"	400	lb	Concrete	5	16	Chain	2016	3	3
A-40	1238.500	TA34	Tabusintac Bay light buoy TA34	4906	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	47º 19' 48.353"	64º 56' 4.121"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-40	1238.600	TA37	Tabusintac Bay light buoy TA37	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.00	47º 20' 17.293"	64º 56' 51.126"	400	lb	Concrete	4	16	Chain	2016	3	3
A-40	1238.650	TA39	Tabusintac Bay light buoy TA39	4906	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	47º 20' 1.979"	64º 56' 17.783"	400	lb	Concrete	4	16	Chain	2016	3	3
A-40	1238.660	TA41	Tabusintac Bay light buoy TA41	4906	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	47º 19' 51.265"	64º 56' 9.161"	400	lb	Concrete	4	16	Chain	2016	3	3
A-40	1238.670	TA43	Tabusintac Bay light buoy TA43	4906	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	47º 19' 5.797"	64º 56' 13.794"	400	lb	Concrete	4	16	Chain	2016	3	3
A-40	1238.800	TC	South Tracadie light buoy TC	4906	Night	0.6m SB 60 Spar Conical PI		Plastic	Red-white	Seasonal	9.00	47º 28' 40"	64º 50' 58"	1000	lb	Concrete	27	22	Chain	2016	3	2
A-40	1238.900	TC6	South Tracadie Entrance light buoy TC6	4906	Night	GDI 680N Conical		Plastic	Red	Seasonal	6.00	47º 28' 49.548"	64º 51' 38.185"	600	lb	Concrete	18	20	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-40	1239.100	TC12	South Tracadie Entrance light buoy TC12	4906	Night	2.0m MOBILIS TRACKLESS	110	Plastic	Red	Seasonal	2.00	47º 28' 44.573"	64º 52' 29.359"	600	lb	Concrete	4	20	Chain	2016	3	2
A-40	1239.200	TC14	South Tracadie light buoy TC14	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	47º 28' 40.307"	64º 52' 31.555"	600	lb	Concrete	13.7	20	Chain	2016	3	3
A-40	1239.300	TC19	South Tracadie light buoy TC19	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.70	47º 28' 30.695"	64º 52' 32.437"	600	lb	Concrete	13.7	20	Chain	2016	3	3
A-40	1239.400	TC22	South Tracadie light buoy TC22	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.70	47º 28' 20.73"	64º 52' 35.227"	600	lb	Concrete	13.7	20	Chain	2016	3	3
A-40	1239.440	TC24	South Tracadie light buoy TC24	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.00	47º 28' .06"	64º 52' 57.3"	600	lb	Concrete	4	20	Chain	2016	3	1
A-40	1239.500	TD	South Tracadie bifurcation light buoy TD	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red-green-red	Seasonal	3.70	47º 28' 11.323"	64º 52' 45.264"	600	lb	Concrete	13.7	20	Chain	2016	3	3
A-40	1239.600	TD4	South Tracadie light buoy TD4	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	47º 28' 5.671"	64º 54' 20.718"	600	lb	Concrete	9.1	20	Chain	2016	3	3
A-40	1239.650	TD5	South Tracadie light buoy TD5	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	47º 28' 10.117"	64º 53' 38.976"	600	lb	Concrete	9.1	20	Chain	2016	3	3
A-40	1239.700	TD8	South Tracadie light buoy TD8	4906	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	47º 28' 17.375"	64º 53' 26.261"	600	lb	Concrete	9.1	20	Chain	2016	3	3
A-40	1246.500	TH2	Pokemouche Gully light buoy TH2	4486	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	5.00	47º 38' 59.76"	64º 46' 8.82"	400	lb	Concrete	13.7	16	Chain	2016	3	3
A-40	1246.710	TH10	Pokemouche Gully light buoy TH10	4486	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	47º 40' 8.4"	64º 48' 31.2"	200	lb	Concrete	5.5	16	Chain	2016	3	3
A-40	1246.720	TH11	Pokemouche Gully light buoy TH11	4486	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	47º 39' 49.9"	64º 47' 27.84"	200	lb	Concrete	5.5	16	Chain	2016	3	3
A-40	1246.750	TH12	Pokemouche Gully light buoy TH12	4486	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	47º 39' .36"	64º 46' 54"	200	lb	Concrete	5.5	16	Chain	2016	3	3
A-40	1246.760	TH13	Pokemouche Gully light buoy TH13	4486	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	47º 40' .6"	64º 47' 48.3"	200	lb	Concrete	5.5	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-40	1246.770	TH15	Pokemouche Gully light buoy TH15	4486	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	47º 39' 39.2"	64º 47' 16.26"	200	lb	Concrete	5.5	16	Chain	2016	3	3
A-40	6238.890	TC5	South Tracadie TC5	4906	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.30	47º 28' 51.107"	64º 52' 7.435"	400	lb	Concrete	6.6	16	Chain	2017	3	3
A-40	6238.910	TC8	South Tracadie TC8	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	47º 28' 30"	64º 55' 0"	400	lb	Concrete	3.6	16	Chain	2017	3	3
A-40	6238.920	TC10	South Tracadie TC10	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.00	47º 28' 52.845"	64º 52' 9.189"	400	lb	Concrete	2	16	Chain	2017	3	3
A-40	6238.940	PLAS3	Tracadie South Gully conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	4	16	Rope	2015	1	3
A-40	6238.941	PLAS3	Tracadie South Gully can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete	4	16	Rope	2015	1	3
A-40	6238.942	PLAS3	Tracadie South Gully conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	4	16	Rope	2015	1	3
A-40	6238.943	PLAS3	Tracadie South Gully can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete	4	16	Rope	2015	1	3
A-40	6238.944	PLAS3	Tracadie South Gully conical plastic buoy	4906	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	4	16	Rope	2015	1	3
A-40	6238.945	PLAS3	Tracadie South Gully can plastic buoy	4906	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete	4	16	Rope	2015	1	3
A-40	6239.110	TA6	Tabusintac buoy TA6	4906	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.50	47º 18' 21.024"	64º 56' 40.29"	400	lb	Concrete	3	16	Chain	2016	3	3
A-40	6239.120	TA8	TABUSINTAC buoy TA8	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.50	47º 17' 26.657"	64º 56' 40.326"	400	lb	Concrete	3	16	Chain	2016	3	3
A-40	6239.130	TA10	Tabusintac Buoy TA10	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.50	47º 17' 17.322"	64º 56' 39.977"	400	lb	Concrete	3	16	Chain	2016	3	3
A-40	6239.140	TA14	Tabusintac Buoy TA14	4906	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.80	47º 17' 33.245"	64º 56' 39.595"	400	lb	Concrete	4	16	Chain	2016	3	3
A-40	6239.150	TA15	Tabusintac Buoy TA15	4906	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	47º 17' 13"	64º 56' 43"	400	lb	Concrete	8	16	Chain	2016	3	3
A-40	6239.160	TA16	Tabusintac Buoy TA16	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	47º 17' 36.985"	64º 56' 40.362"	400	lb	Concrete	8	16	Chain	2016	3	3

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-40	6239.170	TA18	Tabusintac buoyTA18	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	47º 17' 52.937"	64º 56' 41.586"	400	lb	Concrete	4.8	16	Chain	2016	3	3
A-40	6239.510	TA24	Tabusintac buoy TA24	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	47º 17' 44.52"	64º 56' 41.129"	400	lb	Concrete	6	16	Chain	2016	3	3
A-40	6239.900	TA26	Tabusintac buoy TA26	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	47º 18' 11"	64º 56' 45"	400	lb	Concrete	7.4	16	Chain	2016	3	3
A-40	6240.100	TA28	Tabusintac buoyTA28	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	47º 18' 2.239"	64º 56' 41.64"	400	lb	Concrete	7.4	16	Chain	2016	3	3
A-40	6240.120	TA30	Tabusintac buoy TA30	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	47º 18' 36"	64º 56' 38"	400	lb	Concrete	7.4	16	Chain	2016	3	3
A-40	6240.260	PLAS1	Tabusintac Conical Plastic Buoy - PLAS1	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2015	1	3
A-40	6240.270	PLAS1	Tabusintac Conical Plastic Buoy - PLAS1	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2015	1	3
A-40	6240.280	PLAS1	Tabusintac Conical Plastic Buoy - PLAS1	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2015	1	3
A-40	6240.290	PLAS1	Tabusintac Conical Plastic Buoy - PLAS1	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2015	1	3
A-40	6240.300	TA32	Tabusintac buoy TA32	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	47º 19' 26"	64º 56' 12"	400	lb	Concrete	7.4	16	Chain	2016	3	3
A-40	6240.310	PLAS1	Tabusintac Conical Plastic Buoy - PLAS1	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2015	1	3
A-40	6240.320	PLAS1	Tabusintac Conical Plastic Buoy - PLAS1	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2015	1	3
A-40	6246.800	PLAS5	Pokemouche conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-40	6246.801	PLAS5	Pokemouche conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-40	6246.802	PLAS5	Pokemouche conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-40	6246.803	PLAS5	Pokemouche conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-40	6246.804	PLAS5	Pokemouche conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-40	6246.810	PLAS4	Pokemouche can plastic buoy	4486	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	100	lb	Concrete		16	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-40	6246.811	PLAS4	Pokemouche can plastic buoy	4486	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-40	6246.812	PLAS4	Pokemouche can plastic buoy	4486	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-40	6246.813	PLAS4	Pokemouche can plastic buoy	4486	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3

Contract Area name:	Shippegan, Caraquet, Miscou
Contract Area no.:	A-41
Province(s):	New Brunswick
Contract Area Description:	Includes the northern end of the Acadian peninsula between Caraquet and Shippigan.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown, PE
Commissioning date:	Varies: Caraquet and Shippigan: April 15th, Fox Dens Gully and Miscou: May 15th.
Decommissioning date:	December 15th
Total no. of buoys:	127 total: 104, and 23 uncharted
Max. buoy size(m) diameter :	1.75
Maximum anchor size (weight (kg)):	1818
Maximum buoy weight (kg) :	453
Maximum water depth (m) :	18
Operational Season:	See Comment
Overview of work activities:	1 buoy is 'year round', 19 are 'Seasonal (in place year round)' and 107 are 'seasonal'. 19 buoys have removable lanterns. 23 of the buoys are replaced with winter spars. At Commissioning, work includes position verification of the buoys, addition of lanterns and, as required, tape & numbers. Winter spars are replaced by summer buoys. Decommissioning work includes replacement of summer buoys with winter spars, and removal of lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
Comment:	Local knowledge is required to place buoys in the Miscou Harbour area, due to shifting channels . See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule The new contract for this area will start on July 2nd, 2015.

Contract Area name:	Shippegan, Caraquet, Miscou
Contract Area no.:	A-41

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 4 current contracts in this Contract area, all of which expire in 2015.

Caraquet	19 buoys
Fox Dens Gully	49 buoys
Miscou	9 buoys
Shippegan	50 buoys

The new contract will start on July 2, 2015 and include 127 buoys for contract period.

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-41	1262.600	TK3	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M970	Off Position / Hors Position	15/05/2013	3
A-41	1262.600	TK3	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M888	Extinguished / Éteinte	07/05/2013	3
A-41	1262.600	TK3	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1512	Off Position / Hors Position	03/07/2012	3
A-41	1250.700	TJA	GDI 0.9m plate	GDI 0.9m Can	M2546	Off Position / Hors Position	13/09/2010	3
A-41	1250.700	TJA	GDI 0.9m plate	GDI 0.9m Can	M776	Extinguished / Éteinte	27/04/2009	3
A-41	1248.130	TJ6	GDI 0.9m conique	GDI 0.9m Conical	M2017	Off Position / Hors Position	29/08/2013	3
A-41	1248.130	TJ6	GDI 0.9m conique	GDI 0.9m Conical	M2902	Off Position / Hors Position	19/10/2010	3
A-41	1248.130	TJ6	GDI 0.9m conique	GDI 0.9m Conical	M2544	Off Position / Hors Position	13/09/2010	3
A-41	1248.130	TJ6	GDI 0.9m conique	GDI 0.9m Conical	M2365	Off Position / Hors Position	07/09/2009	3
A-41	1248.130	TJ6	GDI 0.9m conique	GDI 0.9m Conical	M1962	Off Position / Hors Position	06/08/2009	3
A-41	1248.130	TJ6	GDI 0.9m conique	GDI 0.9m Conical	M904	Off Position / Hors Position	04/05/2009	3
A-41	1248.130	TJ6	GDI 0.9m conique	GDI 0.9m Conical	M825		29/04/2009	3
A-41	6262.120	TK6	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1015	Not Reliable / pas fiable	21/05/2013	3
A-41	6262.120	TK6	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1701	Off Position / Hors Position	21/06/2011	3
A-41	6253.100	TJ22	0.75m SB 105 conique	0.75m SB 105 Conical	M2225	Aground / échoué	08/09/2012	3
A-41	6253.100	TJ22	0.75m SB 105 conique	0.75m SB 105 Conical	M1450	Off Position / Hors Position	02/06/2011	3
A-41	6253.100	TJ22	0.75m SB 105 conique	0.75m SB 105 Conical	M1177	Off Position / Hors Position	16/05/2011	3
A-41	6253.100	TJ22	0.75m SB 105 conique	0.75m SB 105 Conical	M1176	Off Position / Hors Position	16/05/2011	3
A-41	6262.110	TK4	0.75m SB 105 conique	0.75m SB 105 Conical	M2559	Off Position / Hors Position	07/09/2011	3
A-41	6262.110	TK4	0.75m SB 105 conique	0.75m SB 105 Conical	M1747	Extinguished / Éteinte	08/07/2010	3
A-41	6262.110	TK4	0.75m SB 105 conique	0.75m SB 105 Conical	M1695	Off Position / Hors Position	04/07/2010	3

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Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-41	6262.110	TK4	0.75m SB 105 conique	0.75m SB 105 Conical	M1240	Off Position / Hors Position	18/05/2010	3
A-41	6262.160	TK10	1.5m SB 98 plastique	1.5m SB 98 plastic	M2740	Off Position / Hors Position	01/10/2010	3
A-41	6262.140	TK8	GDI 0.9m conique	GDI 0.9m Conical	M1521	Off Position / Hors Position	07/06/2010	3
A-41	1261.600	TJ60	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1462	Extinguished / Éteinte	19/06/2009	3
A-41	1257.500	TJ27	0.75m SB 105 plate	0.75m SB 105 Can	M738	Partially Submerged / Partiellement Submergée	24/04/2013	3
A-41	1257.500	TJ27	0.75m SB 105 plate	0.75m SB 105 Can	M738	Extinguished / Éteinte	24/04/2013	3
A-41	1261.000	TJ42	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2084	Extinguished / Éteinte	22/08/2012	3
A-41	1261.500	TJ47	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M677	Off Position / Hors Position	15/04/2009	3
A-41	1262.500	TK2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M887	Off Position / Hors Position	26/04/2011	3
A-41	1263.200	EA21	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M886	Extinguished / Éteinte	07/05/2013	3
A-41	1264.000	EA24	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M887	Extinguished / Éteinte	07/05/2013	3
A-41	1264.100	EA30	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M888	Extinguished / Éteinte	26/04/2011	3
A-41	1273.000	EA20	GDI 680N	GDI 680N	M834	Extinguished / Éteinte	25/04/2012	3
A-41	1273.000	EA20	GDI 680N	GDI 680N	M901	Extinguished / Éteinte	26/04/2010	3
A-41	1282.500	EG8	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M852	Extinguished / Éteinte	06/05/2013	3
A-41	1282.500	EG8	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2585	Partially Submerged / Partiellement Submergée	08/09/2011	3
A-41	1284.000	EG11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M923	Off Position / Hors Position	10/05/2013	3
A-41	1284.000	EG11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M753	Partially Submerged / Partiellement Submergée	15/04/2010	3
A-41	1284.000	EG11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M796	Extinguished / Éteinte	28/04/2009	3
A-41	1286.000	EG14	0.6m espar conique (longue)	0.6m spar Conical (Long)	M883	Off Position / Hors Position	07/05/2013	3
A-41	1286.000	EG14	0.6m espar conique (longue)	0.6m spar Conical (Long)	M907	Extinguished / Éteinte	01/05/2012	3

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A-41	1286.000	EG14	0.6m espar conique (longue)	0.6m spar Conical (Long)	M2066	Reduced Intensity / Intensité réduite	21/08/2012	3
A-41	1286.000	EG14	0.6m espar conique (longue)	0.6m spar Conical (Long)	M2586	Partially Submerged / Partiellement Submergée	08/09/2011	3
A-41	1286.000	EG14	0.6m espar conique (longue)	0.6m spar Conical (Long)	M1854	Partially Submerged / Partiellement Submergée	06/07/2011	3
A-41	1286.000	EG14	0.6m espar conique (longue)	0.6m spar Conical (Long)	M752	Off Position / Hors Position	15/04/2010	3
A-41	1286.000	EG14	0.6m espar conique (longue)	0.6m spar Conical (Long)	M3077	Partially Submerged / Partiellement Submergée	24/11/2009	3
A-41	1286.000	EG14	0.6m espar conique (longue)	0.6m spar Conical (Long)	M3056	Partially Submerged / Partiellement Submergée	20/11/2009	3
A-41	1289.000	EG21	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M732	Extinguished / Éteinte	18/04/2012	3
A-41	1289.000	EG21	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M793	Extinguished / Éteinte	28/04/2009	3
A-41	1291.000	EG25	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M841	Off Position / Hors Position	06/05/2013	3
A-41	1291.000	EG25	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M753	Extinguished / Éteinte	19/04/2012	3
A-41	1293.000	EJ3	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1085	Extinguished / Éteinte	28/05/2013	3
A-41	1293.000	EJ3	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1051	Extinguished / Éteinte	08/05/2011	3
A-41	1293.000	EJ3	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1409	Off Position / Hors Position	04/06/2010	3
A-41	1295.300	EJ5	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1084	Extinguished / Éteinte	28/05/2013	3
A-41	1295.300	EJ5	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2762	Extinguished / Éteinte	09/10/2009	3
A-41	1295.300	EJ5	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2586	Off Position / Hors Position	27/09/2009	3
A-41	1295.400	EJ7	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M755	Extinguished / Éteinte	19/04/2012	3
A-41	1295.400	EJ7	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M3150	Partially Submerged / Partiellement Submergée	06/11/2011	3
A-41	1298.000	EJ10	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M1314	Extinguished / Éteinte	14/06/2013	3
A-41	1298.000	EJ10	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M942	Extinguished / Éteinte	03/05/2012	3
A-41	1298.000	EJ10	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M899	Extinguished / Éteinte	26/04/2010	3

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A-41	1298.000	EJ10	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M899	Extinguished / Éteinte	26/04/2010	3
A-41	1298.000	EJ10	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2078	Extinguished / Éteinte	16/08/2009	3
A-41	1299.000	EJ11	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M754	Extinguished / Éteinte	19/04/2012	3
A-41	1300.000	EJ14	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M900	Extinguished / Éteinte	26/04/2010	3
A-41	1300.000	EJ14	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2079	Extinguished / Éteinte	16/08/2009	3
A-41	1306.200	EM4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M879	Off Position / Hors Position	26/04/2011	3
A-41	1306.200	EM4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2867		21/10/2009	3
A-41	1306.200	EM4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2857		20/10/2009	3
A-41	1306.200	EM4	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M886	Off Position / Hors Position	04/05/2009	3
A-41	1306.300	EM2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M963	Extinguished / Éteinte	15/05/2013	3
A-41	1306.300	EM2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M774	Extinguished / Éteinte	20/04/2012	3
A-41	1306.300	EM2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M698	Off Position / Hors Position	16/04/2012	3
A-41	1306.300	EM2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M950		29/04/2011	3
A-41	1306.300	EM2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M2867		21/10/2009	3
A-41	1306.300	EM2	SB-138 plastique(Tideland)	SB-138 plastic(Tideland)	M2856		20/10/2009	3
A-41	1307.000	EM7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1108	Off Position / Hors Position	12/05/2011	3
A-41	1307.000	EM7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M880	Off Position / Hors Position	26/04/2011	3
A-41	1307.000	EM7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M738	Off Position / Hors Position	15/04/2010	3
A-41	1308.500	EM10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M768	Off Position / Hors Position	19/04/2012	3
A-41	1312.000	EM18	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1959	Extinguished / Éteinte	06/08/2009	3
A-41	1312.000	EM18	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1276	Extinguished / Éteinte	01/06/2009	3

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A-41	1313.000	EM20	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2902		26/10/2009	3
A-41	1313.000	EM20	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2621	Off Position and extinguished / Hors Position et Éteinte	29/09/2009	3
A-41	1313.000	EM20	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1277	Extinguished / Éteinte	01/06/2009	3
A-41	1317.000	EM23	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M769	Off Position / Hors Position	19/04/2012	3
A-41	1317.000	EM23	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1278	Extinguished / Éteinte	01/06/2009	3
A-41	1318.000	EM28	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2024	Extinguished / Éteinte	11/08/2009	3
A-41	1318.000	EM28	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1279	Extinguished / Éteinte	01/06/2009	3
A-41	1318.200	EM31	0.75m SB 105 plate	0.75m SB 105 Can	M904	Extinguished / Éteinte	26/04/2010	3
A-41	1320.500	EN5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2022	Extinguished / Éteinte	11/08/2009	3
A-41	1321.500	EN9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M775	Extinguished / Éteinte	20/04/2012	3
A-41	1321.500	EN9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M882	Off Position / Hors Position	26/04/2011	3
A-41	1321.500	EN9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1999	Extinguished / Éteinte	02/08/2010	3
A-41	1321.500	EN9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2903		26/10/2009	3
A-41	1321.500	EN9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2658	Off Position / Hors Position	03/10/2009	3
A-41	1321.500	EN9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2183	Aground / échoué	22/08/2009	3
A-41	1321.500	EN9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2183	Extinguished / Éteinte	22/08/2009	3
A-41	1321.500	EN9	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2023	Extinguished / Éteinte	11/08/2009	3
A-41	1322.500	EN	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M3011	Off Position / Hors Position	24/10/2011	2
A-41	6261.100	TJ43	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M933	Off Position / Hors Position	28/04/2011	3
A-41	6261.100	TJ43	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2901	Off Position / Hors Position	19/10/2010	3
A-41	6320.700	EN7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2380	Off Position / Hors Position	08/09/2009	3

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A-41	6248.510	TJ9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2545	Off Position / Hors Position	13/09/2010	3
A-41	6248.510	TJ9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1963	Partially Submerged / Partiellement Submergée	06/08/2009	3
A-41	6248.510	TJ9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1961	Off Position / Hors Position	06/08/2009	3
A-41	6248.510	TJ9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M909	Off Position / Hors Position	04/05/2009	3
A-41	6248.510	TJ9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M828		29/04/2009	3
A-41	1248.120	TJ5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1598	Off Position / Hors Position	11/07/2012	3
A-41	1253.000	TJ20	0.75m SB 105 conique	0.75m SB 105 Conical	M1688	Extinguished / Éteinte	19/07/2012	3
A-41	1253.000	TJ20	0.75m SB 105 conique	0.75m SB 105 Conical	M1205	Extinguished / Éteinte	17/05/2011	3
A-41	1253.000	TJ20	0.75m SB 105 conique	0.75m SB 105 Conical	M1175	Off Position / Hors Position	16/05/2011	3
A-41	1269.200	EA5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M851	Extinguished / Éteinte	06/05/2013	3
A-41	1270.200	EA8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M850	Extinguished / Éteinte	06/05/2013	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-41	1248.120	TJ5	Shippegan South Gully light buoy TJ5	4913	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.70	47° 42' 41.222"	64° 39' 59.477"	600	lb	Concrete	7	16	Chain	2016	3	3
A-41	1248.130	TJ6	Shippegan South Gully light buoy TJ6	4913	Night	GDI 0.9m Conical		Plastic	Red	Seasonal	3.10	47° 42' 43.006"	64° 39' 59.294"	600	lb	Concrete	7	16	Chain	2016	3	3
A-41	1248.140	TJ7/3	Shippegan South Gully light buoy TJ7/3	4913	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.20	47° 42' 48.371"	64° 40' 9.065"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-41	1248.150	TJ8	Shippegan Gully light buoy TJ8	4913	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.60	47° 42' 48.796"	64° 40' 2.119"	600	lb	Concrete	7	16	Chain	2016	3	3
A-41	1248.700	TJ10	Shippegan South Gully light buoy TJ10	4913	Night	GDI 0.9m Conical		Plastic	Red	Seasonal	4.00	47° 42' 54.542"	64° 39' 56.782"	600	lb	Concrete	7	16	Chain	2016	3	3
A-41	1250.700	TJA	Shippegan Gully cautionary light buoy TJA	4920	Night	GDI 0.9m Can		Plastic	Yellow	Seasonal	2.00	47° 43' 23.52"	64° 40' 5.82"	400	lb	Concrete	4.9	16	Chain	2016	3	3
A-41	1253.000	TJ20	Shippegan Gully light buoy TJ20	4920	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	2.70	47° 43' 2.868"	64° 39' 52.248"	800	lb	Concrete	3	20	Chain	2016	3	3
A-41	1253.400	TJ24	Shippegan Harbour light buoy TJ24	4920	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	2.50	47° 43' 12.62"	64° 40' 3.22"	2500	lb	Concrete	10	20	Chain	2016	3	3
A-41	1257.500	TJ27	Shippegan South Gully light buoy TJ27	4920	Night	0.75m SB 105 Can	52	Plastic	Green	Seasonal	1.90	47° 43' 27.06"	64° 40' 3.508"	1200	lb	Concrete	4.6	20	Chain	2016	3	3
A-41	1257.600	TJ28	Shippegan South Gully light buoyTJ28	4920	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	1.80	47° 43' 26.028"	64° 40' 1.622"	2500		Concrete	4.6	16	Chain	2016	3	3
A-41	1257.800	TJ30	Shippegan Harbour light buoy TJ30	4920	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.50	47° 43' 34.294"	64° 39' 59.457"	400	lb	Concrete	4.6	20	Chain	2016	3	3
A-41	1260.000	TJ38	Shippegan Harbour light buoy TJ38	4920	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	47° 43' 52.6"	64° 40' 9.1"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-41	1261.000	TJ42	Shippegan Harbour light buoy TJ42	4920	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.50	47° 44' 3.2"	64° 40' 30.1"	400	lb	Concrete	9.1	20	Chain	2016	3	3
A-41	1261.500	TJ47	Shippegan South Gully light buoy TJ47	4920	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.50	47° 44' 9.3"	64° 40' 56.6"	400	lb	Concrete	9	16	Chain	2016	3	3
A-41	1261.550	TJ55	Shippegan Harbour light buoy TJ55	4920	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal (in place year round)	4.00	47° 44' 20.4"	64° 41' 7.6"	400	lb	Concrete	7.6	20	Chain	2016	3	3
A-41	1261.600	TJ60	Shippegan Harbour light buoy TJ60	4920	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal (in place year round)	5.50	47° 44' 35.1"	64° 41' 18.5"	400	lb	Concrete	11	20	Chain	2016	3	3

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BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-41	1262.500	TK2	Fox Dens Gully light buoy TK2	4913	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	7.00	47º 53' 12.7"	64º 29' 30.6"	1000	lb	Concrete	27.4	22	Chain	2016	3	3
A-41	1262.600	TK3	Fox Dens Gully light buoy TK3	4913	Night	GDI 0.9m Can		Plastic	Green	Seasonal	3.00	47º 53' 2.58"	64º 29' 51.96"	1000	lb	Concrete	9.1	20	Chain	2016	3	3
A-41	1262.750	TK15	Fox Dens Gully Light Buoy TK15	4913	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	47º 53' 6.48"	64º 30' 27.6"	400	lb	Concrete	5	22	Chain	2016	3	3
A-41	1263.200	EA21	Fox Dens Gully light buoy EA21	4913	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	47º 53' 7.2"	64º 33' 19.6"	400	lb	Concrete	8	16	Chain	2016	3	3
A-41	1264.000	EA24	Fox Dens Gully light buoy EA24	4913	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	47º 53' 12.2"	64º 32' 48.6"	400	lb	Concrete	8	16	Chain	2016	3	3
A-41	1264.100	EA30	Fox Dens Gully light buoy EA30	4913	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	9.00	47º 52' 52"	64º 31' 48"	400	lb	Concrete	18	16	Chain	2016	3	3
A-41	1267.000	EA	Miscou Channel Entrance light buoy EA	4913	Night	1.5m SB 98 plastic	261	Plastic	Red-white	Seasonal	9.00	47º 55' 10.2"	64º 40' 27.6"	1500	lb	Serrated	27	22	Chain	2016	3	2
A-41	1269.200	EA5	Miscou Channel Light Buoy EA5	4913	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	15.00	47º 54' 19.8"	64º 37' 59.22"	1500	lb	Serrated	27.4	20	Chain	2016	3	3
A-41	1269.400	EA6	Miscou Island Light Buoy EA6	4913	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal		47º 53' 36.24"	64º 37' 1.68"	1500	lb	Serrated	27.4	20	Chain	2016	3	3
A-41	1270.000	EA7	Miscou Channel light buoy EA7	4913	Night	GDI 680N		Plastic	Green	Seasonal	5.00	47º 53' 44.76"	64º 36' 57.54"	1500	lb	Serrated	27	22	Chain	2016	3	3
A-41	1270.200	EA8	Miscou Channel Light Buoy EA8	4913	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	15.00	47º 53' 25.68"	64º 36' 28.86"	1500	lb	Serrated	27.4	20	Chain	2016	3	3
A-41	1271.000	EA9	Miscou Channel light buoy EA9	4913	Night	GDI 680N		Plastic	Green	Seasonal	7.00	47º 53' 28.62"	64º 36' 21.24"	1500	lb	Serrated	24	22	Chain	2016	3	3
A-41	1272.000	EA16	Miscou Harbour light buoy EA16	4913	Night	GDI 680N		Plastic	Red	Seasonal	12.00	47º 53' 15.2"	64º 35' 46.6"	1500	lb	Stone	24	22	Chain	2016	3	3
A-41	1273.000	EA20	Miscou Harbour light buoy EA20	4913	Night	GDI 680N		Plastic	Red	Seasonal	18.00	47º 53' 12.2"	64º 34' 21.6"	1500	lb	Serrated	30	22	Chain	2016	3	3
A-41	1273.400	ED1	Miscou Channel light buoy ED1	4913	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	47º 53' 21.24"	64º 34' 14.64"	400	lb	Concrete	5	16	Chain	2016	3	1
A-41	1282.000	EG5	Shippegan Channel light buoy EG5	4913	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	47º 51' 11.2"	64º 43' 57.6"	4000	lb	Concrete	27	22	Chain	2016	3	3

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BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-41	1282.500	EG8	Shippegan Channel light buoy EG8	4913	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Red	Seasonal (in place year round)	15.00	47º 50' 40.2"	64º 43' 43.6"	4000	lb	Concrete	27	22	Chain	2016	3	3
A-41	1284.000	EG11	Shippegan Channel light buoy EG11	4913	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	9.00	47º 49' 54.2"	64º 43' 50.6"	4000	lb	Concrete	27	22	Chain	2016	3	3
A-41	1286.000	EG14	Shippegan Channel light buoy EG14	4913	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Red	Seasonal (in place year round)	11.00	47º 48' 53.2"	64º 43' 27.6"	1200	lb	Serrated	27	20	Chain	2016	3	3
A-41	1286.600	EG17	Shippegan Channel light buoy EG17	4913	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Green	Seasonal (in place year round)	6.00	47º 47' 3.2"	64º 43' 17.6"	3000	lb	Stone	27.4	22	Chain	2016	3	3
A-41	1286.800	EG18	Shippegan Channel light buoy EG18	4913	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Red	Seasonal (in place year round)	7.00	47º 46' 48.2"	64º 43' 36.6"	4000	lb	Concrete	27	22	Chain	2016	3	3
A-41	1289.000	EG21	Shippegan Channel light buoy EG21	4913	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Green	Seasonal (in place year round)	7.00	47º 46' 7.2"	64º 42' 59.6"	2500	lb	Concrete	27	22	Chain	2016	3	3
A-41	1290.000	EG24	Shippegan Channel light buoy EG24	4913	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	6.00	47º 45' 34.2"	64º 42' 43.6"	2500	lb	Concrete	27	22	Chain	2016	3	3
A-41	1291.000	EG25	Shippegan Channel light buoy EG25	4920	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	47º 45' 2"	64º 42' 15.7"	2500	lb	Concrete	27	22	Chain	2016	3	3
A-41	1293.000	EJ3	Shippegan Sound light buoy EJ3	4913	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	47º 46' 44.2"	64º 42' 16.6"	2500	lb	Concrete	15	22	Chain	2016	3	3
A-41	1295.300	EJ5	Baie de Lamèque light buoy EJ5	4913	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Green	Seasonal (in place year round)	7.00	47º 46' 24.2"	64º 41' 21.6"	2500	lb	Concrete	24	22	Chain	2016	3	3

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BUOY DATA

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-41	1295.400	EJ7	Baie de Lamèque light buoy EJ7	4913	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	6.00	47º 46' 32.2"	64º 40' 45.6"	2500	lb	Concrete	15	20	Chain	2016	3	3
A-41	1298.000	EJ10	Baie de Lamèque light buoy EJ10	4913	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	5.00	47º 46' 43.2"	64º 40' 20.6"	2500	lb	Concrete	17	22	Chain	2016	3	3
A-41	1299.000	EJ11	Baie de Lamèque light buoy EJ11	4913	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Green	Seasonal (in place year round)	4.00	47º 47' .2"	64º 40' 8.6"	2500	lb	Concrete	9	20	Chain	2016	3	3
A-41	1300.000	EJ14	Baie de Lamèque light buoy EJ14	4920	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	4.00	47º 47' 15.5"	64º 39' 44.4"	1200	lb	Concrete	9	20	Chain	2016	3	3
A-41	1306.200	EM4	Caraquet Channel light buoy EM4	4913	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.00	47º 51' 10.2"	64º 46' 16.6"	2500	lb	Serrated	18	22	Chain	2016	3	3
A-41	1306.300	EM2	Caraquet Channel light buoy EM2	4913	Night	SB-138 plastic(Tideland)		Plastic	Red	Seasonal	7.00	47º 52' 3"	64º 45' 12"	2500	lb	Serrated	14	22	Chain	2016	3	3
A-41	1307.000	EM7	Caraquet Channel light buoy EM7	4913	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	6.00	47º 50' 16.5"	64º 47' 37.4"	2500	lb	Serrated	18	22	Chain	2016	3	3
A-41	1308.000	EM8	Caraquet Channel light buoy EM8	4913	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.00	47º 49' 56.6"	64º 48' 8"	2500	lb	Serrated	18	22	Chain	2016	3	3
A-41	1308.500	EM10	Caraquet Channel light buoy EM10	4913	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	0.00	47º 49' 37"	64º 49' 0"	2500	lb	Serrated	27	22	Chain	2016	3	3
A-41	1312.000	EM18	Caraquet Harbour light buoy EM18	4920	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	0.00	47º 48' 28.4"	64º 52' 14.3"	2500	lb	Serrated	18	22	Chain	2016	3	3
A-41	1313.000	EM20	Caraquet Harbour East light buoy EM20	4913	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	5.00	47º 48' 25.1"	64º 52' 39.6"	2500	lb	Serrated	18	22	Chain	2016	3	3
A-41	1317.000	EM23	Caraquet Harbour West light buoy EM23	4913	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	5.00	47º 48' 24.7"	64º 53' 34.6"	1500	lb	Serrated	18	22	Chain	2016	3	3
A-41	1318.000	EM28	Caraquet Harbour light buoy EM28	4913	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	5.00	47º 48' 22"	64º 54' 17"	1500	lb	Serrated	18	22	Chain	2016	3	3
A-41	1318.200	EM31	Caraquet Harbour light buoy EM31	4920	Night	0.75m SB 105 Can	52	Plastic	Green	Seasonal	6.00	47º 47' 53.5"	64º 55' 23.3"	2500	lb	Concrete	18	16	Chain	2016	3	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-41	1320.000	EM42	Baie de Caraquet light buoy EM42	4913	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	5.00	47º 48' 3.2"	64º 57' 27.6"	1200	lb	Concrete	18	20	Chain	2016	3	3
A-41	1320.500	EN5	Caraquet Island light buoy EN5	4913	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	3.00	47º 49' 27"	64º 55' 0"	2500	lb	Serrated	9	22	Chain	2016	3	3
A-41	1321.500	EN9	Caraquet Harbour light buoy EN9	4913	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	1.50	47º 48' 48"	64º 54' 11"	1500	lb	Serrated	3	22	Chain	2016	3	3
A-41	1322.500	EN	Maisonnette Ledge light buoy EN	4913	Night	0.6m SB 60 Spar Can Pl		Plastic	Red-white	Seasonal	9.00	47º 50' 42.2"	64º 55' 15.6"	2500	lb	Serrated	27	22	Chain	2016	3	2
A-41	6248.150	TJ7/1	Shippegan Gully spar buoy TJ7/1	4913	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.60	47º 42' 41.944"	64º 40' 5.5"	600	lb	Concrete	7	16	Chain	2015	1	3
A-41	6248.510	TJ9	Shippegan South Gully spar buoy TJ9	4913	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	47º 42' 56.249"	64º 40' 1.877"	600	lb	Concrete	7	16	Chain	2015	3	3
A-41	6253.100	TJ22	Shippegan Gully Buoy TJ22	4920	Unlit	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	2.00	47º 43' 8.56"	64º 39' 59.34"	800	lb	Concrete	3	20	Chain	2017	3	3
A-41	6257.400	TJ26	Shippegan South Gully spar buoy TJ26	4920	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.40	47º 43' 16.27"	64º 40' 3.96"	400	lb	Concrete		16	Chain	2017	3	3
A-41	6257.600	TJ29	Shippegan South Gully spar buoy TJ29	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.60	47º 43' 33.05"	64º 40' 2.57"	400	lb	Concrete	7.6	16	Chain	2016	3	3
A-41	6257.700	TJ31	Shippegan South Gully spar buoy TJ31	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.50	47º 43' 39.5"	64º 40' 4.5"	400	lb	Concrete	6.1	16	Chain	2015	3	3
A-41	6257.900	TJ35	Shippegan South Gully spar buoy TJ35	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.30	47º 43' 48.5"	64º 40' 8.6"	400	lb	Concrete	4.3	16	Chain	2016	3	3
A-41	6260.100	TJ39	Shippegan South Gully spar buoy TJ39	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	47º 43' 51.8"	64º 40' 11.7"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-41	6261.100	TJ43	Shippegan South Gully spar buoy TJ43	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	47º 44' 2.9"	64º 40' 32.6"	400	lb	Concrete	3.7	16	Chain	2015	3	3
A-41	6261.200	TJ46	Shippegan South Gully spar buoy TJ46	4920	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.70	47º 44' 9.1"	64º 40' 51.6"	400	lb	Concrete	2.7	16	Chain	2016	3	3
A-41	6261.700	TJ50	Shippegan South Gully spar buoy TJ50	4920	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	47º 44' 11.8"	64º 40' 54.8"	400	lb	Concrete	3.7	16	Chain	2016	3	3
A-41	6261.800	TJ54	Shippegan South Gully spar buoy TJ54	4920	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	47º 44' 22.2"	64º 41' 4.8"	400	lb	Concrete	4	16	Chain	2016	3	3
A-41	6261.810	TJ59	Shippegan South Gully spar buoy TJ59	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.30	47º 44' 30.3"	64º 41' 17.4"	400	lb	Concrete	4.3	16	Chain	0	3	3
A-41	6261.820	TJ63	Shippegan South Gully spar buoy TJ63	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.10	47º 44' 33.1"	64º 41' 20.5"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-41	6262.100	TK5	Fox Dens Gully Buoy TK5	4913	Unlit	GDI 0.9m Can		Plastic	Green	Seasonal	3.00	47º 53' 3.24"	64º 29' 57"	1000	lb	Concrete	9.1	16	Chain	2016	3	3

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Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-41	6262.110	TK4	Fox Dens Gully Buoy TK4	4913	Unlit	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	2.50	47º 53' 4.32"	64º 29' 52.02"	1000	lb	Concrete	13.7	20	Chain	2016	3	3
A-41	6262.120	TK6	Fox Dens Gully Buoy TK6	4913	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.50	47º 53' 4.44"	64º 29' 57.06"	400	lb	Concrete		22	Chain	2016	3	3
A-41	6262.130	TK7	Fox Dens Gully Buoy TK7	4913	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.50	47º 53' 4.62"	64º 30' 2.88"	400	lb	Concrete		22	Chain	2016	3	3
A-41	6262.140	TK8	Fox Dens Gully Buoy TK8	4913	Unlit	GDI 0.9m Conical		Plastic	Red	Seasonal	3.50	47º 53' 6.96"	64º 30' 5.1"	1000	lb	Concrete		22	Chain	2016	3	3
A-41	6262.150	TK9	Fox Dens Gully Buoy TK9	4913	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	3.50	47º 53' 6.42"	64º 30' 15.48"	1000	lb	Concrete		22	Chain	2016	3	3
A-41	6262.160	TK10	Fox Dens Gully Buoy TK10	4913	Unlit	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	3.50	47º 53' 8.04"	64º 30' 9.54"	1000	lb	Concrete		22	Chain	2016	3	3
A-41	6262.170	TK11	Fox Dens Gully Buoy TK11	4913	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	4.00	47º 53' 6.42"	64º 30' 22.86"	1000	lb	Concrete		22	Chain	2016	3	3
A-41	6262.180	TK12	Fox Dens Gully Buoy TK12	4913	Unlit	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	4.00	47º 53' 8.22"	64º 30' 21.72"	1000	lb	Concrete		22	Chain	2016	3	3
A-41	6262.400	PLAS4	Fox Dens Gully conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	0	16	Rope	2016	3	3
A-41	6262.401	PLAS4	Fox Dens Gully conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Rope	2016	3	3
A-41	6262.402	PLAS4	Fox Dens Gully conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Rope	2016	3	3
A-41	6262.403	PLAS4	Fox Dens Gully conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 6.81"	200	lb	Concrete		16	Rope	2016	3	3
A-41	6262.410	PLAS1	Fox Dens Gully can plastic buoy	4486	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	0	16	Rope	2015	1	3
A-41	6262.411	PLAS3	Fox Dens Gully can plastic buoy	4486	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	400	lb	Concrete		16	Chain	2016	3	3
A-41	6262.412	PLAS3	Fox Dens Gully can plastic buoy	4486	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	400	lb	Concrete		16	Chain	2016	3	3
A-41	6262.413	PLAS3	Fox Dens Gully can plastic buoy	4486	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal		0º 0' 0"	0º 0' 0"	400	lb	Concrete		16	Chain	2016	3	3
A-41	6262.420	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Rope	2015	1	3
A-41	6262.421	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Rope	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-41	6262.422	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2015	1	3
A-41	6262.423	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-41	6262.424	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Rope	2015	1	3
A-41	6262.425	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-41	6262.426	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-41	6262.427	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	400	lb	Concrete		16	Chain	2016	3	3
A-41	6262.428	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-41	6262.429	PLAS5	Fox Dens Gully conical plastic buoy	4486	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	400	lb	Concrete		16	Chain	2016	3	3
A-41	6262.430	PLAS5	Fox Dens Gully can plastic buoy	4486	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	400	lb	Concrete		16	Chain	2016	3	3
A-41	6262.431	PLAS5	Fox Dens Gully can plastic buoy	4486	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-41	6262.432	PLAS5	Fox Dens Gully can plastic buoy	4486	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete		16	Chain	2016	3	3
A-41	6262.433	PLAS5	Fox Dens Gully can plastic buoy	4486	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	400	lb	Concrete		16	Chain	2016	3	3
A-41	6262.434	PLAS5	Fox Dens Gully can plastic buoy	4486	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	400	lb	Concrete		16	Chain	2016	3	3
A-41	6272.190	EA22	Miscou Harbour buoy EA22	4913	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	47° 53' 2.2"	64° 33' 14.6"	200	lb	Concrete	0	16	Rope	2015	1	3
A-41	6272.210	EA23	Miscou Harbour buoy EA23	4913	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	47° 53' 14.2"	64° 33' 4.1"	200	lb	Concrete	0	16	Chain	2016	3	3
A-41	6272.220	EA26	Miscou Harbour buoy EA26	4913	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	47° 53' 1.9"	64° 32' 39.1"	200	lb	Concrete	0	16	Chain	2015	1	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-41	6272.230	EA27	Miscou Harbour buoy EA27	4913	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	47º 53' 8.2"	64º 32' 31.6"	100	lb	Concrete	0	16	Rope	2015	1	3
A-41	6272.240	EA28	Miscou Harbour buoy EA28	4913	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	47º 52' 58.7"	64º 32' 22.1"	200	lb	Concrete	0	16	Rope	2015	1	3
A-41	6272.250	EA29	Miscou Harbour buoy EA29	4913	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	47º 53' 1.2"	64º 32' 6.1"	200	lb	Concrete	0	16	Rope	2015	1	3
A-41	6272.260	EA31	Miscou Harbour buoy EA31	4913	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	47º 52' 58.7"	64º 31' 47.6"	200	lb	Concrete	0	16	Rope	2015	1	3
A-41	6272.270	EA34	Miscou Harbour buoy EA34	4913	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	47º 53' 1.2"	64º 31' 28.1"	200	lb	Concrete	0	16	Rope	2015	1	3
A-41	6272.280	EA35	Miscou Harbour buoy EA35	4913	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	47º 53' 16.2"	64º 31' 12.1"	200	lb	Concrete	0	16	Rope	2015	1	3
A-41	6272.290	EA37	Miscou Harbour buoy EA37	4913	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	47º 53' 15.2"	64º 30' 57.6"	200	lb	Concrete	0	16	Rope	2015	1	3
A-41	6272.300	EA39	Miscou Harbour buoy EA39	4913	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	47º 53' 14.2"	64º 31' 43.6"	200	lb	Concrete	0	16	Rope	2015	1	3
A-41	6273.100	EC1	Shippegan Flats East can buoy EC1	4913	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	2.70	47º 53' 39.2"	64º 38' 52.6"	1000	lb	Concrete	5	16	Chain	2015	3	3
A-41	6273.150	EC4	Shippegan Flats conical buoy EC4	4913	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	4.00	47º 53' 12.2"	64º 40' 6.4"	1000	lb	Concrete	8	16	Chain	2015	3	3
A-41	6291.100	EG27	Shippegan spar buoy EG27	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.40	47º 44' 54.2"	64º 42' .6"	400	lb	Concrete	4.8	16	Chain	2016	3	3
A-41	6291.200	EG29	Shippegan spar buoy EG29	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	47º 44' 50.2"	64º 41' 51.6"	400	lb	Concrete	10	16	Chain	2016	3	3
A-41	6291.300	EG30	Shippegan Channel spar buoy EG30	4920	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	47º 44' 44.2"	64º 41' 58.5"	400	lb	Concrete	11	16	Chain	2015	3	3
A-41	6312.600	EM17	Caraquet Harbour Can Buoy EM17	4913	Unlit	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	8.00	47º 48' 53.2"	64º 50' 45.6"	2500	lb	Concrete	27	22	Chain	2015	3	3
A-41	6318.600	EM34	Caraquet Harbour Con Buoy EM34	4920	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	8.00	47º 48' 7.1"	64º 55' 27.9"	800	lb	Concrete	16	16	Chain	2015	3	3
A-41	6320.600	EN6	Caraquet Harbour Conical Buoy EN6	4913	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	1.50	47º 48' 54.5"	64º 54' 22"	600	lb	Concrete	3	16	Chain	2016	3	3
A-41	6320.700	EN7	Caraquet Harbour Ottawa River Spar EN7	4913	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.50	47º 48' 57"	64º 54' 20"	400	lb	Concrete	3	16	Chain	2015	3	3
A-41	6320.800	EN10	Caraquet Harbour Ottawa River Spar EN10	4913	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.50	47º 48' 32"	64º 54' 16"	400	lb	Concrete	3	16	Chain	2016	3	3

Contract Area name:	Bathurst to Dalhousie
Contract Area no.:	A-42
Province(s):	New Brunswick
Contract Area Description:	Includes the area from Bathurst to Dalhousie, including Campbellton
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown
Commissioning date:	Varies, see comment
Decommissioning date:	December 15th
Total no. of buoys:	48
Max. buoy size(m) diameter :	2
Maximum anchor size (weight (kg)):	1818
Maximum buoy weight (kg) :	110
Maximum water depth (m) :	28
Operational Season:	See Comment
Overview of work activities:	5 buoys are 'Seasonal (in place year round)' and 43 buoys are 'seasonal'. 15 buoys are equipped with lanterns, 5 are removable. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
Comment:	Approximately 50% are commisisoned for April 15th, the remainder are commissioned for May 15th See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule The new contract for this area will start on July 2nd, 2016.

Contract Area name:	Bathurst to Dalhousie
Contract Area no.:	A-42

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts in this Contract area, both of which expire in 2016.

Bathurst	22 buoys
Restigouche River	26 buoys

The new contract will start on July 2, 2016 and include 127 buoys for contract period.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-42	1330.600	EP25	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1357	Extinguished / Éteinte	26/05/2011	3
A-42	1330.700	EP28	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1123	Extinguished / Éteinte	17/05/2012	3
A-42	1330.700	EP28	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1358	Extinguished / Éteinte	26/05/2011	3
A-42	1330.800	EP29	2.0m Mobilis Trackless	2.0m Mobilis Trackless	M1361	Extinguished / Éteinte	15/06/2012	2
A-42	1339.500	ES2	GDI 680N	GDI 680N	M1841	Extinguished / Éteinte	05/08/2013	3
A-42	1340.050	ET2	GDI 680N conique	GDI 680N Conical	M2585	Off Position / Hors Position	01/11/2012	3
A-42	1340.050	ET2	GDI 680N conique	GDI 680N Conical	M1924	Extinguished / Éteinte	13/07/2011	3
A-42	1343.200	EX2	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M3367	Off Position / Hors Position	04/12/2011	3
A-42	1343.200	EX2	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M588	Off Position / Hors Position	29/03/2010	3
A-42	1343.200	EX2	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M587	Off Position / Hors Position	29/03/2010	3
A-42	1343.200	EX2	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M122	Off Position / Hors Position	11/01/2009	3
A-42	1343.300	EX4	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1393	Extinguished / Éteinte	19/06/2012	3
A-42	1343.300	EX4	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2359	Partially Submerged / Partiellement Submergée	02/09/2010	3
A-42	1343.300	EX4	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2335	Partially Submerged / Partiellement Submergée	31/08/2010	3
A-42	1343.300	EX4	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2335	Extinguished / Éteinte	31/08/2010	3
A-42	1343.300	EX4	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2326	Extinguished / Éteinte	30/08/2010	3
A-42	1343.300	EX4	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2132	Partially Submerged / Partiellement Submergée	13/08/2010	3
A-42	1343.300	EX4	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1881	Partially Submerged / Partiellement Submergée	29/07/2009	3
A-42	1343.300	EX4	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M608	Off Position / Hors Position	06/04/2009	3
A-42	1343.300	EX4	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M123	Off Position / Hors Position	11/01/2009	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1367	Extinguished / Éteinte	27/05/2011	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1303	Extinguished / Éteinte	24/05/2011	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2877	Off Position / Hors Position	15/10/2010	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2874	Off Position / Hors Position	15/10/2010	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2334	Partially Submerged / Partiellement Submergée	31/08/2010	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2131	Partially Submerged / Partiellement Submergée	13/08/2010	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2131	Extinguished / Éteinte	13/08/2010	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2113	Partially Submerged / Partiellement Submergée	13/08/2010	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2342	Off Position / Hors Position	03/09/2009	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1882	Partially Submerged / Partiellement Submergée	29/07/2009	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1063	Extinguished / Éteinte	12/05/2009	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M596	Off Position / Hors Position	06/04/2009	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M357	Off Position / Hors Position	26/02/2009	3
A-42	1343.400	EX6	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M3332	Off Position / Hors Position	21/12/2008	3
A-42	1345.600	EX7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2123	Extinguished / Éteinte	27/08/2012	3
A-42	1345.600	EX7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1064		12/05/2009	3
A-42	1362.000	EV2	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1674	Extinguished / Éteinte	21/07/2013	3
A-42	1362.000	EV2	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1394	Extinguished / Éteinte	19/06/2012	3
A-42	1362.100	EY1	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M1726	Extinguished / Éteinte	24/07/2012	3
A-42	6332.200	EP32	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M2544	Off Position / Hors Position	03/09/2011	3
A-42	1336.800	EP65	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1359	Extinguished / Éteinte	26/05/2011	3
A-42	1336.800	EP65	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	1417	Extinguished / Éteinte	07/06/2010	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-42	6347.000	EV3	1.5m SB 98 plastique	1.5m SB 98 plastic	M2402	Off Position / Hors Position	30/09/2012	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-42	1330.400	EP10	Bathurst Entrance light buoy EP10	4920	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	5.00	47º 40' 27.09"	65º 36' 21.12"	1000	lb	Concrete	14	20	Chain	2016	3	3
A-42	1330.600	EP25	Bathurst Entrance light buoy EP25	4920	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	5.00	47º 39' 53"	65º 36' 44.4"	1000	lb	Concrete	14	20	Chain	2016	3	3
A-42	1330.700	EP28	Bathurst Entrance light buoy EP28	4920	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	5.00	47º 39' 30.7"	65º 37' 5.5"	1000	lb	Concrete	14	16	Chain	2016	3	3
A-42	1330.800	EP29	Bathurst Entrance light buoy EP29	4920	Night	2.0m MOBILIS TRACKLESS	110	Plastic	Green	Seasonal	5.00	47º 39' 17"	65º 37' 12.8"	1000	lb	Concrete	14	16	Chain	2016	3	2
A-42	1332.600	EP38	Bathurst Harbour light buoy EP38	4920	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	47º 38' 52"	65º 37' 59.9"	400	lb	Concrete	14	16	Chain	2016	3	3
A-42	1334.500	EP	Bathurst Harbour bifurcation light buoy EP	4920	Night	1.5m SB 98 plastic	261	Plastic	Red-green-red	Seasonal	5.00	47º 38' 1.9"	65º 39' 6.9"	1000	lb	Concrete	14	16	Chain	2016	3	3
A-42	1336.800	EP65	Bathurst Harbour light buoy EP65	4920	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	47º 36' 56"	65º 38' 30.6"	400	lb	Concrete	8	16	Chain	2016	3	3
A-42	1339.500	ES2	Petit-Rocher light buoy ES2	4920	Night	GDI 680N		Plastic	Red	Seasonal	10.00	47º 46' 55.19"	65º 42' 8.66"	1000	lb	Concrete	27	16	Chain	2016	3	3
A-42	1340.050	ET2	Pointe-Verte light buoy ET2	4486	Night	GDI 680N Conical		Plastic	Red	Seasonal	4.00	47º 51' 46.5"	65º 45' 24.96"	1000	lb	Concrete	18	16	Chain	2016	3	3
A-42	1343.200	EX2	Dalhousie Harbour light buoy EX2	4426	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Red	Seasonal (in place year round)	13.00	48º 4' 25.27"	66º 21' 25.85"	4000	lb	Stone	37	22	Chain	2016	3	3
A-42	1343.300	EX4	Dalhousie Harbour light buoy EX4	4426	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Red	Seasonal (in place year round)	12.00	48º 4' 25.37"	66º 21' 44.85"	4000	lb	Concrete	27.4	22	Chain	2016	3	3
A-42	1343.400	EX6	Dalhousie Harbour light buoy EX6	4426	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Red	Seasonal (in place year round)	9.00	48º 4' 25.47"	66º 21' 55.85"	4000	lb	Concrete	27.4	22	Chain	2016	3	3
A-42	1345.600	EX7	Dalhousie Harbour light buoy EX7	4426	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	3.00	48º 4' 16.17"	66º 23' 14.85"	2500	lb	Concrete	9	22	Chain	2016	3	3
A-42	1362.000	EV2	Banc Miguasha light buoy EV2	4426	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Red	Seasonal (in place year round)	28.00	48º 3' 24.17"	66º 18' 57.85"	4000	lb	Concrete	36	22	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-42	1362.100	EY1	Riviere Restigouche light buoy EY1	4426	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Green	Seasonal (in place year round)	5.00	48º 4' 12.17"	66º 21' 21.85"	3000	lb	Stone	10	22	Chain	2016	3	3
A-42	6332.200	EP32	Bathurst Harbour Conical Buoy EP32	4920	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.00	47º 39' 9.9"	65º 37' 35"	400	lb	Concrete	9	16	Chain	2016	3	3
A-42	6332.400	EP33	Bathurst Harbour Can Buoy EP33	4920	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	5.00	47º 39' 1.9"	65º 37' 47.5"	400	lb	Concrete	14	16	Chain	2016	3	3
A-42	6332.450	EP34	Bathurst Harbour Conical Buoy EP34	4920	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	4.00	47º 39' 4.1"	65º 37' 48.8"	400	lb	Concrete	9	16	Chain	2016	3	3
A-42	6332.550	EP39	Bathurst Harbour Can Buoy EP39	4920	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	5.00	47º 38' 41.9"	65º 38' 13.7"	400	lb	Concrete	14	16	Chain	2016	3	3
A-42	6332.650	EP40	Bathurst Harbour Conical Buoy EP40	4920	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.00	47º 38' 34.8"	65º 38' 29.7"	400	lb	Concrete	10	16	Chain	2016	3	3
A-42	6332.710	EP43	Bathurst Harbour Spar Buoy EP43	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	47º 38' 25.5"	65º 38' 40.8"	400	lb	Concrete	10	14	Chain	2016	3	3
A-42	6332.800	EP46	Bathurst Harbour Spar Buoy EP46	4920	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	47º 38' 16.2"	65º 38' 54.2"	400	lb	Concrete	10	16	Chain	2016	3	3
A-42	6334.100	EP51	Bathurst Harbour Spar Buoy EP51	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	47º 37' 58"	65º 39' 3.3"	400	lb	Concrete	10	16	Chain	2016	3	3
A-42	6334.120	EP54	Bathurst Harbour Spar Buoy EP54	4920	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	47º 37' 51.5"	65º 39' 1.8"	400	lb	Concrete	8	16	Chain	2016	3	3
A-42	6334.400	EP49	Bathurst Harbour Spar Buoy EP49	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	47º 38' 4.4"	65º 39' 2.6"	400	lb	Concrete	14	16	Chain	2016	3	3
A-42	6336.400	EP58	Bathurst Harbour Spar Buoy EP58	4920	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	47º 37' 36.3"	65º 38' 54.4"	400	lb	Concrete	9	16	Chain	2016	3	3
A-42	6336.600	EP61	Bathurst Harbour Spar Buoy EP61	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	47º 37' 23"	65º 38' 46.4"	400	lb	Concrete	14	16	Chain	2016	3	3
A-42	6336.750	EP63	Bathurst Harbour Spar Buoy EP63	4920	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	47º 37' 10.3"	65º 38' 38.9"	400	lb	Concrete	14	16	Chain	2016	3	3
A-42	6347.000	EV3	Middle Ground Buoy EV3	4426	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	11.00	48º 5' 2.17"	66º 21' 35.85"	1200	lb	Concrete	27.4	16	Chain	2015	3	3
A-42	6349.000	EV6	Baie d'Escuminac Spar Buoy EV6	4426	Unlit	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	10.00	48º 5' 36.17"	66º 25' 11.85"	1500	lb	Concrete	27.4	16	Chain	2015	3	3
A-42	6349.100	EV8	Restigouche River buoy EV8	4426	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	11.00	48º 5' 8.17"	66º 26' 39.85"	1500	lb	Concrete	22	16	Chain	2015	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-42	6350.000	EV9	Point La Nim Spar Buoy EV9	4426	Unlit	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	7.30	48° 4' 36.17"	66° 27' 45.85"	1500	lb	Concrete	27.4	16	Chain	2015	3	3
A-42	6352.500	EV39	Restigouche Spar Buoy EV39	4426	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	48° 1' 28.17"	66° 37' 57.85"	400	lb	Concrete	18.3	16	Chain	2015	3	3
A-42	6353.000	EV40	Traverse Spar Buoy EV40	4426	Unlit	GDI 680N		Plastic	Red	Seasonal	4.60	48° 1' 29.17"	66° 38' 4.85"	1500	lb	Concrete	18.3	16	Chain	2015	3	3
A-42	6353.100	EW2	Restigouche River EW2	4426	Unlit	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	8.00	48° 4' 51.17"	66° 22' 1.85"	1200	lb	Concrete	16	16	Chain	2015	3	3
A-42	6354.200	EV42	Restigouche River Spar EV42	4426	Unlit	GDI 680N		Plastic	Red	Seasonal	4.50	48° 1' 3.17"	66° 39' 9.85"	1200	lb	Concrete	13.7	16	Chain	2015	3	3
A-42	6357.000	EV29	Pointe au Chene Spar Buoy EV29	4426	Unlit	GDI 680N		Plastic	Green	Seasonal	5.00	48° 2' 24.17"	66° 36' 16.85"	1200	lb	Concrete	18.3	16	Chain	2015	3	3
A-42	6357.100	EV34	Restigouche River EV34	4426	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	48° 2' 8.17"	66° 37' 3.85"	400	lb	Concrete	10	16	Chain	2015	3	3
A-42	6357.500	EV30	Restigouche Spar Buoy EV30	4426	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.60	48° 2' 25.17"	66° 36' 18.85"	400	lb	Concrete	18.3	16	Chain	2015	3	3
A-42	6358.000	EV25	Pointe a la Batterie Spar Buoy EV25	4426	Unlit	GDI 680N		Plastic	Green	Seasonal	8.00	48° 2' 34.17"	66° 34' 35.85"	1000	lb	Concrete	18.3	22	Chain	2015	3	3
A-42	6359.000	EV20	Anse Busteed Spar Buoy EV20	4426	Unlit	GDI 680N		Plastic	Red	Seasonal	6.00	48° 3' 2.17"	66° 32' 57.85"	1200	lb	Concrete	18.3	16	Chain	2015	3	3
A-42	6359.100	EV14	Restigouche River EV14	4426	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	11.00	48° 3' 43.17"	66° 30' 46.85"	1500	lb	Concrete	27	16	Chain	2015	3	3
A-42	6359.500	EV17	Point a la Garde Spar Buoy EV17	4426	Unlit	GDI 680N		Plastic	Green	Seasonal	6.00	48° 3' 14.17"	66° 32' 11.85"	1000	lb	Concrete	18.3	16	Chain	2015	3	3
A-42	6359.600	EV18	Restigouche River buoy EV18	4426	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.00	48° 3' 15.67"	66° 32' 12.85"	400	lb	Concrete	3	16	Chain	2015	3	3
A-42	6359.700	EV21	Restigouche River EV21	4426	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	48° 2' 54.17"	66° 33' 15.85"	400	lb	Concrete	10	16	Chain	2015	3	3
A-42	6359.800	EV27	Restigouche River EV27	4426	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	48° 2' 28.17"	66° 35' 30.85"	400	lb	Concrete	10	16	Chain	2015	1	3
A-42	6360.000	EV16	Point a la Garde buoy EV16	4426	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	8.00	48° 3' 26.17"	66° 31' 29.85"	1000	lb	Concrete	27.4	16	Chain	0	3	3
A-42	6361.000	EV12	Baie d'Escuminac Spar Buoy EV12	4426	Unlit	GDI 680N		Plastic	Red	Seasonal	9.00	48° 4' 21.67"	66° 29' 15.85"	1500	lb	Concrete	27.4	16	Chain	0	3	3

Contract Area name:	Tignish to Cascumpeque		
Contract Area no.:	A-43		
Province(s):	New Brunswick		
Contract Area Description:	Includes the area from Tignish to Cascumpec.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown		
Commissioning date:	See Comment		
Decommissioning date:	See Comment		
Total no. of buoys:	35		
Max. buoy size(m) diameter :	1.22		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	130		
Maximum water depth (m) :	33		
Operational Season:	See Comment		
Overview of work activities:	All the buoys are 'seasonal'. 13 buoys are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	For 6 buoys at Tignish, operational dates are April 20th to November 15th For all other buoys, operational season is May 1st to Dcember 15th Local knowledge is required to place buoys in this contract, due to shifting channels . See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule		

Contract Area name:	Tignish to Cascumpeque
Contract Area no.:	A-43

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts in this Contract area, neither of which will extend beyond 2016.

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>			
Name	No. of buoys	Last option expiry year					
LL# 1075.05							
Currently managed by CCG	1	N/A					
Cascumpeque	28	2019**					
Tignish	6	2019**		<u>2016 to 2019 (or 2020 if option year exercised):</u>			
Total, 2016:	35					35 buoys	

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-43	1075.700	JV12	0.75m SB 105 conique	0.75m SB 105 Conical	M1403	Extinguished / Éteinte	24/06/2013	3
A-43	1075.700	JV12	0.75m SB 105 conique	0.75m SB 105 Conical	M1403	Extinguished / Éteinte	24/06/2013	3
A-43	1075.700	JV12	0.75m SB 105 conique	0.75m SB 105 Conical	M1402	Extinguished / Éteinte	24/06/2013	3
A-43	1075.600	JV15	GDI 680N	GDI 680N	M1458	Off Position / Hors Position	18/06/2009	3
A-43	1075.600	JV15	GDI 680N	GDI 680N	M714	Extinguished / Éteinte	21/04/2009	3
A-43	1075.340	JV7	GDI 680N	GDI 680N	M741	Extinguished / Éteinte	15/04/2010	3
A-43	1075.200	JV4	GDI 680N	GDI 680N	M701	Off Position / Hors Position	16/04/2012	3
A-43	1075.200	JV4	GDI 680N	GDI 680N	M2289	Extinguished / Éteinte	25/08/2010	3
A-43	1075.300	JV5	GDI 420	GDI 420	M703	Extinguished / Éteinte	16/04/2012	3
A-43	1075.300	JV5	GDI 420	GDI 420	M2806	Off Position / Hors Position	07/10/2010	3
A-43	1075.300	JV5	GDI 420	GDI 420	M740	Extinguished / Éteinte	15/04/2010	3
A-43	1075.300	JV5	GDI 420	GDI 420	M2484	Off Position / Hors Position	16/09/2009	3
A-43	1075.320	JV8	GDI 680N	GDI 680N	M1843	Extinguished / Éteinte	06/08/2013	3
A-43	1075.320	JV8	GDI 680N	GDI 680N	M2807	Off Position / Hors Position	07/10/2010	3
A-43	1075.320	JV8	GDI 680N	GDI 680N	M715	Extinguished / Éteinte	21/04/2009	3
A-43	1084.530	JX7	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1037	Extinguished / Éteinte	22/05/2013	3
A-43	1084.530	JX7	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2293	Off Position / Hors Position	24/09/2013	3
A-43	1084.540	JX9	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1023	Extinguished / Éteinte	08/05/2012	3
A-43	1075.500	JV10	GDI 680N	GDI 680N	M2808	Off Position / Hors Position	07/10/2010	3
A-43	1075.050	JV	GDI 1.22m plate	GDI 1.22m Can	M2362	Extinguished / Éteinte	03/10/2013	2
A-43	1075.050	JV	GDI 1.22m plate	GDI 1.22m Can	M1923	Extinguished / Éteinte	16/08/2013	2
A-43	6075.960	JVA	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2887	Off Position / Hors Position	07/10/2011	3
A-43	1075.330	JV6	GDI 680N	GDI 680N	M3004	Off Position / Hors Position	23/10/2011	3
A-43	1075.400	JV9	GDI 680N	GDI 680N	M1301	Off Position / Hors Position	24/05/2011	3
A-43	1075.400	JV9	GDI 680N	GDI 680N	M1015	Extinguished / Éteinte	05/05/2011	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-43	1075.050	JV	Cascumpeque Harbour light buoy JV	4492	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	12.00	46° 47' 44.26"	63° 59' 38.21"	2500	lb	Serrated	40	20	Chain	2016	3	2
A-43	1075.200	JV4	Cascumpeque light buoy JV4	4492	Night	GDI 680N		Plastic	Red	Seasonal	3.00	46° 48' 12.4"	64° 0' 47"	800	lb	Concrete	9	16	Chain	2016	3	3
A-43	1075.300	JV5	Cascumpeque light buoy JV5	4492	Night	GDI 420		Plastic	Green	Seasonal	5.00	46° 48' 7.62"	64° 0' 51.6"	800	lb	Concrete	14.6	16	Chain	2016	3	3
A-43	1075.320	JV8	Cascumpeque light buoy JV8	4492	Night	GDI 680N		Plastic	Red	Seasonal	3.50	46° 48' 15.7"	64° 1' 20.7"	800	lb	Concrete	7.6	16	Chain	2016	3	3
A-43	1075.330	JV6	Cascumpeque light buoy JV6	4492	Night	GDI 680N		Plastic	Red	Seasonal	3.00	46° 48' 13.2"	64° 1' 5.7"	800	lb	Concrete	16.6	16	Chain	2016	3	3
A-43	1075.340	JV7	Cascumpeque light buoy JV7	4492	Night	GDI 680N		Plastic	Green	Seasonal	3.00	46° 48' 7.8"	64° 1' 8.2"	800	lb	Concrete	12	16	Chain	2016	3	3
A-43	1075.400	JV9	Cascumpeque light buoy JV9	4492	Night	GDI 680N		Plastic	Green	Seasonal	6.00	46° 48' 8.46"	64° 1' 37.56"	800	lb	Concrete	9	16	Chain	2016	3	3
A-43	1075.500	JV10	Alberton Harbour light buoy JV10	4492	Night	GDI 680N		Plastic	Red	Seasonal	3.60	46° 48' 12.93"	64° 1' 55.422"	600	lb	Concrete	6.1	16	Chain	2016	3	3
A-43	1075.600	JV15	Alberton Harbour middle ground light buoy JV15	4492	Night	GDI 680N		Plastic	Green	Seasonal	2.00	46° 48' .6"	64° 2' 31.8"	400	lb	Concrete	9	16	Chain	2016	3	3
A-43	1075.700	JV12	Alberton Harbour light buoy JV12	4492	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	10.10	46° 47' 47.2"	64° 3' 17.8"	600		Stone	13.7	16	Chain	2016	3	3
A-43	1084.520	JX5	Tignish Inner light buoy JX5	4023	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal		46° 57' 9.3"	63° 59' 55.08"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-43	1084.530	JX7	Tignish Inner light buoy JX7	4023	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal		46° 57' 12.6"	63° 59' 58.26"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-43	1084.540	JX9	Tignish Inner light buoy JX9	4023	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal		46° 57' 12"	64° 0' 9.24"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-43	6075.850	JV16	Alberton (Berry Head) Conical JV16	4492	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	46° 47' 7.26"	64° 3' 13.21"	400	lb	Concrete	9.6	16	Chain	2016	3	3
A-43	6075.900	JV18	Cascumpeque Bay Conical Buoy JV18	4492	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	46° 45' 51.26"	64° 3' 7.71"	200	lb	Concrete	6	16	Chain	2016	3	3
A-43	6075.910	JV21	Poudre Point Can Buoy JV21	4492	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	46° 45' 2.26"	64° 4' 25.71"	200	lb	Concrete	6	16	Chain	2016	3	3
A-43	6075.920	JV22	Gordon Point Buoy JV22	4492	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	46° 44' 44.26"	64° 4' .21"	200	lb	Concrete	4	16	Chain	2016	3	3
A-43	6075.931	JVK	Kildare River yellow cautionary buoy JVK	4492	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Yellow	Seasonal	1.00	46° 48' 18.26"	64° 2' 21.71"	400	lb	Concrete	4	16	Chain	2016	3	3
A-43	6075.940	JVC2	Alberton Harbour Conical Buoy JVC2	4492	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	1.00	46° 48' 1.76"	64° 2' 56.21"	400	lb	Concrete	4	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-43	6075.951	PLAS6	Cascumpeque can plastic buoy	4492	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.952	PLAS6	Cascumpeque can plastic buoy	4492	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.953	PLAS6	Cascumpeque can plastic buoy	4492	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.954	PLAS6	Cascumpeque can plastic buoy	4492	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.955	PLAS6	Cascumpeque can plastic buoy	4492	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.956	PLAS6	Cascumpeque can plastic buoy	4492	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.957	PLAS6	Cascumpeque conical plastic buoy	4492	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.958	PLAS6	Cascumpeque conical plastic buoy	4492	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.959	PLAS6	Cascumpeque conical plastic buoy	4492	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.960	JVA	Cascumpeque Starboard Bifurcation Buoy JVA	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red-green-red	Seasonal				200	lb	Concrete	5.5	16	Chain	2016	3	3
A-43	6075.961	PLAS6	Cascumpeque conical plastic buoy	4492	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6075.962	PLAS6	Cascumpeque conical plastic buoy	4492	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3
A-43	6084.510	JX3	Tignish Inner spar buoy JX3	4023	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal		46° 57' 6.54"	63° 59' 54.66"	400	lb	Concrete	6.7	16	Chain	2016	3	2
A-43	6084.550	JX11	Tignish Inner spar buoy JX11	4023	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal		46° 57' 9.3"	64° 0' 9.9"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-43	6084.560	JX13	Tignish Inner spar buoy JX13	N/A	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal				400	lb	Concrete	6.7	16	Chain	2016	3	3
A-43	6075.950	PLAS6	Cascumpeque conical plastic buoy	4492	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Chain	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Conway Inlet to Malpeque Darnley
Contract Area no.:	A-44
Province(s):	P.E.I
Contract Area Description:	Includes the area from Conway Inlet to Malpeque Darnley.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown
Commissioning date:	See Comment
Decommissioning date:	December 15th
Total no. of buoys:	91 total: 78 with 13 uncharted.
Max. buoy size(m) diameter :	1.5
Maximum anchor size (weight (kg)):	1136
Maximum buoy weight (kg) :	261
Maximum water depth (m) :	17
Operational Season:	See Comment
Overview of work activities:	All the buoys are 'seasonal'. 31 buoys are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
Comment:	This area includes 22 stakes at Conway Inlet Commissioning date for 25 buoys at Malpeque Darnley, is May 1st; for all others May 15th. At Malpeque Darnley, the following 6 buoys must be inspected on a monthly basis during the operational season: Light Buoy JU6, Plas2 - Red, and Plas3 - Green . Local knowledge is required to place stakes and buoys in this contract, due to shifting channels . See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule

Contract Area name:	Conway Inlet to Malpeque Darnley
Contract Area no.:	A-44

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 3 current contracts included in this contract area, as follows:

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>				
Name	No. of buoys	Last option expiry year							
Port Hill	16		2015						
Malpeque / Darnley	37		2015		<u>2015-2016:</u>		53 buoys		
<i>Total, 2015:</i>	<i>53</i>								
Conway Inlet	38		2019*		<u>2016 to 2019 (or</u>				
<i>Additional sub-total, 2016:</i>	<i>38</i>				<u>2020 if option</u>		91 buoys**		
					<u>year exercised):</u>				

* Option years after July 2016 on existing contracts are not being exercised by Coast Guard
 ** Conway Inlet includes 22 stakes in addition to 38 buoys.

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-44	1071.420	JS4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2080	Off Position / Hors Position	05/09/2013	3
A-44	6071.470	JS6	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2616	Off Position / Hors Position	17/09/2010	3
A-44	6071.470	JS6	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2615	Off Position / Hors Position	17/09/2010	3
A-44	1069.500	JU3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1057	Extinguished / Éteinte	24/05/2013	3
A-44	1069.500	JU3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2275	Extinguished / Éteinte	24/09/2013	3
A-44	1069.500	JU3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2245	Off Position / Hors Position	11/09/2012	3
A-44	1069.500	JU3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1113	Not Reliable / pas fiable	07/05/2010	3
A-44	1069.650	JU5	1.5m SB 98 plastique	1.5m SB 98 plastic	M1302	Extinguished / Éteinte	24/05/2011	3
A-44	1069.650	JU5	1.5m SB 98 plastique	1.5m SB 98 plastic	M915	Extinguished / Éteinte	04/05/2009	3
A-44	1069.700	JU7	1.5m SB 98 plastique	1.5m SB 98 plastic	M2276	Off Position / Hors Position	24/09/2013	3
A-44	6065.300	JP4	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M2519	Off Position / Hors Position	21/09/2009	3
A-44	6065.300	JP4	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M2255	Off Position / Hors Position	28/08/2009	3
A-44	6065.300	JP4	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M1199	Off Position / Hors Position	21/05/2009	3
A-44	6065.800	JP12	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M1114	Off Position / Hors Position	07/05/2010	3
A-44	6075.120	JY7	0.8m SB 75 plate plastique	0.8m SB 75 Can plastic	M1282	Off Position / Hors Position	01/06/2009	3
A-44	1065.600	JP9	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M914	Extinguished / Éteinte	04/05/2009	3
A-44	1065.050	JP	GDI 1.22m plate	GDI 1.22m Can	M1471	Extinguished / Éteinte	30/06/2013	2
A-44	1071.390	JS2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1750	Off Position / Hors Position	29/07/2013	3
A-44	1071.961	JS22	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M907	Extinguished / Éteinte	26/04/2010	3
A-44	1071.977	JS27	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M994	Extinguished / Éteinte	17/05/2013	3
A-44	1071.100	JT4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M941	Extinguished / Éteinte	05/05/2009	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
Buoys included in contract from July 2015																						
A-44	6074.270	JY19	Port Hill spar buoy JY19	4491	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	0.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	12	16	Chain	2016	3	3
A-44	6075.100	JY2	Port Hill buoy JY2	4491	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	4.00	46º 33' 23.71"	63º 46' 51.69"	400	lb	Concrete	9	16	Chain	2016	3	3
A-44	6075.110	JY4	Port Hill red conical buoy JY4	4491	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	4.00	46º 34' .21"	63º 47' 34.69"	400	lb	Concrete	9	16	Chain	2016	3	3
A-44	6075.120	JY7	Port Hill green can buoy JY7	4491	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	4.00	46º 35' 7.21"	63º 49' 38.69"	400	lb	Concrete	9	16	Chain	2016	3	3
A-44	6075.130	JY8	Port Hill red conical buoy JY8	4491	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	12.00	46º 35' 24.21"	63º 49' 59.69"	400	lb	Concrete	27	16	Chain	2016	3	3
A-44	6075.140	JY13	PORT HILL GREEN SPAR JY13	4491	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.80	0º 0' 0"	0º 0' 0"	200	lb	Concrete	19.6	16	Chain	2016	3	3
A-44	6075.150	JY12	PORT HILL RED SPAR JY12	4491	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.60	0º 0' 0"	0º 0' 0"	200	lb	Concrete	17.2	16	Chain	2016	3	3
A-44	6075.160	JY15	PORT HILL GREEN SPAR JY15	4491	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	14.8	16	Chain	2016	3	3
A-44	6075.170	JY16	PORT HILL JY16	4491	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	10.8	16	Chain	2016	3	3
A-44	6075.180	JY17	PORT HILL SPAR JY17	4491	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.60	0º 0' 0"	0º 0' 0"	200	lb	Concrete	17.2	16	Chain	2016	3	3
A-44	6075.190	JY18	PORT HILL SPAR JY18	4491	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	14.8	16	Chain	2016	3	3
A-44	6075.240	JY23	PORT HILL GREEN SPAR JY23	4491	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	12	16	Chain	2016	3	3
A-44	6075.250	JY24	PORT HILL RED SPAR JY24	4491	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	12	16	Chain	2016	3	3
A-44	6075.280	JY20	PORT HILL SPAR JY20	4491	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	16	16	Chain	2016	3	3
A-44	6075.290	JY21	PORT HILL SPAR JY21	4491	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	10.8	16	Chain	2016	3	3
A-44	6075.310	JY22	Port Hill Spar JY22	4491	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.80	0º 0' 0"	0º 0' 0"	200	lb	Concrete	13.6	16	Chain	2016	3	3
A-44	1065.050	JP	Malpeque Harbour light buoy JP	4491	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	17.00	46º 35' .21"	63º 37' 7.69"	2500	lb	Serrated	40	20	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-44	1065.500	JP6	Malpeque West Entrance light buoy JP6	4491	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	46° 34' 30.702"	63° 39' 9.624"	600	lb	Concrete	27	16	Chain	2016	3	3
A-44	1065.600	JP9	Royalty Point light buoyJP9	4491	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	46° 33' 48.21"	63° 43' .69"	400		Concrete	18	16	Chain	2016	3	3
A-44	1069.500	JU3	Darnley Basin Outer light buoy JU3	4491	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	46° 33' 43.21"	63° 41' 29.69"	400	lb	Concrete	6.1	16	Chain	2016	3	3
A-44	1069.650	JU5	Darnley Basin light buoy JU5	4491	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	6.00	46° 33' 48.3"	63° 41' 46.2"	400	lb	Concrete	18	20	Chain	2016	3	3
A-44	1069.660	JU6	Darnley Basin light buoy JU6	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.80	46° 33' 20.04"	63° 41' 15.12"	400	lb	Concrete		16	Chain	2016	3	2
A-44	1069.700	JU7	Darnley Basin light buoy JU7	4491	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	3.00	46° 33' 20.21"	63° 41' 16.69"	300	lb	Concrete	6	20	Chain	2016	3	3
A-44	1069.800	JU8	Darnley Basin light buoy JU8	4491	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	3.00	46° 33' 19.21"	63° 41' 42.69"	300	lb	Concrete	6	20	Chain	2016	3	3
A-44	1069.900	JU9	Darnley Basin light buoy JU9	4491	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	2.00	46° 33' 21.21"	63° 41' 57.69"	300	lb	Concrete	6	20	Chain	2016	3	3
A-44	1071.100	JT4	Darnley Basin light buoy JT4	4491	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	46° 32' 18.21"	63° 40' 12.69"	400	lb	Concrete	7.6	20	Chain	2016	3	3
A-44	6065.130	PLAS5	Malpeque-Darnley can plastic buoy	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 31' 57.21"	63° 39' 46.69"	200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6065.131	PLAS5	Malpeque-Darnley can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6065.132	PLAS5	Malpeque-Darnley can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6065.133	PLAS5	Malpeque-Darnley can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6065.134	PLAS5	Malpeque-Darnley can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6065.140	PLAS 4	Malpeque-Darnley conical plastic buoy	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46° 31' 57.21"	63° 39' 46.69"	200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6065.141	PLAS4	Malpeque-Darnley conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6065.142	PLAS4	Malpeque-Darnley conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6065.143	PLAS4	Malpeque-Darnley conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6065.300	JP4	Malpeque Harbour red conical buoy JP4	4491	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.00	46° 34' 10.152"	63° 38' 25.6322"	600	lb	Concrete	12	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-44	6065.400	JP5	Malpeque Harbour green spar buoy JP5	4491	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	46° 34' 12.21"	63° 40' 3.69"	300	lb	Concrete	23	16	Chain	2016	3	3
A-44	6065.700	JP10	Malpeque Harbour red conical buoy JP10	4491	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.00	46° 33' 40.21"	63° 43' 51.69"	200	lb	Concrete	11	16	Chain	2016	3	3
A-44	6065.800	JP12	Horseshoe Shoals conical buoy JP12	4491	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	5.00	46° 33' 22.21"	63° 44' 37.69"	200	lb	Concrete	14	16	Chain	2016	3	3
A-44	6065.900	JP15	Grover Island can buoy JP15	4491	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	4.00	46° 32' 45.21"	63° 45' 29.69"	200	lb	Concrete	9	16	Chain	2016	3	3
A-44	6069.850	JU5/5	Darnley Basin green buoy JU5/5	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	46° 33' 22.21"	63° 41' 9.69"	200	lb	Concrete	6	16	Rope	2016	3	3
A-44	6069.860	PLAS1	Malpeque-Darnley Red Plastic Buoy PLAS1	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	46° 33' 34.38"	63° 41' 32.28"	400	lb	Concrete		16	Chain	2016	3	2
A-44	6069.870	PLAS1	Malpeque-Darnley Red Plastic Buoy PLAS1	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	46° 33' 38.34"	63° 41' 36.6"	400	lb	Concrete		16	Chain	2016	3	2
A-44	6069.880	PLAS1	Malpeque-Darnley Green Plastic Buoy PLAS1	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	46° 33' 42.78"	63° 41' 32.76"	400	lb	Concrete		16	Chain	2016	3	2
A-44	6069.890	PLAS1	Malpeque-Darnley Green Plastic Buoy PLAS1	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	46° 33' 40.44"	63° 41' 33.6"	400	lb	Concrete		16	Chain	2016	3	2
A-44	6071.000	JT6	Darnley Basin conical buoy JT6	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46° 32' .21"	63° 40' 6.69"	200	lb	Concrete	6	16	Rope	2016	3	3
A-44	6071.210	PLAS3	Malpeque-Darnley R Plastic	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	46° 33' 32.21"	63° 41' 8.69"	400	lb	Concrete	4	16	Chain	2016	3	3
A-44	6071.310	PLAS3	Malpeque-Darnley R Plastic	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	46° 33' 32.21"	63° 41' 8.69"	400	lb	Concrete	4	16	Chain	2016	3	3
A-44	6071.400	PLAS1	Malpeque-Darnley green plastic PLAS1	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 33' 33.21"	63° 41' 4.69"	200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6071.505	PLAS1	Malpeque-Darnley green plastic PLAS1	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 33' 34.71"	63° 41' 6.19"	200	lb	Concrete	4	16	Chain	2016	3	3
A-44	6072.100	PLAS3	Malpeque-Darnley G Plastic	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 33' 34.21"	63° 41' 9.69"	400	lb	Concrete	4	16	Chain	2016	3	3
A-44	6072.200	PLAS3	Malpeque-Darnley G Plastic	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 33' 34.21"	63° 41' 9.69"	400	lb	Concrete	4	16	Chain	2016	3	3
A-44	6072.300	PLAS3	Malpeque-Darnley G Plastic	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46° 33' 34.21"	63° 41' 9.69"	400	lb	Concrete	4	16	Rope	2016	3	3
Buoys included in contract from July 2016																						
A-44	1071.350	JS	Conway Inlet light buoy JS	4491	Night	0.6m SB 60 Spar Can PI		Plastic	Red-white	Seasonal	6.00	46° 39' 8.16"	63° 50' 51.3"	400	lb	Concrete	18.3	20	Chain	2016	3	2
A-44	1071.390	JS2	Conway Inlet light buoy JS2	4491	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.40	46° 39' 10.2"	63° 51' 19.7"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-44	1071.410	JS3	Conway Inlet light buoy JS3	4491	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	46° 39' 9.3"	63° 51' 18.7"	400	lb	Concrete	9.1	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-44	1071.420	JS4	Conway Inlet light buoy JS4	4491	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	46º 39' 9.5"	63º 51' 34.7"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-44	1071.450	JS5	Conway Inlet light buoy JS5	4491	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	46º 39' 8.2"	63º 51' 34.5"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-44	1071.500	JS7	Conway Inlet light buoy JS7	4491	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	46º 39' 5.9"	63º 51' 48.2"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.520	JS8	Conway Inlet light buoy JS8	4491	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.30	46º 39' 6.5"	63º 51' 56.8"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.890	JS12	Conway Inlet light buoy JS12	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.60	46º 39' 5.2"	63º 52' 7.8"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.900	JS13	Conway Inlet light buoy JS13	4491	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.90	46º 39' 3.9"	63º 52' 16"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.950	JS14	Conway Inlet light buoy JS14	4491	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.50	46º 39' 5.3"	63º 52' 16.8"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.960	JS21	Conway Inlet light buoy JS21	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.50	46º 39' 28.32"	63º 52' 34.38"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.961	JS22	Conway Inlet light buoy JS22	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.70	46º 39' 29.6"	63º 52' 49.7"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.962	JS23	Conway Inlet light buoy JS23	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.80	46º 39' 36.18"	63º 52' 57.3"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.963	JS24	Conway Inlet light buoy JS24	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.90	46º 39' 37.3"	63º 52' 55.6"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.977	JS27	Conway Inlet light buoy JS27	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.10	46º 39' 43.8"	63º 53' 5.7"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.980	JS32	Conway Inlet light buoy JS32	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.10	46º 39' 37.68"	63º 53' 29.28"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1071.990	JS33	Conway Inlet light buoy JS33	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.50	46º 39' 36.66"	63º 53' 44.52"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1072.100	JS39	Conway Inlet light buoy JS39	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.40	46º 39' 24.54"	63º 53' 46.26"	400	lb	Concrete	6.7	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-44	1072.400	JS42	Conway Inlet light buoy JS42	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.50	46º 39' 22.38"	63º 53' 58.98"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1072.500	JS43	Conway Inlet light buoy JS43	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.00	46º 39' 20.88"	63º 54' 26.58"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	1072.600	JS44	Conway Inlet light buoy JS44	4491	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.00	46º 39' 21.48"	63º 54' 26.58"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6071.470	JS6	Conway Inlet spar buoy JS6	4491	Unlit	0.3m Spar- Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.20	46º 39' 7.5"	63º 51' 48.6"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6071.490	JS9	Conway Inlet spar buoy JS9	4491	Unlit	0.3m Spar Can- Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46º 39' 4.9"	63º 51' 56.5"	400	lb	Concrete	14	16	Chain	2016	3	3
A-44	6071.500	JS11	Conway Inlet spar buoy JS11	4491	Unlit	0.3m Spar Can- Plastic (ORT)	65	Plastic	Green	Seasonal	4.20	46º 39' 3.6"	63º 52' 7.7"	400	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.410	JS15	Conway Inlet plastic can buoy JS15	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	46º 39' 11.7"	63º 52' 27.6"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.420	JS16	Conway Inlet plastic conical buoy JS16	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.80	46º 39' 12.6"	63º 52' 26"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.430	JS17	Conway Inlet plastic can buoy JS17	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.50	46º 39' 18.6"	63º 52' 37.8"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.440	JS18	Conway Inlet plastic conical buoy JS18	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.40	46º 39' 18.6"	63º 52' 35.3"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.460	JS20	Conway Inlet plastic conical buoy JS20	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.80	46º 39' 26"	63º 52' 45.9"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.480	JS26	Conway Inlet plastic conical buoy JS26	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.20	46º 39' 41.7"	63º 53' .6"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.482	JS28	Conway Inlet plastic conical buoy JS28	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.30	46º 39' 44.9"	63º 53' 5.9"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.510	JS29	Conway Inlet plastic can buoy JS29	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.10	46º 39' 37.98"	63º 53' 17.22"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.520	JS30	Conway Inlet plastic conical buoy JS30	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	46º 39' 41.58"	63º 53' 18.12"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.521	JS31	Conway Inlet plastic can buoy JS31	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.50	46º 39' 36.42"	63º 53' 28.38"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.530	JS34	Conway Inlet plastic conical buoy JS34	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46º 39' 37.2"	63º 53' 45.42"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.540	JS35	Conway Inlet plastic can buoy JS35	4491	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 39' 31.5"	63º 53' 45.7"	200	lb	Concrete	6.7	16	Chain	2016	3	3
A-44	6072.550	JS36	Conway Inlet plastic conical buoy JS36	4491	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	46º 39' 31.7"	63º 53' 46.3"	200	lb	Concrete	6.7	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-44	6072.590	JS40	Conway Inlet buoy JS40	4491	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.60	46° 39' 25.38"	63° 53' 47.4"	400	lb	Concrete	6.7	16	Chain	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	New London & Rustico		
Contract Area no.:	A-45		
Province(s):	P.E.I		
Contract Area Description:	Includes the area between New London and Rustico		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown, PE		
Commissioning date:	May 1st		
Decommissioning date:	December 15th		
Total no. of buoys:	98		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	261		
Maximum water depth (m) :	11		
Operational Season:	May 1st to December 15th		
Overview of work activities:	All the buoys are 'seasonal' and unlit. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule For all areas, local knowledge is required to place the buoys in channels not shown on marine charts.		

Contract Area name:	New London & Rustico
Contract Area no.:	A-45

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts in this Contract area, neither of which will extend beyond 2016.

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>			
Name		No. of buoys	Last option expiry year					
<i>LL# 1046.81</i>								
Currently managed by CCG		1	N/A					
New London / French River		57	2019**					
Rustico		40	2019**					
Total, 2016:		98				2016 to 2019 (or 2020 if option year exercised):	98 buoys	

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-45	1054.100	JK3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2639	Off Position / Hors Position	12/09/2011	3
A-45	6060.500	JN2	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1184	Off Position / Hors Position	16/05/2011	3
A-45	1054.000	JK	GDI 1.22m plate	GDI 1.22m Can	M2797	Extinguished / Éteinte	06/10/2010	2
A-45	1054.300	JK7	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1705	Extinguished / Éteinte	23/07/2013	3
A-45	1054.600	JK12	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1832	Off Position / Hors Position	02/08/2013	3
A-45	1058.000	JM	GDI 1.22m plate	GDI 1.22m Can	M3342	Off Position / Hors Position	01/12/2011	2
A-45	1058.000	JM	GDI 1.22m plate	GDI 1.22m Can	M3076	Off Position / Hors Position	12/11/2010	2
A-45	1058.000	JM	GDI 1.22m plate	GDI 1.22m Can	M1890	Extinguished / Éteinte	29/07/2009	2
A-45	1058.000	JM	GDI 1.22m plate	GDI 1.22m Can	M789		28/04/2009	2
A-45	1060.200	JN	1.5m SB 98 plastique	1.5m SB 98 plastic	M934	Extinguished / Éteinte	05/05/2009	3
A-45	1060.300	JMA	1.5m SB 98 plastique	1.5m SB 98 plastic	M3077	Off Position / Hors Position	12/11/2010	3
A-45	1060.300	JMA	1.5m SB 98 plastique	1.5m SB 98 plastic	M1912		23/07/2010	3
A-45	1060.300	JMA	1.5m SB 98 plastique	1.5m SB 98 plastic	M2791	Off Position / Hors Position	13/10/2009	3
A-45	1060.400	JM20	1.5m SB 98 plastique	1.5m SB 98 plastic	M1280	Extinguished / Éteinte	06/06/2012	3
A-45	1060.800	JN7	1.5m SB 98 plastique	1.5m SB 98 plastic	M1111	Extinguished / Éteinte	29/05/2013	3
A-45	1060.800	JN7	1.5m SB 98 plastique	1.5m SB 98 plastic	M2257	Extinguished / Éteinte	20/08/2010	3
A-45	1060.800	JN7	1.5m SB 98 plastique	1.5m SB 98 plastic	M1707	Off Position / Hors Position	09/07/2009	3
A-45	6060.250	JM4	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M2116	Off Position / Hors Position	06/09/2013	3
A-45	6060.250	JM4	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M1279	Off Position / Hors Position	06/06/2012	3
A-45	6060.250	JM4	0.8m SB 75 conique plastique	0.8m SB 75 Conical plastic	M2182	Off Position / Hors Position	04/09/2012	3
A-45	6060.350	JM5	0.8m SB 75 plate plastique	0.8m SB 75 Can plastic	M2183	Off Position / Hors Position	04/09/2012	3
A-45	1060.450	JM6	1.5m SB 98 plastique	1.5m SB 98 plastic	M2222	Off Position / Hors Position	18/09/2013	3
A-45	1060.450	JM6	1.5m SB 98 plastique	1.5m SB 98 plastic	M1233	Extinguished / Éteinte	18/05/2011	3
A-45	1060.450	JM6	1.5m SB 98 plastique	1.5m SB 98 plastic	M2945	Off Position / Hors Position	25/10/2010	3
A-45	1060.450	JM6	1.5m SB 98 plastique	1.5m SB 98 plastic	M2839	Off Position / Hors Position	19/10/2009	3
A-45	1060.600	JN4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2184	Extinguished / Éteinte	04/09/2012	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-45	1060.600	JN4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1150		13/05/2011	3
A-45	1060.600	JN4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M790	Extinguished / Éteinte	28/04/2009	3
A-45	1060.570	JN3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1149	Off Position / Hors Position	13/05/2011	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-45	1054.000	JK	North Rustico light buoy JK	4467	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	11.00	46º 27' 54"	63º 16' 30"	2500	lb	Serrated	40	20	Chain	2016	3	2
A45	6054.619	PLAS10	Rustico can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.511	PLAS10	Rustico conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.512	PLAS10	Rustico conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.513	PLAS10	Rustico conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.514	PLAS10	Rustico conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.515	PLAS10	Rustico conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.516	PLAS10	Rustico conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.517	PLAS10	Rustico conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.518	PLAS10	Rustico conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.519	PLAS10	Rustico conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.611	PLAS10	Rustico can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.612	PLAS10	Rustico can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.613	PLAS10	Rustico can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.614	PLAS10	Rustico can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.615	PLAS10	Rustico can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.616	PLAS10	Rustico can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.617	PLAS10	Rustico can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.618	PLAS10	Rustico can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Chain	4.5	16	Rope	2016	3	3
A-45	1054.100	JK3	North Rustico light buoy JK3	4467	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	46º 27' 21"	63º 17' 3.1"	400	lb	Concrete	13.7	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-45	1054.110	JK4	North Rustico light buoy JK4	4467	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	46º 27' 19.9"	63º 17' 7.9"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-45	1054.300	JK7	Rustico Harbour light buoy JK7	4467	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	46º 27' 25"	63º 17' 18"	400	lb	Concrete	5	16	Chain	2016	3	3
A-45	1054.400	JK9	Rustico light buoy JK9	4467	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.50	46º 27' 24.21"	63º 17' 11.78"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-45	1054.600	JK12	Rustico light buoy JK12	4467	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.50	46º 27' 17.21"	63º 17' 26.08"	400	lb	Concrete	4.5	16	Chain	2016	3	3
A-45	1054.900	JK13	Rustico Harbour light buoy JK13	4467	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.50	46º 27' 20.21"	63º 17' 54.78"	400	lb	Concrete	5	16	Chain	2016	3	3
A-45	1058.000	JM	New London light buoy JM	4467	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	9.00	46º 31' 41.1"	63º 28' 18"	600	lb	Concrete	40	22	Chain	2016	3	2
A-45	1060.100	JM7	Southwest River Outer light buoy JM7	4467	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	5.50	46º 30' 59.25"	63º 28' 54.8"	600	lb	Concrete	18.2	20	Chain	2016	3	3
A-45	1060.200	JN	Southwest River bifurcation light buoy JN	4467	Night	1.5m SB 98 plastic	261	Plastic	Green-red-green	Seasonal	3.70	46º 30' 42.1"	63º 28' 57.9"	600	lb	Concrete	12.2	20	Chain	2016	3	3
A-45	1060.300	JMA	Southwest River bifurcation light buoy JMA	4467	Night	1.5m SB 98 plastic	261	Plastic	Red-green-red	Seasonal	4.60	46º 30' 23.01"	63º 29' 24.78"	600	lb	Concrete	6.1	20	Chain	2016	3	3
A-45	1060.400	JM20	Southwest River light buoy JM20	4467	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	4.60	46º 29' 50.71"	63º 29' 25.48"	1000	lb	Concrete	13.7	20	Chain	2016	3	3
A-45	1060.450	JM6	New London light buoy JM6	4467	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	2.40	46º 30' 59.71"	63º 28' 55.78"	800	lb	Concrete	12	20	Chain	2016	3	3
A-45	1060.500	JM25	Southwest River light buoy JM25	4467	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	3.70	46º 29' 3.21"	63º 29' 52.78"	600	lb	Concrete	10.7	20	Chain	2016	3	3
A-45	1060.550	JN1	Southwest River light buoy JN1	4467	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	3.00	46º 30' 36.7"	63º 28' 58.6"	600	lb	Concrete	9	20	Chain	2016	3	3
A-45	1060.570	JN3	New London light buoy JN3	4467	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.40	46º 30' 31.68"	63º 28' 41.42"	400	lb	Concrete	7.3	16	Chain	2016	3	3
A-45	1060.600	JN4	Southwest River light buoy JN4	4467	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	46º 30' 20.21"	63º 28' 16.28"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-45	1060.800	JN7	Stanley Bridge Channel light buoy JN7	4467	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	4.60	46º 29' 50.71"	63º 27' 46.78"	800	lb	Concrete	13.7	20	Chain	2016	3	3
A-45	1060.900	JN15	Stanley Bridge Channel light buoy JN15	4467	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	2.40	46º 28' 55.71"	63º 27' 29.78"	600	lb	Concrete	7.6	20	Chain	2016	3	3
A-45	6054.110	JK3/5	North Rustico Green Spar Buoy JK3/5	4467	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.10	46º 27' 21.4"	63º 17' 10.7"	400	lb	Concrete	4.3	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-45	6054.230	JK5	North Rustico plastic buoy JK5	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	46º 27' 28.21"	63º 17' 5.28"	200	lb	Concrete	9.1	16	Chain	2016	3	3
A-45	6054.240	JK6	North Rustico Red Spar Buoy JK6	4467	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.10	46º 27' 23.4"	63º 17' 11.3"	400	lb	Concrete	4.3	16	Chain	2016	3	3
A-45	6054.410	JK11	North Rustico plastic buoy JK11	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	46º 27' 14.91"	63º 17' 23.78"	200	lb	Concrete	6.1	16	Chain	2016	3	3
A-45	6054.510	PLAS10	Rustico conical plastic buoy	4467	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46º 27' 20.21"	63º 18' 15.78"	100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.610	PLAS10	Rustico can plastic buoy	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46º 27' 6"	63º 18' 15.78"	100	lb	Concrete	4.5	16	Rope	2016	3	3
A-45	6054.620	PLAS6	Rustico Plastic Can Buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6054.621	PLAS6	Rustico Plastic Can Buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6054.622	PLAS6	Rustico Plastic Can Buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6054.623	PLAS6	Rustico Plastic Can Buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6054.624	PLAS6	Rustico Plastic Can Buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6054.625	PLAS6	Rustico Plastic Can Buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6054.626	PLAS2	Rustico Plastic Conical Buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6054.627	PLAS2	Rustico Plastic Conical Buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6056.100	PLAS1	Rustico plastic can buoy	UNCHA RT	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200		Concrete		16	Rope	2016	3	3
A-45	6056.200	PLAS1	Rustico plastic conical buoy	UNCHA RT	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200		Concrete		16	Rope	2016	3	3
A-45	6060.250	JM4	New London Harbour conical buoy JM4	4467	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	4.60	46º 31' 12.21"	63º 28' 46.78"	800	lb	Concrete	13.7	16	Chain	2016	3	3
A-45	6060.350	JM5	New London Harbour can buoy JM5	4467	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	2.40	46º 31' 11.71"	63º 28' 42.78"	300	lb	Concrete	12.2	16	Chain	2016	3	3
A-45	6060.500	JN2	New London buoy JN2	4467	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80	46º 30' 30.8"	63º 28' 38.6"	200	lb	Concrete	5.4	16	Rope	2016	3	3
A-45	6060.560	JM13	New London Harbour can buoy JM13	4467	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	2.40	46º 30' 27.21"	63º 29' 14.78"	250	lb	Concrete	9.1	16	Chain	2016	3	3
A-45	6060.700	JN6	New London Bay plastic buoy JN6	4467	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46º 30' 5.21"	63º 28' 8.28"	200	lb	Concrete	9.1	16	Rope	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-45	6060.850	JN5	New London Bay plastic buoy JN5	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46° 30' 22.61"	63° 28' 12.78"	200	lb	Concrete	9.1	16	Rope	2016	3	3
A-45	6060.860	JN5/5	New London Bay plastic buoy JN5/5	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	46° 30' 6.21"	63° 28' 1.08"	200	lb	Concrete	10.9	16	Rope	2016	3	3
A-45	6060.910	JN20	New London Bay Stanley River JN20	4467	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	46° 28' 3.91"	63° 27' 28.58"	100	lb	Concrete	7.6	16	Rope	2016	3	3
A-45	6060.920	JN21	New London Bay Stanley River JN21	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	46° 28' .21"	63° 27' 24.78"	100	lb	Concrete	7.6	16	Rope	2016	3	3
A-45	6060.940	JN23	Stanley Bridge green can buoy JN23	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	46° 27' 55.31"	63° 27' 30.18"	200	lb	Concrete	7.3	16	Rope	2016	3	3
A-45	6063.930	PLAS	New London - French River can plastic buoy	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.931	PLAS6	New London - French River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.932	PLAS6	New London - French River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.933	PLAS6	New London - French River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.934	PLAS6	New London - French River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.935	PLAS6	New London - French River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.936	PLAS6	New London - French River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.940	PLAS	New London-French River conical plastic buoy	4467	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	0.00	0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.941	PLAS6	New London-French River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.942	PLAS6	New London-French River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.943	PLAS6	New London-French River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.944	PLAS6	New London-French River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.945	PLAS6	New London-French River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.946	PLAS6	New London-French River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.950	PLAS 6	New London - Southwest River can plastic buoy	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.951	PLAS6	New London - Southwest River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-45	6063.952	PLAS6	New London - Southwest River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.953	PLAS6	New London-Southwest River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.954	PLAS6	New London - Southwest River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.955	PLAS6	New London - Southwest River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.956	PLAS2	New London - Southwest River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.957	PLAS2	New London - Southwest River can plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.960	PLAS5	New London - Southwest River conical plastic buoy	4467	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0º 0' 0"	0º 0' 0"	200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.961	PLAS5	New London - Southwest River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.962	PLAS5	New London-Southwest River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Chain		16	Rope	2016	3	3
A-45	6063.963	PLAS5	New London-Southwest River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.964	PLAS5	New London-Southwest River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.965	PLAS2	New London-Southwest River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.966	PLAS2	New London-Southwest River conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Chain		16	Rope	2016	3	3
A-45	6063.970	PLAS1	New London Bay can buoy PLAS1	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	46º 30' 26.72"	63º 28' 29.79"	200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.980	PLAS1	New London Bay conical buoy PLAS1	4467	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.40	46º 30' 25.3"	63º 28' 31.02"	200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.981	PLAS 1	New London Bay plastic can buoy PLAS 1	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80			200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.982	PLAS 1	New London Bay plastic conical buoy PLAS 1	4467	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80			200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.983	PLAS 1	New London Bay plastic can buoy PLAS 1	4467	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80			200	lb	Concrete		16	Rope	2016	3	3
A-45	6063.984	PLAS 1	New London Bay plastic conical buoy PLAS 1	4467	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.80			200	lb	Concrete		16	Rope	2016	3	ç

Contract Area name:	Covehead and Tracadie		
Contract Area no.:	A-46		
Province(s):	P.E.I		
Contract Area Description:	Includes the area between Covehead and Tracadie		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown		
Commissioning date:	May 1st		
Decommissioning date:	December 15th		
Total no. of buoys:	38 total, 1 is uncharted		
Max. buoy size(m) diameter :	1.22		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	130		
Maximum water depth (m) :	13		
Operational Season:	May 1st to December 15th		
Overview of work activities:	All the buoys are 'seasonal' and 19 buoys are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule For all areas, local knowledge is required to place the buoys in channels not shown on marine charts.		

Contract Area name:	Covehead and Tracadie
Contract Area no.:	A-46

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts in this Contract area, neither of which will extend beyond 2016.

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>			
Name	No. of buoys	Last option expiry year						
LL# 1047.51, LL# 1050.05								
Currently managed by CCG	2	N/A						
Covehead	8	2019**						
Grand Tracadie	28	2019**			<u>2016 to 2019 (or 2020 if option year exercised):</u>		38 buoys	
Total, 2016:	38							

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-46	1050.100	JJ3	GDI 0.9m plate	GDI 0.9m Can	M1535	Extinguished / Éteinte	08/07/2013	2
A-46	1050.300	JJ7	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1565	Off Position / Hors Position	13/06/2011	3
A-46	1050.120	JJ4	GDI 0.9m conique	GDI 0.9m Conical	M1368	Off Position / Hors Position	15/06/2012	3
A-46	1050.500	JJ8	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1247	Off Position / Hors Position	19/05/2010	3
A-46	1050.050	JJ	GDI 1.22m plate	GDI 1.22m Can	M2728	Off Position / Hors Position	20/09/2011	2
A-46	1050.050	JJ	GDI 1.22m plate	GDI 1.22m Can	M2632	Off Position / Hors Position	12/09/2011	2
A-46	1050.050	JJ	GDI 1.22m plate	GDI 1.22m Can	M985	Extinguished / Éteinte	02/05/2011	2
A-46	1050.200	JJ6	GDI 680N	GDI 680N	M2857		04/10/2011	3
A-46	1050.200	JJ6	GDI 680N	GDI 680N	M1369	Off Position / Hors Position	15/06/2012	3
A-46	1050.200	JJ6	GDI 680N	GDI 680N	M2633	Off Position / Hors Position	12/09/2011	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-46	1050.050	JJ	Covehead light buoy JJ	4425	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	13.00	46° 26' 54.21"	63° 8' 18.65"	2500	lb	Serrated	40	20	Chain	2016	3	2
A-46	1049.090	JH5	Grand Tracadie light buoy JH5	4425	Night	GDI 0.9m Can		Plastic	Green	Seasonal	4.60	46° 25' 28.2"	63° 2' 15.62"	200	lb	Concrete	12.2	16	Chain	2016	3	2
A-46	1049.100	JH6	Grand Tracadie light buoy JH6	4425	Night	0.75m Plastic Conical (SB75		Plastic	Red	Seasonal	2.40	46° 25' 16.2"	63° 2' 26.62"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-46	1049.120	JH7/5	Grand Tracadie light buoy JH7/5	4425	Night	0.75m Plastic Can (SB75)		Plastic	Green	Seasonal		46° 24' 54"	63° 2' 23.4"	200	lb	Concrete	9	16	Chain	2016	3	3
A-46	1049.130	JH7/7	Grand Tracadie light buoy JH7/7	4425	Night	GDI 0.9m Can		Plastic	Green	Seasonal	5.50	46° 24' 59.4"	63° 2' 24"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-46	1049.200	JH9	Grand Tracadie Outer light buoy JH9	4425	Night	0.75m SB 105 Can	52	Plastic	Green	Seasonal	2.40	46° 24' 49.2"	63° 2' 25.8"	400	lb	Concrete	10.7	16	Chain	2016	3	3
A-46	1049.210	JH10	Grand Tracadie light buoy JH10	4425	Night	0.75m Plastic Conical (SB75		Plastic	Red	Seasonal		46° 24' 56.4"	63° 2' 25.8"	400	lb	Concrete	9	16	Rope	2016	3	3
A-46	1049.400	JH16	Grand Tracadie Harbour Entrance light buoy JH16	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46° 24' 36.2"	63° 2' 14.62"	400	lb	Concrete	7.3	16	Rope	2016	3	3
A-46	1049.500	JH18	Grand Tracadie Harbour East light buoy JH18	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46° 24' 38.2"	63° 1' 49.62"	400	lb	Concrete	9.1	16	Rope	2016	3	3
A-46	1049.600	JH21	Grand Tracadie Harbour South light buoy JH21	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.40	46° 24' 22.7"	63° 1' 39.62"	400	lb	Concrete	9.1	16	Rope	2016	3	3
A-46	1050.100	JJ3	Covehead Harbour light buoy JJ3	4425	Night	GDI 0.9m Can		Plastic	Green	Seasonal	4.90	46° 26' 7.86"	63° 8' 36.72"	600	lb	Concrete	9.1	16	Chain	2016	3	2
A-46	1050.120	JJ4	Covehead Harbour light buoy JJ4	4425	Night	GDI 0.9m Conical		Plastic	Red	Seasonal	4.90	46° 26' 8.46"	63° 8' 39.18"	600	lb	Concrete	9.1	16	Chain	2016	3	3
A-46	1050.130	JJ5	Covehead Harbour light buoy JJ5	4425	Night	GDI 420		Plastic	Green	Seasonal	2.70	46° 26' 2.94"	63° 8' 39"	600	lb	Concrete	9.1	16	Chain	2016	3	3
A-46	1050.200	JJ6	Covehead Harbour light buoy JJ6	4425	Night	GDI 680N		Plastic	Red	Seasonal	1.40	46° 26' 1.98"	63° 8' 43.08"	600	lb	Concrete	9.1	16	Chain	2016	3	3
A-46	1050.300	JJ7	Covehead Harbour light buoy JJ7	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.40	46° 25' 55.32"	63° 8' 44.34"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-46	1050.500	JJ8	Covehead Harbour light buoy JJ8	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.40	46° 25' 55.68"	63° 8' 45.36"	400	lb	Concrete	9.1	16	Chain	2016	3	3
A-46	1050.900	JJ9	Covehead Harbour light buoy JJ9	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.00	46° 25' 51"	63° 8' 45.78"	400	lb	Concrete	9.1	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-46	1050.910	JJ10	Covehead Harbour light buoy JJ10	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.00	46° 25' 50.82"	63° 8' 47.1"	400	lb	Concrete	9.1	16	Chain	2016	3	2
A-46	6049.150	JH7	Grand Tracadie green can buoy JH7	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.40	46° 25' 6.2"	63° 2' 22.62"	200	lb	Concrete	9.1	16	Chain	2016	3	3
A-46	6049.160	JH8	Grand Tracadie plastic buoy JH8	4425	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	7.60	46° 25' 3.2"	63° 2' 27.62"	200	lb	Concrete	15.2	To Be Fixed	Chain	2016	3	3
A-46	6049.166	JHA	Grand Tracadie port bifurcation JHA	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green-red-green	Seasonal		46° 24' 35.4"	63° 2' 13.8"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.170	JH11	Grand Tracadie plastic can buoy JH11	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 24' 43.2"	63° 2' 23.62"	200	lb	Concrete	9.1	16	Rope	2016	3	3
A-46	6049.180	JH13	Grand Tracadie plastic can buoy JH13	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 24' 42.2"	63° 2' 21.62"	200	lb	Concrete	9.1	16	Rope	2016	3	3
A-46	6049.185	JH15	Grand Tracadie Can Buoy JH15	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 24' 28.8"	63° 1' 47.4"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.186	JH17	Grand Tracadie Can Buoy JH17	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 24' 27.6"	63° 1' 41.4"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.187	JHA4	Grand Tracadie conical buoy JHA4	4425	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46° 24' 45.6"	63° 0' 29.4"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.190	JHA3	Grand Tracadie Can Buoy JHA3	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 24' 21"	62° 59' 57"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.205	JHA6	Grand Tracadie conical buoy JHA6	4425	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46° 22' 58.2"	63° 0' 13.2"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.215	JHA5	Grand Tracadie Can Buoy JHA5	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 22' 57"	63° 0' 30"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.220	JHA7	Grand Tracadie Can Buoy JHA7	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 24' 37.8"	63° 0' 16.2"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.230	JHA9	Grand Tracadie Can Buoy JHA9	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 24' 29.4"	63° 0' 7.8"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.240	JHA11	Grand Tracadie can buoy JHA11	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.260	JHA1	Grand Tracadie can buoy JHA1	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46° 24' 42"	63° 0' 55.8"	200	lb	Concrete	6	16	Rope	2016	3	3
A-46	6049.270	JHA2	Grand Tracadie conical buoy JHA2	4425	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46° 24' 36.6"	63° 1' 27.6"	200	lb	Concrete	6	16	Rope	2016	3	3
A-46	6049.280	JH9/1	Grand Tracadie green can buoy JH9/1	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 24' 43.2"	63° 2' 25.2"	200	lb	Concrete	9	16	Rope	2016	3	3
A-46	6049.290	JHA8	Grand Tracadie red conical buoy JHA8	4425	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46° 24' 45.6"	63° 0' 40.2"	200	lb	Concrete	9	16	Rope	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-46	6049.300	JHA10	Grand Tracadie red conical buoy JHA10	4425	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.50	46º 22' 35.4"	63º 0' 11.4"	200	lb	Concrete	9	16	Rope	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Savage Harbour & St. Peters Harbour
Contract Area no.:	A-47
Province(s):	P.E.I
Contract Area Description:	Includes the area between Savage Harbour and St. Peters Harbour
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor
Coast Guard Depot:	Charlottetown
Commissioning date:	May 1st
Decommissioning date:	December 15th
Total no. of buoys:	28
Max. buoy size(m) diameter :	1.22
Maximum anchor size (weight (kg)):	1136
Maximum buoy weight (kg) :	130
Maximum water depth (m) :	9
Operational Season:	May 1st to December 15th
Overview of work activities:	All the buoys are 'seasonal' ; 3 buoys are equipped with lanterns Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.
Comment:	See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule For all areas, local knowledge is required to place the buoys in channels not shown on marine charts.

Contract Area name:	Savage Harbour & St. Peters Harbour
Contract Area no.:	A-47

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts in this Contract area, neither of which will extend beyond 2016.

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>				
Name	No. of buoys	Last option expiry year							
LL# 1046.81									
Currently managed by CCG	1			N/A					
Savage Harbour	13			2019**					
St. Peter's Harbour	14			2019**					
Total, 2016:	28				2016 to 2019 (or 2020 if option year exercised):	28 buoys			

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-47	1046.060	JD12	GDI 0.9m conique	GDI 0.9m Conical	M2040	Off Position / Hors Position	03/09/2013	3
A-47	1046.060	JD12	GDI 0.9m conique	GDI 0.9m Conical	M2596	Not Reliable / pas fiable	15/09/2010	3
A-47	1046.040	JD9.5	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1339	Off Position / Hors Position	17/06/2013	3
A-47	1046.040	JD9.5	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1127	Off Position / Hors Position	18/05/2012	3
A-47	1046.050	JD11	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1251	Extinguished / Éteinte	07/06/2013	3
A-47	1046.050	JD11	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1106	Extinguished / Éteinte	16/05/2012	3
A-47	1046.100	JD13	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M797	Extinguished / Éteinte	01/05/2013	3
A-47	1046.100	JD13	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2083	Off Position / Hors Position	22/08/2012	3
A-47	1046.300	JD21	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1181	Extinguished / Éteinte	24/05/2012	3
A-47	1047.100	JE15	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1842	Extinguished / Éteinte	06/08/2013	2
A-47	1047.200	JE16	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M796	Extinguished / Éteinte	01/05/2013	3
A-47	1044.300	JD8	GDI 0.9m conique	GDI 0.9m Conical	M1211	Off Position / Hors Position	14/05/2010	3
A-47	1044.300	JD8	GDI 0.9m conique	GDI 0.9m Conical	M2339	Off Position / Hors Position	03/09/2009	3
A-47	1044.300	JD8	GDI 0.9m conique	GDI 0.9m Conical	M1582	Showing Improper Character / Caractéristiques Inexactes	30/06/2009	3
A-47	1044.400	JD9	GDI 0.9m plate	GDI 0.9m Can	M1999	Extinguished / Éteinte	27/08/2013	3
A-47	1044.400	JD9	GDI 0.9m plate	GDI 0.9m Can	M1510	Extinguished / Éteinte	05/07/2013	3
A-47	1044.400	JD9	GDI 0.9m plate	GDI 0.9m Can	M1512	Off Position / Hors Position	05/07/2013	3
A-47	1044.400	JD9	GDI 0.9m plate	GDI 0.9m Can	M2407	Extinguished / Éteinte	01/10/2012	3
A-47	1044.400	JD9	GDI 0.9m plate	GDI 0.9m Can	M2358	Off Position / Hors Position	21/09/2012	3
A-47	1044.400	JD9	GDI 0.9m plate	GDI 0.9m Can	M1464	Extinguished / Éteinte	26/06/2012	3
A-47	1043.100	JD	GDI 1.22m plate	GDI 1.22m Can	M1852	Extinguished / Éteinte	20/07/2010	2
A-47	1044.100	JD5	GDI 0.9m plate	GDI 0.9m Can	M1509	Extinguished / Éteinte	05/07/2013	3
A-47	1044.100	JD5	GDI 0.9m plate	GDI 0.9m Can	M1960	Off Position / Hors Position	18/07/2011	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-47	1044.100	JD5	GDI 0.9m plate	GDI 0.9m Can	M2694	Off Position / Hors Position	28/09/2010	3
A-47	1046.200	JD18	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M996	Extinguished / Éteinte	03/05/2011	3
A-47	1047.060	JE17	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2264	Extinguished / Éteinte	13/09/2012	3
A-47	1044.500	JD10	GDI 0.9m conique	GDI 0.9m Conical	M2260	Extinguished / Éteinte	11/08/2011	2
A-47	1044.500	JD10	GDI 0.9m conique	GDI 0.9m Conical	M2588		15/09/2010	2
A-47	1044.500	JD10	GDI 0.9m conique	GDI 0.9m Conical	M1574	Off Position / Hors Position	22/06/2010	2
A-47	6046.700	JD23	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2181	Off Position / Hors Position	04/09/2012	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-47	1046.810	JE	Savage Harbour light buoy JE	4425	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	9.00	46° 26' 46.2"	62° 49' 29.62"	2500	lb	Serrated	40	20	Chain	2016	3	2
A-47	1043.100	JD	St. Peters Harbour light buoy JD	4425	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	5.50	46° 27' 9.19"	62° 44' 21.61"	1250	lb	Serrated	18.3	20	Chain	2016	3	2
A-47	1044.100	JD5	St. Peters Harbour light buoy JD5	4425	Night	GDI 0.9m Can		Plastic	Green	Seasonal	5.00	46° 27' .19"	62° 44' 10.61"	1000	lb	Concrete	15	16	Chain	2016	3	3
A-47	1044.200	JD6	St. Peters Harbour light buoy JD6	4425	Night	GDI 0.9m Conical		Plastic	Red	Seasonal	4.00	46° 26' 58.19"	62° 44' 24.61"	1000	lb	Concrete	15	16	Chain	2016	3	3
A-47	1044.300	JD8	St. Peters Harbour light buoy JD8	4425	Night	GDI 680N		Plastic	Red	Seasonal	3.30	46° 26' 51.69"	62° 44' 18.61"	1000	lb	Concrete	15	16	Chain	2016	3	3
A-47	1044.400	JD9	St. Peters Harbour light buoy JD9	4425	Night	GDI 0.9m Can		Plastic	Green	Seasonal	2.40	46° 26' 48.19"	62° 44' 17.61"	1000	lb	Concrete	15	16	Chain	2016	3	3
A-47	1044.500	JD10	St. Peters Harbour light buoy JD10	4425	Night	GDI 680N		Plastic	Red	Seasonal	3.00	46° 26' 45.19"	62° 44' 18.61"	1000	lb	Concrete	15	16	Chain	2016	3	2
A-47	1046.040	JD9.5	St. Peters Harbour light buoy JD9.5	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	4.00	46° 26' 42.19"	62° 44' 14.61"	800	lb	Concrete	13.7	16	Chain	2016	3	3
A-47	1046.050	JD11	St. Peters Harbour light buoy JD11	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.70	46° 26' 39.19"	62° 44' 12.11"	1000	lb	Concrete	15.2	16	Chain	2016	3	3
A-47	1046.060	JD12	St. Peters Harbour light buoy JD12	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	46° 26' 24.6"	62° 44' 7.8"	1000	lb	Concrete	7.6	16	Chain	2016	3	3
A-47	1046.100	JD13	St. Peters Bay light buoy JD13	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	4.30	46° 26' 35.19"	62° 43' 52.61"	1000	lb	Concrete	15.2	16	Chain	2016	3	3
A-47	1046.150	JD16	St. Peters Harbour light buoy JD16	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.70	46° 26' 31.19"	62° 43' 29.61"	1000	lb	Concrete	9.1	16	Chain	2016	3	3
A-47	1046.200	JD18	St. Peters Bay light buoy JD18	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.00	46° 26' 26.69"	62° 43' 17.61"	1000	lb	Concrete	15.2	16	Chain	2016	3	3
A-47	1046.300	JD21	St. Peters Bay light buoy JD21	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	46° 26' 7.19"	62° 42' 50.61"	1000	lb	Concrete	15.2	16	Chain	2016	3	3
A-47	1047.010	JE6	Savage Harbour light buoyJE6	4425	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	46° 26' 10.2"	62° 49' 53.62"	600		Concrete	11	14	Chain	2016	3	3
A-47	1047.011	JE7/1	Savage Habour light buoy JE7/1	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	4.30	46° 25' 49.62"	62° 50' .6"	600	lb	Concrete	9.1	14	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-47	1047.020	JE8	Savage Harbour light buoy JE8	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.70	46° 25' 58.44"	62° 49' 58.86"	600	lb	Concrete	11	14	Chain	2016	3	3
A-47	1047.021	JE8/2	Savage Harbour light buoy JE8/2	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal		46° 25' 47.4"	62° 50' 1.44"	600	lb	Concrete	4.6	14	Chain	2016	3	3
A-47	1047.028	JE9	Savage Harbour light buoy JE9	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.50	46° 25' 44.46"	62° 50' 4.98"	600	lb	Concrete	4.5	14	Chain	2016	3	3
A-47	1047.030	JE10	Savage Harbour Entrance light buoy JE10	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	0.90	46° 25' 46.08"	62° 50' 3.3"	600	lb	Concrete	2.7	14	Chain	2016	3	3
A-47	1047.040	JE12	Savage Harbour light buoyJE12	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal		46° 25' 49.7"	62° 50' 12.5"	600		Stone	6.1	14	Chain	2016	3	3
A-47	1047.051	JE14	Savage Harbour light buoy JE14	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal		46° 25' 50"	62° 50' 4.4"	600	lb	Stone	6.1	14	Chain	2016	3	3
A-47	1047.060	JE17	Savage Harbour light buoyJE17	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal		46° 25' 45.2"	62° 50' 13.4"	600		Stone	6.1	14	Chain	2016	3	3
A-47	1047.100	JE15	Savage Harbour light buoy JE15	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	46° 25' 49.2"	62° 50' 8.62"	600	lb	Concrete	7.6	14	Chain	2016	3	3
A-47	1047.200	JE16	Savage Harbour light buoy JE16	4425	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46° 25' 39.2"	62° 50' 15.62"	600	lb	Concrete	7.6	14	Chain	2016	3	3
A-47	6046.700	JD23	St. Peters Harbour buoy JD23	4425	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.40	46° 26' 6.6"	62° 42' 37.8"	800	lb	Concrete	13.7	16	Chain	2016	3	3
A-47	6046.920	JE7	Savage Harbour green can buoy JE7	4425	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.10	46° 26' 9.2"	62° 49' 48.62"	600	lb	Concrete	7.6	14	Chain	2016	3	3
A-47	6046.950	JE13/5	Savage Harbour green can buoy JE13/5	4425	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 25' 45"	62° 50' 10.08"	600	lb	Concrete	3	14	Chain	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	East Point
Contract Area no.:	A-48
Province(s):	P.E.I
Contract Area Description:	Includes eastern end of the north shore of PE
Coast Guard Depot:	Charlottetown
Commissioning date:	May 1st
Decommissioning date:	December 15th
Total no. of buoys:	2
Max. buoy size(m) diameter :	1.22
Maximum anchor size (weight (kg)):	1136
Maximum buoy weight (kg) :	130
Maximum water depth (m) :	13
Operational Season:	May 1st to December 15th
Overview of work activities:	Both buoys are 'seasonal' and equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.

The contract for this area will start in July 2015, in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-48	1038.500	JA	GDI 1.22m plate	GDI 1.22m Can	M3032	Off Position / Hors Position	25/10/2011	2
A-48	1038.500	JA	GDI 1.22m plate	GDI 1.22m Can	M1549	Extinguished / Éteinte	19/06/2010	2
A-48	1038.500	JA	GDI 1.22m plate	GDI 1.22m Can	M1034	Extinguished / Éteinte	02/05/2010	2
A-48	1038.500	JA	GDI 1.22m plate	GDI 1.22m Can	M1042	Extinguished / Éteinte	11/05/2009	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-48	1038.500	JA	North Lake Harbour light buoy JA	4023	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	13.00	46º 28' 56.24"	62º 3' 27.56"	2500	lb	Serrated	40	20	Chain	2016	3	2
A-48	1040.050	JC	Naufrage Harbour light buoy JC	4023	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	13.00	46º 29' .24"	62º 24' 40.56"	2500	lb	Serrated	40	20	Chain	2016	3	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Souris, Fortune and Howe Bay	
Contract Area no.:	A-49	
Province(s):	P.E.I	
Contract Area Description:	Includes the area from Souris to Bay Fortune	
Material Transportation & Storage	Material storage by: Contractor Off season lantern storage by: Contractor	Material Transportation by: Canadian Coast Guard
Coast Guard Depot:	Charlottetown	
Commissioning date:	May 1st	
Decommissioning date:	December 15th	
Total no. of buoys:	26	
Max. buoy size(m) diameter :	1.5	
Maximum anchor size (weight (kg)):	1136	
Maximum buoy weight (kg) :	261	
Maximum water depth (m) :	11	
Operational Season:	May 1st to December 15th	
Overview of work activities:	All the buoys are 'seasonal' ; 3 are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.	
Comment:	This area includes 30 stakes at Souris. See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule For all areas, local knowledge is required to place the buoys in channels not shown on marine charts. The new contract for this area will start on July 2nd, 2016.	

Contract Area name:	Souris, Fortune and Howe Bay
Contract Area no.:	A-49

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts in this Contract area, neither of which will extend beyond 2016.

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>
Name	No. of buoys	Last option expiry year	
Bay Fortune	22	2019*	<u>2016 to 2019 (or 2020 if option year exercised):</u> 26 buoys**
Souris	4	2019*	
Total, 2016:	26		

* Option years after July 2016 on existing contracts are not being exercised by Coast Guard

** At Souris, there are 30 stakes in addition to the 4 buoys.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-49	948.050	NC1	1.5m SB 98 plastique	1.5m SB 98 plastic	M2000	Extinguished / Éteinte	10/08/2009	3
A-49	948.200	NC8	1.5m SB 98 plastique	1.5m SB 98 plastic	M1046	Extinguished / Éteinte	03/05/2010	3
A-49	5946.110	NA5	0.8m SB 75 plate plastique	0.8m SB 75 Can plastic	M2634	Off Position / Hors Position	30/09/2009	3
A-49	5946.120	NA11	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2374	Off Position / Hors Position	24/09/2012	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-49	948.050	NC1	Rollo Bay light buoy NC1	4403	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	11.00	46º 19' 24.19"	62º 19' 27.66"	2500	lb	Serrated	27	22	Chain	2016	3	3
A-49	948.100	NC6	Fortune Bay Entrance light buoy NC6	4403	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	2.00	46º 19' 42"	62º 20' 24"	600	lb	Concrete	8	16	Chain	2016	3	3
A-49	948.200	NC8	Fortune Bay Entrance light buoy NC8	4403	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	2.00	46º 19' 42"	62º 20' 42"	600	lb	Concrete	8	20	Chain	2016	3	3
A-49	5946.110	NA5	Souris East buoy NA5	4419	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	4.00	46º 20' 56.04"	62º 15' 4.26"	400	lb	Concrete	14	16	Chain	2016	3	3
A-49	5946.120	NA11	Souris West Bar buoy NA11	4419	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	46º 20' 51.57"	62º 16' 24.68"	200	lb	Concrete	4	16	Chain	2016	3	3
A-49	5946.130	NA13	Souris West Channel buoy NA13	4419	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	46º 20' 54.57"	62º 16' 30.18"	200	lb	Concrete	3	16	Chain	2016	3	3
A-49	5946.140	NA10	Souris West Harbour buoy NA10	4419	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	46º 20' 54.07"	62º 16' 24.68"	200	lb	Concrete	4	16	Chain	2016	3	3
A-49	5948.060	NC2	Bay Fortune Plastic BuoyNC2	4403	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	12.00	46º 19' 48.19"	62º 20' 3.66"	400	lb	Concrete	27	14	Chain	2016	3	3
A-49	5948.400	NC10	Fortune Bay BuoyNC10	4403	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.00	46º 19' 48.19"	62º 21' 3.66"	200	lb	Concrete	9	16	Rope	2016	3	3

Contract Area name:	Annandale to Cape Bear		
Contract Area no.:	A-50		
Province(s):	P.E.I		
Contract Area Description:	Includes the area between Annandale and Cape Bear, including Cardigan, Georgetown and Cardigan.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown		
Commissioning date:	May 1st		
Decommissioning date:	December 15th		
Total no. of buoys:	54		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	1363		
Maximum buoy weight (kg) :	261		
Maximum water depth (m) :	20		
Operational Season:	May 1st to December 15th		
Overview of work activities:	1 buoy is 'year round', 3 are 'Seasonal (in place year round)' and 49 are 'seasonal'. 3 buoys have removable lanterns. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	This area includes 9 stakes at Georgetown See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule For all areas, local knowledge is required to place stakes and buoys in shifting channels.		

Contract Area name:	Annandale to Cape Bear
Contract Area no.:	A-50

Transitioning from current contract structure and schedule to new contract structure and schedule

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>		
Name	No. of buoys		Last option expiry year				
Upper Cardigan	19		2015				
Total, 2015:	19				2015 - 2016:	19 buoys	
Eastern Northumberland Strait	13		2019*				
Georgetown	14		2019*				
Grand River East	8		2019*				
Additional sub-total, 2016:	35				2016 to 2019 (or 2020 if option year exercised):	54 buoys**	

* Option years after July 2016 on existing contracts are not being exercised by Coast Guard

** At Georgetown, there are 9 stakes in addition to the 14 buoys.

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-50	951.700	NJ3	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1561	Off Position / Hors Position	29/06/2009	3
A-50	5957.952	NJ32	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M2358	Off Position / Hors Position	02/10/2013	3
A-50	951.600	NJ2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1800	Off Position / Hors Position	30/07/2012	3
A-50	951.600	NJ2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1791	Not Reliable / pas fiable	30/06/2011	3
A-50	951.600	NJ2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1766	Off Position / Hors Position	28/06/2011	3
A-50	951.600	NJ2	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1883	Off Position / Hors Position	29/07/2009	3
A-50	5957.710	NJA	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M925	Off Position / Hors Position	27/04/2010	3
A-50	5957.710	NJA	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M888	Off Position / Hors Position	25/04/2010	3
A-50	951.750	NJ7	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2190	Capsized / chaviré	16/09/2013	1
A-50	951.750	NJ7	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2175	Off Position / Hors Position	14/09/2013	1
A-50	957.300	NH22	1.5m SB 98 plastique	1.5m SB 98 plastic	M832	Extinguished / Éteinte	03/05/2013	3
A-50	957.300	NH22	1.5m SB 98 plastique	1.5m SB 98 plastic	M1202	Extinguished / Éteinte	04/06/2013	3
A-50	957.400	NH23	0.75m SB 105 plate	0.75m SB 105 Can	M1291	Extinguished / Éteinte	25/05/2010	3
A-50	957.500	NH30	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1249	Extinguished / Éteinte	19/05/2010	3
A-50	948.500	NE	1.4m Bouée	1.4m Buoy	M3001	Extinguished / Éteinte	02/11/2010	2
A-50	948.600	NE6	1.5m SB 98 plastique	1.5m SB 98 plastic	M1838	Extinguished / Éteinte	01/08/2012	3
A-50	950.200	NE12	1.5m SB 98 plastique	1.5m SB 98 plastic	M1188	Extinguished / Éteinte	03/06/2013	3
A-50	951.500	NY2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M988	Extinguished / Éteinte	17/05/2013	3
A-50	953.500	NH3	0.6m plastique Ice espar (18 ft. longue)	0.6m plastic Ice spar (18 ft. long)	M2564	Extinguished / Éteinte	07/09/2011	3
A-50	954.000	NH10	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M2219	Off Position / Hors Position	18/09/2013	3
A-50	954.000	NH10	0.6m plastique Ice espar (14 ft. longue)	0.6m plastic Ice spar (14 ft. long)	M3052	Extinguished / Éteinte	20/11/2009	3
A-50	956.200	NH12	0.75m SB 105 conique	0.75m SB 105 Conical	M2220	Off Position / Hors Position	18/09/2013	3
A-50	956.200	NH12	0.75m SB 105 conique	0.75m SB 105 Conical	M2969		05/11/2009	3
A-50	956.200	NH12	0.75m SB 105 conique	0.75m SB 105 Conical	M2813	Extinguished / Éteinte	14/10/2009	3
A-50	956.200	NH12	0.75m SB 105 conique	0.75m SB 105 Conical	M2651	Extinguished / Éteinte	02/10/2009	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-50	5955.800	NK3	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M1338	Off Position / Hors Position	30/05/2010	3
A-50	956.400	NH18	1.5m SB 98 plastique	1.5m SB 98 plastic	M1238	Extinguished / Éteinte	06/06/2013	3
A-50	957.410	NH27	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1190	Extinguished / Éteinte	25/05/2012	3
A-50	953.600	NH5	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M2218	Off Position / Hors Position	18/09/2013	3
A-50	950.100	NE11	1.5m SB 98 plastique	1.5m SB 98 plastic	M2667	Extinguished / Éteinte	15/09/2011	3

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-50	NE	948.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1361		22	41	Sealite Trident-1400	Cast-Iron/fonte	1361	28	27.4
A-50	NH	952.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134		28	82	Sealite Trident-1400	Cast-Iron/fonte	1134	28	27.4

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-50	951.600	NJ2	Cardigan River light buoy NJ2	4422	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal		46º 12' 3.2"	62º 29' 51.2"	100	lb	Concrete	27.4	16	Rope	2016	3	3
A-50	951.700	NJ3	Upper Cardigan (MacPhee Shoal) light buoy NJ3	4422	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	5.50	46º 12' 2.72"	62º 30' 20.65"	200	lb	Concrete	27.4	16	Rope	2016	3	3
A-50	5957.820	NJ4	Upper Cardigan Buoy (Maitland Point) NJ4	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.90	46º 12' 25.22"	62º 31' 9.65"	200	lb	Concrete	10.7	16	Rope	2016	3	3
A-50	5957.830	NJ5	Cardigan River (MacDonald's Point) NJ5	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.00	46º 12' 37.22"	62º 31' 46.65"	100	lb	Concrete	9	16	Rope	2016	3	3
A-50	5957.840	NJ8	Cardigan River (Ferry Point) NJ8	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.00	46º 12' 57.22"	62º 32' 6.15"	100	lb	Concrete	7.6	16	Rope	2016	3	3
A-50	5957.850	NJ7	Cardigan River (Morrison's Beach) NJ7	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	7.00	46º 12' 53.22"	62º 32' 9.65"	100	lb	Concrete	9	16	Rope	2016	3	3
A-50	5957.860	NJ14	Cardigan River (Green's Point) NJ14	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	6.00	46º 13' 24.22"	62º 33' 48.65"	100	lb	Concrete	9	16	Rope	2016	3	3
A-50	5957.870	NJ15	Cardigan River (Wilsons Point) NJ15	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	4.30	46º 13' 23.72"	62º 34' 16.65"	100	lb	Concrete	6	16	Rope	2016	3	3
A-50	5957.880	NJ18	Cardigan River (Crawford's Point) NJ18	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.00	46º 13' 24.22"	62º 34' 52.65"	100	lb	Concrete	7.6	16	Rope	2016	3	3
A-50	5957.890	NJ19	Cardigan River (Ryans Flats) NJ19	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 13' 33.72"	62º 35' 36.65"	100	lb	Concrete	5	16	Rope	2016	3	3
A-50	5957.900	NJ22	Cardigan River Ryan's Flats NJ22	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.00	46º 13' 50.22"	62º 36' 9.65"	100	lb	Concrete	6	16	Rope	2016	3	3
A-50	5957.910	NJ23	Cardigan River (Owen's Flat) NJ23	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	46º 13' 56.22"	62º 36' 25.65"	100	lb	Concrete	4.6	16	Rope	2016	3	3
A-50	5957.920	NJ25	Cardigan River (Owen's Point) NJ25	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.00	46º 13' 59.22"	62º 36' 33.65"	100	lb	Concrete	4.6	16	Rope	2016	3	3
A-50	5957.930	NJ26	Cardigan River (Lewis Point) NJ26	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	46º 14' 1.72"	62º 36' 37.65"	100	lb	Concrete	3	16	Rope	2016	3	3
A-50	5957.940	NJ28	Cardigan River (Lewis Flats) NJ28	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	46º 13' 57.22"	62º 36' 42.65"	100	lb	Concrete	3	16	Rope	2016	3	3
A-50	5957.951	PLAS1	Cardigan River (Dredged Cut) Buoy (red) - PLAS1	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46º 13' 54.5"	62º 36' 48.2"	100	lb	Concrete		16	Rope	2016	3	3
A-50	5957.952	PLAS1	Cardigan River (Dredged Cut) Buoy (red) - PLAS1	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46º 13' 53.9"	62º 36' 54.1"	100	lb	Concrete		16	Rope	2016	3	3
A-50	5957.953	PLAS1	Cardigan River (Dredged Cut) Buoy (green) - PLAS1	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46º 13' 52.8"	62º 36' 54.9"	100	lb	Concrete		16	Rope	2016	3	3
A-50	5957.980	NJ11	Cardigan River (MacKenzie Flats) NJ11	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	6.00	46º 13' 11.72"	62º 33' 18.65"	100	lb	Concrete	9	16	Rope	2016	3	3
A-50	948.050	NC1	Rollo Bay light buoy NC1	4403	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	11.00	46º 19' 24.19"	62º 19' 27.66"	2500	lb	Serrated	27	22	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-50	948.500	NE	Annandale light buoy NE	4421	Night	1.4m Buoy	1811	Steel	Red-white	Seasonal	11.00	46° 14' 31.18"	62° 23' .75"	3000	lb	Serrated	27.4	22	Chain	2016	3	2
A-50	948.600	NE6	Grand River East light buoy NE6	4421	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	4.30	46° 14' 57.18"	62° 24' .75"	1000	lb	Concrete	8.6	16	Chain	2016	3	3
A-50	950.100	NE11	Annandale light buoy NE11	4421	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	2.00	46° 15' 16.18"	62° 24' 48.75"	1000	lb	Concrete	9	16	Chain	2016	3	3
A-50	950.200	NE12	Banks Point light buoy NE12	4421	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	2.00	46° 15' 25.18"	62° 25' 16.75"	600	lb	Concrete	9	16	Chain	2016	3	3
A-50	951.500	NY2	Launching Point light buoy NY2	4421	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	7.00	46° 13' 6.18"	62° 24' 5.75"	2500	lb	Serrated	27	22	Chain	2016	3	3
A-50	952.500	NH	Georgetown light buoy NH	4422	Night	1.4m Buoy	1811	Steel	Red-white	Seasonal	20.00	46° 9' 15.22"	62° 27' 1.65"	2500	lb	Serrated	82	28	Chain	2016	3	2
A-50	953.500	NH3	Wheeler Bar light buoy NH3	4422	Night	0.6m Plastic Ice Spar (18 ft. long)		Plastic	Green	Seasonal (in place year round)	11.00	46° 9' 30.22"	62° 29' 41.65"	2500	lb	Serrated	27	22	Chain	2016	3	3
A-50	953.600	NH5	Wheeler Bar light buoy NH5	4422	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal (in place year round)	7.00	46° 9' 32.22"	62° 30' 27.3"	2500	lb	Concrete	27	22	Chain	2016	3	3
A-50	954.000	NH10	St. Andrews Point light buoy NH10	4422	Night	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Seasonal (in place year round)	12.00	46° 9' 55.22"	62° 31' 13.65"	1500	lb	Serrated	27	22	Chain	2016	3	3
A-50	956.150	NH14	Gaudin Point light buoyNH14	4422	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	46° 10' 32.22"	62° 32' 26.65"	400		Concrete	15	16	Chain	2016	3	3
A-50	956.200	NH12	Thrumcap Spit light buoy NH12	4422	Night	0.75m SB 105 Conical	52	Plastic	Red	Seasonal	7.00	46° 10' 8.72"	62° 31' 33.65"	1200	lb	Concrete	27	16	Chain	2016	3	3
A-50	956.300	NH15	Aitken Point light buoy NH15	4422	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	5.00	46° 10' 34.22"	62° 33' 3.65"	400	lb	Concrete	15	16	Chain	2016	3	3
A-50	956.400	NH18	Brudenell Point light buoy NH18	4422	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	5.00	46° 10' 34.22"	62° 33' 36.65"	400	lb	Concrete	12	16	Chain	2016	3	3
A-50	957.300	NH22	Montague River light buoy NH22	4422	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	2.00	46° 10' 30.22"	62° 35' 58.65"	400	lb	Concrete	5	16	Chain	2016	3	3
A-50	957.400	NH23	Montague River light buoy NH23	4422	Night	0.75m SB 105 Can	52	Plastic	Green	Seasonal	5.00	46° 10' 30.22"	62° 36' 21.65"	400	lb	Concrete	15.2	16	Chain	2016	3	3
A-50	957.410	NH27	Montague River light buoy NH27	4422	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.40	46° 10' 16.22"	62° 36' 57.65"	400	lb	Concrete	3	16	Chain	2016	3	3
A-50	957.500	NH30	Montague River light buoy NH30	4422	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	46° 10' 6.22"	62° 37' 13.65"	400	lb	Concrete	10.7	16	Chain	2016	3	3
A-50	957.700	NH38	Montague River light buoy NH38	4422	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.30	46° 10' .72"	62° 37' 57.65"	400	lb	Concrete	12.2	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-50	957.800	NH43	Montague River light buoy NH43	4422	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.90	46° 10' 1.22"	62° 38' 19.65"	400	lb	Concrete	12.2	16	Chain	2016	3	3
A-50	958.500	NP	Graham Ledge light buoy NP	4403	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	9.00	46° 5' 45.19"	62° 25' 57.66"	2500	lb	Serrated	27	28	Chain	2016	3	2
A-50	961.000	NM	Murray Harbour light buoy NM	4420	Night	0.6m SB 60 Spar Can PI		Plastic	Red-white	Seasonal	15.00	46° 2' 5.155"	62° 27' 8.1647"	2500	lb	Serrated	45	20	Chain	2016	3	2
A-50	970.500	NN2	Bear Reef light buoy NN2	4420	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	7.00	46° 0' 44.18"	62° 26' 17.15"	2500	lb	Serrated	27	22	Chain	2016	3	3
A-50	5949.600	NE5	Annandale Grand River East NE5	4421	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	46° 14' 55.18"	62° 24' 1.75"	1000	lb	Concrete	9	16	Chain	2016	3	3
A-50	5949.700	NE8	Annandale Grand River East NE8	4421	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.00	46° 15' 1.68"	62° 24' 9.75"	1000	lb	Concrete	9	16	Chain	2016	3	3
A-50	5949.800	NE9	Annandale Grand River East NE9	4421	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	46° 15' 9.18"	62° 24' 33.75"	600	lb	Concrete	9	16	Chain	2016	3	3
A-50	5949.900	NE10	Annandale Grand River East NE10	4421	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	46° 15' 14.18"	62° 24' 33.75"	600	lb	Concrete	9	16	Chain	2016	3	3
A-50	5950.510	NE10/2	Grand River Spar Buoy NE10/2	4421	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	46° 15' 20.68"	62° 24' 45.75"	600	lb	Concrete	9	16	Chain	2016	3	3
A-50	5953.700	NH9	Georgetown Range Spar Buoy NH9	4422	Unlit	0.6m SB 60 Spar Can PI		Plastic	Green	Year Round	6.00	46° 9' 46.22"	62° 31' 10.65"	2500	lb	Concrete	27	22	Chain	2016	3	3
A-50	5955.700	NK2	Clarke Point Conical Buoy NK2	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46° 8' 21.22"	62° 31' 24.65"	200	lb	Concrete	6	16	Rope	2016	3	3
A-50	5955.800	NK3	Clarke Point Can Buoy NK3	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46° 8' 16.22"	62° 31' 18.65"	200	lb	Concrete	7.6	16	Rope	2016	3	3
A-50	5955.900	NK5	Clarke Point Can Buoy NK5	4422	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46° 8' 3.22"	62° 31' 21.65"	200	lb	Concrete	7.6	16	Rope	2016	3	3
A-50	5956.050	NK8	Sturgeon Wharf Approach conical buoy NK8	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46° 7' 44.22"	62° 31' 19.65"	200	lb	Concrete	7.6	16	Rope	2016	3	3
A-50	5956.100	NK10	Sturgeon Wharf Approach conical buoy NK10	4422	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46° 7' 39.22"	62° 31' 22.65"	200	lb	Concrete	6	16	Rope	2016	3	3
A-50	5957.710	NJA	Boughton Ledge East Cardinal Spar NJA	4422	Unlit	0.6m SB 60 Spar Can PI		Plastic	Black-yellow-black	Seasonal	5.20	46° 11' 9.32"	62° 23' 8.05"	1500	lb	Serrated	18.2	20	Chain	2016	3	3

Contract Area name:	Murray Harbour & Wood Islands
Contract Area no.:	A-51, A-B
Province(s):	P.E.I
Contract Area Description:	This area includes Murray harbour (51A) and Woods Island (51B)
Coast Guard Depot:	Charlottetown
Commissioning date:	May 1st
Decommissioning date:	December 15th
Total no. of buoys:	33
Max. buoy size(m) diameter :	1.5 (51A), 0.6 (51B)
Maximum anchor size (weight (kg)):	727 (51A), 1137 (51B)
Maximum buoy weight (kg) :	261 (51A), 95 (51B)
Maximum water depth (m) :	8
Operational Season:	May 1st to December 15th
Overview of work activities:	<p>7 buoys are 'year round' and 44 buoys are 'seasonal'. 14 buoys have removable lanterns; At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.</p>
Comment:	<p>51A includes 42 stakes at Murray Harbour The areas will be tendered as separate contracts. See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule For all areas, local knowledge is required to place stakes and buoys in shifting channels. The new contract for this area will start on July 2nd, 2016.</p>

Contract Area name: Murray Harbour & Wood Islands

Contract Area no.: A-51, A-B

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts in this Contract area, neither of which will extend beyond 2016, as option years after July 2016 on existing contracts are not being exercised by Coast Guard

A-51, A: Murray Harbour, has 25 buoys and 42 stakes

A-51,B: Woods Island, has 8 buoys.

The new contract for this area will start on July 2nd, 2016.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-51A	966.600	NM12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2543	Extinguished / Éteinte	24/10/2012	3
A-51A	966.600	NM12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M911	Extinguished / Éteinte	26/04/2010	3
A-51A	963.600	NM7	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M819	Extinguished / Éteinte	29/04/2009	3
A-51A	963.500	NM6	1.5m SB 98 plastique	1.5m SB 98 plastic	M2166	Extinguished / Éteinte	20/08/2009	3
A-51A	968.000	NM13	1.5m SB 98 plastique	1.5m SB 98 plastic	M1498	Extinguished / Éteinte	23/06/2009	3
A-51A	969.900	NM33	1.5m SB 98 plastique	1.5m SB 98 plastic	M1274	Extinguished / Éteinte	21/05/2010	3
A-51A	968.300	NM16	1.5m SB 98 plastique	1.5m SB 98 plastic	M2544	Extinguished / Éteinte	24/10/2012	3
Note:	There is no outage history for the sub-contract area A-51B in the five year records used for this report. For the purpose of bidding, assume there is one outage per operational season and that the outage type is 'buoy off position /lost'							
Note:	Il n'y a pas d'historique de panne pour la sous-zone de contrat A-51B pour les cinq années utilisées dans ce rapport. Aux fins de l'appel d'offres, assumez qu'il y a une panne par saison d'opération et que le type de panne est une bouée hors position/ perdu							

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-51a	963.000	NM3	Murray Harbour Entrance light buoy NM3	4420	Night	GDI 1100		Plastic	Green	Seasonal	3.00	46° 1' 40.3378"	62° 27' 45.3672"	1600	lb	Concrete	8.6	20	Chain	2016	3	3
A-51a	963.500	NM6	Murray Harbour light buoy NM6	4420	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	6.70	46° 1' 31.613"	62° 28' 18.811"	800	lb	Concrete	13.4	20	Chain	2016	3	3
A-51a	963.600	NM7	Murray Harbour light buoy NM7	4420	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	4.60	46° 1' 21.577"	62° 28' 38.7782"	400	lb	Concrete	12	16	Chain	2016	3	3
A-51a	966.000	NM8	Sable Point light buoy NM8	4420	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	6.10	46° 1' 13.0626"	62° 28' 56.4332"	800	lb	Concrete	7.2	20	Chain	2016	3	3
A-51a	966.500	NM11	Beach Point light buoy NM11	4420	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	8.00	46° 1' 7.248"	62° 29' 13.64"	800	lb	Concrete	16	20	Chain	2016	3	3
A-51a	966.600	NM12	Murray Harbour light buoy NM12	4420	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	4.00	46° 1' 9.505"	62° 29' 12.721"	400	lb	Concrete	8	16	Chain	2016	3	3
A-51a	968.000	NM13	Penny Point light buoy NM13	4420	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	3.70	46° 1' 4.915"	62° 29' 37.903"	800	lb	Concrete	6	20	Chain	2016	3	3
A-51a	968.100	NM14	Murray Harbour light buoy NM14	4420	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	4.30	46° 1' 7.44"	62° 29' 42.598"	1000	lb	Concrete	12.2	16	Chain	2016	3	3
A-51a	968.300	NM16	Murray Harbour light buoy NM16	4420	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	4.30	46° 1' 7.68"	62° 29' 59.174"	1000	lb	Concrete	12.2	16	Chain	2016	3	3
A-51a	969.000	NM15	Machons Point light buoy NM15	4420	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	3.00	46° 1' 5.15"	62° 30' 3.85"	800	lb	Concrete	6	20	Chain	2016	3	3
A-51a	969.700	NM24	Sharams Point light buoy NM24	4420	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	6.00	46° 1' 30.7"	62° 31' 12.62"	800	lb	Concrete	12	20	Chain	2016	3	3
A-51a	969.800	NM30	Reynolds Island light buoy NM30	4420	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	3.00	46° 2' 4.23"	62° 31' 44.68"	800	lb	Concrete	6	20	Chain	2016	3	3
A-51a	969.900	NM33	Fairchild Point light buoy NM33	4420	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	4.00	46° 2' 34.69"	62° 31' 46.65"	800	lb	Concrete	8	20	Chain	2016	3	3
A-51a	5948.410	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.00	0° 0' 0"	0° 0' 0"	100		Concrete	8	16	Rope	2016	3	3
A-51a	5948.411	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.412	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.413	PLAS	Bay Fortune plastic buoy	4403	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.414	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-51a	5948.420	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0° 0' 0"	0° 0' 0"	100		Concrete	8	16	Rope	2016	3	3
A-51a	5948.421	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.422	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.423	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.424	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.425	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.426	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.427	PLAS	Bay Fortune Plastic Buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.428	PLAS	Bay Fortune Plastic Buoy	4403	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		0° 0' 0"	0° 0' 0"	100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.430	PLAS	Bay Fortune Plastic Buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	4.00			100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.431	PLAS	Bay Fortune Plastic Buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.432	PLAS	Bay Fortune Plastic Buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5948.433	PLAS	Bay Fortune Plastic Buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				100	lb	Concrete	8	16	Rope	2016	3	3
A-51a	5968.000	NMA	Machons Point spar buoy NMA	4420	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-red-black	Seasonal	2.40	46° 1' 6.661"	62° 29' 59.093"	800	lb	Concrete	7.3	To Be Fixed	Chain	2016	3	3
A-51a	5969.100	NM20	Murray Harbour red conical buoy NM20	4420	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	3.00	46° 1' 11.719"	62° 30' 19.937"	400	lb	Concrete	10	16	Chain	2016	3	3
A-51a	5969.300	NM23	Murray Harbour Green Can Buoy NM23	4420	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 1' 37.2"	62° 31' 21.3"	200	lb	Concrete	2	16	Rope	2016	3	3
A-51a	5969.400	NM26	Murray Harbour Red Conical Buoy NM26	4420	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46° 1' 40.1"	62° 31' 19.6"	100	lb	Concrete	2	16	Rope	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-51a	5969.550	NM25	Murray Harbour Green Can Buoy NM25	4420	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal		46° 1' 46.9"	62° 31' 29.8"	200	lb	Concrete	2	16	Rope	2016	3	3
A-51a	5969.650	NM28	Murray Harbour Red Conical Buoy NM28	4420	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal		46° 1' 49.01"	62° 31' 28.08"	200	lb	Concrete	2	16	Rope	2016	3	3
A-51a	5969.850	NM27	Murray Harbour green can NM27	4420	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	2.00	46° 1' 55.19"	62° 31' 39.653"	400	lb	Concrete	8	16	Chain	2016	3	3
A-51a	5970.710	PLAS3	Murray Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10			200	lb	Concrete	4.2	16	Rope	2016	3	3
A-51a	5970.711	PLAS3	Murray Harbour conical plastic buoy	4420	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	4.2	16	Rope	2016	3	3
A-51a	5970.712	PLAS3	Murray Harbour conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	4.2	16	Rope	2016	3	3
A-51a	5970.900	PLAS2	Murray Harbour can plastic buoy	4420	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.10	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.2	16	Rope	2016	3	3
A-51a	5970.901	PLAS2	Murray Harbour can plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	4.2	16	Rope	2016	3	3
A-51b	972.500	NS2	Wood Islands Harbour Entrance light buoy NS2	4405	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	7.00	45° 56' 46.44"	62° 44' 59.35"	2500	lb	Serrated	15	22	Chain	2016	3	3
A-51b	5972.600	NS3	Wood Islands Spar Buoy NS3	4483	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	45° 57' 4.934"	62° 45' 9.145"	600	lb	Concrete	7.6	16	Chain	2016	3	3
A-51b	5972.700	NS7	Wood Islands Spar Buoy NS7	4483	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.60	45° 57' 9.4"	62° 45' 6.106"	600	lb	Concrete	7.6	16	Chain	2016	3	3
A-51b	5972.800	NS9	Wood Islands Spar Buoy NS9	4483	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.60	45° 57' 11.69"	62° 45' 3.86"	600	lb	Concrete	6.1	16	Chain	2016	3	3
A-51b	5973.100	NS4	Wood Islands Spar Buoy NS4	4483	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.60	45° 57' 3.254"	62° 45' 3.043"	600	lb	Concrete	6.1	16	Chain	2016	3	3
A-51b	5973.200	NS6	Wood Islands Spar Buoy NS6	4483	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.60	45° 57' 4.701"	62° 45' 1.631"	600	lb	Concrete	6.1	16	Chain	2016	3	3
A-51b	5973.300	NS8	Wood Islands Spar Buoy NS8	4483	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.60	45° 57' 5.897"	62° 44' 58.782"	600	lb	Concrete	6.1	16	Chain	2016	3	3
A-51b	5973.400	NS10	Wood Islands Spar Buoy NS10	4483	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.60	45° 57' 8.59"	62° 44' 55.86"	600	lb	Concrete	6.1	16	Chain	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Pinette, Pownal, Orwell		
Contract Area no.:	A-52		
Province(s):	P.E.I		
Contract Area Description:	Includes the area from Pinette to Pownal		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown		
Commissioning date:	See Comment		
Decommissioning date:	December 15th		
Total no. of buoys:	23 total, including 13 uncharted		
Max. buoy size(m) diameter :	0.8		
Maximum anchor size (weight (kg)):	181		
Maximum buoy weight (kg) :	34		
Maximum water depth (m) :	6		
Operational Season:	See Comment		
Overview of work activities:	All the buoys are 'seasonal', 1 buoy is equipped with a lantern. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	Commissioning date for the 6 buoys at Pownal is May 15th; for the remaining buoys the commissioning date is May 1st. The area includes 40 stakes at Orwell and Vernon. See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule For all areas, local knowledge is required to place stakes and buoys in shifting channels. The new contract for this area will start on July 2nd, 2015.		

Contract Area name:	Pinette, Pownal, Orwell
Contract Area no.:	A-52

Transitioning from current contract structure and schedule to new contract structure and schedule

<u>EXISTING CONTRACT(S)</u>			<u>NEW CONTRACT</u>	
Name	No. of buoys	Last option expiry year		
Orwell/Vernon	0	2015**		
Total, 2015:	0		2015 - 2016:	0 buoys**
Pownal	6	2016		
Pinette	17	2019*		
Additional sub-total, 2016:	23		2016 to 2019 (or 2020 if option year exercised):	23 buoys**

* Option years after July 2016 on existing contracts are not being exercised by Coast Guard
 ** At 'Orwell and Vernon' there are 40 and no buoys.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-52	980.500	NV4	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2466	Extinguished / Éteinte	09/09/2010	3
A-52	5989.500	CD4	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1902	Off Position / Hors Position	31/07/2009	3
A-52	5989.500	CD4	0.4m SB 40 conique plastique	0.4m SB 40 Conical plastic	M1901	Off Position / Hors Position	31/07/2009	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-52	980.500	NV4	Pinette Harbour light buoy NV4	4466	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	46º 2' 44.21"	62º 57' 7.67"	400	lb	Concrete	9	16	Chain	2016	3	3
A-52	5980.100	NV1	Pinette Harbour plastic buoy NV1	4466	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	6.00	46º 2' 21.21"	62º 57' 44.67"	400	lb	Concrete	12	16	Chain	2016	3	3
A-52	5980.200	NV2	Pinette Harbour plastic buoy NV2	4466	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	3.80	46º 2' 45.21"	62º 57' 33.67"	400	lb	Concrete	7.6	16	Chain	2016	3	3
A-52	5980.320	NV5	Pinette plastic ORT spar buoy NV5	4466	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	46º 2' 52.21"	62º 57' .67"	400	lb	Concrete	9.2	16	Chain	2016	3	3
A-52	5980.321	PLAS5	Pinette plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Chain	2016	3	3
A-52	5980.322	PLAS5	Pinette plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Chain	2016	3	3
A-52	5980.323	PLAS5	Pinette plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Chain	2016	3	3
A-52	5980.324	PLAS5	Pinette plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Chain	2016	3	3
A-52	5980.325	PLAS5	Pinette plastic buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete		16	Chain	2016	3	3
A-52	5980.326	PLAS4	Pinette plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Chain	2016	3	3
A-52	5980.327	PLAS4	Pinette plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Chain	2016	3	3
A-52	5980.328	PLAS4	Pinette plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Chain	2016	3	3
A-52	5980.329	PLAS4	Pinette plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete		16	Chain	2016	3	3
A-52	5980.330	NV6	Pinette plastic ORT spar buoy NV6	4466	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.80	46º 3' 23.71"	62º 55' 54.67"	400	lb	Concrete	11.6	16	Chain	2016	3	3
A-52	5980.340	NV7	Pinette plastic ORT spar buoy NV7	4466	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	0.00	46º 3' 24.21"	62º 55' 45.67"	400	lb	Concrete	7	16	Chain	2016	3	3
A-52	5980.350	NV8	Pinette plastic ORT spar buoy NV8	4466	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	46º 3' 26.71"	62º 55' 22.17"	400	lb	Concrete	7.2	16	Chain	2016	3	3
A-52	5980.360	NV9	Pinette plastic ORT spar buoy NV9	4466	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.70	46º 3' 16.21"	62º 54' 47.67"	400	lb	Concrete	5.4	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-52	5989.200	CD1	Pownal buoy CD1	4466	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	0.00	46º 10' 59.21"	62º 57' 28.17"	100	lb	Concrete	5.5	16	Rope	2016	3	3
A-52	5989.300	CD2	Pownal buoy CD2	4466	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.80	46º 10' 59.21"	62º 57' 24.67"	100	lb	Concrete	5.5	16	Rope	2016	3	3
A-52	5989.400	CD3	Pownal buoy CD3	4466	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	0º 0' 0"	0º 0' 0"	100	lb	Concrete	7.4	16	Rope	2016	3	3
A-52	5989.500	CD4	Pownal buoy CD4	4466	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.70	0º 0' 0"	0º 0' 0"	100		Concrete	7.4	16	Rope	2016	3	3
A-52	5989.600	CD5	Pownal buoy CD5	4466	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	0º 0' 0"	0º 0' 0"	100	lb	Concrete	7.4	16	Rope	2016	3	3
A-52	5989.700	CD6	Pownal buoy CD6	4466	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.70	0º 0' 0"	0º 0' 0"	100	lb	Concrete	7.4	16	Rope	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Charlottetown Harbour
Contract Area no.:	A-53
Province(s):	P.E.I
Contract Area Description:	Includes Charlottetown Harbour
Coast Guard Depot:	Charlottetown
Commissioning date:	May 15th
Decommissioning date:	December 15th
Total no. of buoys:	44 total, including 12 uncharted
Max. buoy size(m) diameter :	1.75
Maximum anchor size (weight (kg)):	1818
Maximum buoy weight (kg) :	454
Maximum water depth (m) :	13
Operational Season:	May 15th to December 15th
Overview of work activities:	<p>1 buoy is 'year round', 43 buoys are 'seasonal', 10 are equipped with lanterns. 3 buoys are replaced with winter spars. At Commissioning, work includes position verification of buoys, addition of lanterns and, as required, tape & numbers. Decommissioning work includes removal of lanterns and replacement of summer buoys with winter spars.. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Winter spars are replaced with summer buoys. The work also includes planned cyclical mooring replacement every 3 years; refer to detailed buoy data for schedule of next replacement. This work is for year round buoys only. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.</p>
Comment:	<p><i>See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule</i> For areas other than Charlottetown, local knowledge is required to place buoys due to shifting channels. The new contract for this area will start on July 2nd, 2016.</p>

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 4 current contracts in this Contract area, none of which will extend beyond 2016, as option years after July 2016 on existing contracts are not being exercised by Coast Guard

Charlottetown	16 buoys
Hillsboro	7 buoys
Nine Mile Creek	9 buoys
West River	12 buoys

The new contract for this area will start on July 2nd, 2016.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-53	983.400	C1	1.7m Tideland Bouée-PI	1.7m Tideland Buoy-PI	M3100	Off Position / Hors Position	26/11/2009	3
A-53	990.000	C5	1.7m Tideland Bouée-PI	1.7m Tideland Buoy-PI	M2213	Reduced Intensity / intensité réduite	08/08/2011	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-53	983.400	C1	St. Peters Island light buoy C1	4466	Night	1.7m Tideland Buoy-PI	454	Plastic	Green	Seasonal	13.00	46º 5' .21"	63º 13' 45.67"	2500	lb	Serrated	37	22	Chain	2016	3	3
A-53	990.000	C5	Spithead light buoy C5	4466	Night	1.7m Tideland Buoy-PI	454	Plastic	Green	Seasonal	13.00	46º 8' 54.21"	63º 6' 1.67"	2500	lb	Serrated	41	22	Chain	2016	3	3
A-53	993.500	C7	Blockhouse Point light buoy C7	4460	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	11.00	46º 11' 36.21"	63º 7' 33.67"	2500	lb	Serrated	27	22	Chain	2016	3	3
A-53	998.000	C8	Battery Point light buoy C8	4460	Night	1.7m Tideland Buoy-PI	454	Plastic	Red	Seasonal	9.00	46º 12' 14.71"	63º 7' 51.67"	4000	lb	Concrete	27	22	Chain	2016	3	3
A-53	998.500	C9	Canceaux Spit light buoy C9	4460	Night	1.7m Tideland Buoy-PI	454	Plastic	Green	Seasonal	10.00	46º 12' 37.71"	63º 8' 6.67"	4000	lb	Concrete	18	22	Chain	2016	3	3
A-53	999.000	C12	Rosebank Point Outer light buoy C12	4460	Night	1.7m Tideland Buoy-PI	454	Plastic	Red	Seasonal	9.00	46º 12' 54.21"	63º 7' 48.67"	2500	lb	Serrated	27	22	Chain	2016	3	3
A-53	999.200	C13	Old Battery Point light buoy C13	4460	Night	SB-138 plastic(Tideland)		Plastic	Green	Seasonal	8.00	46º 13' 17.21"	63º 7' 51.67"	4000	lb	Concrete	27	22	Chain	2016	3	3
A-53	999.500	C14	Rosebank Point Center light buoy C14	4460	Night	1.7m Tideland Buoy-PI	454	Plastic	Red	Seasonal	12.00	46º 13' 28.21"	63º 7' 23.17"	2500	lb	Concrete	27	22	Chain	2016	3	3
A-53	1001.000	C15	Charlottetown Harbour light buoy C15	4460	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	13.00	46º 13' 40.21"	63º 7' 30.17"	2500	lb	Concrete	27	22	Chain	2016	3	3
A-53	1003.000	C18	Charlottetown Railway Wharf Turning light buoy C18	4460	Night	1.7m Tideland Buoy-PI	454	Plastic	Red	Seasonal	11.00	46º 13' 46.71"	63º 6' 44.67"	2500	lb	Serrated	27	22	Chain	2016	3	3
A-53	5989.100	CD	Governors Island can buoy CD	4466	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow	Seasonal	4.60	46º 7' 25.21"	63º 5' 10.67"	1250	lb	Serrated	14	20	Chain	2016	3	3
A-53	6001.100	A	Squaw Point buoy A	4466	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow	Seasonal	6.10	46º 9' 50.21"	63º 4' 24.67"	1250	lb	Serrated	12.2	22	Chain	2016	3	3
A-53	6001.500	B	Squaw Point buoy B	4466	Unlit	0.6m SB 60 Spar Can PI		Plastic	Yellow	Seasonal	2.70	46º 9' 32.21"	63º 3' 8.67"	1250	lb	Serrated	6.1	20	Chain	2016	3	3
A-53	6002.500	PRIV1	Yacht Club race buoy PRIV1	4460	Unlit	GDI 680N		Plastic	Yellow	Seasonal	5.50	46º 13' 33.21"	63º 7' 7.17"	2500	lb	Concrete	9.1	20	Chain	2016	3	3
A-53	6003.100	C20	Hillsboro East River spar buoy C20	4460	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	46º 14' 38.58"	63º 5' 47.16"	400	lb	Concrete	10	16	Chain	2016	3	3
A-53	6003.150	C19	Railway Wharf East Flats spar buoy C19	4460	Unlit	0.7m Ice Can	1923	Plastic	Green	Year Round		46º 14' .24"	63º 6' 52.5"	2500	lb	Serrated	27	22	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-53	6003.200	C22	Hillsboro East River spar buoy C22	4460	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	0° 0' 0"	0° 0' 0"	400	lb	Concrete	10	16	Chain	2016	3	3
A-53	6003.300	C24	Hillsboro East River spar buoy C24	4460	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.30	0° 0' 0"	0° 0' 0"	400	lb	Concrete	10.7	16	Chain	2016	3	3
A-53	6003.400	C26	Hillsboro East River spar buoy C26	4460	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	0° 0' 0"	0° 0' 0"	400	lb	Concrete	10.7	16	Chain	2016	3	3
A-53	6003.500	C27	Hillsboro East River spar buoy C27	4460	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.90	0° 0' 0"	0° 0' 0"	400	lb	Concrete	10.7	16	Chain	2016	3	3
A-53	6003.600	C28	Hillsboro East River spar buoy C28	4460	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.30	0° 0' 0"	0° 0' 0"	400	lb	Concrete	10.7	16	Chain	2016	3	3
A-53	6003.700	C29	Hillsboro East River Spar C29	4460	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	0° 0' 0"	0° 0' 0"	400	lb	Concrete	9	16	Chain	2016	3	3
A-53	6004.000	C	Southport Wharf Ruins spar buoy C	4460	Unlit	GDI 2M		Plastic	Yellow	Seasonal	1.80	46° 13' 40.21"	63° 6' 40.67"	800	lb	Concrete	3	16	Chain	2016	3	3
A-53	6005.000	CH4	North Point Entrance to River buoy CH4	4460	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	6.00	46° 12' 30.21"	63° 9' 51.67"	400	lb	Concrete	14	16	Chain	2016	3	3
A-53	6006.100	CJ1	Nine Mile Creek green can buoy CJ1	4466	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	2.10	46° 8' 49.86"	63° 12' 32.16"	400	lb	Concrete	4.2	16	Chain	2016	3	3
A-53	6006.110	CJ2	Nine Mile Creek red conical buoy CJ2	4466	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	2.10	46° 8' 50.94"	63° 12' 30.84"	400	lb	Concrete	4.2	16	Chain	2016	3	3
A-53	6006.120	CJ9	Nine Mile Creek green can buoy CJ9	4466	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	1.80	46° 8' 55.08"	63° 12' 52.74"	400	lb	Concrete	3.6	16	Chain	2016	3	3
A-53	6006.130	PLAS 3	Nine Mile Creek conical plastic buoy	4466	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.10	0° 0' 0"	0° 0' 0"	200	lb	Concrete	4.2	16	Chain	2016	3	3
A-53	6006.131	PLAS3	Nine Mile Creek conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	4.2	16	Chain	2016	3	3
A-53	6006.132	PLAS3	Nine Mile Creek conical plastic buoy	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal				200	lb	Concrete	4.2	16	Chain	2016	3	3
A-53	6006.140	PLAS 3	Nine Mile Creek plastic can buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	4.2	16	Chain	2016	3	3
A-53	6006.141	PLAS3	Nine Mile Creek plastic can buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	1.3	16	Chain	2016	3	3
A-53	6006.142	PLAS3	Nine Mile Creek plastic can buoy	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal				200	lb	Concrete	4.2	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-53	6006.200	CH5	Ferguson Point buoy CH5	4460	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	6.00	46º 12' 20.71"	63º 10' 39.67"	400	lb	Concrete	14	16	Chain	2016	3	3
A-53	6007.100	CH8	Hyde Point buoy CH8	4466	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	6.00	46º 11' 58.21"	63º 11' 28.67"	400	lb	Concrete	14	16	Chain	2016	3	3
A-53	6008.100	CH9	Hyde Point buoy CH9	4466	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	6.00	46º 11' 47.21"	63º 12' .67"	400	lb	Concrete	14	16	Chain	2016	3	3
A-53	6009.110	CH12	French Creek buoy CH12	4466	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	6.00	46º 11' 18.21"	63º 12' 42.67"	400	lb	Concrete	14	16	Chain	2016	3	3
A-53	6010.100	CH13	Goose Creek buoy CH13	4466	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	6.00	46º 11' 29.21"	63º 13' 12.67"	400	lb	Concrete	14	16	Chain	2016	3	3
A-53	6010.500	CH16	West River Causeway buoy CH16	4466	Unlit	2.0m MOBILIS TRACKLESS	110	Plastic	Red	Seasonal	6.00	46º 11' 19.21"	63º 13' 37.67"	600	lb	Concrete	14	16	Chain	2016	3	2
A-53	6012.100	CE2	Duchess Point Ent. To York River CE2	4460	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	46º 13' 14.21"	63º 9' 6.67"	400	lb	Concrete	15	16	Chain	2016	3	3
A-53	6013.100	CE	York Point spar buoy CE	4460	Unlit	GDI 2M		Plastic	Yellow	Seasonal	3.00	46º 13' 23.21"	63º 9' 19.67"	400	lb	Concrete	4.6	16	Chain	2016	3	2
A-53	6014.150	CE3	York Point spar buoy CE3	4460	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	46º 13' 37.21"	63º 9' 14.17"	400	lb	Concrete	14	16	Chain	2016	3	3
A-53	6015.100	CE4	MacKenzie Creek spar buoy CE4	4460	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	46º 13' 51.21"	63º 9' 16.17"	400	lb	Concrete	15	16	Chain	2016	3	3
A-53	6018.050	CH3	Rocky Pt. ORT spar buoy CH3	4460	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.60	46º 12' 48.21"	63º 9' 4.67"	400	lb	Concrete	9	16	Chain	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Victoria to Summerside		
Contract Area no.:	A-54		
Province(s):	P.E.I		
Contract Area Description:	Includes the area from Victoria Harbour to Summerside.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown		
Commissioning date:	See Comment		
Decommissioning date:	December 15th		
Total no. of buoys:	35		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	261		
Maximum water depth (m) :	26		
Operational Season:	See Comment		
Overview of work activities:	All of the buoys are 'seasonal'. 15 buoys are equipped with lanterns. 6 buoys are replaced with winter spars. Commissioning work includes placing of the buoy and verifying position or replacing winter spar with summer buoy, as applicable. Decommissioning work includes lifting of complete buoy assembly or replacement of summer buoy with winter spar, as applicable. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	Commissioning date for the 13 buoys at Victoria Harbour is May 1st; for the remaining buoys the commissioning date is May 15th See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule		

Contract Area name:	Victoria to Summerside
Contract Area no.:	A-54

Transitioning from current contract structure and schedule to new contract structure and schedule

There are 2 current contracts in this Contract area, neither of which will extend beyond 2016.

<u>EXISTING CONTRACT(S)</u>				<u>NEW CONTRACT</u>		
Name	No. of buoys	Last option expiry year				
LL# 1009.11,1004.0, 1017.8 and 1017.9						
Currently managed by CCG	4	N/A				
Summerside (partial)	18	2019**				
Victoria	13	2019**				
Total, 2016:	35			2016 to 2019 (or 2020 if option year exercised):		35 buoys

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Note that in the costing submission, prices should NOT be provided for the year 2014-2015.

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-54	1011.140	NX17	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1692	Extinguished / Éteinte	23/07/2013	3
A-54	1011.210	NX21	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1693	Extinguished / Éteinte	23/07/2013	3
A-54	1009.200	NX12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1457	Extinguished / Éteinte	03/06/2011	3
A-54	1009.200	NX12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1112	Off Position / Hors Position	07/05/2010	3
A-54	1011.100	NX11	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2724	Extinguished / Éteinte	30/09/2010	3
A-54	1011.150	NX18	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2687	Extinguished / Éteinte	16/09/2011	3
A-54	1011.150	NX18	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M1487	Off Position / Hors Position	14/06/2010	3
A-54	1017.720	XB3	1.4m Bouée	1.4m Buoy	M3227	Extinguished / Éteinte	10/11/2011	3
A-54	1017.730	XB4	1.4m Bouée	1.4m Buoy	M3228	Extinguished / Éteinte	10/11/2011	3
A-54	1017.740	XB5	1.4m Bouée	1.4m Buoy	M1391	Extinguished / Éteinte	30/05/2011	3
A-54	1017.800	DC	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M80		10/01/2012	3
A-54	1017.800	DC	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M925	Off Position / Hors Position	04/05/2009	3
A-54	1017.900	DD	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M79		10/01/2012	3
A-54	1017.900	DD	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M926	Off Position / Hors Position	04/05/2009	3
A-54	1019.000	DE6	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2864	Extinguished / Éteinte	05/10/2011	3
A-54	1019.100	DE7	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1993	Extinguished / Éteinte	16/08/2012	3
A-54	1020.100	DE8	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1927	Extinguished / Éteinte	10/08/2012	3
A-54	1020.200	DE10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M1135	Extinguished / Éteinte	30/05/2013	3
A-54	1020.200	DE10	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2031	Extinguished / Éteinte	06/08/2010	3
A-54	6018.150	DE1	GDI 1.22m plate	GDI 1.22m Can	M1976	Off Position / Hors Position	29/07/2010	3
A-54	6020.350	DE12	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1584	Off Position / Hors Position	14/07/2013	3

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-54	XB2	1018	1.4m Buoy / 1.4m bouée	Concrete / béton	1814		22	54	Sealite Trident-1400	Cast-Iron or Concrete / fonte ou béton	1134 or 1814	26	36.6
A-54	XB3	1018	1.4m Buoy / 1.4m bouée	Concrete / béton	1814		22	54	Sealite Trident-1400	Cast-Iron or Concrete / fonte ou béton	1134 or 1814	26	36.6
A-54	XB4	1018	1.4m Buoy / 1.4m bouée	Concrete / béton	1814		22	27	Sealite Trident-1400	Cast-Iron or Concrete / fonte ou béton	1134 or 1814	26	36.6
A-54	XB5	1018	1.4m Buoy / 1.4m bouée	Concrete / béton	1814	136	22	27.4	Sealite Trident-1400	Cast-Iron or Concrete / fonte ou béton	1134 or 1814	26	36.6

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-54	1009.110	NX	Victoria Harbour Fairway light buoy NX	4405	Night	0.6m SB 60 Spar Can PI		Plastic	Red-white	Seasonal	7.00	46° 10' 35.24"	63° 28' .65"	1500	lb	Serrated	27	22	Chain	2016	3	2
A-54	1014.000	N14	Tryon Shoals light buoy N14	4405	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	8.50	46° 9' 39.24"	63° 31' 42.65"	2500	lb	Serrated	27.4	22	Chain	2016	3	3
A-54	1017.800	DC	Seacow Head Information light buoy DC	4406	Night	0.6m SB 60 Spar Can PI		Plastic	White-orange	Seasonal	12.00	46° 18' 21.229"	63° 49' 57.676"	4000	lb	Stone	27	22	Chain	2016	3	3
A-54	1017.900	DD	Seacow Head Information light buoy DD	4406	Night	0.6m SB 60 Spar Can PI		Plastic	White-orange	Seasonal	11.00	46° 18' 45.249"	63° 49' 25.662"	4000	lb	Stone	27	22	Chain	2016	3	3
A-54	1009.130	NX5	Victoria Harbour Light Buoy NX5	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.10	46° 11' 39"	63° 28' 36.9"	400	lb	Concrete	3.5	16	Chain	2016	3	1
A-54	1009.170	NX9	Victoria Harbour Light Buoy NX9	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.00	46° 11' 50.88"	63° 28' 41"	400	lb	Concrete	3	16	Chain	2016	3	1
A-54	1009.200	NX12	Victoria Harbour light buoy NX12	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.00	46° 12' 15.7"	63° 29' 19.86"	400	lb	Concrete	9	16	Chain	2016	3	3
A-54	1011.100	NX11	Victoria Harbour light buoy NX11	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.00	46° 11' 56.24"	63° 28' 47.65"	400	lb	Concrete	9	16	Chain	2016	3	3
A-54	1011.140	NX17	Victoria Harbour light buoy NX17	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	1.80	46° 12' 25.44"	63° 29' 22.44"	400	lb	Concrete	4.5	16	Chain	2016	3	3
A-54	1011.150	NX18	Victoria Harbour light buoy NX18	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	3.80	46° 12' 25.44"	63° 29' 21.84"	400	lb	Concrete	7.4	16	Chain	2016	3	3
A-54	1011.180	NX19/5	Victoria Harbour light buoy NX19/5	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.40	46° 12' 33.96"	63° 29' 21.18"	400	lb	Concrete	4.6	16	Chain	2016	3	3
A-54	1011.190	NX20	Victoria Harbour light buoy NX20	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	1.80	46° 12' 33.9"	63° 29' 20.34"	400	lb	Concrete	3.7	16	Chain	2016	3	3
A-54	1011.210	NX21	Victoria Harbour light buoy NX21	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.40	46° 12' 40.92"	63° 29' 20.4"	400	lb	Concrete	4.6	16	Chain	2016	3	3
A-54	1011.220	NX22	Victoria Harbour light buoy NX22	4405	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46° 12' 40.86"	63° 29' 19.68"	400	lb	Concrete	3.6	16	Chain	2016	3	3
A-54	1017.710	XB2	Strait Crossing light buoy XB2	4406	Night	1.4m Buoy	1811	Steel	Red	Seasonal	25.60	46° 11' 3.253"	63° 42' 27.655"	4000	lb	Concrete	54	22	Chain	2016	3	3
A-54	1017.720	XB3	Strait Crossing light buoy XB3	4406	Night	1.4m Buoy	1811	Steel	Green	Seasonal	24.00	46° 11' .247"	63° 42' 36.669"	4000	lb	Concrete	54	22	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring					Importance
														Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	
A-54	1017.730	XB4	Strait Crossing light buoy XB4	4406	Night	1.4m Buoy	1811	Steel	Red	Seasonal	16.40	46º 14' 24.246"	63º 47' 54.663"	4000	lb	Concrete	27	22	Chain	2016	3	3
A-54	1017.740	XB5	Strait Crossing light buoy XB5	4406	Night	1.4m Buoy	1811	Steel	Green	Seasonal	24.00	46º 14' 18.239"	63º 48' .673"	4000	lb	Concrete	27.4	22	Chain	2016	3	3
A-54	1018.500	DE3	Summerside Harbour light buoy DE3	4459	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	6.00	46º 21' 58.2"	63º 50' 1.7"	2500	lb	Serrated	14	22	Chain	2016	3	3
A-54	1018.600	DE4	Summerside Harbour light buoy DE4	4459	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.00	46º 22' 20.2"	63º 49' 39.2"	1500	lb	Serrated	14	22	Chain	2016	3	3
A-54	1019.000	DE6	Indian Point light buoy DE6	4459	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.00	46º 22' 42.2"	63º 49' 21.7"	2500	lb	Serrated	14	22	Chain	2016	3	3
A-54	1019.100	DE7	Summerside Harbour light buoy DE7	4459	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	6.00	46º 22' 49.2"	63º 49' 20.2"	1500	lb	Serrated	14	22	Chain	2016	3	3
A-54	1020.100	DE8	Summerside Harbour light buoy DE8	4459	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.00	46º 22' 49.2"	63º 49' 8.7"	800	lb	Concrete	14	20	Chain	2016	3	3
A-54	1020.200	DE10	Summerside Harbour light buoy DE10	4459	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.00	46º 22' 56.2"	63º 48' 36.7"	1500	lb	Serrated	14	22	Chain	2016	3	3
A-54	1020.300	DE11	Summerside Harbour light buoy DE11	4459	Night	1.5m SB 98 plastic	261	Plastic	Green	Seasonal	5.00	46º 23' 3.7"	63º 48' 15.7"	1500	lb	Serrated	14	22	Chain	2016	3	3
A-54	1020.400	DE14	Summerside Harbour light buoy DE14	4459	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	8.00	46º 23' 8.2"	63º 47' 43.7"	1200	lb	Concrete	14	22	Chain	2016	3	3
A-54	6009.150	NX7	Victoria Harbour Buoy NX7	4405	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	4.00	46º 11' 46.6"	63º 28' 39.1"	400	lb	Concrete	8	16	Chain	2016	3	2
A-54	6011.160	NX18/2	Victoria Harbour Buoy NX18/2	4405	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.40	46º 12' 28.74"	63º 29' 21.48"	400	lb	Concrete	4.6	16	Chain	2016	3	2
A-54	6011.170	NX19	Victoria Harbour Buoy NX19	4405	Unlit	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	3.00	46º 12' 31.38"	63º 29' 21.72"	400	lb	Concrete	3.7	16	Chain	2016	3	2
A-54	6018.150	DE1	Miscouche Shoal can buoy DE1	4459	Unlit	GDI 1.22m Can		Plastic	Green	Seasonal	6.40	46º 20' 47.5"	63º 51' 24"	2500	lb	Serrated	27.4	20	Chain	2016	3	3
A-54	6020.350	DE12	Summerside Spar Buoy DE12	4459	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	46º 23' 2.7"	63º 48' 7.2"	400	lb	Concrete	14	16	Chain	2016	3	3
A-54	6020.500	DE15	Summerside Harbour spar buoy DE15	4459	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	46º 23' 12.4"	63º 47' 35.7"	400	lb	Concrete	14	16	Chain	2016	3	3
A-54	6020.600	DG1	Summerside Harbour spar buoy DG1	4459	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	46º 23' 16.2"	63º 47' 30.7"	400	lb	Concrete	2	16	Chain	2016	3	3
A-54	6020.700	DE16	Summerside Harbour spar buoy DE16	4459	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.00	46º 23' 1.4"	63º 47' 23.5"	600	lb	Concrete	14	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-54	6020.800	DE18	Summerside Harbour spar buoy DE18	4459	Unlit	0.6m Plastic Ice Spar (14 ft. long)		Plastic	Red	Year Round	6.00	46º 23' 6.7"	63º 47' 9.7"	2500	lb	Concrete	14	22	Chain	2016	3	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Cape Egmont to Miminegash		
Contract Area no.:	A-55		
Province(s):	P.E.I		
Contract Area Description:	Includes the area from Cape Egmont to Miminegash, including Abrams Village and West Point.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Off season lantern storage by: Contractor		
Coast Guard Depot:	Charlottetown		
Commissioning date:	May 1st		
Decommissioning date:	December 15th		
Total no. of buoys:	57 total, including 20 uncharted		
Max. buoy size(m) diameter :	1.5		
Maximum anchor size (weight (kg)):	1136		
Maximum buoy weight (kg) :	261		
Maximum water depth (m) :	12		
Operational Season:	May 1st to December 15th		
Overview of work activities:	All of the buoys are 'seasonal'. 15 buoys are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Mooring changes on seasonal buoys are to be completed by the contractor onshore before spring deployment. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	For areas other than West Point, local knowledge is required to place buoys due to shifting channels. See page 2 for information on transitioning from current contract structure and schedule to new contract structure and schedule		

Contract Area name:	Cape Egmont to Miminegash
Contract Area no.:	A-55

Transitioning from current contract structure and schedule to new contract structure and schedule

<u>EXISTING CONTRACT(S)</u>					<u>NEW CONTRACT</u>		
Name	No. of buoys	Last option expiry year					
West Point	6		2015				
Total, 2015:	6				2015 - 2016:	6 buoys	
Summerside (partial)	1		2019**				
Egmont Bay South	15		2019**				
Egmont Bay North	27		2019**				
Miminegash	8		2019**				
Additional sub-total, 2016:	51				2016 to 2019 (or 2020 if option year exercised):	57 buoys	

** Option years after July 2016 on existing contracts are not being exercised by Coast Guard

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A55	1027.600	DN2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M695	Extinguished / Éteinte	17/04/2009	3
A-55	6032.400	DP10	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1389	Off Position / Hors Position	03/06/2010	3
A-55	1032.050	DP	GDI 1.22m plate	GDI 1.22m Can	M1658	Extinguished / Éteinte	16/06/2011	2
A-55	1032.050	DP	GDI 1.22m plate	GDI 1.22m Can	M1375	Showing Improper Character / Caractéristiques Inexactes	03/06/2010	2
A-55	1032.050	DP	GDI 1.22m plate	GDI 1.22m Can	M692	Extinguished / Éteinte	17/04/2009	2
A-55	6027.810	DM5	0.4m SB 40 plate plastique	0.4m SB 40 Can plastic	M2190	Off Position / Hors Position	05/08/2011	3
A-55	1024.500	DG2	1.5m SB 98 plastique	1.5m SB 98 plastic	M1479	Off Position and extinguished / Hors Position et Éteinte	14/06/2010	3
A-55	1027.420	DJ12	2ft 11in Tideland/NPL (WB-390)	2ft 11in Tideland/NPL (WB-390)	M2742	Extinguished / Éteinte	21/09/2011	3
A-55	1027.450	DJ	1.5m SB 98 plastique	1.5m SB 98 plastic	M2513	Extinguished / Éteinte	31/08/2011	2
A-55	1027.450	DJ	1.5m SB 98 plastique	1.5m SB 98 plastic	M2960	Off Position / Hors Position	26/10/2010	2
A-55	1027.700	DM1	0.6m SB 60 espar plate PI	0.6m SB 60 spar Can PI	M1796	Extinguished / Éteinte	30/07/2012	3
A-55	1027.800	DM2	0.6m SB 60 espar conique PI	0.6m SB 60 spar Conical PI	M2008	Extinguished / Éteinte	28/08/2013	3
A-55	6023.700	DH5	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M1060	Off Position / Hors Position	11/05/2012	3
A-55	1023.100	DH2	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2054	Extinguished / Éteinte	14/08/2009	3
A-55	6023.110	DH3	0.3m espar plate-plastique (ORT)	0.3m spar Can-plastic (ORT)	M2394	Off Position / Hors Position	09/09/2009	3
A-55	1023.600	DH14	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M1059	Extinguished / Éteinte	11/05/2012	3
A-55	1023.600	DH14	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2096	Extinguished / Éteinte	12/08/2010	3
A-55	1023.600	DH14	0.3m espar-conique plastique (ORT)	0.3m spar-Conical plastic (ORT)	M2104	Extinguished / Éteinte	17/08/2009	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-55	1027.700	DM1	West Point light buoy DM1	4905	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	6.00	46° 36' 30"	64° 22' 50"	1000		Concrete	15	20	Chain	2016	3	3
A-55	1027.800	DM2	West Point light buoy DM2	4905	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	5.00	46° 36' 30"	64° 22' 15"	1000	lb	Concrete	18.2	20	Chain	2016	3	3
A-55	6027.730	DM3	West Point Shoal can buoy DM3	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.30	46° 36' 50.4"	64° 22' 7.2"	200	lb	Concrete	6	16	Chain	2016	3	3
A-55	6027.740	DM4	West Point Shoal conical buoy DM4	4905	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	3.50	46° 37' 1.2"	64° 22' 16.2"	400	lb	Concrete	6	16	Chain	2016	3	3
A-55	6027.810	DM5	West Point Shoal can buoy DM5	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.80	46° 37' 4.8"	64° 22' 17.4"	200	lb	Concrete	5.5	16	Chain	2016	3	3
A-55	6027.820	DM6	West Point Shoal conical buoy DM6	4905	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	2.50	46° 37' 5.4"	64° 22' 16.8"	400	lb	Concrete	6	16	Chain	2016	3	3
A-55	1032.050	DP	Miminegash light buoy DP	4906	Night	GDI 1.22m Can		Plastic	Red-white	Seasonal	11.00	46° 54' 3"	64° 14' 20"	1250	lb	Serrated	40	20	Chain	2016	3	2
A-55	6032.100	DP3	Miminegash can buoy DP3	4906	Unlit	0.8m SB 75 Can Plastic	34	Plastic	Green	Seasonal	10.00	0° 0' 0"	0° 0' 0"	400	lb	Concrete	20	16	Chain	2016	3	3
A-55	6032.200	DP6	Miminegash conical buoy DP6	4906	Unlit	0.8m SB 75 Conical Plastic	34	Plastic	Red	Seasonal	8.60	0° 0' 0"	0° 0' 0"	400	lb	Concrete	17.2	16	Chain	2016	3	3
A-55	6032.300	DP8	Miminegash spar buoy DP8	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	12.20	0° 0' 0"	0° 0' 0"	400	lb	Concrete	24.4	16	Chain	2016	3	3
A-55	6032.400	DP10	Miminegash spar buoy DP10	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	11.00	0° 0' 0"	0° 0' 0"	400	lb	Concrete	22	16	Chain	2016	3	3
A-55	6032.500	DP12	Miminegash spar buoy DP12	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.40	0° 0' 0"	0° 0' 0"	400	lb	Concrete	14.8	16	Chain	2016	3	3
A-55	6032.600	DP14	Miminegash spar buoy DP14	4906	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.40	0° 0' 0"	0° 0' 0"	400	lb	Concrete	14.8	16	Chain	2016	3	3
A-55	1023.100	DH2	Egmont Bay light buoy DH2	4905	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	46° 27' 8.8"	64° 7' 44"	200	lb	Concrete	12	16	Chain	2016	3	3
A-55	1023.200	DH6	Egmont Bay light buoy DH6	4905	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal		46° 27' 5.061"	64° 7' 17.962"	400	lb	Concrete	7.6	16	Chain	2016	3	3
A-55	1023.300	DH8	Abrams Village light buoy DH8	4905	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.30	46° 27' 2.7"	64° 7' 12.96"	400	lb	Concrete	8.6	16	Chain	2016	3	2
A-55	1023.400	DH9	Abrams Village light buoy DH9	4905	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.20	46° 27' 5.1"	64° 7' 14.64"	200	lb	Concrete		16	Chain	2016	3	2

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-55	1023.500	DH10	Abrams Village light buoy DH10	4905	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.50	46º 26' 59.603"	64º 7' 9.203"	200	lb	Concrete		16	Chain	2016	3	2
A-55	1023.600	DH14	Abrams Village light buoy DH14	4905	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.50	46º 26' 47.937"	64º 6' 55.479"	400	lb	Concrete	3	16	Chain	2016	3	3
A-55	1024.500	DG2	Fishing Cove light buoy DG2	4406	Night	1.5m SB 98 plastic	261	Plastic	Red	Seasonal	9.00	46º 24' 6.244"	64º 8' 30.694"	1500	lb	Serrated	27	22	Chain	2016	3	3
A-55	1027.420	DJ12	Egmont Bay North light buoy DJ12	4905	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal	2.50	46º 33' 28"	64º 5' 18"	200	lb	Concrete	5	20	Chain	2016	3	3
A-55	1027.425	DJ15	Egmont Bay North light buoy DJ15	4905	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Green	Seasonal	2.00	46º 33' 21.24"	64º 5' 38.46"	200	lb	Concrete	4	20	Chain	2016	3	3
A-55	1027.430	DJ20	Egmont Bay North light buoy DJ20	4905	Night	2ft 11in Tideland/NPL (WB-390)	18	Plastic	Red	Seasonal		46º 33' 16.8"	64º 5' 10.2"	200	lb	Concrete	6	16	Chain	2016	3	3
A-55	1027.450	DJ	Egmont Bay light buoy DJ	4905	Night	1.5m SB 98 plastic	261	Plastic	Red-white	Seasonal	5.50	46º 33' 21"	64º 7' 28"	200	lb	Concrete	11	20	Chain	2016	3	2
A-55	1027.600	DN2	Howards Cove light buoy DN2	4906	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	5.00	46º 44' 28"	64º 23' 26"	2500	lb	Serrated	19.6	22	Chain	2016	3	3
A-55	6023.110	DH3	Egmont Bay Green Can Buoy DH3	4905-I	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	46º 27' 10.5"	64º 7' 36.6"	400	lb	Concrete	7.4	16	Chain	2016	3	3
A-55	6023.140	DH12	AbramsVillage Plastic Buoy DH12	4905-I	Unlit	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	46º 26' 53.222"	64º 7' 3.288"	200	lb	Concrete	7.4	16	Chain	2016	3	3
A-55	6023.160	DH11	Abrams Village buoy DH11	4905	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.20	46º 26' 56.341"	64º 7' 4.639"	200	lb	Concrete		16	Chain	2016	3	3
A-55	6023.170	DH13	Abrams Village plastic buoy DH13	4905-I	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.20	46º 26' 50.455"	64º 6' 56.945"	200	lb	Concrete	6	16	Chain	2016	3	3
A-55	6023.520	DH16	Abrams Village plastic buoy DH16	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.20	46º 26' 37.14"	64º 6' 53.28"	200	lb	Concrete		16	Chain	2016	3	3
A-55	6023.530	DH18	Abrams Village plastic buoy DH18	N/A	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	1.50	46º 26' 32.1"	64º 6' 52.14"	200	lb	Concrete		16	Chain	2016	3	3
A-55	6023.540	DH15	Abrams Village plastic buoy DH15	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.20	46º 26' 43.32"	64º 6' 53.28"	200	lb	Concrete		16	Chain	2016	3	3
A-55	6023.550	DH17	Abrams Village plastic buoy DH17	N/A	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	1.50	46º 26' 32.04"	64º 6' 50.88"	200	lb	Concrete		16	Chain	2016	3	3
A-55	6023.700	DH5	Egmont Bay South Buoy DH5	4905	Unlit	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	0.00	46º 27' 7.238"	64º 7' 21.642"	200	lb	Concrete	7.4	16	Chain	2016	3	3
A-55	6024.100	DJ1	Egmont Bay North green buoy DJ1	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	46º 33' 22.2"	64º 5' 36"	200	lb	Concrete	7.4	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-55	6024.101	DJ2	Egmont Bay North DJ2	4905-I	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	0º 0' 0"	0º 0' 0"	200	lb	Concrete	5.4	16	Chain	2016	3	3
A-55	6024.102	DJ3	Egmont Bay North Buoy DJ3	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.70	0º 0' 0"	0º 0' 0"	200	lb	Concrete	7.4	16	Chain	2016	3	3
A-55	6024.103	DJ4	Egmont Bay North DJ4	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.70	46º 33' 20.4"	64º 5' 40.2"	200	lb	Concrete	5.4	16	Chain	2016	3	3
A-55	6024.110	DJ5	Moores Reef green buoy DJ5	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	2.50	0º 0' 0"	0º 0' 0"	200	lb	Concrete	5	16	Chain	2016	3	3
A-55	6024.120	DJ6	Egmont Bay North red buoy DJ6	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.70	0º 0' 0"	0º 0' 0"	200	lb	Concrete	7.4	16	Chain	2016	3	3
A-55	6024.130	DJ7	Egmont Bay North green can buoy DJ7	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 33' 23.52"	64º 5' 59.58"	200	lb	Concrete	6	16	Chain	2016	3	3
A-55	6024.140	DJ8	Sandy Point Enmore Harbour Buoy DJ8	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.70	0º 0' 0"	0º 0' 0"	200	lb	Concrete	7.4	16	Chain	2016	3	3
A-55	6024.141	DJ9	Egmont Bay North DJ9	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.60	0º 0' 0"	0º 0' 0"	200	lb	Concrete	7.4	16	Chain	2016	3	3
A-55	6024.142	DJ10	Egmont Bay North Plastic Buoy DJ10	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	5.40	0º 0' 0"	0º 0' 0"	200	lb	Concrete	10	16	Chain	2016	3	3
A-55	6024.143	DJ11	Egmont Bay North DJ11	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	5.00	46º 33' 24"	64º 5' 54"	200	lb	Concrete	10	16	Chain	2016	3	3
A-55	6024.160	DJ13	Scraggins Point Reef DJ13	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	9	16	Chain	2016	3	3
A-55	6024.175	DJ14	Egmont Bay North DJ14	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	2.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	4	16	Chain	2016	3	3
A-55	6024.180	DJ16	Bolloms Rock buoy DJ16	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	6	16	Chain	2016	3	3
A-55	6024.190	DJ18	Percival River buoy DJ18	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46º 33' 25.2"	64º 5' 55.8"	200	lb	Concrete	6	16	Chain	2016	3	3
A-55	6024.200	DJ17	Percival River buoy DJ17	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	6	16	Chain	2016	3	3
A-55	6024.210	DJ19	Egmont Bay North DJ19	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	0º 0' 0"	0º 0' 0"	200	lb	Concrete	6	16	Chain	2016	3	3
A-55	6024.220	PLAS1	Egmont Bay North green can buoy PLAS1	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 33' 24.6"	64º 5' 16.2"	50	lb	Concrete	5	16	Chain	2016	3	3
A-55	6024.230	PLAS1	Egmont Bay North green can buoy PLAS1	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 33' 25.2"	64º 5' 31.2"	50	lb	Concrete	5	16	Chain	2016	3	3
A-55	6024.240	PLAS1	Egmont Bay North green can buoy PLAS1	4905	Unlit	0.4m SB 40 Can Plastic	11	Plastic	Green	Seasonal	3.00	46º 33' 28.8"	64º 5' 21.6"	50	lb	Concrete	5	16	Chain	2016	3	3
A-55	6024.250	PLAS1	Egmont Bay North red conical buoy PLAS1	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46º 33' 20.4"	64º 5' 50.4"	50	lb	Concrete	5	16	Chain	2016	3	3
A-55	6024.260	PLAS1	Egmont Bay North red conical buoy PLAS1	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46º 33' 21"	64º 5' 34.8"	50	lb	Concrete	5	16	Chain	2016	3	3

APPENDIX C.2, ATLANTIC REGION

BUOY DATA

														Anchor			Mooring					
Contract Area	List of Light No	Aid Id	Aid Name	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Next change	Change cycle (years)	Importance
A-55	6024.270	PLAS1	Egmont Bay North red conical buoy PLAS1	4905	Unlit	0.4m SB 40 Conical Plastic	11	Plastic	Red	Seasonal	3.00	46° 33' 24"	64° 5' 30"	50	lb	Concrete	6	16	Chain	2016	3	3

Contract Area name:	Grey Islands
Contract Area no.:	A-56
Province(s):	Newfoundland and Labrador
Contract Area Description:	Entrance to Chimney Bay.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>
Coast Guard Depot:	St.Johns
Commissioning date:	April 15th
Decommissioning date:	December 30th
Total no. of buoys:	1
Max. buoy size(m) diameter :	0.6
Maximum anchor size (weight (kg)):	680
Maximum buoy weight (kg) :	95
Maximum water depth (m) :	16
Operational Season:	April 15th to December 30th
Overview of work activities:	The buoy is seaonal and is equipped with a lantern. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Unscheduled work includes response to discrepancies during the operational season.

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-56	251.500	KR2	Marten's Rock Light Buoy KR2	NL	4583	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	16.00	50° 45' 22.74"	56° 9' 14.88"	680	kg	Serrated	25	16	Chain	2

Contract Area Overview.

Contract Area name:	White Bay Area		
Contract Area no.:	A-57, A-C		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	The Contract Area includes White Bay Fleur de Lys to La Scie and consists of 3 sub-contract areas: A-56A: Fleur de Lys & Coachman's Cove 6 buoys A-56B: Pacquet 2 buoys A-56C:La Scie 3 buoys		
Material transportation & Storage:	Material storage by: Canadian Coast Guard Material transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>		
Coast Guard Depot:	St.Johns		
Commissioning date:	April 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	11		
Max. buoy size(m) diameter :	0.3		
Maximum anchor size (weight (kg)):	136		
Maximum buoy weight (kg) :	39		
Maximum water depth (m) :	10		
Operational Season:	April 15th to November 30th		
Overview of work activities:	All of the buoys are 'seasonal' and are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	The sub areas will be tendered as separate contracts.		

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-57A	257.310	KF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N970/10	Extinguished / Éteinte	31/05/2010	3
A-57A	257.410	KF4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N971/10	Extinguished / Éteinte	31/05/2010	3
A-57A	257.300	KF1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1021/11	Extinguished / Éteinte	29/06/2011	3
A-57A	257.310	KF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1022/11	Extinguished / Éteinte	29/06/2011	3
A-57A	257.400	KF3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1023/11	Extinguished / Éteinte	29/06/2011	3
A-57A	257.410	KF4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1024/11	Extinguished / Éteinte	29/06/2011	3
A-57A	257.420	KF5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1025/11	Extinguished / Éteinte	29/06/2011	3
A-57A	268.100	KC3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1205/12	Off Position / Hors Position	12/06/2012	3
A-57B	264.200	KP2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1590/09	Extinguished / Éteinte	09/09/2009	3
A-57B	264.100	KP1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1533/11	Extinguished / Éteinte	08/09/2011	3
A-57C	265.100	KE2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1477/09	Extinguished / Éteinte	17/08/2009	3
A-57C	267.100	KL4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1593/10	Extinguished / Éteinte	15/09/2010	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-57A	257.300	KF1	Fleur De Lys Light Buoy KF1	NL	4821	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	50° 6' 59.28"	56° 7' 32.94"	136	kg	Serrated	11	16	Rope	3
A-57A	257.310	KF2	Fleur De Lys (Welsh Point) Light Buoy KF2	NL	4821	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	50° 7' 3"	56° 7' 33.66"	136	kg	Serrated	7	16	Rope	3
A-57A	257.400	KF3	Fleur De Lys White Bay Light Buoy KF3	NL	4821	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	50° 7' 2.28"	56° 7' 38.94"	136	kg	Serrated	7	16	Rope	3
A-57A	257.410	KF4	Fleur De Lys Light Buoy KF4	NL	4821	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	50° 7' 6.06"	56° 7' 46.8"	136	kg	Serrated	7	16	Rope	3
A-57A	257.420	KF5	Fleur De Lys Light Buoy KF5	NL	4821	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	50° 7' 1.86"	56° 7' 57.54"	136	kg	Serrated	7	16	Rope	3
A-57A	268.100	KC3	Gentile Shoal Light Buoy KC3	NL	4521	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	50° 3' 15"	56° 6' 31.32"	136	kg	Serrated	12	16	Rope	3
A-57B	264.100	KP1	Pacquet Harbour Light Buoy KP1	NL	4821	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	49° 59' 12.84"	55° 52' 18.48"	136	kg	Serrated	11	16	Rope	3
A-57B	264.200	KP2	Pacquet Harbour Light Buoy KP2	NL	4821	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	49° 59' 22.2"	55° 52' 18.06"	136	kg	Serrated	11	16	Rope	3
A-57C	265.100	KE2	Crocodile Shoal Light Buoy KE2	NL	4821	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 55' 20.7"	55° 43' 59.7"	136	kg	Serrated	7	16	Rope	3
A-57C	266.990	KL3	La Scie East Shoal Light Buoy KL3	NL	4522	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	49° 57' 47.23"	55° 36' 11.22"	136	kg	Serrated	12	16	Rope	3
A-57C	267.100	KL4	La Scie Light Buoy KL4	NL	4522	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	49° 57' 28.83"	55° 35' 54.82"	136	kg	Serrated	6	16	Rope	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Notre Dame Bay		
Contract Area no.:	A-58, A-E		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	The Contract Area includes Notre Dame Bay from Nipper's Harbour to Durrell and consists of 5 sub-contract areas, see table, page 2.		
Material transportation & Storage:	Material storage by: Canadian Coast Guard Material transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG depot at end of operational season (shipping paid by CCG).</i>		
Coast Guard Depot:	St.Johns		
Commissioning date:	April 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	110		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	55		
Operational Season:	April 15th to November 30th		
Overview of work activities:	10 of the buoys are year round, 99 are 'seasonal' . All buoys are equipped with lanterns. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	The sub areas will be tendered as separate contracts.		

Contract Area name:	Notre Dame Bay
Contract Area no.:	A-58, A-E

Contract Area name:	Notre Dame Bay
Contract Area no.:	A-58, A-E
Sub-contract areas	
A-58A: Nippers Harbour	2 buoys
A-58B: Little Burnt Bay	18 buoys
A-58C:Bridgeport	35 buoys
A-58D:Twillingate (partial)	24 buoys
A-58E: from Garden Cove to Point May excluding the harbour areas	31 buoys

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-58A	326.200	DNR4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1227/13	Extinguished / Éteinte	17/06/2013	3
A-58A	326.400	DNR3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1228/13	Reduced Intensity / Intensité réduite	17/06/2013	3
A-58B	361.030	DE6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1020/11	Extinguished / Éteinte	29/06/2011	3
A-58B	361.010	DE4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1347/11	Extinguished / Éteinte	07/09/2011	3
A-58B	361.080	DDL1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1218/12	Off Position / Hors Position	09/06/2012	3
A-58B	347.300	DBE3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N145/12	Extinguished / Éteinte	13/02/2012	3
A-58B	361.030	DE6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1165/12	Off Position / Hors Position	10/06/2012	3
A-58B	350.120	DPB3	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1592/12	Extinguished / Éteinte	17/08/2012	3
A-58B	347.300	DBE3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1493/12	Off Position / Hors Position	31/07/2012	3
A-58B	361.080	DDL1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1218/12	Off Position / Hors Position	14/06/2012	3
A-58B	361.080	DDL1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1147/12	Off Position / Hors Position	09/06/2012	3
A-58B	352.940	DSC	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1485/13	Showing Improper Character / Caractéristiques Inexactes	04/08/2013	3
A-58B	347.370	DBE3/1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1247/13	Submerged / Submergée	23/06/2013	3
A-58C	355.080	DY18	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1295/10	Off Position / Hors Position	14/07/2010	3
A-58C	360.520	DCC2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N2053/10	Extinguished / Éteinte	24/11/2010	3
A-58C	355.081	DY12/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N927/11	Off Position / Hors Position	13/06/2011	3
A-58C	360.520	DCC2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N888/11	Extinguished / Éteinte	10/06/2011	3
A-58C	355.073	DY3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1099/12	Extinguished / Éteinte	05/06/2012	3
A-58C	354.950	DU2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1100/12	Extinguished / Éteinte	05/06/2012	3
A-58C	355.086	DY21	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1445/12	Off Position / Hors Position	20/07/2012	3
A-58C	355.081	DY12/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1446/12	Off Position / Hors Position	20/07/2012	3
A-58C	354.950	DU2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1593/12	Extinguished / Éteinte	17/08/2012	3

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Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-58C	355.081	DY12/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1676/12	Extinguished / Éteinte	05/09/2012	3
A-58C	355.088	DY15	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1677/12	Extinguished / Éteinte	05/09/2012	3
A-58C	355.076	DY5/1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1650/12	Extinguished / Éteinte	31/08/2012	3
A-58C	355.081	DY12/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1676/12	Extinguished / Éteinte	05/09/2012	3
A-58C	355.088	DY15	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1677/12	Extinguished / Éteinte	05/09/2012	3
A-58C	355.083	DY25	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1197/13	Extinguished / Éteinte	13/06/2013	3
A-58C	355.085	DY23	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1196/13	Extinguished / Éteinte	13/06/2013	3
A-58C	355.080	DY18	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1195/13	Extinguished / Éteinte	13/06/2013	3
A-58C	355.095	DY14	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1194/13	Extinguished / Éteinte	13/06/2013	3
A-58C	355.078	DY12	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1193/13	Extinguished / Éteinte	13/06/2013	3
A-58C	354.950	DU2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1192/13	Extinguished / Éteinte	13/06/2013	3
A-58D	358.192	DT4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1384/09	Extinguished / Éteinte	02/08/2009	2
A-58D	358.161	D3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1373/09	Off Position / Hors Position	30/07/2009	3
A-58D	358.170	D1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1372/09	Off Position / Hors Position	30/07/2009	3
A-58D	358.400	DT10	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1638/09	Extinguished / Éteinte	21/09/2009	3
A-58D	358.192	DT4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1816/09	Off Position / Hors Position	30/10/2009	2
A-58D	358.192	DT4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1616/09	Extinguished / Éteinte	15/09/2009	2
A-58D	358.192	DT4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1049/10	Off Position / Hors Position	09/06/2010	2
A-58D	358.161	D3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1355/10	Extinguished / Éteinte	28/07/2010	3
A-58D	358.159	D5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1351/10	Extinguished / Éteinte	28/07/2010	3
A-58D	358.192	DT4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N742/11	Off Position / Hors Position	25/05/2011	2
A-58D	358.193	DT5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1030/11	Extinguished / Éteinte	30/06/2011	3

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A-58D	358.390	DT9	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1032/11	Extinguished / Éteinte	30/06/2011	3
A-58D	358.170	D1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1120/11	Off Position / Hors Position	18/07/2011	3
A-58D	358.100	DT2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1102/12	Extinguished / Éteinte	05/06/2012	3
A-58D	358.110	D9	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1563/11	Extinguished / Éteinte	14/10/2011	3
A-58D	358.159	D5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1562/11	Extinguished / Éteinte	14/10/2011	3
A-58D	358.150	D4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1561/11	Extinguished / Éteinte	14/10/2011	3
A-58D	358.130	D8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1560/11	Extinguished / Éteinte	14/10/2011	3
A-58D	358.140	D6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1463/11	Off Position / Hors Position	30/09/2011	3
A-58D	358.120	D7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1462/11	Off Position / Hors Position	30/09/2011	3
A-58D	358.170	D1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1416/11	Off Position / Hors Position	21/10/2011	3
A-58D	358.100	DT2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1352/12	Extinguished / Éteinte	04/07/2012	3
A-58D	358.192	DT4	0.6m Spar Conical (Long)	0.6m espar conique (Lona)	N1353/12	Extinguished / Éteinte	04/07/2012	2
A-58D	358.170	D1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1360/12	Extinguished / Éteinte	05/07/2012	3
A-58D	358.160	D2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1361/12	Extinguished / Éteinte	05/07/2012	3
A-58D	358.150	D4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1367/12	Extinguished / Éteinte	05/07/2012	3
A-58D	358.159	D5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1424/12	Extinguished / Éteinte	16/07/2012	3
A-58D	358.110	D9	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1739/12	Off Position / Hors Position	18/09/2012	3
A-58D	358.200	DT6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1415/12	Showing Improper Character / Caractéristiques Inexactes	13/07/2012	3
A-58D	358.110	D9	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1739/12	Off Position / Hors Position	18/09/2012	3
A-58D	358.200	DT6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1496/13	Extinguished / Éteinte	09/08/2013	3
A-58D	358.300	DT8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1497/13	Extinguished / Éteinte	09/08/2013	3
A-58E	352.800	DLW1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1130/09	Showing Improper Character / Caractéristiques Inexactes	24/06/2009	2

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-58E	344.410	DWG5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N999/09	Extinguished / Éteinte	19/06/2009	3
A-58E	331.900	DLB2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1417/09	Off Position / Hors Position	06/08/2009	3
A-58E	388.090	DHS	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N2051/09	Off Position / Hors Position	25/11/2009	3
A-58E	336.260	DB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N2348/09	Off Position / Hors Position	29/12/2009	2
A-58E	331.900	DLB2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1266/10	Off Position / Hors Position	08/07/2010	3
A-58E	336.250	DB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1372/10	Off Position / Hors Position	01/08/2010	2
A-58E	336.250	DB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1372/10	Submerged / Submergée	01/08/2010	2
A-58E	341.495	DR2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1489/10	Extinguished / Éteinte	24/08/2010	3
A-58E	331.900	DLB2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1603/10	Off Position / Hors Position	16/09/2010	3
A-58E	353.250	DLW3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N741/11	Off Position / Hors Position	25/05/2011	2
A-58E	352.800	DLW1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N819/11	Extinguished / Éteinte	03/06/2011	2
A-58E	336.260	DB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1159/11	Off Position / Hors Position	22/07/2011	2
A-58E	336.260	DB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1262/11	Extinguished / Éteinte	20/08/2011	2
A-58E	340.300	DLR3	0.6m SB 60 Spar Can Pl	0.6m SB 60 espar plate Pl	N597/12	Extinguished / Éteinte	04/05/2012	2
A-58E	340.100	DLR1	0.6m SB 60 Spar Can Pl	0.6m SB 60 espar plate Pl	N596/12	Off Position / Hors Position	04/05/2012	2
A-58E	345.300	DWD	1.4m Buoy	1.4m bouée	N511/12	Off Position / Hors Position	25/04/2012	2
A-58E	336.270	DB5	0.6m Spar Can (Long)	0.6m espar plate (Long)	N533/12	Extinguished / Éteinte	28/04/2012	2
A-58E	335.900	DBB	0.6m Spar Can (Long)	0.6m espar plate (Long)	N884/12	Extinguished / Éteinte	23/05/2012	2
A-58E	336.210	DB2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N8783/12	Extinguished / Éteinte	23/05/2012	2
A-58E	336.260	DB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N877/12	Extinguished / Éteinte	23/05/2012	2
A-58E	344.410	DWG5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N857/12	Off Position / Hors Position	22/05/2012	3
A-58E	336.000	DB1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1020/12	Extinguished / Éteinte	30/05/2012	2
A-58E	352.800	DLW1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N136/12	Extinguished / Éteinte	10/02/2012	2

Historique des pannesOutage History

Janvier 2009- décembre 2013

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-58E	335.900	DBB	0.6m Spar Can (Long)	0.6m espar plate (Long)	N309/12	Extinguished / Éteinte	31/03/2012	2
A-58E	345.300	DWD	1.4m Buoy	1.4m bouée	N1637/11	Off Position / Hors Position	23/11/2011	2
A-58E	336.250	DB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1864/11	Reduced Intensity / Intensité réduite	22/11/2011	2
A-58E	336.210	DB2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1865/11	Extinguished / Éteinte	22/11/2011	2
A-58E	336.260	DB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1727/11	Extinguished / Éteinte	08/11/2011	2
A-58E	340.300	DLR3	0.6m SB 60 Spar Can Pl	0.6m SB 60 espar plate Pl	N1875/11	Extinguished / Éteinte	23/11/2011	2
A-58E	336.260	DB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1397/11	Partially Submerged / Partiellement Submergée	16/09/2011	2
A-58E	345.300	DWD	1.4m Buoy	1.4m bouée	N1574/11	Off Position / Hors Position	14/10/2011	2
A-58E	327.900	DMM6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1465/11	Extinguished / Éteinte	30/09/2011	3
A-58E	352.960	DSP1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1423/12	Off Position / Hors Position	16/07/2012	3
A-58E	336.210	DB2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1529/12	Off Position / Hors Position	04/08/2012	2
A-58E	336.210	DB2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1529/12	Partially Submerged / Partiellement Submergée	04/08/2012	2
A-58E	331.900	DLB2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1535/12	Off Position / Hors Position	07/08/2012	3
A-58E	352.960	DSP1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1494/12	Off Position / Hors Position	31/07/2012	3
A-58E	355.600	DVP3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1581/12	Extinguished / Éteinte	15/08/2012	3
A-58E	336.260	DB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N377/12	Extinguished / Éteinte	16/04/2012	2
A-58E	336.250	DB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N378/12	Extinguished / Éteinte	16/04/2012	2
A-58E	336.000	DB1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N379/12	Extinguished / Éteinte	16/04/2012	2
A-58E	336.210	DB2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N380/12	Extinguished / Éteinte	16/04/2012	2
A-58E	335.900	DBB	0.6m Spar Can (Long)	0.6m espar plate (Long)	N385/12	Extinguished / Éteinte	16/04/2012	2
A-58E	336.250	DB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N0438/13	Extinguished / Éteinte	21/03/2013	2
A-58E	336.250	DB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N0438/13	Off Position / Hors Position	21/03/2013	2
A-58E	336.260	DB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N0439/13	Extinguished / Éteinte	21/03/2013	2

Historique des pannesOutage History

Janvier 2009- décembre 2013

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-58E	336.260	DB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N0439/13	Off Position / Hors Position	21/03/2013	2
A-58E	336.000	DB1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N610/13	Extinguished / Éteinte	26/04/2013	2
A-58E	336.210	DB2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N611/13	Extinguished / Éteinte	26/04/2013	2
A-58E	336.270	DB5	0.6m Spar Can (Long)	0.6m espar plate (Long)	N612/13	Extinguished / Éteinte	26/04/2013	2
A-58E	335.900	DBB	0.6m Spar Can (Long)	0.6m espar plate (Long)	N613/13	Extinguished / Éteinte	26/04/2013	2
A-58E	344.400	DWG3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N730/13	Off Position / Hors Position	09/05/2013	3
A-58E	341.495	DR2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1426/13	Submerged / Submergée	20/07/2013	3
A-58E	331.900	DLB2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1455/13	Off Position / Hors Position	29/07/2013	3
A-58E	352.960	DSP1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1484/13	Extinguished / Éteinte	04/08/2013	3
A-58E	352.800	DLW1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1634/13	Extinguished / Éteinte	13/09/2013	2
A-58E	336.250	DB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N876/12		23/05/2012	2

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-58E	DBP2	355.2	1.4m Buoy / 1.4m bouée	Cast-iron	1134	20	73	Sealite Trident-1400	Cast-Iron/fonte	907	20	73
A-58E	DL1	333	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	27.4	Sealite Trident-1400	Cast-Iron/fonte	800	20	22.9
A-58E	DNR2	326.3	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	27.4	Sealite Trident-1400	Cast-Iron/fonte	1000	26	36.6
A-58E	DWD	345.3	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1814	20	27.4	Sealite Trident-1400	Cast-Iron/fonte	1500	20	27.4
A-59E	DD2	378.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	36.6	Sealite Trident-1400	Cast-Iron/fonte	907	20	36.6
A-59E	DD3	378.6	1.4m Buoy / 1.4m bouée	Cast-iron	1134	20	27.4	Sealite Trident-1400	Cast-Iron/fonte	907	26	27.4

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-58	336.00	DB1	Tom Cod Rock Light Buoy DB1	2017
A-58	336.21	DB2	Otter Island Shoal Light Buoy DB2	2017
A-58	336.25	DB3	Little Bay Arm Light Buoy DB3	2017
A-58	336.26	DB4	Otter Island Narrows Light Buoy DB4	2017
A-58	336.27	DB5	Little Bay Arm Light Buoy DB5	2017
A-58	335.90	DBB	Mussel Rock Shoal West Cardinal Light Buoy DBB	2015
A-58	352.80	DLW1	Mussel Bed Rocks Light Buoy DLW1	2015
A-58	352.40	DLW2	Jobs Island Light Buoy DLW2	2015
A-58	353.25	DLW3	Shoal Point Lewisporte Light Buoy DLW3	2017
A-58	358.19	DT4	Twillingate (North Young Point) Light Buoy DT4	2017

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-58A	326.200	DNR4	Nippers Harbour #2 Light Buoy DNR4	NL	4821	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.00	49° 47' 41.34"	55° 51' 43.56"	136	kg	Serrated	12	16	Rope	3
A-58A	326.400	DNR3	Nippers Harbour #1 Light Buoy DNR3	NL	4821	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.00	49° 47' 37.5"	55° 51' 36"	136	kg	Serrated	9	16	Rope	3
A-58B	347.300	DBE3	Long Island Rocks Light Buoy DBE3	NL	4864	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	49° 28' 52.14"	55° 1' 12.42"	136	kg	Serrated	12	16	Rope	3
A-58B	347.370	DBE3/1	Little Burnt Bay Light Buoy DBE3/1	NL	4865	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	49° 21' 27.1"	55° 4' 39.4"	136	kg	Serrated	9.3	16	Rope	3
A-58B	347.400	DBE2	Swan Island Rock Light Buoy DBE2	NL	4864	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	49° 27' 49.22"	55° 1' 41.7"	136	kg	Serrated	9	16	Rope	3
A-58B	348.200	DBE5	Upper Black Island Rocks Light Buoy DBE5	NL	4864	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.20	49° 24' 18.36"	55° 8' 16.02"	136	kg	Serrated	11	16	Rope	3
A-58B	350.120	DPB3	Point Of Bay Shoal Light Buoy DPB3	NL	4596	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Green	Seasonal	22.00	49° 15' 43.3"	55° 14' 25.9"	136	kg		43.9	16	Rope	3
A-58B	352.600	DBE4	Little Burnt Bay Shoal Light Buoy DBE4	NL	4865	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	49° 21' 24.84"	55° 4' 42.66"	136	kg	Serrated	4	16	Rope	3
A-58B	352.940	DSC	Shoal Tickle East Cardinal Light Buoy DSC	NL	4865	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow-black	Seasonal	10.00	49° 20' 40.2"	55° 1' 27.6"	136	kg	Serrated	15.2	16	Rope	3
A-58B	352.960	DSP1	Shoal Tickle Light Buoy DSP1	NL	4865	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	49° 21' 8.04"	55° 1' 35.64"	136	kg	Serrated	9.1	16	Rope	3
A-58B	352.970	DSP2	Shoal Tickle Light Buoy DSP2	NL	4865	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 21' 14.2"	55° 01' 44.8"	136	kg	Serrated		16	Rope	1
A-58B	359.900	DSR	Sunker Rock West Cardinal Light Buoy DSR	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black-yellow	Seasonal	15.00	49° 32' 32.4"	54° 57' 19.2"	136	kg	Serrated	15.2	16	Rope	2
A-58B	361.010	DE4	Exploits Outer Light Buoy DE4	NL	4864	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	49° 30' 58.2"	55° 4' 4.8"	136	kg	Serrated	6	16	Rope	3
A-58B	361.020	DE5	Exploits Outer Light Buoy DE5	NL	4864	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.20	49° 30' 55.2"	55° 4' 3"	136	kg	Serrated	7	16	Rope	3
A-58B	361.030	DE6	Exploits Inner Light Buoy DE6	NL	4864	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	49° 31' 14.34"	55° 4' 3.42"	136	kg	Serrated	8	16	Rope	3
A-58B	361.040	DE7	Exploits Inner Light Buoy DE7	NL	4864	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	49° 31' 4.8"	55° 4' 6"	136	kg	Serrated	10	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-58B	361.060	DBT2	Seal Rock Light Buoy DBT2	NL	4864	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	49° 32' 16.92"	54° 58' 8.4"	136	kg	Serrated	11	16	Rope	3
A-58B	361.070	DBT3	Black Island Tickle Light Buoy DBT3	NL	4864	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	49° 31' 1.62"	54° 58' 25.08"	136	kg	Serrated	8	20	Rope	3
A-58B	361.080	DDL1	Western Rock #1 Light Buoy DDL1	NL	4864	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	49° 31' 55.32"	54° 58' 36.48"	136	lb	Serrated	10	16	Rope	3
A-58B	361.090	DDL2	Western Rock #2 Light Buoy DDL2	NL	4864	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.00	49° 31' 55.8"	54° 58' 37.14"	136	kg	Serrated	10	16	Rope	3
A-58C	354.950	DU2	Summerford Light Buoy DU2	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	15.20	49° 29' 13.38"	54° 47' 51"	136	kg	Serrated	17.2	16	Rope	3
A-58C	355.071	DY2	Dildo Run Light Buoy DY2	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.50	49° 32' 3.3"	54° 40' 31.08"	136	kg	Serrated	11.5	16	Rope	3
A-58C	355.072	DY4	Dildo Run Light Buoy DY4	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	49° 31' 45.1"	54° 41' 22.86"	136	kg	Serrated	11	16	Rope	3
A-58C	355.073	DY3	Dildo Run Light Buoy DY3	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.60	49° 31' 56.28"	54° 40' 56.04"	136	kg	Serrated	7.6	16	Rope	3
A-58C	355.074	DY5	Dildo Run Light Buoy DY5	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	49° 31' 33.7"	54° 41' 28.3"	136	kg	Serrated	9	16	Rope	3
A-58C	355.075	DY6	Dildo Run Light Buoy DY6	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.50	49° 31' 35.5"	54° 41' 36"	136	kg	Serrated	11.5	16	Rope	3
A-58C	355.076	DY5/1	Dildo Run Light Buoy DY5/1	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	49° 31' 5.7"	54° 42' 7.2"	136	kg	Serrated	11	16	Rope	3
A-58C	355.078	DY12	Dildo Run Light Buoy DY12	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	49° 30' 10.439"	54° 42' 59.17"	136	kg	Serrated	5	16	Rope	3
A-58C	355.079	DY10	Dildo Run Light Buoy DY10	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.10	49° 30' 29.504"	54° 42' 46.91"	136	kg	Serrated	9.1	16	Rope	3
A-58C	355.080	DY18	Solid Island Light Buoy DY18	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.50	49° 27' 23.9"	54° 48' 17.76"	136	kg	Serrated	11.5	16	Rope	3
A-58C	355.081	DY12/2	South Downkist Light Buoy DY12/2	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	11.70	49° 27' 51"	54° 45' 54.3"	136	kg	Serrated	13.7	16	Rope	3
A-58C	355.083	DY25	Butterfly Rock Light Buoy DY25	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.50	49° 27' 17.88"	54° 47' 12.84"	136	kg	Serrated	5.5	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-58C	355.084	DY8	Sloping Rock Light Buoy DY8	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.00	49° 30' 54.5"	54° 42' 19.2"	136	kg	Serrated	12	16	Rope	3
A-58C	355.085	DY23	Dildo Channel Light Buoy DY23	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	49° 27' 24.18"	54° 46' 53.8"	136	kg	Serrated	7.5	16	Rope	3
A-58C	355.086	DY21	Causeway Inner Light Buoy DY21	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.50	49° 27' 33.9"	54° 46' 21.3"	136	kg	Serrated	9.5	16	Rope	3
A-58C	355.087	DY19	Causeway Inner Light Buoy DY19	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.30	49° 27' 59.7"	54° 45' 27.4"	136	kg	Serrated	11.5	16	Rope	3
A-58C	355.088	DY15	Causeway Outer Light Buoy DY15	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.50	49° 28' 35.94"	54° 44' 20.04"	136	kg	Serrated	9	16	Rope	3
A-58C	355.089	DY13	Causeway Outer Light Buoy DY13	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	49° 28' 58.08"	54° 43' 48.06"	136	kg	Serrated	7.5	16	Rope	3
A-58C	355.091	DY11/1	Dildo Run Light Buoy DY11/1	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	49° 29' 27.506"	54° 43' 24.804"	136	kg	Serrated	6	16	Rope	3
A-58C	355.092	DY11	Tanners Rock Light Buoy DY11	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	49° 29' 38.1"	54° 43' 16.68"	136	kg	Serrated	12	16	Rope	3
A-58C	355.094	DY9	Jermey Rock Light Buoy DY9	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	49° 30' 8.22"	54° 42' 57"	136	kg	Serrated	10	16	Rope	3
A-58C	355.095	DY14	Dildo Run Light Buoy DY14	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	49° 27' 22.403"	54° 47' 9.297"	136	kg	Serrated	6	16	Rope	3
A-58C	355.096	DY7	7/8 Point Light Buoy DY7	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	49° 30' 29.22"	54° 42' 42.9"	136	kg	Serrated	7	16	Rope	3
A-58C	355.110	DA2	Cottlesville Light Buoy DA2	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	16.50	49° 30' 27.475"	54° 52' 26.392"	136	kg	Serrated	18.5	16	Rope	3
A-58C	355.120	DA3	Factory Island Light Buoy DA3	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	49° 30' 30.163"	54° 52' 16.236"	136	kg	Serrated	7	16	Rope	3
A-58C	355.129	DA5	Black Rock Light Buoy DA5	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	49° 30' 31.955"	54° 52' 5.614"	136	kg	Serrated	7	16	Rope	3
A-58C	355.130	DAA1	Cottlesville Harbour Light Buoy DAA1	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.50	49° 30' 47.065"	54° 52' 2.478"	136	kg	Serrated	5.5	16	Rope	3
A-58C	355.600	DVP3	Sheers Rock Light Buoy DVP3	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.10	49° 33' 57.06"	54° 54' 4.44"	136	kg	Serrated	11	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-58C	355.700	DVP4	Point of Lamb Light Buoy DVP4	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.50	49° 33' 59.58"	54° 53' 56.94"	136	kg	Serrated	5.5	16	Rope	3
A-58C	355.800	DVP5	Bilge Rock Light Buoy DVP5	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.50	49° 34' .18"	54° 53' 57.06"	136	kg	Serrated	4.5	16	Rope	3
A-58C	356.100	DM3	Moreton's Harbour Outer Light Buoy DM3	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	49° 34' 22.554"	54° 51' 48.235"	136	kg	Serrated	9.3	16	Rope	3
A-58C	356.200	DM5	Moreton's Harbour Inner Light Buoy DM5	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	49° 34' 19.265"	54° 51' 47.769"	136	kg	Serrated	7.5	16	Rope	3
A-58C	360.480	DVA1	Virgin Arm Light Buoy DVA1	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.20	49° 32' 10.8"	54° 45' 47.3"	136	kg	Serrated	10.2	16	Rope	3
A-58C	360.490	DVA2	Virgin Arm Shoal Light Buoy DVA2	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	22.00	49° 32' 43.03"	54° 45' 34.99"	136	kg		24	16	Rope	3
A-58C	360.520	DCC2	Carter's Cove Rock Light Buoy DCC2	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.80	49° 32' 20.1"	54° 47' 28.2"	136	kg	Serrated	4	20	Rope	3
A-58D	358.100	DT2	Twillingate Harbour Light Buoy DT2	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.10	49° 39' 16.7"	54° 46' 7.3"	136	kg	Serrated	11	16	Rope	3
A-58D	358.110	D9	White Ground Light Buoy D9	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	30.00	49° 40' 27.54"	54° 45' 59.52"	136	kg	Serrated	32	16	Rope	3
A-58D	358.120	D7	Burnt Island Channel Light Buoy D7	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.00	49° 40' 40.5"	54° 45' 36"	136	kg	Serrated	17	16	Rope	3
A-58D	358.130	D8	Hacket Cove Head Light Buoy D8	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.00	49° 40' 45"	54° 45' 43.2"	136	kg	Serrated	12	16	Rope	3
A-58D	358.140	D6	Little Red Rock Light Buoy D6	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	13.50	49° 40' 47"	54° 45' 15"	136	kg	Serrated	15.5	16	Rope	3
A-58D	358.150	D4	Roses Head Light Buoy D4	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	11.00	49° 40' 52"	54° 44' 54"	136	kg	Serrated	13	16	Rope	3
A-58D	358.159	D5	Burnt Island Channel Light Buoy D5	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	14.60	49° 40' 45.798"	54° 45' 4.398"	136	kg	Serrated	17	16	Rope	3
A-58D	358.160	D2	9 Feet Rock Light Buuoy D2	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	32.00	49° 41' 1.5"	54° 44' 8"	136	kg	Serrated	34	16	Rope	3
A-58D	358.161	D3	Rodger Light Buoy D3	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.10	49° 40' 49.2"	54° 44' 40.2"	136	kg	Serrated	11	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-58D	358.170	D1	Pauls Cap Light Buoy D1	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	18.30	49° 40' 54"	54° 44' 6"	136	kg	Serrated	21	16	Rope	3
A-58D	358.191	DT3	Twillingate Light Buoy DT3	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	49° 39' 17.52"	54° 46' 4.44"	136	kg	Serrated	11	16	Rope	3
A-58D	358.193	DT5	Twillingate (Young Point) Light Buoy DT5	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	49° 39' 12"	54° 46' 4"	136	kg	Serrated	7.5	16	Rope	3
A-58D	358.200	DT6	Twillingate (Young Point) Light Buoy DT6	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	49° 39' 11.8"	54° 46' 9"	136	kg	Serrated	7.5	16	Rope	3
A-58D	358.300	DT8	Twillingate Light Buoy DT8	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	49° 39' 6.9"	54° 46' 6.8"	136	kg	Serrated	8	16	Rope	3
A-58D	358.390	DT9	Twillingate Light Buoy DT9	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	49° 39' 5.04"	54° 46' 3.36"	136	kg	Serrated	8	16	Rope	3
A-58D	358.400	DT10	Twillingate Light Buoy DT10	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	49° 39' 0"	54° 46' 1.3"	136	kg	Serrated	7.5	16	Rope	3
A-58D	358.600	DT12	Twillingate Light Buoy DT12	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	49° 38' 59.5"	54° 45' 58.8"	136	kg	Serrated	7.5	16	Rope	3
A-58D	360.100	DPU1	Harbour Rock Light Buoy DPU1	NL	4863	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.50	49° 36' 48.24"	54° 42' 3.84"	136	kg	Serrated	8.5	16	Rope	3
A-58D	360.200	DPU2	Shiphouse Rock Light Buoy DPU2	NL	4863	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	49° 36' 47.52"	54° 42' 6.9"	136	kg	Serrated	7.5	16	Rope	3
A-58D	361.100	DUR1	Primmer Rock Light Buoy DUR1	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.00	49° 40' 8.5"	54° 44' 13"	136	kg	Serrated	14	16	Rope	3
A-58D	361.200	DUR3	Durrell Outer Harbour Light Buoy DUR3	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	49° 40' 4"	54° 44' 31"	136	kg	Serrated	7.5	16	Rope	3
A-58D	361.300	DUR4	Durrell Inner Harbour Light Buoy DUR4	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	49° 40' 3.8"	54° 44' 33"	136	kg	Serrated	6	16	Rope	3
A-58D	361.320	DUR5	Durrell Inner Harbour Light Buoy DUR5	NL	4886	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	49° 39' 59.7"	54° 44' 38.46"	136	kg	Serrated	7	16	Rope	3
A-58D	361.330	DUR6	Durrell Inner Harbour Light Buoy DUR6	NL	4886	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.80	49° 40' 1"	54° 44' 39"	136	kg	Serrated	6.8	16	Rope	3
A-58E	326.300	DNR2	Nippers Harbour Light Buoy DNR2	NL	4821	Night	1.4m Buoy	1811	Steel	Red	Seasonal	19.20	49° 47' 28"	55° 51' 14"	1134	kg	Serrated	27.4	20	Chain	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-58E	327.600	DSM4	Smiths Harbour Rock Light Buoy DSM4	NL	4585	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	49° 44' 3.1"	55° 57' 40.76"	136	kg	Serrated	11	16	Rope	3
A-58E	327.900	DMM6	Middle Arm Rock Light Buoy DMM6	NL	4821	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	49° 42' 20.6"	56° 2' 33.6"	136	kg	Serrated	11	16	Rope	3
A-58E	331.900	DLB2	Black Rock Sunker Light Buoy DLB2	NL	4592	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	15.50	49° 38' 13.32"	55° 46' .9"	136	kg	Serrated	18	16	Rope	3
A-58E	332.610	DR1	Wilfred's Rock Light Buoy DR1	NL	4593	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	49° 31' 49.6"	55° 45' 40.4"	136	kg	Serrated	7	32	Rope	3
A-58E	333.000	DL1	Lush's Bight Light Buoy DL1	NL	4592	Night	1.4m Buoy	1811	Steel	Green	Seasonal	12.80	49° 35' 22.1"	55° 43' 34.73"	1134	kg	Serrated	27.4	20	Chain	2
A-58E	335.900	DBB	Mussel Rock Shoal West Cardinal Light Buoy DBB	NL	4821	Night	0.6m Spar Can (Long)	510	Steel	Yellow-black-yellow	Year Round	10.00	49° 37' 39.6"	55° 48' 19.5"	1134	kg	Serrated	25		Chain	2
A-58E	336.000	DB1	Tom Cod Rock Light Buoy DB1	NL	4523	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	14.00	49° 36' 41.9"	55° 53' 11.26"	1134	kg	Serrated	35	20	Chain	2
A-58E	336.210	DB2	Otter Island Shoal Light Buoy DB2	NL	4523	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	22.00	49° 36' 38.9"	55° 53' 50.76"	136	kg	Serrated	24	16	Chain	2
A-58E	336.250	DB3	Little Bay Arm Light Buoy DB3	NL	4523	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	13.70	49° 36' 10.4"	55° 54' 34.26"	136	kg	Serrated	15.7	16	Chain	2
A-58E	336.260	DB4	Otter Island Narrows Light Buoy DB4	NL	4523	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	12.00	49° 36' 11.9"	55° 54' 36.26"	136	kg	Serrated	14	16	Chain	2
A-58E	336.270	DB5	Little Bay Arm Light Buoy DB5	NL	4523	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	12.00	49° 35' 29.9"	55° 55' 45.76"	136	kg	Serrated	14	16	Chain	2
A-58E	340.100	DLR1	League Rock East Light Buoy DLR1	NL	4592	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	54.00	49° 34' 33.7"	55° 30' 3.2"	680	kg	Serrated	54	32	Rope	2
A-58E	340.300	DLR3	League Rock West Light Buoy DLR3	NL	4592	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	55.00	49° 34' 18.6"	55° 31' .9"	680	kg	Serrated	51	32	Rope	2
A-58E	340.500	DNC	Grassy Point East Cardinal Light Buoy DNC	NL	4593	Night	0.6m Spar Conical (Long)	637	Steel	Black-yellow-black	Seasonal	20.50	49° 32' 44.46"	55° 36' 23.58"	1133	kg	Serrated	20.5	20	Chain	3
A-58E	341.200	DNC2	Caplin Cove Rock Light Buoy DNC2	NL	4592	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	14.50	49° 32' 24.22"	55° 36' 55.4"	680	kg	Serrated	27.4	16	Chain	2
A-58E	341.320	DBW2	Georgies Rock Light Buoy DBW2	NL	4593	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	18.00	49° 27' 3.42"	55° 38' 43.38"	136	kg	Serrated	18.1	16	Rope	3
A-58E	341.495	DR2	Moorey Cove Shoal Light Buoy DR2	NL	4593	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	20.00	49° 29' 41"	55° 47' 6"	136	kg	Serrated	22	16	Rope	3
A-58E	341.496	DR3	Bear Cove Head Light Buoy DR3	NL	4593	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	13.00	49° 29' 22.14"	55° 47' 50.52"	136	kg	Serrated	20	16	Rope	3
A-58E	344.500	DW4.2	Cottrells Cove Shoal Light Buoy DW4.2	NL	4864	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.40	49° 29' 9.78"	55° 17' 23.4"	136	kg	Serrated	8	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-58E	344.600	DW1	Seal Rock Light Buoy DW1	NL	4864	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	49° 29' 26.76"	55° 17' 32.16"	136	kg	Serrated	14	16	Rope	3
A-58E	344.800	DDW1	Long Island Rock Light Buoy DDW1	NL	4864	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	24.00	49° 28' 44.76"	55° 22' 8.22"	680	kg	Serrated	27.4	16	Chain	2
A-58E	344.900	DW5	Ritters Arm Shoal Light Buoy DW5	NL	4864	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	49° 22' 52.6"	55° 15' 45.2"	136	kg	Serrated	7.5	16	Rope	3
A-58E	345.300	DWD	Brandies Rock Light Buoy DWD	NL	4864	Night	1.4m Buoy	1811	Steel	Black-yellow-black	Seasonal	23.00	49° 31' 17.8"	55° 21' 8.4"	1814	kg	Serrated	27	20	Chain	2
A-58E	347.200	DBE1	Long Island Outer Shoal Light Buoy DBE1	NL	4864	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	9.00	49° 29' 6.96"	55° 1' 13.86"	680	kg	Serrated	14.6	16	Chain	2
A-58E	352.400	DLW2	Jobs Island Light Buoy DLW2	NL	4865	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	10.50	49° 17' 54.2"	55° 0' 22.4"	680	kg	Serrated	14	16	Chain	2
A-58E	352.800	DLW1	Mussel Bed Rocks Light Buoy DLW1	NL	4865	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	18.20	49° 18' 55.92"	54° 58' 21.66"	1134	kg	Serrated	27	16	Chain	2
A-58E	353.250	DLW3	Shoal Point Lewisporte Light Buoy DLW3	NL	4865	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.00	49° 14' 42.8"	55° 2' 35"	1134	kg	Serrated	15	To Be Fixed	Chain	2
A-58E	355.200	DBP2	Bridgeport Rock Light Buoy DBP2	NL	4863	Night	1.4m Buoy	1811	Steel	Red	Seasonal	54.90	49° 32' 15.9"	54° 53' 49.56"	1134	kg	Serrated	73	20	Chain	2
A-58E	358.192	DT4	Twillingate (North Young Point) Light Buoy DT4	NL	4886	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	5.50	49° 39' 13.62"	54° 46' 6.72"	1134	kg	Serrated	9	20	Chain	2
A-58E	388.090	DHS	Mine Rock Light Buoy DHS	NL	4591	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black	Seasonal	10.00	49° 30' 8"	56° 2' 52"	136	kg	Serrated	12	16	Rope	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Hamilton Sound		
Contract Area no.:	A-59, A-D		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	The Contract Area includes Fogo Island and from Musgrave Harbour to Pikes Arm and consists of 4 sub-contract areas: A-59A:Fogo26 buoys A-59B: Carmanville14 buoys A-59C:Musgrave Harbour7 buoys A-59D: Between Fogo Harbour nd Musgrave Harbour excluding above harbour areas30 buoys		
Material Transportation & Storage	Material storage by: ContractorMaterial Transportation by: Canadian Coast Guard Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).		
Coast Guard Depot:	St.Johns		
Commissioning date:	April 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	77		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	26		
Operational Season:	April 15th to November 30th		
Overview of work activities:	3 buoys are 'year round', 74 are 'seasonal'. All buoys are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	The sub areas will be tendered as separate contracts.		

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-59	400.000	JM2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N690/09	Extinguished / Éteinte	19/05/2009	3
A-59	399.410	JM1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N689/09	Extinguished / Éteinte	19/05/2009	3
A-59	399.126	JM4/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N693/09	Extinguished / Éteinte	19/05/2009	3
A-59	399.125	JM3/1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N692/09	Extinguished / Éteinte	19/05/2009	3
A-59	399.100	JM3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N691/09	Extinguished / Éteinte	19/05/2009	3
A-59	399.120	JM5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N694/09	Extinguished / Éteinte	19/05/2009	3
A-59	373.100	DX9	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N783/09	Off Position / Hors Position	29/05/2009	2
A-59	393.500	JA1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1127/09	Extinguished / Éteinte	23/06/2009	3
A-59	390.120	DC8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1317/09	Extinguished / Éteinte	20/07/2009	3
A-59	367.500	DV5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1142/09	Extinguished / Éteinte	25/06/2009	3
A-59	383.553	DJ15	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1443/09	Extinguished / Éteinte	11/08/2009	3
A-59	383.560	DJ12	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1442/09	Extinguished / Éteinte	11/08/2009	3
A-59	393.600	JA2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1591/09	Extinguished / Éteinte	09/09/2009	3
A-59	383.800	DJ2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1514/09	Off Position / Hors Position	24/08/2009	3
A-59	387.000	DK6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1592/09	Off Position / Hors Position	10/09/2009	3
A-59	387.910	DK2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1643/09	Extinguished / Éteinte	21/09/2009	3
A-59	388.100	DN2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1593/09	Extinguished / Éteinte	10/09/2009	3
A-59	399.126	JM4/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1861/09	Off Position / Hors Position	05/11/2009	3
A-59	383.550	DJ10	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N742/10	Extinguished / Éteinte	05/05/2010	3
A-59	383.840	DJ3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N741/10	Extinguished / Éteinte	05/05/2010	3
A-59	383.800	DJ2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N956/10	Extinguished / Éteinte	28/05/2010	3
A-59	394.310	DTL4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N955/10	Extinguished / Éteinte	28/05/2010	3
A-59	377.870	DHF	1.4m Buoy	1.4m bouée	N729/10	Off Position / Hors Position	05/05/2010	2

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-59	365.060	DF5/3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1030/10	Extinguished / Éteinte	07/06/2010	3
A-59	383.560	DJ12	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1031/10	Extinguished / Éteinte	07/06/2010	3
A-59	378.900	DS2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1047/10	Off Position / Hors Position	08/06/2010	3
A-59	389.710	DC3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1545/10	Extinguished / Éteinte	06/09/2010	3
A-59	390.130	DC9	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N761/11	Showing Improper Character / Caractéristiques Inexactes	30/05/2011	3
A-59	390.120	DC8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N755/11	Extinguished / Éteinte	27/05/2011	3
A-59	393.500	JA1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N985/11	Off Position / Hors Position	23/06/2011	3
A-59	390.120	DC8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1029/11	Off Position / Hors Position	29/06/2011	3
A-59	399.125	JM3/1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1082/11	Extinguished / Éteinte	12/07/2011	3
A-59	390.131	DC13	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1218/11	Extinguished / Éteinte	10/08/2011	3
A-59	387.120	DK9	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1366/11	Extinguished / Éteinte	10/09/2011	3
A-59	387.000	DK6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1365/11	Off Position / Hors Position	10/09/2011	3
A-59	365.220	DFE	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N914/12	Off Position / Hors Position	24/05/2012	3
A-59	365.210	DF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N916/12	Off Position and extinguished / Hors Position et Éteinte	24/05/2012	3
A-59	390.140	DC11	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N728/12	Extinguished / Éteinte	15/05/2012	3
A-59	390.131	DC13	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N729/12	Extinguished / Éteinte	15/05/2012	3
A-59	365.500	DF4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N918/12	Extinguished / Éteinte	24/05/2012	3
A-59	367.510	DV3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N915/12	Extinguished / Éteinte	24/05/2012	3
A-59	365.220	DFE	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N955/12	Extinguished / Éteinte	25/05/2012	3
A-59	389.710	DC3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1653/11	Extinguished / Éteinte	24/10/2011	3
A-59	393.500	JA1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1765/11	Off Position / Hors Position	14/11/2011	3
A-59	383.820	DJ4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1740/11	Off Position / Hors Position	09/11/2011	3

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-59	400.000	JM2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1412/11	Extinguished / Éteinte	20/09/2011	3
A-59	376.000	DHC	1.4m Buoy	1.4m bouée	N1555/11	Off Position / Hors Position	13/10/2011	2
A-59	393.600	JA2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1766/11	Off Position / Hors Position	14/11/2011	3
A-59	393.600	JA2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1251/12	Off Position / Hors Position	18/06/2012	3
A-59	393.500	JA1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1250/12	Off Position / Hors Position	18/06/2012	3
A-59	376.100	DCB1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1344/12	Off Position / Hors Position	03/07/2012	3
A-59	376.200	DCB2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1345/12	Off Position / Hors Position	03/07/2012	3
A-59	399.125	JM3/1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1366/12	Extinguished / Éteinte	06/07/2012	3
A-59	390.131	DC13	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1637/12	Extinguished / Éteinte	27/08/2012	3
A-59	389.700	DC2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1525/12	Extinguished / Éteinte	04/08/2012	2
A-59	378.900	DS2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1172/12	Off Position / Hors Position	11/06/2012	3
A-59	394.100	DTL1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1173/12	Off Position / Hors Position	11/06/2012	3
A-59	394.200	DTL2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1174/12	Off Position / Hors Position	11/06/2012	3
A-59	394.300	DTL3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1178/12	Off Position / Hors Position	11/06/2012	3
A-59	394.310	DTL4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1176/12	Off Position / Hors Position	11/06/2012	3
A-59	393.500	JA1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1250/12	Off Position / Hors Position	18/06/2012	3
A-59	393.600	JA2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1251/12	Off Position / Hors Position	18/06/2012	3
A-59	365.508	DF4/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N785/13	Extinguished / Éteinte	14/05/2013	3
A-59	365.060	DF5/3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1758/13	Extinguished / Éteinte	09/10/2013	3
A-59	383.551	DJ13	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1038/13	Extinguished / Éteinte	06/06/2013	3
A-59	399.125	JM3/1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1226/13	Extinguished / Éteinte	17/06/2013	3
A-59	400.000	JM2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1293/13	Reduced Intensity / Intensité réduite	02/07/2013	3
A-59	383.552	DJ14	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1311/13	Extinguished / Éteinte	04/07/2013	3

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement des orins.

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-59E	DDS	380.2	1.4m Buoy / 1.4m bouée	Cast-iron	1134	---	20	13.5	Sealite Trident-1400	Cast-Iron/fonte	907	28	18.3
A-59E	DHC	376	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	---	20	45	Sealite Trident-1400	Cast-Iron/fonte	907	20	36.6
A-59E	DHE	377.85	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	---	20	22	Sealite Trident-1400	Cast-Iron/fonte	907	26	27.4
A-59E	DHF	377.87	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	---	20	36.6	Sealite Trident-1400	Cast-Iron/fonte	907	26	27.4
A-59E	DHG	377.48	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	136	20	27	Sealite Trident-1400	Cast-Iron/fonte	907	26	27.4
A-59E	DHV	377.49	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	136	20	40	Sealite Trident-1400	Cast-Iron/fonte	907	26	36.6

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-59	389.70	DC2	Lord Rock Light Buoy DC2	2016
A-59	390.00	DC7	Carters Rock Light Buoy DC7	2016
A-59	373.10	DX9	Roger's Point Shoal Light Buoy DX9	2015

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-59A	365.060	DF5/3	Fogo Harbour Light Buoy DF5/3	NL	4529	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.50	49° 43' 4.92"	54° 16' 21.18"	136	kg	Serrated	8.5	16	Rope	3
A-59A	365.210	DF2	Simms Island Light Buoy DF2	NL	4529	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 43' 40.56"	54° 16' 2.4"	136	kg	Serrated	7	16	Rope	3
A-59A	365.220	DFE	Eastern Tickle Light Buoy DFE	NL	4529	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow-black	Seasonal	6.00	49° 43' 43.8"	54° 15' 42.6"	136	kg	Serrated	10	16	Rope	3
A-59A	365.300	DF3	Pillys Rock Light Buoy DF3	NL	4529	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	49° 43' 37"	54° 16' 17.52"	136	kg	Serrated	12	16	Rope	3
A-59A	365.500	DF4	Harbour Rock Light Buoy DF4	NL	4529	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.60	49° 43' 25"	54° 16' 22.56"	136	kg	Serrated	10	16	Rope	3
A-59A	365.508	DF4/2	Fogo Harbour Light Buoy DF4/2	NL	4529	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.50	49° 43' 8.46"	54° 16' 27.42"	136	kg	Serrated	8.5	16	Rope	3
A-59A	365.509	DF5/1	Fogo Harbour Light Buoy DF5/1	NL	4529	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.50	49° 43' 9.36"	54° 16' 24.78"	136	kg	Serrated	8.5	16	Rope	3
A-59A	367.500	DV5	Seal Cove Light Buoy DV5	NL	4529	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.20	49° 42' 28.02"	54° 17' 29.7"	136	kg	Serrated	14	16	Rope	3
A-59A	367.510	DV3	Shag Island Light Buoy DV3	NL	4529	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	16.20	49° 42' 25.5"	54° 17' 47.64"	136	kg	Serrated	18.2	16	Rope	3
A-59A	372.200	DG2	Stag Harbour Light Buoy DG2	NL	4530	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	49° 34' 29.34"	54° 16' 29.511"	136	kg	Serrated	6	16	Rope	3
A-59A	372.620	DX6	Stag Harbour Run Light Buoy DX6	NL	4530	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.50	49° 33' 39.84"	54° 16' 38.59"	272	kg	Serrated	10.5	16	Rope	3
A-59A	372.630	DX5	Stag Harbour Light Buoy DX5	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.60	49° 33' 43.38"	54° 16' 16.458"	136	kg	Serrated	9.6	16	Rope	3
A-59A	378.900	DS2	Pennys Rock Light Buoy (Seldom) DS2	NL	4530	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 36' 39.857"	54° 11' 1.6"	136	kg	Serrated	7	16	Rope	3
A-59A	383.550	DJ10	Baker Rock Light Buoy DJ10	NL	4820	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	49° 43' 50.2"	54° 9' 34.7"	136	kg	Serrated	6	16	Rope	3
A-59A	383.551	DJ13	Joe Batts Arm Outer Light Buoy DJ13	NL	4820	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	49° 43' 45.6"	54° 9' 58"	136	kg	Serrated	7.5	16	Rope	3
A-59A	383.552	DJ14	Joe Batts Arm Inner Light Buoy DJ14	NL	4820	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	49° 43' 40.7"	54° 9' 59.3"	136	kg	Serrated	6	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-59A	383.553	DJ15	Joe Batts Arm Inner Light Buoy DJ15	NL	4820	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	49° 43' 38.2"	54° 9' 59.2"	136	kg	Serrated	6	16	Rope	3
A-59A	383.560	DJ12	Joe Batts Arm Outer DJ12	NL	4820	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 43' 45.1"	54° 9' 59"	136	kg	Serrated	7	16	Rope	3
A-59A	383.800	DJ2	Pomeroy Rock Light Buoy DJ2	NL	4820	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.60	49° 43' 56.3"	54° 9' 55.9"	136	kg	Serrated	10	16	Rope	3
A-59A	383.810	DJ5	Foots Rock Sandbar Light Buoy DJ5	NL	4820	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	49° 43' 52.4"	54° 9' 42.4"	136	kg	Serrated	10	16	Rope	3
A-59A	383.820	DJ4	Foots Rock Light Buoy DJ4	NL	4820	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.00	49° 43' 51.1"	54° 9' 43.6"	136	kg	Serrated	10	16	Rope	3
A-59A	383.840	DJ3	Duck Island Point Light Buoy DJ3	NL	4820	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.30	49° 44' 2.5"	54° 10' 4.8"	136	kg	Serrated	10	16	Rope	3
A-59A	394.100	DTL1	Tilting Harbour Light Buoy DTL1	NL	4820	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.90	49° 42' 30.2"	54° 3' 37"	136	kg	Serrated	4.9	16	Rope	3
A-59A	394.200	DTL2	Tilting Harbour Light Buoy DTL2	NL	4820	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.40	49° 42' 27.7"	54° 3' 38.6"	136	kg	Serrated	2.4	16	Rope	3
A-59A	394.300	DTL3	Tilting Harbour Light Buoy DTL3	NL	4820	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.10	49° 42' 24.6"	54° 3' 40.3"	136	kg	Serrated	2.1	16	Rope	3
A-59A	394.310	DTL4	Tilting Harbour Light Buoy DTL4	NL	4820	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	0.80	49° 42' 23.5"	54° 3' 43.4"	136	kg	Serrated	1.8	16	Rope	3
A-59B	387.000	DK6	Frederickton Outer Light Buoy DK6	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	49° 25' 52.84"	54° 21' 13.11"	136	kg	Serrated	6.5	16	Rope	3
A-59B	387.100	DK8	Frederickton Middle Light Buoy DK8	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 25' 48.84"	54° 21' 14.61"	136	kg	Serrated	7	16	Rope	3
A-59B	387.120	DK9	Frederickton Inner Light Buoy DK9	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.50	49° 25' 45.34"	54° 21' 19.11"	136	kg	Serrated	4	16	Rope	3
A-59B	387.910	DK2	Bloody Arm Point Light Buoy DK2	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	13.50	49° 26' 33.34"	54° 21' 21.11"	136	kg	Serrated	15.5	16	Rope	3
A-59B	387.920	DK3	Frederickton Harbour Light Buoy DK3	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.00	49° 25' 59"	54° 21' 20"	136	kg	Serrated	14	16	Rope	3
A-59B	388.100	DN2	Noggin Cove Light Buoy DN2	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	14.00	49° 25' 1.84"	54° 18' 38.61"	136	kg	Serrated	16	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-59B	388.200	DN4	Noggins Cove Light Buoy DN4	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 24' 58.84"	54° 18' 39.11"	136	kg	Serrated	7	16	Rope	3
A-59B	388.300	DN5	Noggins Cove Light Buoy DN5	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	49° 24' 57.84"	54° 18' 38.11"	136	kg	Serrated	7.5	16	Rope	3
A-59B	389.710	DC3	Wabby Rock Light Buoy DC3	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.50	49° 26' 13.854"	54° 15' 4.597"	136	kg	Serrated	10	16	Rope	3
A-59B	390.120	DC8	Carmanville Harbour Light Buoy DC8	NL	4530	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.50	49° 24' 31.853"	54° 16' 37.619"	136	kg	Serrated	11	16	Rope	3
A-59B	390.130	DC9	Paytrick Rock Light Buoy DC9	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.00	49° 24' 26.854"	54° 16' 27.619"	136	kg	Serrated	14	16	Rope	3
A-59B	390.131	DC13	Carmanville Light Buoy DC13	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	18.00	49° 23' 34.853"	54° 16' 54.614"	136	kg	Serrated	20	16	Rope	3
A-59B	390.140	DC11	Tucks High Point Light Buoy DC11	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.70	49° 24' 15.857"	54° 16' 28.613"	136	kg	Serrated	12	16	Rope	3
A-59B	390.150	DCK	Kim's Shoal Light Buoy DCK	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Seasonal	4.00	49° 24' 12.6"	54° 16' 57.48"	136	kg	Serrated	5.5	16	Rope	3
A-59C	399.100	JM3	Musgrave Harbour Light Buoy JM3	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.10	49° 27' 32.52"	53° 57' 5.76"	136	kg	Serrated	11.1	16	Rope	3
A-59C	399.120	JM5	Musgrave Harbour Light Buoy JM5	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	49° 27' 30.96"	53° 57' 28.02"	136	kg	Serrated	6	16	Rope	3
A-59C	399.125	JM3/1	Musgrave Harbour Light Buoy JM3/1	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	49° 27' 30.96"	53° 57' 16.26"	136	kg	Serrated	7.5	16	Rope	3
A-59C	399.126	JM4/2	Musgrave Harbour Light Buoy JM4/2	NL	4530	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	12.00	49° 27' 36.66"	53° 57' 10.02"	136	kg	Serrated	13	16	Rope	3
A-59C	399.127	JM3/3	Walter's Shoal Light Buoy JM3/3	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.20	49° 27' 30.18"	53° 57' 21.72"	136	kg	Serrated	7	20	Rope	3
A-59C	399.410	JM1	Little Horse Stone Light Buoy JM1	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	49° 27' 44.58"	53° 56' 55.44"	136	kg	Serrated	10	16	Rope	3
A-59C	400.000	JM2	Musgrave Harbour Light Buoy JM2	NL	4530	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.00	49° 27' 46.74"	53° 57' 2.7"	136	kg	Serrated	10	16	Rope	3
A-59D	375.100	DPA2	Pikes Arm #1 Light Buoy DPA2	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	49° 38' 56"	54° 34' 0"	136	kg	Serrated	9	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-59D	375.200	DPA1	Pikes Arm #2 Light Buoy DPA1	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	49° 38' 54"	54° 34' 12"	136	kg	Serrated	8	16	Rope	3
A-59D	375.340	DPA4	Pikes Arm #3 Light Buoy DPA4	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 38' 55"	54° 34' 22"	136	kg	Serrated	7	16	Rope	3
A-59D	375.430	DPA3	Pikes Arm #4 Light Buoy DPA3	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	49° 38' 56"	54° 34' 28"	136	kg	Serrated	7	16	Rope	3
A-59D	375.500	DPA6	Pikes Arm #5 Light Buoy DPA6	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 38' 56"	54° 34' 36"	136	kg	Serrated	7	16	Rope	3
A-59D	375.600	DPA5	Pikes Arm #6 Light Buoy DPA5	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.50	49° 38' 51"	54° 34' 41"	136	kg	Serrated	5.5	16	Rope	3
A-59D	375.700	DPA8	Pikes Arm #7 Light Buoy DPA8	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	49° 38' 39"	54° 34' 48"	136	kg	Serrated	7	16	Rope	3
A-59D	375.800	DPA7	Pikes Arm #8 Light Buoy DPA7	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	49° 38' 34"	54° 34' 53"	136	kg	Serrated	5	16	Rope	3
A-59D	376.100	DCB1	Cobbs Arm Light Buoy DCB1	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	49° 37' 13.84"	54° 33' 45.61"	136	kg	Serrated	9.3	16	Rope	3
A-59D	376.200	DCB2	Cobbs Arm Light Buoy DCB2	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	49° 37' 11.22"	54° 33' 54.66"	136	kg	Serrated	9.3	16	Rope	3
A-59E	344.400	DWG3	Skinnners Rock Light Buoy DWG3	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.00	49° 40' 33.84"	54° 23' 24.61"	136	kg	Serrated	13	16	Rope	3
A-59E	344.410	DWG5	Skinnners Rock Light Buoy DWG5	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	49° 40' 32.4"	54° 23' 34.44"	136	kg	Serrated	12	16	Rope	3
A-59E	344.420	DWG7	Old Tim Light Buoy DWG7	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	49° 40' 23.1"	54° 24' 5.94"	136	kg	Serrated	6	16	Rope	3
A-59E	345.410	DWG2	White Ground Shoal Light Buoy DWG2	NL	4862	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	14.00	49° 40' 37.64"	54° 23' 21.22"	136	kg	Serrated	16	16	Rope	3
A-59E	346.400	DW3	West Indian Island Light Buoy DW3	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	13.00	49° 34' 2.861"	54° 13' 58.607"	136	kg	Serrated	18	16	Rope	3
A-59E	372.210	DXY3	Fox Head Light Buoy DXY3	NL	4862	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	16.70	49° 40' .84"	54° 25' 5.11"	136	kg	Serrated	18.7	16	Rope	3
A-59E	373.000	DX8	Stag Rock Light Buoy DX8	NL	4530	Night	1.4m Buoy	1811	Steel	Red	Seasonal	13.00	49° 33' 33.847"	54° 17' 3.599"	1134	kg	Serrated	27.4	20	Chain	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-59E	373.100	DX9	Roger's Point Shoal Light Buoy DX9	NL	4862	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	12.00	49° 34' 13.54"	54° 19' 13.31"	1134	kg	Serrated	25	28	Chain	2
A-59E	376.000	DHC	Five Fathoms West Cardinal Light Buoy DHC	NL	4862	Night	1.4m Buoy	1811	Steel	Yellow-black-yellow	Seasonal	20.00	49° 38' 2.4"	54° 28' 55.8"	1134	kg	Serrated	45	20	Chain	2
A-59E	377.480	DHG	Gulnare Rock Light Buoy DHG	NL	4862	Night	1.4m Buoy	1811	Steel	Black-yellow-black	Seasonal	24.00	49° 30' 34.8"	54° 26' 38.82"	1134	kg	Serrated	27	20	Chain	2
A-59E	377.490	DHV	Vesuvius Rock Light Buoy DHV	NL	4862	Night	1.4m Buoy	1811	Steel	Yellow-black-yellow	Seasonal	26.00	49° 31' 18"	54° 26' 40.8"	1134	kg	Serrated	40	20	Chain	2
A-59E	377.850	DHE	East Farewell Reef Light Buoy DHE	NL	4862	Night	1.4m Buoy	1811	Steel	Black-yellow-black	Seasonal	20.00	49° 35' 32.84"	54° 26' 59.61"	1134	kg	Serrated	22	20	Chain	2
A-59E	377.870	DHF	Smoker Island Light Buoy DHF	NL	4862	Night	1.4m Buoy	1811	Steel	Yellow-black	Seasonal	20.00	49° 36' 21.84"	54° 27' 11.61"	1134	kg	Serrated	37	20	Chain	2
A-59E	378.500	DD2	Burnt Point Shoal Light Buoy DD2	NL	4530	Night	1.4m Buoy	1811	Steel	Red	Seasonal	24.00	49° 35' 51.098"	54° 9' 36.136"	1134	kg	Serrated	37	20	Chain	2
A-59E	378.600	DD3	Black Reef Light Buoy DD3	NL	4530	Night	1.4m Buoy	1811	Steel	Green	Seasonal	17.00	49° 35' 40.651"	54° 10' 35.578"	1134	kg	Serrated	27.5	20	Chain	2
A-59E	380.200	DDS	Mouse Island Shoal Light Buoy DDS	NL	4530	Night	1.4m Buoy	1811	Steel	Black-yellow	Seasonal	10.60	49° 35' 20.85"	54° 12' 11.58"	1134	kg	Serrated	13.5	20	Chain	2
A-59E	389.700	DC2	Lord Rock Light Buoy DC2	NL	4530	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	17.00	49° 26' 17.86"	54° 15' 42.614"	1134	kg	Serrated	27.5	20	Chain	2
A-59E	390.000	DC7	Carters Rock Light Buoy DC7	NL	4530	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	16.50	49° 24' 46.855"	54° 16' 11.613"	1134	kg	Serrated	27	20	Chain	2
A-59E	393.500	JA1	Ladle Cove Outer Light Buoy JA1	NL	4530	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	49° 28' 34.86"	54° 3' 1.02"	272	kg	Serrated	8	16	Rope	3
A-59E	393.600	JA2	Ladle Cove Inner Light Buoy JA2	NL	4530	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	49° 28' 28.5"	54° 3' 12.18"	136	kg	Serrated	8	16	Rope	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Bonivista Bay
Contract Area no.:	A-60, A-F
Province(s):	Newfoundland and Labrador
Contract Area Description:	The Contract Area includes Fogo Island and from Musgrave Harbour to Pikes Arm and consists of 6 sub-contract areas, see table, page 2.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>
Coast Guard Depot:	St.Johns
Commissioning date:	April 15th
Decommissioning date:	November 30th
Total no. of buoys:	55
Max. buoy size(m) diameter :	1.4
Maximum anchor size (weight (kg)):	1136
Maximum buoy weight (kg) :	1811
Maximum water depth (m) :	30
Operational Season:	April 15th to November 30th
Overview of work activities:	11 buoys are 'year round', 44 buoys 'seasonal'. All buoys are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comment:	The sub areas will be tendered as separate contracts.

Contract Area name:	Bonivista Bay
Contract Area no.:	A-60, A-F

Contract Area name:	Bonivista Bay
Contract Area no.:	A-60, A-F
Sub-contract areas	
A-60A: Cape Freels	6 buoys
A-60B: Salvage	4 buoys
A-60C:Happy Adventure	10 buoys
A-60D:Lumsden	3 buoys
A-60E:Sumerville	4 buoys
A-60F:Bonavista Bay excluding harbour areas	28 buoys

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-60	193.400	XL1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N788/09	Extinguished / Éteinte	30/05/2009	2
A-60	415.200	JN2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N948/09	Extinguished / Éteinte	15/06/2009	3
A-60	415.080	JN6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N949/09	Extinguished / Éteinte	15/06/2009	3
A-60	407.190	JF2/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1345/09	Extinguished / Éteinte	28/07/2009	3
A-60	193.500	XL2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1716/09	Extinguished / Éteinte	10/10/2009	3
A-60	407.100	JF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N764/10	Extinguished / Éteinte	07/05/2010	3
A-60	407.200	JF1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N765/10	Extinguished / Éteinte	07/05/2010	3
A-60	407.190	JF2/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N766/10	Extinguished / Éteinte	07/05/2010	3
A-60	421.100	JN1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1271/10	Extinguished / Éteinte	09/07/2010	3
A-60	442.400	JT2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1357/10	Off Position and extinguished / Hors Position et Éteinte	28/07/2010	3
A-60	442.450	JTT1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1358/10	Extinguished / Éteinte	28/07/2010	3
A-60	439.360	JR6	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1527/10	Reduced Intensity / Intensité réduite	31/08/2010	2
A-60	439.640	JSA2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N16/11	Off Position / Hors Position	04/01/2011	3
A-60	439.360	JR6	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N69/11	Extinguished / Éteinte	08/01/2011	2
A-60	407.200	JF1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N414/11	Extinguished / Éteinte	18/04/2011	3
A-60	407.190	JF2/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N416/11	Extinguished / Éteinte	18/04/2011	3
A-60	439.610	JSA3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N505/11	Extinguished / Éteinte	29/04/2011	3
A-60	407.300	JF4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N417/11	Extinguished / Éteinte	18/04/2011	3
A-60	442.509	JS3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N486/11	Extinguished / Éteinte	26/04/2011	3
A-60	415.200	JN2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N525/11	Extinguished / Éteinte	02/05/2011	3
A-60	438.900	JGM4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1175/11	Extinguished / Éteinte	27/07/2011	3
A-60	415.200	JN2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N608/12	Extinguished / Éteinte	04/05/2012	3

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-60	415.080	JN6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N609/12	Extinguished / Éteinte	04/05/2012	3
A-60	193.400	XL1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N855/12	Showing Improper Character / Caractéristiques Inexactes	22/05/2012	2
A-60	442.180	JT1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N686/12	Extinguished / Éteinte	14/05/2012	3
A-60	442.400	JT2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N734/12	Extinguished / Éteinte	16/05/2012	3
A-60	421.100	JN1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N839/12	Extinguished / Éteinte	18/05/2012	3
A-60	414.100	JWB	0.6m Spar Can (Short)	0.6m espar plate (Short)	N1061/12	Extinguished / Éteinte	01/06/2012	2
A-60	442.450	JTT1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N733/12	Showing Improper Character / Caractéristiques Inexactes	16/05/2012	3
A-60	442.200	JT	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N732/12	Showing Improper Character / Caractéristiques Inexactes	16/05/2012	3
A-60	442.160	JSB2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N692/12	Off Position / Hors Position	14/05/2012	3
A-60	439.620	JSA4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1345/11	Extinguished / Éteinte	07/09/2011	3
A-60	403.910	JL4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1674/12	Extinguished / Éteinte	05/09/2012	3
A-60	439.220	JGM5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1810/12	Off Position / Hors Position	05/10/2012	3
A-60	439.220	JGM5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1810/12	Off Position / Hors Position	05/10/2012	3
A-60	403.920	JL5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1458/12	Extinguished / Éteinte	23/07/2012	3
A-60	193.500	XL2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N441/12	Off Position / Hors Position	20/04/2012	3
A-60	442.509	JS3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N384/12	Extinguished / Éteinte	16/04/2012	3
A-60	193.500	XL2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N481/12	Extinguished / Éteinte	23/04/2012	3
A-60	407.180	JFC	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1390/12	Extinguished / Éteinte	10/07/2012	3
A-60	403.910	JL4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1674/12	Extinguished / Éteinte	05/09/2012	3
A-60	439.350	JR4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1968/12	Extinguished / Éteinte	09/11/2012	2
A-60	439.350	JR4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1968/12	Damaged / Endommagée	09/11/2012	2
A-60	442.520	JS1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N0181/13	Extinguished / Éteinte	25/01/2013	3

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-60	403.900	JL3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N808/13	Extinguished / Éteinte	17/05/2013	3
A-60	407.700	JFR	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N842/13	Extinguished / Éteinte	22/05/2013	3
A-60	407.190	JF2/2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N604/13	Extinguished / Éteinte	26/04/2013	3
A-60	407.180	JFC	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N605/13	Extinguished / Éteinte	26/04/2013	3
A-60	442.518	JS4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N726/13	Extinguished / Éteinte	09/05/2013	3
A-60	421.100	JN1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N935/13	Off Position / Hors Position	03/06/2013	3
A-60	415.010	JN3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1304/13	Off Position / Hors Position	03/07/2013	3
A-60	407.200	JF1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1303/13	Extinguished / Éteinte	03/06/2013	3
A-60	407.200	JF1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1303/13	Partially Submerged / Partiellement Submergée	03/06/2013	3
A-60	407.300	JF4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1514/13	Extinguished / Éteinte	15/08/2013	3

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-60	JSB	442.17	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	27	Sealite Trident-1400	Cast-Iron/fonte	907	26	27.4

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-60	445.20	JB5	Bonavista Outer Shoal Light Buoy JB5	2016
A-60	442.00	JC6	Big Rock Light Buoy JC6	2016
A-60	438.60	JPC1	Penny's Cove Point Light Buoy JPC1	2017
A-60	439.29	JR	Hail Island East Cardinal Light Buoy JR	2017
A-60	439.35	JR4	Burnside Light Buoy JR4	2017
A-60	439.36	JR6	Burnside Light Buoy JR6	2016
A-60	439.30	JRR	Varket Channel West Cardinal Light Buoy JRR	2017
A-60	418.00	JV4	Benburry Light Buoy JV4	2016
A-60	417.05	JV5	Squid Rocks Light Buoy JV5	2016
A-60	414.10	JWB	Black Island South Cardinal Light Buoy JWB	2017
A-60	439.31	JWR	Willis Reach East Cardinal Light Buoy JWR	2017
A-60	442.19	JWT	White Islets North Cardinal Light Buoy JWT	2017

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-60A	407.100	JF2	Cape Freels Harbour Light Buoy JF2	NL	4857	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.00	49° 15' 47.04"	53° 29' 49.8"	136	kg	Serrated	10	16	Rope	3
A-60A	407.180	JFC	Crackers #1 South Cardinal Light Buoy JFC	NL	4857	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black	Seasonal	18.30	49° 15' 58.2"	53° 28' 25.2"	136	kg	Serrated	20.1	16	Rope	3
A-60A	407.190	JF2/2	Cape Freels Harbour Light Buoy JF2/2	NL	4857	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.00	49° 15' 41.28"	53° 29' 20.1"	136	kg	Serrated	10	16	Rope	3
A-60A	407.200	JF1	Cape Freels Harbour Light Buoy JF1	NL	4857	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	49° 15' 37.2"	53° 29' 34.2"	136	kg	Serrated	10	16	Rope	3
A-60A	407.300	JF4	Cape Freels Harbour Light Buoy JF4	NL	4857	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.00	49° 15' 37.8"	53° 29' 36"	136	kg	Serrated	10	16	Rope	3
A-60A	407.700	JFR	Crackers # 2 North Cardnial Light Buoy JFR	NL	4857	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow	Seasonal	18.30	49° 15' 52.8"	53° 28' 10.2"	136	kg	Serrated	20.1	16	Rope	3
A-60B	439.600	JSA6	Salvage Light Buoy JSA6	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	48° 41' 26.34"	53° 38' 38.46"	136	kg	Serrated	4.6	16	Rope	3
A-60B	439.610	JSA3	Salvage Light Buoy JSA3	NL	4855	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	48° 41' 32.3"	53° 38' 44.5"	136	kg	Serrated	4.3	16	Rope	3
A-60B	439.620	JSA4	Salvage Light Buoy JSA4	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	48° 41' 29.5"	53° 38' 42.2"	136	kg	Serrated	3.4	16	Rope	3
A-60B	439.640	JSA2	Salvage Light Buoy JSA2	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	48° 41' 35.6"	53° 38' 43.8"	136	kg	Serrated	6.7	16	Rope	3
A-60C	441.400	JCG2	Long Toms Cove Rock Light Buoy JCG2	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	20.00	48° 25' 58.2"	53° 50' 32.4"	136	kg	Serrated	22	16	Rope	3
A-60C	441.500	JCG3	Shag Island Rock Light Buoy JCG3	NL	4855	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	48° 23' 13.8"	53° 53' 36"	136	kg	Serrated	12	16	Rope	3
A-60C	442.100	JC2	Chaffey's Rock Light Buoy JC2	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	30.00	48° 31' 4.2"	53° 45' 45"	136	kg	Serrated	35	16	Rope	3
A-60C	442.150	JSB4	Wolf Island Light Buoy JSB4	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	20.00	48° 29' 6"	53° 38' 42"	136	kg	Serrated	22	16	Rope	3
A-60C	442.160	JSB2	Mustard Gull Island Rock Light Buoy JSB2	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	30.00	48° 31' 40.8"	53° 38' 18"	136	kg	Serrated	32	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-60C	442.180	JT1	Clay Cove Rock Light Buoy JT1	NL	4855	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	20.00	48° 35' 24"	53° 47' 54"	136	kg	Serrated	22	16	Rope	3
A-60C	442.190	JWT	White Islets North Cardinal Light Buoy JWT	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Black-yellow	Seasonal	2.00	48° 35' 7.98"	53° 47' 40.74"	300	lb	Serrated	5.5	16	Rope	3
A-60C	442.200	JT	Saltons Brook Light Buoy JT	NL	4855	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green-red-green	Seasonal	3.50	48° 34' 44.2"	53° 56' 39"	136	kg	Serrated	5.5	16	Rope	3
A-60C	442.400	JT2	Saltons Brook Light Buoy JT2	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	48° 34' 45.8"	53° 56' 41.6"	136	kg	Serrated	6	16	Rope	3
A-60C	442.450	JTT1	Saltons Brook Light Buoy JTT1	NL	4855	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	48° 34' 42.4"	53° 56' 46.1"	136	kg	Serrated	5.5	16	Rope	3
A-60D	403.900	JL3	Ships Run Light Buoy JL3	NL	4857	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	49° 18' 28.56"	53° 35' 48.12"	136	kg	Serrated	10	16	Rope	3
A-60D	403.910	JL4	Lumsden Inner Light Buoy JL4	NL	4857	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	49° 18' 12.3"	53° 35' 42.54"	136	kg	Serrated	6	16	Rope	3
A-60D	403.920	JL5	Southern Cat Island Light Buoy JL5	NL	4857	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	49° 18' 15.9"	53° 35' 38.4"	136	kg	Serrated	4	16	Rope	3
A-60E	442.509	JS3	Tilley's Rock Light Buoy JS3	NL	4855	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	48° 27' 13.08"	53° 33' 12"	136	kg	Serrated	7.5	26	Rope	3
A-60E	442.510	JS2	Hubley's Rock Light Buoy JS2	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	48° 27' 15.84"	53° 33' 9.72"	136	kg	Serrated	6.4	16	Rope	3
A-60E	442.518	JS4	Abbotts Shoal Light Buoy JS4	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.30	48° 27' 15.18"	53° 33' 12.9"	136	kg	Serrated	4.9	16	Rope	3
A-60E	442.520	JS1	Summerville Outer Light Buoy JS1	NL	4855	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	48° 27' 10.5"	53° 33' 7.86"	136	kg	Serrated	7.5	16	Rope	3
A-60F	410.510	JW5	Tucker's Rock Light Buoy JW5	NL	4858	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	12.60	49° 7' 50"	53° 33' 44"	680	kg	Serrated	16	32	Rope	2
A-60F	410.520	JW7	Harbour Rock Light Buoy JW7	NL	4858	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	9.20	49° 8' 12"	53° 34' 0"	680	kg	Serrated	21	32	Rope	2
A-60F	413.000	JW2	Ledger Rock Light Buoy JW2	NL	4858	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	27.00	49° 7' 30"	53° 33' 4"	680	kg	Serrated	46	20	Chain	2
A-60F	414.100	JWB	Black Island South Cardinal Light Buoy JWB	NL	4858	Night	0.6m Spar Can (Short)	510	Steel	Yellow-black	Year Round	14.00	49° 7' 55.2"	53° 32' 36.6"	1136	kg	Serrated	18.3	20	Chain	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-60F	415.010	JN3	Newtown Outer Light Buoy JN3	NL	4857	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.00	49° 12' 6.12"	53° 30' 22.62"	136	kg	Serrated				3
A-60F	415.080	JN6	Newtown Inner Light Buoy JN6	NL	4857	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.00	49° 12' 9.24"	53° 30' 23.28"	136	kg	Serrated				3
A-60F	415.090	JN5	Newtown Inner Light Buoy JN5	NL	4857	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	1.00	49° 12' 6.78"	53° 30' 25.26"	136	kg	Serrated				3
A-60F	415.200	JN2	Newtown Outer Light Buoy JN2	NL	4857	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.00	49° 12' 7.5"	53° 30' 15.48"	136	kg	Serrated				3
A-60F	417.050	JV5	Squid Rocks Light Buoy JV5	NL	4858	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	10.00	49° 6' 41.58"	53° 36' 16.8"	1133	kg	Serrated	12	32	Chain	2
A-60F	417.100	JV7	Heart Island Light Buoy JV7	NL	4858	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.00	49° 7' 1.62"	53° 36' 24.9"	136	kg	Serrated	13	16	Rope	3
A-60F	418.000	JV4	Benburry Light Buoy JV4	NL	4858	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	13.00	49° 6' 34.2"	53° 36' 9.42"	1134	kg	Serrated	15	To Be Fixed	Chain	2
A-60F	419.520	JV8	Walkers Point Light Buoy JV8	NL	4858	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.40	49° 7' 2.76"	53° 36' 23.1"	136	kg	Serrated	12.4	16	Rope	3
A-60F	421.100	JN1	Halfway Reef Light Buoy JN1	NL	4858	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	49° 12' 41.76"	53° 29' 12.54"	136	kg	Serrated	11	16	Rope	3
A-60F	424.520	JG3	Harbour Rock Light Buoy JG3	NL	4858	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	49° 4' .82"	53° 33' 44.51"	136	kg	Serrated	15.3	16	Rope	3
A-60F	438.600	JPC1	Penny's Cove Point Light Buoy JPC1	NL	4855	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	5.00	48° 49' 43.86"	53° 41' 53.52"	1134	kg	Serrated	15	To Be Fixed	Chain	2
A-60F	438.900	JGM4	Linton Rock Light Buoy JGM4	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	14.60	48° 43' 32.7"	53° 56' 39.06"	136	kg		15.6	16	Rope	3
A-60F	439.200	JGM6	Glovertown Harbour Rock Light Buoy JGM6	NL	4855	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.50	48° 41' 40"	54° 0' 39"	136	kg	Serrated	8.5	16	Rope	3
A-60F	439.220	JGM5	Middle Arm Light Buoy JGM5	NL	4855	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	48° 42' 36"	53° 57' 7.2"	136	kg	Serrated	5.5	16	Rope	3
A-60F	439.290	JR	Hail Island East Cardinal Light Buoy JR	NL	4855	Night	0.6m Spar Can (Long)	510	Steel	Black-yellow-black	Year Round	20.00	48° 45' 41.82"	53° 45' 41.16"	1134	kg	Serrated	27	To Be Fixed	Chain	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring			Importance
															Size	UOM	Type	Length (m)	Size in mm	Type	
A-60F	439.300	JRR	Varket Channel West Cardinal Light Buoy JRR	NL	4855	Night	0.6m Spar Can (Long)	510	Steel	Yellow-black-yellow	Year Round	20.00	48° 46' 28.92"	53° 45' 19.29"	1134	kg	Serrated	30	32	Rope	2
A-60F	439.305	JWR	Willis Reach East Cardinal Light Buoy JWR	NL	4855	Night	0.6m Spar Can (Long)	510	Steel	Black-yellow-black	Year Round	15.00	48° 49' 18.12"	53° 42' 8.94"	1134	kg	Serrated	27.5	To Be Fixed	Chain	2
A-60F	439.350	JR4	Burnside Light Buoy JR4	NL	4855	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	18.00	48° 43' 21.96"	53° 46' 53.4"	1134	kg	Serrated	27.5	To Be Fixed	Chain	2
A-60F	439.360	JR6	Burnside Light Buoy JR6	NL	4855	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	5.60	48° 43' 6.6"	53° 47' 3.78"	1134	kg	Serrated	9	To Be Fixed	Chain	2
A-60F	442.000	JC6	Big Rock Light Buoy JC6	NL	4855	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	9.00	48° 26' 12"	54° 0' 6"	1134	kg	Serrated	16.5	To Be Fixed	Chain	2
A-60F	442.170	JSB	Chance Cove Ledge Light Buoy JSB	NL	4855	Night	1.4m Buoy	1811	Steel	Red-green-red	Seasonal	20.00	48° 33' 21"	53° 36' 21"	1134	kg	Serrated	27	20	Chain	2
A-60F	445.200	JB5	Bonavista Outer Shoal Light Buoy JB5	NL	4849	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	15.00	48° 39' 2.46"	53° 7' 54.84"	1134	kg	Serrated	19	To Be Fixed	Chain	2
A-60F	445.400	JB7	Bonavista Entrance Light Buoy JB7	NL	4849	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	48° 39' .06"	53° 7' 11.64"	136	kg	Serrated	10	16	Rope	3
A-60F	447.100	JB6	Bonavista Outer Light Buoy JB6	NL	4849	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	48° 38' 55.92"	53° 6' 58.2"	136	kg	Serrated	8	16	Rope	3

Contract Area name:	Trinity Bay
Contract Area no.:	A-61
Province(s):	Newfoundland and Labrador
Contract Area Description:	The Contract Area includes the area from Cape Bonavista to Bay de Verde and consists of 7 sub-contract areas, see table, page 2.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>
Coast Guard Depot:	St. John's
Commissioning date:	April 15th
Decommissioning date:	December 15th
Total no. of buoys:	62
Max. buoy size(m) diameter :	1.4
Maximum anchor size (weight (kg)):	1134
Maximum buoy weight (kg) :	1811
Maximum water depth (m) :	61
Operational Season:	April 15th to December 15th
Overview of work activities:	6 buoys are 'year round' and 48 buoys are 'seasonal'. All are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comment:	The sub areas will be tendered as separate contracts.

Contract Area name:	Trinity Bay
Contract Area no.:	A-61

Contract Area name:	Trinity Bay
Contract Area no.:	A-61
Sub-contract areas	
A-61A: Catalina	4 buoys
A-61B: Chance Cove	7 buoys
A-61C: Long Cive	8 buoys
A-61D:New Harbour	3 buoys
A-61E:Winterton	2 buoys
A61F: Old Perlican	7 buoys
A-61G: from Cape Bonavista to Bay de Verde excluding harbour areas	31 buoys

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-61A	460.200	TC14	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N861/10	Extinguished / Éteinte	18/05/2010	3
A-61B	467.150	TG3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N698/11	Extinguished / Éteinte	19/05/2011	3
A-61B	467.160	TG5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N699/11	Extinguished / Éteinte	19/05/2011	3
A-61B	467.140	TG1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1144/11	Off Position / Hors Position	21/07/2011	3
A-61B	467.140	TG1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N730/12	Extinguished / Éteinte	15/05/2012	3
A-61B	467.150	TG3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1733/12	Extinguished / Éteinte	16/09/2012	3
A-61C	466.840	TL1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1864/09	Extinguished / Éteinte	06/11/2009	3
A-61C	466.860	TL3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1865/09	Extinguished / Éteinte	06/11/2009	3
A-61C	470.950	TS6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1289/13	Extinguished / Éteinte	02/07/2013	3
A-61C	470.940	TS5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1288/13	Extinguished / Éteinte	02/07/2013	3
A-61D	466.910	TN2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1767/12	Extinguished / Éteinte	25/09/2012	3
A-61E	469.220	TW2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1290/13	Extinguished / Éteinte	02/07/2013	3
A-61F	470.740	TP3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N783/11	Extinguished / Éteinte	31/05/2011	3
A-61F	470.730	TP2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N562/12	Extinguished / Éteinte	01/05/2012	3
A-61F	470.550	TP8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N872/12	Extinguished / Éteinte	23/05/2012	3
A-61F	467.250	TB3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1629/12	Extinguished / Éteinte	23/08/2012	3
A-61F	470.720	TP5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N800/13	Extinguished / Éteinte	17/05/2013	3
A-61G	458.810	TC6	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N193/09	Off Position / Hors Position	02/02/2009	2
A-61G	457.500	TC5	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N192/09	Damaged / Endommagée	02/02/2009	2
A-61G	459.100	TC10	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N496/09	Extinguished / Éteinte	16/04/2009	2
A-61G	458.810	TC6	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N494/09	Off Position / Hors Position	16/04/2009	2

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-61G	460.000	TC11	0.6m Spar Can (Long)	0.6m espar plate (Long)	N497/09	Extinguished / Éteinte	16/04/2009	2
A-61G	459.000	TC7	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N495/0	Off Position / Hors Position	16/04/2009	2
A-61G	459.000	TC7	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N1748/09	Off Position and extinguished / Hors Position et Éteinte	16/10/2009	2
A-61G	467.240	TB1	1.4m Buoy	1.4m bouée	N2346/09	Extinguished / Éteinte	29/12/2009	2
A-61G	453.500	TC4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N17/10	Off Position / Hors Position	05/01/2010	2
A-61G	457.500	TC5	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N1256/10	Off Position / Hors Position	06/07/2010	2
A-61G	466.010	TV10	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1670/10	Extinguished / Éteinte	27/09/2010	3
A-61G	467.240	TB1	1.4m Buoy	1.4m bouée	N2288/10	Off Position / Hors Position	30/12/2010	2
A-61G	453.500	TC4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N2277/10	Off Position / Hors Position	23/12/2010	2
A-61G	457.500	TC5	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N2089/10	Off Position / Hors Position	01/12/2010	2
A-61G	453.500	TC4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N407/11	Extinguished / Éteinte	18/04/2011	2
A-61G	467.240	TB1	1.4m Buoy	1.4m bouée	N746/11	Showing Improper Character / Caractéristiques Inexactes	25/05/2011	2
A-61G	467.240	TB1	1.4m Buoy	1.4m bouée	N886/11	Extinguished / Éteinte	10/06/2011	2
A-61G	466.100	TVG	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1370/11	Off Position / Hors Position	11/09/2011	2
A-61G	459.000	TC7	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N1428/12	Extinguished / Éteinte	17/07/2012	2
A-61G	458.810	TC6	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N1427/12	Extinguished / Éteinte	17/07/2012	2
A-61G	460.000	TC11	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1474/12	Extinguished / Éteinte	28/07/2012	2
A-61G	465.380	TSP2	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1572/12	Extinguished / Éteinte	14/08/2012	3
A-61G	466.750	TRP2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1879/12	Extinguished / Éteinte	16/10/2012	3
A-61G	459.100	TC10	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1905/12	Off Position / Hors Position	24/10/2012	2
A-61G	459.000	TC7	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N1906/12	Off Position / Hors Position	24/10/2012	2
A-61G	467.240	TB1	1.4m Buoy	1.4m bouée	N0126/13	Off Position / Hors Position	14/01/2013	2
A-61G	459.100	TC10	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N561/13	Extinguished / Éteinte	17/04/2013	2
A-61G	460.000	TC11	0.6m Spar Can (Long)	0.6m espar plate (Long)	N595/13	Showing Improper Character / Caractéristiques Inexactes	24/04/2013	2

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-61G	TB1	467.24	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	14.6	GDI 1.5m Skirt	Cast-Iron/fonte	800	20	14.6

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-61	459.10	TC10	Catalina Harbour Channel Light Buoy TC10	2015
A-61	460.00	TC11	Catalina Harbour Channel Light Buoy TC11	2015
A-61	453.50	TC4	Charlton Rock Light Buoy TC4	2016
A-61	457.50	TC5	Lowe Rock Light Buoy TC5	2016
A-61	458.81	TC6	Catalina Harbour Channel Light Buoy TC6	2016
A-61	459.00	TC7	Catalina Harbour Channel Light Buoy TC7	2016

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-61A	450.100	TM1	Shag Rock Light Buoy TM1	NL	4853	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.00	48° 28' 26.34"	53° 3' 32.76"	136	kg	Serrated	14	16	Rope	3
A-61A	450.200	TM2	Bill's Shoal Light Buoy TM2	NL	4853	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	48° 28' 43.2"	53° 3' 58.08"	136	kg	Serrated	10	16	Rope	3
A-61A	450.300	TM3	Harbour Rock Light Buoy TM3	NL	4853	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.00	48° 28' 44.04"	53° 4' 4.44"	136	kg	Serrated	14	16	Rope	3
A-61A	460.200	TC14	Catalina Harbour Basin North Light Buoy TC14	NL	4849	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	48° 30' 58.6"	53° 4' 22.2"	136	kg	Serrated	8	16	Rope	3
A-61B	467.140	TG1	Tobin' Rock Light Buoy TG1	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	47° 38' 25.2"	53° 44' 46.8"	136	kg	Serrated	7.3	16	Rope	3
A-61B	467.150	TG3	Bellevue Outer Light Buoy TG3	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.60	47° 38' 14.82"	53° 44' 40.3"	136	kg	Serrated	4.6	14	Chain	3
A-61B	467.160	TG5	Bellevue Inner Light Buoy TG5	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.50	47° 38' 15.4"	53° 44' 27.9"	136	kg	Serrated	4.5	16	Rope	3
A-61B	467.170	TG6	Bellevue Inner Light Buoy TG6	NL	4851	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	47° 38' 19.3"	53° 44' 47.1"	136	kg	Serrated	4	16	Rope	3
A-61B	467.209	TB5	Chance Cove Rock Light Buoy TB5	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	47° 40' 45"	53° 49' 36"	136	kg	Serrated	6	16	Rope	3
A-61B	467.250	TB3	Black Cove Rock Light Buoy TB3	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	47° 40' 48.7"	53° 49' 10.8"	136	kg	Serrated	10	16	Rope	3
A-61B	467.260	TB2	Carney's Point Light Buoy TB2	NL	4851	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.50	47° 40' 54.48"	53° 49' 17.22"	136	kg	Serrated	18	16	Rope	3
A-61C	466.840	TL1	Long Cove Outer Light Buoy TL1	NL	N/A	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.50	47° 34' 6.4"	53° 40' .96"	136	kg	Serrated	6.4	16	Rope	3
A-61C	466.860	TL3	Long Cove Inner Light Buoy TL3	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	47° 34' 2.304"	53° 39' 54.222"	136	kg	Serrated	5.5	16	Rope	3
A-61C	470.900	TS1	Thornlea Harbour Light Buoy TS1	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.00	47° 36' 20"	53° 42' 49"	136	kg	Serrated	13	16	Rope	3
A-61C	470.910	TS2	Thornlea Harbour Outer Light Buoy TS2	NL	4851	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	47° 36' 27.8"	53° 42' 35.2"	136	kg	Serrated	9	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-61C	470.920	TS3	Thornlea Outer Light Buoy TS3	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	47° 36' 26.52"	53° 42' 48.42"	136	kg	Serrated	8	16	Rope	3
A-61C	470.930	TS4	Thornlea Outer Light Buoy TS4	NL	4851	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	47° 36' 26.82"	53° 42' 48.48"	136	kg	Serrated	6.5	16	Rope	3
A-61C	470.940	TS5	Thornlea Inner Light Buoy TS5	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.50	47° 36' 26.76"	53° 42' 51.06"	136	kg	Serrated	6.5	16	Rope	3
A-61C	470.950	TS6	Thornlea Inner Light Buoy TS6	NL	4851	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	47° 36' 27.42"	53° 42' 49.86"	136	kg	Serrated	6	16	Rope	3
A-61D	466.910	TN2	New Harbour (Outer) Light Buoy TN2	NL	4851	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	47° 35' 55"	53° 33' 30"	136	kg	Serrated	9	16	Rope	3
A-61D	466.920	TN4	New Harbour (Middle) Light Buoy TN4	NL	4851	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	47° 35' 29.94"	53° 33' 12.9"	136	kg	Serrated	8	16	Rope	3
A-61D	466.930	TN5	New Harbour (Inner) Light Buoy TN5	NL	4851	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	47° 35' 21.48"	53° 33' 5.1"	136	kg	Serrated	8	16	Rope	3
A-61E	469.210	TW1	Northern Point Rock Light Buoy TW1	NL	4850	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	13.00	47° 57' 45"	53° 20' 6"	136	kg	Serrated	15	16	Rope	3
A-61E	469.220	TW2	Winterton Shoal Light Buoy TW2	NL	4850	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	11.00	47° 57' 23"	53° 19' 59"	136	kg	Serrated	13	16	Rope	3
A-61F	470.510	TP7	Old Perlican Inner Light Buoy TP7	NL	4850	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	48° 5' 15.66"	53° 0' 30.84"	272	kg	Serrated	4.6	16	Rope	3
A-61F	470.530	TP9	Old Perlican Inner Harbour Light Buoy TP9	NL	4850	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	48° 5' 16.74"	53° 0' 27.54"	272	kg	Serrated	4.6	16	Rope	3
A-61F	470.550	TP8	Old Perlican Inner Harbour Light Buoy TP8	NL	4850	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.80	48° 5' 10.32"	53° 0' 36.24"	272	kg	Serrated	6.5	16	Rope	3
A-61F	470.710	TP4	Old Perlican Inner Light Buoy TP4	NL	4850	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.90	48° 5' 18.4"	53° 0' 48.3"	272	kg	Serrated	8.2	16	Rope	3
A-61F	470.720	TP5	Old Perlican Inner Light Buoy TP5	NL	4850	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.30	48° 5' 20.04"	53° 0' 47.76"	272	kg	Serrated	8.2	16	Rope	3
A-61F	470.730	TP2	Old Perlican Outer Light Buoy TP2	NL	4850	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.30	48° 5' 22.0998"	53° 0' 51.12"	272	kg	Serrated	8.2	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-61F	470.740	TP3	Old Perlican Outer Light Buoy TP3	NL	4850	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.90	48° 5' 21"	53° 0' 48"	272	kg	Serrated	8.2	16	Rope	3
A-61G	453.500	TC4	Charlton Rock Light Buoy TC4	NL	4849	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	11.00	48° 30' 44"	53° 3' 13.5"	1134	kg	Serrated	23	32	Rope	2
A-61G	457.500	TC5	Lowe Rock Light Buoy TC5	NL	4849	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	11.70	48° 30' 28.6"	53° 3' 52.2"	1134	kg	Serrated	20	32	Rope	2
A-61G	458.810	TC6	Catalina Harbour Channel Light Buoy TC6	NL	4849	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	7.30	48° 30' 41"	53° 4' 16.5"	1134	kg	Serrated	11	32	Chain	2
A-61G	459.000	TC7	Catalina Harbour Channel Light Buoy TC7	NL	4849	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	7.30	48° 30' 42"	53° 4' 19.8"	1134	kg	Serrated	11	32	Rope	2
A-61G	459.100	TC10	Catalina Harbour Channel Light Buoy TC10	NL	4849	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	7.30	48° 30' 51"	53° 4' 14.8"	1134	kg	Serrated	11	20	Chain	2
A-61G	460.000	TC11	Catalina Harbour Channel Light Buoy TC11	NL	4849	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.30	48° 30' 51.4"	53° 4' 18.1"	1134	kg	Serrated	11	20	Chain	2
A-61G	462.310	TR1	Port Rexton Shoal Light Buoy TR1	NL	4853	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	48° 23' 18.72"	53° 19' 33.9"	136	kg	Serrated	12.8	16	Rope	3
A-61G	462.500	TCW1	Bennett's Point Rock Light Buoy TCW1	NL	4853	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	48° 22' 32.4"	53° 17' 27.6"	272	kg	Serrated	18	16	Rope	3
A-61G	463.100	TRB3	Old Bonaventure Entrance Light Buoy TRB3	NL	4853	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	48° 17' 4.2"	53° 25' 38.4"	136	kg	Serrated	4.6	16	Rope	3
A-61G	463.290	TRB4	Old Bonaventure Inner Light Buoy TRB4	NL	4853	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	48° 17' 5.4"	53° 25' 37.2"	136	kg	Serrated	4.6	16	Rope	3
A-61G	464.600	TRP	Indian Rock Light Buoy TRP	NL	4852	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black-yellow	Seasonal	6.00	48° 12' 32.1"	53° 31' 51.9"	136	kg	Serrated	14	16	Rope	3
A-61G	465.380	TSP2	Southport Rock #1 Light Buoy TSP2	NL	4852	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal	6.40	48° 2' 37.92"	53° 38' 47.58"			Serrated	10.7	16	Rope	3
A-61G	465.390	TSP4	Southport Rock # 2 Light Buoy TSP4	NL	4852	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	48° 2' 37.56"	53° 38' 42.3"	136	kg	Serrated	5.5	16	Rope	3
A-61G	465.800	TV4	Quarry Rock Light Buoy TV4	NL	4852	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	24.00	48° 5' 21.66"	53° 42' 26.94"	680	kg	Serrated	33	32	Rope	1

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring			Importance
															Size	UOM	Type	Length (m)	Size in mm	Type	
A-61G	466.010	TV10	Fosters Point Rock Light Buoy TV10	NL	4852	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	48° 6' 35.8"	53° 53' 57"	136	kg	Serrated	10	16	Rope	3
A-61G	466.080	TV6	Weybridge Shoal Light Buoy TV6	NL	4852	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	10.00	48° 6' 10.2"	53° 54' 4.2"	680	kg	Serrated	20	16	Chain	2
A-61G	466.100	TVG	Gooseberry Cove Shoal Light Buoy TVG	NL	4852	Night	0.6m Spar Can (Long)	510	Steel	Black-red-black	Seasonal	10.00	48° 1' 45"	53° 38' 21"	680	kg	Serrated	27	20	Chain	2
A-61G	466.750	TRP2	Petley Rock Light Buoy TRP2	NL	4852	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	48° 9' 21.42"	53° 44' 30.12"	136	kg	Serrated	5.6	16	Rope	3
A-61G	467.240	TB1	Black Rock Light Buoy TB1	NL	4851	Night	1.4m Buoy	1811	Steel	Green	Seasonal	10.00	47° 40' 52.8"	53° 48' 26.6"	1134	kg	Serrated	14.6	20	Chain	2
A-61G	469.890	TH1	Rift Raft Rocks Light Buoy TH1	NL	4850	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	60.00	48° 3' 6"	53° 14' 25"	680	kg	Serrated	80	32	Rope	2
A-61G	470.200	TSC2	Sibley's Cove Light Buoy TSC2	NL	4850	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	48° 2' 40.8"	53° 6' 13.38"	136	kg	Serrated	8	16	Rope	3
A-61G	470.300	TSC1	Sibley's Cove Light Buoy TSC1	NL	4850	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	48° 2' 42.24"	53° 6' 11.4"	136	kg	Serrated	8	16	Rope	3
A-61G	471.510	TP1	Old Perlican Outer Light Buoy TP1	NL	4850	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	18.00	48° 5' 56.5"	53° 1' 19.7"	680	kg	Serrated	27	20	Chain	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Conception Bay		
Contract Area no.:	A-62		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	The Contract Area includes the area from Bay de Verde to Cape St. Francis and consists of 3 sub-contract areas: A-62A: Harbour Grace2 buoys A-62B: Foxtrap12 buoys A-62C: from Cape Bonavista to Bay de Verde excluding the harbour areas17 buoys		
Material Transportation & Storage	Material storage by: ContractorMaterial Transportation by: Canadian Coast Guard Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).		
Coast Guard Depot:	St. John's		
Commissioning date:	April 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	31		
Max. buoy size(m) diameter :	0.6		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	637		
Maximum water depth (m) :	21		
Operational Season:	April 15th to December 15th		
Overview of work activities:	9 buoys are 'year round' , 22 are 'seasonal'. All are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	The sub areas will be tendered as separate contracts.		

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-62C	484.300	CB5	0.6m Spar Can (Long)	0.6m espar plate (Long)	N183/09	Extinguished / Éteinte	30/01/2009	2
A-62C	484.300	CB5	0.6m Spar Can (Long)	0.6m espar plate (Long)	N433/09	Off Position / Hors Position	03/04/2009	2
A-62C	484.200	CB4	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N432/09	Off Position / Hors Position	03/04/2009	2
A-62C	484.100	CB2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N396/09	Off Position / Hors Position	28/03/2009	2
A-62C	497.400	CL12	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1226/09	Extinguished / Éteinte	09/07/2009	2
A-62A	497.500	CL14	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1228/09	Showing Improper Character / Caractéristiques Inexactes	09/07/2009	3
A-62C	484.300	CB5	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1388/09	Extinguished / Éteinte	03/08/2009	2
A-62C	480.700	CG6	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1462/09	Extinguished / Éteinte	15/08/2009	2
A-62A	497.110	CW5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1568/09	Extinguished / Éteinte	02/09/2009	3
A-62A	498.500	CCV	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N684/10	Extinguished / Éteinte	01/05/2010	3
A-62A	496.900	CN3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N790/10	Off Position / Hors Position	10/05/2010	3
A-62C	480.000	CG3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1401/10	Extinguished / Éteinte	06/08/2010	2
A-62C	486.650	CP2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1509/10	Extinguished / Éteinte	28/08/2010	3
A-62A	491.570	CW9	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N838/11	Partially Submerged / Partiellement Submergée	05/06/2011	3
A-62C	475.600	CJ6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1737/12	Off Position / Hors Position	17/09/2012	3
A-62C	475.500	CJ5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1736/12	Off Position / Hors Position	17/09/2012	3
A-62C	475.400	CJ4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1735/12	Off Position / Hors Position	17/09/2012	3
A-62A	498.050	CL20	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1666/12	Extinguished / Éteinte	04/09/2012	3
A-62C	475.400	CJ4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1795/12	Off Position / Hors Position	02/10/2012	3
A-62C	484.200	CB4	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N1561/12	Extinguished / Éteinte	13/08/2012	2
A-62A	498.050	CL20	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1666/12	Extinguished / Éteinte	04/09/2012	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-62A	498.500	CCV	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1813/12	Extinguished / Éteinte	07/10/2012	3
A-62C	484.300	CB5	0.6m Spar Can (Long)	0.6m espar plate (Long)	N2142/12	Reduced Intensity / Intensité réduite	01/12/2012	2
A-62A	498.090	CL	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1264/13	Extinguished / Éteinte	27/06/2013	3
A-62A	498.010	CL15	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1265/13	Extinguished / Éteinte	27/06/2013	3
A-62A	498.050	CL20	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1266/13	Extinguished / Éteinte	27/06/2013	3
A-62A	498.160	CW3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1267/13	Extinguished / Éteinte	27/06/2013	3
A-62A	497.110	CW5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1268/13	Extinguished / Éteinte	27/06/2013	3
A-62C	475.500	CJ5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1269/13	Extinguished / Éteinte	27/06/2013	3
A-62A	497.500	CL14	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1334/13	Extinguished / Éteinte	08/07/2013	3
Note:	There is no outage history for the sub-contract area A-62A in the five year records used for this report. For the purpose of bidding, assume there is one outage per operational season and that the outage type is 'buoy off position /lost'							
Note:	Il n'y a pas d'historique de panne pour la sous-zone de contrat A-62A pour les cinq années utilisées dans ce rapport. Aux fins de l'appel d'offres, assumez qu'il y a une panne par saison d'opération et que le type de panne est une bouée hors position/ perdu							

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-62	484.10	CB2	Bay Roberts Channel East Light Buoy CB2	2015
A-62	484.20	CB4	Bay Roberts Channel West Light Buoy CB4	2016
A-62	484.30	CB5	Bay Roberts Inner Channel Light Buoy CB5	2015
A-62	480.00	CG3	The Bar Harbour Grace Light Buoy CG3	2015
A-62	480.50	CG4	Caplin Cove Point Light Buoy CG4	2015
A-62	480.70	CG6	Point Of Beach Light Buoy CG6	2015
A-62	497.40	CL12	Long Pond Harbour Light Buoy CL12	2015
A-62	497.30	CL2	Long Pond Channel Light Buoy CL2	2015
A-62	497.20	CL3	Long Pond Channel Light Buoy CL3	2015

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-62A	491.570	CW9	Kelligrews Point Light Buoy CW9	NL	4847	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	21.00	47° 30' 30"	53° 1' 48"	136	kg	Serrated	23	16	Rope	3
A-62A	496.800	CN1	Long Pond Harbour Turning Light Buoy CN1	NL	4848	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.40	47° 31' 2.4"	52° 58' 33.3"	136	kg	Serrated	9	16	Rope	3
A-62A	496.900	CN3	Long Pond Harbour Turning Light Buoy CN3	NL	4848	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	47° 30' 58.98"	52° 58' 34.2"	136	kg	Serrated	9	16	Rope	3
A-62A	497.110	CW5	Manuels River Light Buoy CW5	NL	4847	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.50	47° 32' 25"	52° 57' 12"	136	kg	Serrated	13	16	Rope	3
A-62A	497.500	CL14	Long Pond Yacht Channel Light Buoy CL14	NL	4848	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	47° 31' 10.2"	52° 58' 28.5"	136	kg	Serrated	5	16	Rope	3
A-62A	498.010	CL15	Long Pond Channel Light Buoy CL15	NL	4848	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	47° 31' 10.7"	52° 58' 29"	136	kg	Serrated	5	16	Rope	3
A-62A	498.040	CL19	Long Pond Channel Light Buoy CL19	NL	4848	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	47° 31' 15.2"	52° 58' 20.8"	136	kg	Serrated	5	16	Rope	3
A-62A	498.050	CL20	Long Pond Yacht Channel Light Buoy CL20	NL	4848	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	47° 31' 14.94"	52° 58' 19.2"	136	kg	Serrated	5	16	Rope	3
A-62A	498.060	CL23	Long Pond Yacht Channel Light Buoy CL23	NL	4848	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.60	47° 31' 18.36"	52° 58' 14.7"	136	kg	Serrated	5	16	Rope	3
A-62A	498.090	CL	Long Pond Harbour Cautionary Light Buoy CL	NL	4848	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Seasonal	3.00	47° 31' 14.6"	52° 57' 52.6"	136	kg	Serrated	4	16	Rope	3
A-62A	498.160	CW3	Topsail Head Light Buoy CW3	NL	4847	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	16.30	47° 33' 11"	52° 55' 20"	136	kg	Serrated	18.3	16	Rope	3
A-62A	498.500	CCV	Chimney Cove East Cardinal Light Buoy CCV	NL	4847	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow-black	Seasonal	11.00	47° 33' 2"	53° 0' 9"	136	kg	Serrated	13	16	Rope	3
A-62B	482.500	CG7	Harbour Grace Light Buoy CG7	NL	4849	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	13.00	47° 40' 27.47"	53° 14' 29.91"	136	kg	Serrated	13	16	Rope	3
A-62B	482.708	CG9	Harbour Grace Inner Light Buoy CG9	NL	4849	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	47° 40' 25.5"	53° 14' 26.04"	136	kg	Serrated	9	16	Rope	3
A-62C	475.400	CJ4	Salvage Shoal Light Buoy CJ4	NL	4850	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	11.00	47° 55' 24.24"	53° 3' 27"	136	kg	Serrated	13	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-62C	475.500	CJ5	Ochre Pit Cove East Light Buoy CJ5	NL	4850	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	18.00	47° 54' 58"	53° 3' 38"	136	kg	Serrated	20	16	Rope	3
A-62C	475.600	CJ6	Ochre Pit Cove West Light Buoy CJ6	NL	4850	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	14.00	47° 55' 7"	53° 3' 46"	136	kg	Serrated	16	16	Rope	3
A-62C	480.000	CG3	The Bar Harbour Grace Light Buoy CG3	NL	4849	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.30	47° 41' 37.5"	53° 12' 11.7"	1134	kg	Serrated	15	20	Chain	2
A-62C	480.500	CG4	Caplin Cove Point Light Buoy CG4	NL	4849	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	8.00	47° 41' 42"	53° 12' 15"	1134	kg	Serrated	15	20	Chain	2
A-62C	480.700	CG6	Point Of Beach Light Buoy CG6	NL	4849	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	10.00	47° 41' 30"	53° 12' 34.98"	1134	kg	Serrated	15	20	Chain	2
A-62C	484.100	CB2	Bay Roberts Channel East Light Buoy CB2	NL	4847	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	17.30	47° 35' 37.8"	53° 14' 54"	1134	kg	Serrated	22	20	Chain	2
A-62C	484.200	CB4	Bay Roberts Channel West Light Buoy CB4	NL	4847	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	11.00	47° 35' 37.201"	53° 15' 6.001"	1134	kg	Serrated	15	32	Rope	2
A-62C	484.300	CB5	Bay Roberts Inner Channel Light Buoy CB5	NL	4847	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	15.50	47° 35' 32.7"	53° 15' .3"	1134	kg	Serrated	20	20	Chain	2
A-62C	486.650	CP2	Mouse Rock Light Buoy CP2	NL	4847	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	14.60	47° 26' 53"	53° 11' 35"	136	kg	Serrated	17	16	Rope	3
A-62C	487.280	CC4	Cupids Inner #2 Light Buoy CC4	NL	4847	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	47° 32' 56.4"	53° 13' 57.6"	136	kg	Serrated	4.5	16	Rope	3
A-62C	487.290	CC3	Cupids Inner #1 Light Buoy CC3	NL	4847	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	47° 32' 56.4"	53° 13' 56.4"	136	kg	Serrated	5.5	16	Rope	3
A-62C	487.300	CC1	Cupids Outer #1 Light Buoy CC1	NL	4847	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	47° 32' 57.6"	53° 13' 54.6"	136	kg	Serrated	4.5	16	Rope	3
A-62C	487.400	CC2	Cupids Outer #2 Light Buoy CC2	NL	4847	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.80	47° 32' 58.2"	53° 13' 55.2"	136	kg	Serrated	4.5	16	Rope	3
A-62C	497.200	CL3	Long Pond Channel Light Buoy CL3	NL	4848	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	9.00	47° 31' 13.38"	52° 58' 47.22"	1134	kg	Serrated	14	20	Chain	2
A-62C	497.300	CL2	Long Pond Channel Light Buoy CL2	NL	4848	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	9.20	47° 31' 12.6"	52° 58' 49.92"	1134	kg	Serrated	15	20	Chain	2
A-62C	497.400	CL12	Long Pond Harbour Light Buoy CL12	NL	4848	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	6.50	47° 31' 4.6"	52° 58' 33.9"	1134	kg	Serrated	11	20	Chain	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	East Coast		
Contract Area no.:	A-63		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	The Contract Area includes the area from Cape St. Francis to Cape St. Mary's and consists of 3 sub-contract areas: A-63A: Cape Broyle2 buoys A-63B: Renews5 buoys A-63C: from Cape St. Francis to Cape St. Mary's excluding the harbour areas15 buoys		
Material Transportation & Storage	Material storage by: ContractorMaterial Transportation by: Canadian Coast Guard Lanterns to be returned to CCG depot at end of operational season (shipping paid by CCG).		
Coast Guard Depot:	St. John's		
Commissioning date:	April 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	22		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	61		
Operational Season:	April 15th to December 15th		
Overview of work activities:	13 buoys are 'year round', 9 are 'seasonal'. All are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	The sub areas will be tendered as separate contracts.		

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-63B	515.400	MR2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N614/09	Extinguished / Éteinte	11/05/2009	3
A-63B	515.560	MR6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1654/10	Off Position / Hors Position	24/09/2010	3
A-63B	515.540	MR3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1651/10	Off Position / Hors Position	24/09/2010	3
A-63B	515.530	MR4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1652/10	Off Position / Hors Position	24/09/2010	3
A-63B	515.550	MR5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1653/10	Off Position / Hors Position	24/09/2010	3
A-63B	515.400	MR2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1650/10	Off Position / Hors Position	24/09/2010	3
A-63B	515.400	MR2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N351/11	Extinguished / Éteinte	07/04/2011	3
A-63B	515.530	MR4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N521/12	Extinguished / Éteinte	26/04/2012	3
A-63B	515.400	MR2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1726/11	Extinguished / Éteinte	07/11/2011	3
A-63C	503.500	S2	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N69/09	Extinguished / Éteinte	07/01/2009	2
A-63C	508.211	MCB	1.4m Buoy	1.4m bouée	N278/09	Off Position / Hors Position	28/02/2009	2
A-63C	511.230	MF6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N567/09	Off Position / Hors Position	04/05/2009	3
A-63C	503.500	S2	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N605/09	Extinguished / Éteinte	09/05/2009	2
A-63C	503.500	S2	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1129/09	Extinguished / Éteinte	24/06/2009	2
A-63C	507.510	MP1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1422/09	Extinguished / Éteinte	07/08/2009	3
A-63C	1.910	MPS1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1331/09	Off Position / Hors Position	23/07/2009	3
A-63C	503.500	S2	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1858/09	Extinguished / Éteinte	05/11/2009	2
A-63C	503.000	S3	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1876/09	Extinguished / Éteinte	08/11/2009	2
A-63C	508.211	MCB	1.4m Buoy	1.4m bouée	N1916/09	Extinguished / Éteinte	13/11/2009	2
A-63C	503.000	S3	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N6/10	Extinguished / Éteinte	03/01/2010	2
A-63C	502.000	S1	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N381/10	Partially Submerged / Partiellement Submergée	06/03/2010	2
A-63C	511.220	MF4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N988/10	Extinguished / Éteinte	02/06/2010	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-63C	511.230	MF6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N987/10	Off Position / Hors Position	02/06/2010	3
A-63C	510.100	MK2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1335/10	Extinguished / Éteinte	26/07/2010	3
A-63C	510.100	MK2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1378/10	Off Position / Hors Position	03/08/2010	3
A-63C	510.100	MK2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1378/10	Showing Improper Character / Caractéristiques Inexactes	03/08/2010	3
A-63C	510.100	MK2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1428/10	Off Position / Hors Position	11/08/2010	3
A-63C	508.211	MCB	1.4m Buoy	1.4m bouée	N1646/10	Off Position / Hors Position	24/09/2010	2
A-63C	503.500	S2	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N649/11	Partially Submerged / Partiellement Submergée	15/05/2011	2
A-63C	507.500	MP2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1131/11	Extinguished / Éteinte	20/07/2011	3
A-63C	507.510	MP1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1274/11	Extinguished / Éteinte	23/08/2011	3
A-63C	1.910	MPS1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N386/12	Off Position / Hors Position	16/04/2012	3
A-63C	502.000	S1	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N1068/12	Off Position / Hors Position	02/06/2012	2
A-63C	502.000	S1	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N337/12	Off Position / Hors Position	04/04/2012	2
A-63C	503.500	S2	0.6m plastique Ice Spar (21ft. long)	0.6m espar de glace (21 pi.) PL	N338/12	Off Position / Hors Position	04/04/2012	2
A-63C	508.211	MCB	1.4m Buoy	1.4m bouée	N1603/11	Off Position / Hors Position	17/10/2011	2
A-63C	508.211	MCB	1.4m Buoy	1.4m bouée	N1714/11	Off Position / Hors Position	04/11/2011	2
A-63C	508.211	MCB	1.4m Buoy	1.4m bouée	N74/12	Extinguished / Éteinte	23/01/2012	2
A-63C	507.500	MP2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1191/12	Off Position / Hors Position	12/06/2012	3
A-63C	507.510	MP1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1039/12	Off Position / Hors Position	31/05/2012	3
A-63C	508.211	MCB	1.4m Buoy	1.4m bouée	N1712/12	Off Position / Hors Position	12/09/2012	2
A-63C	508.211	MCB	1.4m Buoy	1.4m bouée	N0016/13	Off Position / Hors Position	04/01/2013	2
A-63C	507.500	MP2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N0128/13	Off Position / Hors Position	14/01/2013	3
A-63C	511.230	MF6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N0443/12	Off Position / Hors Position	22/03/2013	3
A-63C	511.230	MF6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N0645/13	Off Position / Hors Position	03/05/2013	3

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-63C	8.120	MH6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N856/13	Extinguished / Éteinte	23/05/2013	3
A-63C	8.100	MH4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N855/13	Extinguished / Éteinte	23/05/2013	3
A-63C	1.910	MPS1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N523/13	Off Position / Hors Position	08/04/2013	3
A-63C	503.500	S2	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N617/13	Partially Submerged / Partiellement Submergée	28/04/2013	2
A-63C	502.000	S1	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N621/13	Extinguished / Éteinte	28/04/2013	2
Note:	There is no outage history for the sub-contract area A-63A in the five year records used for this report. For the purpose of bidding, assume there is one outage per operational season and that the outage type is 'buoy off position /lost'							
Note:	Il n'y a pas d'historique de panne pour la sous-zone de contrat A-63A pour les cinq années utilisées dans ce rapport. Aux fins de l'appel d'offres, assumez qu'il y a une panne par saison d'opération et que le type de panne est une bouée hors position/ perdu							

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-63C	MCB	508.211	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	2727	20	85	Sealite Trident-1400	Cast-Iron/fonte	1361	20	73.2

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-63	509.50	MA2	Aquaforte Harbour Shoal Light Buoy MA2	2015
A-63	508.21	MCB	Old Harry East Cardinal Light Buoy MCB	2015
A-63	3.00	ME2	Emerald Shoal Light Buoy ME2	2016
A-63	511.21	MF2	Lumley Cove Outer Light Buoy MF2	2016
A-63	511.22	MF4	Lumley Cove Middle Light Buoy MF4	2015
A-63	511.23	MF6	Lumley Cove Inner Light Buoy MF6	2016
A-63	8.10	MH4	Riverhead Outer Light Buoy MH4	2017
A-63	8.12	MH6	Riverhead Inner Light Buoy MH6	2017
A-63	510.10	MK2	Port Kirwan Light Buoy MK2	2016
A-63	1.91	MPS1	Black Rock Light Buoy MPS1	2015
A-63	502.00	S1	Pancake Shoal Light Buoy S1	2016
A-63	503.50	S2	Ellinor Rock Light Buoy S2	2016
A-63	503.00	S3	Prosser Rock Light Buoy S3	2016

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-63A	508.210	MB2	Saturday Ledge Light Buoy MB2	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	23.00	47° 5' 27.4"	52° 55' 2.3"	136	kg	Serrated	26	16	Rope	3
A-63A	508.220	MB4	Harbour Rock Light Buoy MB4	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	14.60	47° 5' 28.7"	52° 56' 31.2"	136	kg	Serrated	18	16	Rope	3
A-63B	515.400	MR2	White Horse Rock Light Buoy MR2	NL	4844	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	12.00	46° 54' 59.22"	52° 55' 52.2"	272	kg	Serrated	14	16	Rope	3
A-63B	515.530	MR4	Renews Harbour #1 Light Buoy MR4	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	46° 55' 34.7"	52° 56' 40.15"	136	kg	Serrated	5	16	Rope	3
A-63B	515.540	MR3	Renews Harbour #2 Light Buoy MR3	NL	4845	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	46° 55' 32"	52° 56' 37"	136	kg	Serrated	5	16	Rope	3
A-63B	515.550	MR5	Renews Harbour #3 Light Buoy MR5	NL	4845	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.00	46° 55' 37"	52° 56' 44.5"	136	kg	Serrated	5	16	Rope	3
A-63B	515.560	MR6	Renews Harbour #4 Light Buoy MR6	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	46° 55' 39.3"	52° 56' 46.02"	136	kg	Serrated	5	16	Rope	3
A-63C	1.910	MPS1	Black Rock Light Buoy MPS1	NL	4844	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.00	46° 42' 16.26"	53° 15' 40.38"	272	kg	Serrated	6	16	Rope	3
A-63C	3.000	ME2	Emerald Shoal Light Buoy ME2	NL	4844	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	13.00	46° 44' 29.87"	53° 22' 26.54"	680	kg	Serrated	35	32	Rope	2
A-63C	8.100	MH4	Riverhead Outer Light Buoy MH4	NL	4843	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	8.00	46° 57' 38.94"	53° 31' 37.77"	272	kg	Serrated	10	16	Rope	3
A-63C	8.120	MH6	Riverhead Inner Light Buoy MH6	NL	4843	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	46° 57' 50.86"	53° 31' 37.77"	272	kg	Serrated	6	16	Rope	3
A-63C	502.000	S1	Pancake Shoal Light Buoy S1	NL	4846	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	12.80	47° 33' 56.3"	52° 41' 13.2"	1814	kg	Serrated	15	32	Chain	2
A-63C	503.000	S3	Prosser Rock Light Buoy S3	NL	4846	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	18.30	47° 33' 57.8"	52° 41' 27.2"	1814	kg	Serrated	22	To Be Fixed	Chain	2
A-63C	503.500	S2	Ellinor Rock Light Buoy S2	NL	4846	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	10.00	47° 33' 58.8"	52° 40' 59.4"	1814	kg	Serrated	11.5	To Be Fixed	Chain	2
A-63C	507.500	MP2	Petty Harbour Shoal Light Buoy MP2	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	47° 27' 53"	52° 42' 5"	272	kg	Serrated	11	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring			Importance
															Size	UOM	Type	Length (m)	Size in mm	Type	
A-63C	507.510	MP1	Petty Harbour Shoal Light Buoy MP1	NL	4845	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.00	47° 27' 51.72"	52° 42' 5.28"	136	kg	Serrated	15	16	Rope	3
A-63C	508.211	MCB	Old Harry East Cardinal Light Buoy MCB	NL	4845	Night	1.4m Buoy	1811	Steel	Black-yellow-black	Year Round	65.00	47° 4' 20.28"	52° 50' 17.52"	2727	kg	Serrated	85	20	Chain	2
A-63C	509.500	MA2	Aquaforte Harbour Shoal Light Buoy MA2	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	47° 0' 21.84"	52° 57' 22.8"	136	kg	Serrated	5.5	16	Rope	3
A-63C	510.100	MK2	Port Kirwan Light Buoy MK2	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.00	46° 58' 10.02"	52° 54' 41.04"	262	kg	Serrated	6	16	Rope	3
A-63C	511.210	MF2	Lumley Cove Outer Light Buoy MF2	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	10.40	46° 58' 17"	52° 56' 35"	136	kg	Serrated	11	16	Rope	3
A-63C	511.220	MF4	Lumley Cove Middle Light Buoy MF4	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	10.90	46° 58' 16"	52° 56' 39.5"	136	kg	Serrated	11	16	Rope	3
A-63C	511.230	MF6	Lumley Cove Inner Light Buoy MF6	NL	4845	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.90	46° 58' 15"	52° 56' 44.5"	136	kg	Serrated	11	16	Rope	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Placentia Bay East		
Contract Area no.:	A-64		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	Includes the area from Cape St. Mary's to Garden Cove.		
Material Transportation & Storage	Material storage by:	Contractor	Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>
Coast Guard Depot:	St. John's		
Commissioning date:	April 15th		
Decommissioning date:	December 15th		
Total no. of buoys:	22		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1814		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	25		
Operational Season:	April 15th to December 15th		
Overview of work activities:	<p>20 buoys are 'year round' , 2 are 'seasonal'. All are equipped with lanterns.</p> <p>For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly.</p> <p>At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers.</p> <p>The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only.</p> <p>Unscheduled work includes response to discrepancies during the operational season.</p>		

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-64	38.080	EE3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N89/09	Off Position / Hors Position	09/01/2009	3
A-64	36.300	AF5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N428/09	Extinguished / Éteinte	03/04/2009	3
A-64	49.300	ER1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N591/09	Extinguished / Éteinte	08/05/2009	3
A-64	14.500	PSB3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N576/09	Off Position / Hors Position	04/05/2009	3
A-64	14.400	PSB2	1.4m Buoy	1.4m bouée	N575/09	Off Position / Hors Position	04/05/2009	2
A-64	14.500	PSB3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N738/09	Off Position / Hors Position	25/05/2009	3
A-64	38.090	EE4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1672/09	Off Position / Hors Position	01/10/2009	3
A-64	14.500	PSB3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N449/10	Off Position / Hors Position	25/03/2010	3
A-64	14.500	PSB3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N491/10	Extinguished / Éteinte	05/04/2010	3
A-64	36.300	AF5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N520/10	Extinguished / Éteinte	11/04/2010	3
A-64	62.930	PW2.2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N654/10	Extinguished / Éteinte	29/04/2010	3
A-64	49.400	PH2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1591/10	Extinguished / Éteinte	15/09/2010	3
A-64	49.440	PH4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1592/10	Off Position and extinguished / Hors Position et Éteinte	15/09/2010	3
A-64	36.300	AF5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1617/10	Off Position / Hors Position	21/09/2010	3
A-64	49.100	ER5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1694/10	Off Position / Hors Position	28/09/2010	3
A-64	49.300	ER1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1695/10	Off Position / Hors Position	28/09/2010	3
A-64	49.100	ER5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N244/11	Extinguished / Éteinte	10/03/2011	3
A-64	37.600	PFH1	1.4m Buoy	1.4m bouée	N406/11	Off Position / Hors Position	17/04/2011	2
A-64	49.440	PH4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1000/11	Off Position / Hors Position	25/06/2011	3
A-64	14.500	PSB3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1213/11	Extinguished / Éteinte	08/08/2011	3
A-64	49.120	ER3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N262/12	Off Position / Hors Position	18/03/2012	3
A-64	36.000	AF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N358/12	Damaged / Endommagée	07/04/2012	3
A-64	14.400	PSB2	1.4m Buoy	1.4m bouée	N1514/11	Off Position / Hors Position	11/10/2011	2
A-64	14.500	PSB3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1434/11	Off Position / Hors Position	23/10/2011	3

Historique des pannesJanvier 2009- décembre 2013Outage HistoryJanuary 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-64	14.400	PSB2	1.4m Buoy	1.4m bouée	N3/12	Off Position / Hors Position	03/01/2012	2
A-64	28.100	A11	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1002/12	Reduced Intensity / Intensité réduite	29/05/2012	3
A-64	28.100	A11	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1223/12	Reduced Intensity / Intensité réduite	14/06/2012	3
A-64	49.120	ER3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1357/12	Off Position / Hors Position	05/07/2012	3
A-64	37.600	PFH1	1.4m Buoy	1.4m bouée	N2069/12	Extinguished / Éteinte	24/11/2012	2
A-64	49.400	PH2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N0284/13	Off Position / Hors Position	07/02/2013	3
A-64	36.200	AF4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N824/13	Extinguished / Éteinte	21/05/2013	3
A-64	36.300	AF5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N825/13	Extinguished / Éteinte	21/05/2013	3

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement des orins.

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-64	A8	26.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	---	20	28	GDI 1.5m Skirt	Cast-Iron/fonte	907	20	22.9
A-64	PFH1	37.6	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1814	227	20	36.6	Sealite Trident-1400	Cast-Iron/fonte	1134	20	36.6
A-64	PSB2	14.4	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1814	---	26	36.6	Sealite Trident-1400	Cast-Iron/fonte	1361	26	27.4

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-64	28.10	A11	Argentia Harbour Light Buoy A11	2017
A-64	26.50	A8	Argentia Light Buoy A8	2016
A-64	36.00	AF2	Fox Harbour Outer Light Buoy AF2	2017
A-64	36.20	AF4	Fox Harour Inner Light Buoy AF4	2017
A-64	36.30	AF5	Fox Harbour Light Buoy AF5	2017
A-64	38.20	EC1	Barachois Head Light Buoy EC1	2017
A-64	38.08	EE3	Little Harbor East Outer Light Buoy EE3	2015
A-64	38.09	EE4	Little Hr. East Inner Light Buoy EE4	2015
A-64	38.55	EGS	Southern Harbour Shoal Light Buoy EGS	2017
A-64	49.30	ER1	Red Island Outer Light Buoy ER1	2017
A-64	49.12	ER3	Red Island Middle Light Buoy ER3	2015
A-64	49.10	ER5	Red Island Inner Light Buoy ER5	2017
A-64	37.60	PFH1	Coopers Ledge Light Buoy PFH1	2017
A-64	37.51	PFH3	Chance Rock Fairhaven Light Buoy PFH3	2017
A-64	49.40	PH2	Merasheen Harbour Outer Light Buoy PH2	2016
A-64	49.44	PH4	Merasheen Harbour Inner Light Buoy PH4	2017
A-64	44.40	PLS	La Plante Sunker Light Buoy PLS	2015
A-64	49.41	PV1	Isle Valen Light Buoy PV1	2017
A-64	49.42	PV2	Isle Valen Light Buoy PV2	2017
A-64	62.93	PW2.2	Woody Island Light Buoy PW2.2	2017

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-64	14.400	PSB2	St. Brides Light Buoy PSB2	NL	4841	Night	1.4m Buoy	1811	Steel	Red	Seasonal	18.00	46° 54' 52"	54° 11' 4"	1814	kg	Serrated	37	26	Chain	2
A-64	14.500	PSB3	St. Brides Port Entrance Light Buoy PSB3	NL	4841	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	46° 55' 7.2"	54° 10' 41.2"	680	kg	Serrated	7.5	16	Rope	3
A-64	26.500	A8	Argentia Light Buoy A8	NL	4841	Night	1.4m Buoy	1811	Steel	Red	Year Round	16.00	47° 18' 53.4"	53° 57' 56.3"	1134	kg	Serrated	28	20	Chain	2
A-64	28.100	A11	Argentia Harbour Light Buoy A11	NL	4841	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	20.00	47° 17' 33.5"	53° 58' 51"	272	kg	Serrated	22	16	Rope	3
A-64	36.000	AF2	Fox Harbour Outer Light Buoy AF2	NL	4841	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.00	47° 19' 12.06"	53° 55' 20.64"	136	kg	Serrated	8	16	Rope	3
A-64	36.200	AF4	Fox Harour Inner Light Buoy AF4	NL	4841	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.70	47° 19' 11.4"	53° 55' 17.88"	136	kg	Serrated	4.5	16	Rope	3
A-64	36.300	AF5	Fox Harbour Light Buoy AF5	NL	4841	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.70	47° 19' 11.04"	53° 55' 14.4"	272	kg	Serrated	5.5	16	Rope	3
A-64	37.510	PFH3	Chance Rock Fairhaven Light Buoy PFH3	NL	4617	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	47° 31' 42"	53° 54' 8.5"	136	kg	Serrated	7.3	16	Rope	3
A-64	37.600	PFH1	Coopers Ledge Light Buoy PFH1	NL	4617	Night	1.4m Buoy	1811	Steel	Green	Year Round	23.00	47° 31' 28.26"	53° 56' 2.76"	1814	kg	Serrated	37	20	Chain	2
A-64	38.080	EE3	Little Harbor East Outer Light Buoy EE3	NL	4839	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	12.80	47° 38' 20.2"	53° 56' 17.2"	272	kg	Serrated	14.8	16	Rope	3
A-64	38.090	EE4	Little Hr. East Inner Light Buoy EE4	NL	4839	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	47° 38' 29.5"	53° 56' 9.3"	272	kg	Serrated	7.2	16	Rope	3
A-64	38.200	EC1	Barachois Head Light Buoy EC1	NL	4839	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	8.20	47° 48' 15.36"	54° 0' 40.2"	1134	kg	Serrated	15.2	20	Chain	2
A-64	38.550	EGS	Southern Harbour Shoal Light Buoy EGS	NL	4839	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black-yellow	Year Round	11.80	47° 43' 39"	53° 58' 19.98"	272	kg	Serrated	15.2	16	Rope	3
A-64	44.400	PLS	La Plante Sunker Light Buoy PLS	NL	4839	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black-yellow	Year Round	25.00	47° 45' 15.54"	54° 13' 33.06"	136	kg	Serrated	41	16	Rope	3
A-64	49.100	ER5	Red Island Inner Light Buoy ER5	NL	4617	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	12.00	47° 23' 56.52"	54° 9' 2.52"	136	kg	Serrated	15.5	16	Rope	3
A-64	49.120	ER3	Red Island Middle Light Buoy ER3	NL	4617	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.50	47° 23' 51.6"	54° 8' 51.6"	136	kg	Serrated	9.5	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring			Importance
															Size	UOM	Type	Length (m)	Size in mm	Type	
A-64	49.300	ER1	Red Island Outer Light Buoy ER1	NL	4617	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.00	47° 23' 45"	54° 8' 47"	136	kg	Serrated	10	16	Rope	3
A-64	49.400	PH2	Merasheen Harbour Outer Light Buoy PH2	NL	4619	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.70	47° 24' 22.2"	54° 21' 23"	272	kg	Serrated	9.7	16	Rope	3
A-64	49.410	PV1	Isle Valen Light Buoy PV1	NL	4619	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	8.90	47° 28' 21"	54° 23' 33.6"	136	kg	Serrated	11	16	Rope	3
A-64	49.420	PV2	Isle Valen Light Buoy PV2	NL	4617	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.60	47° 28' 18.9"	54° 23' 28.8"	136	kg	Serrated	10	16	Rope	3
A-64	49.440	PH4	Merasheen Harbour Inner Light Buoy PH4	NL	4619	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	8.90	47° 24' 28.26"	54° 21' 21.18"	272	kg	Serrated	11	16	Rope	3
A-64	62.930	PW2.2	Woody Island Light Buoy PW2.2	NL	4839	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	9.10	47° 46' 30"	54° 12' 32.94"	136	kg	Serrated	11	16	Rope	3

Contract Area name:	Placentia Bay West
Contract Area no.:	A-65
Province(s):	Newfoundland and Labrador
Contract Area Description:	The Contract Area includes the area from Garden Cove to Point May and consists of 4 sub-contract areas, see table, page 2.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG depot at end of operational season (shipping paid by CCG).</i>
Coast Guard Depot:	St. John's
Commissioning date:	April 15th
Decommissioning date:	December 15th
Total no. of buoys:	54
Max. buoy size(m) diameter :	1.4
Maximum anchor size (weight (kg)):	1134
Maximum buoy weight (kg) :	1811
Maximum water depth (m) :	35
Operational Season:	April 15th to December 15th
Overview of work activities:	32 buoys are 'year round', 22 are 'seasonal'. All are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comment:	The sub areas will be tendered as separate contracts.

Contract Area name:	Placentia Bay West
Contract Area no.:	A-65

Contract Area name:	Placentia Bay West
Contract Area no.:	A-65
Sub-contract areas	
A-65A: Baine Harbour	9 buoys
A-65B: Lord's Cove	1 buoy
A-65C:Lamaline	12 buoys
A-65D: from Garden Cove to Point May excluding the harbour areas	32 buoys

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-65	73.820	PK6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N457/09	Extinguished / Éteinte	07/04/2009	3
A-65	73.810	PK3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N456/09	Extinguished / Éteinte	07/04/2009	3
A-65	55.200	PJ2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N493/09	Extinguished / Éteinte	16/04/2009	2
A-65	73.820	PK6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N573/09	Extinguished / Éteinte	04/05/2009	3
A-65	73.810	PK3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N572/09	Extinguished / Éteinte	04/05/2009	3
A-65	55.300	PJ5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N723/09	Extinguished / Éteinte	22/05/2009	3
A-65	53.930	PD8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1237/09	Extinguished / Éteinte	13/07/2009	3
A-65	67.500	PB10	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1238/09	Extinguished / Éteinte	13/07/2009	2
A-65	67.600	PB12	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	1239/09	Extinguished / Éteinte	13/07/2009	2
A-65	56.210	PFD3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1688/09	Extinguished / Éteinte	05/10/2009	3
A-65	75.540	PAG1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1755/09	Off Position / Hors Position	19/10/2009	3
A-65	78.180	PL4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1711/09	Off Position / Hors Position	09/10/2009	3
A-65	66.500	PR3	1.4m Buoy	1.4m bouée	N2265/09	Off Position / Hors Position	16/12/2009	2
A-65	74.400	PSW2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1619/09	Off Position / Hors Position	16/09/2009	2
A-65	75.530	PAG3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N2274/09	Off Position / Hors Position	17/12/2009	3
A-65	53.400	PE7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N484/10	Extinguished / Éteinte	02/04/2010	3
A-65	60.200	PF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N534/10	Extinguished / Éteinte	14/04/2010	3
A-65	78.130	PL5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N691/10	Showing Improper Character / Caractéristiques Inexactes	03/05/2010	3
A-65	78.350	PG3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1251/10	Extinguished / Éteinte	05/07/2010	3
A-65	73.820	PK6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1273/10	Partially Submerged / Partiellement Submergée	10/07/2010	3
A-65	66.500	PR3	1.4m Buoy	1.4m bouée	N1491/10	Off Position / Hors Position	24/08/2010	2
A-65	55.200	PJ2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1366/10	Off Position / Hors Position	30/07/2010	2
A-65	60.200	PF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1699/10	Extinguished / Éteinte	28/09/2010	3

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-65	78.100	PL2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1730/10	Extinguished / Éteinte	05/10/2010	3
A-65	53.300	PE	0.6m Spar Can (Long)	0.6m espar plate (Long)	N2063/10	Partially Submerged / Partiellement Submergée	26/11/2010	2
A-65	74.400	PSW2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N2050/10	Off Position / Hors Position	24/11/2010	2
A-65	53.400	PE7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N68/11	Extinguished / Éteinte	07/01/2011	3
A-65	74.600	PC2	1.4m Buoy	1.4m bouée	N2289/10	Off Position / Hors Position	30/12/2010	2
A-65	51.650	PS2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N296/11	Off Position / Hors Position	25/03/2011	2
A-65	75.540	PAG1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N163/11	Off Position / Hors Position	04/02/2011	3
A-65	51.650	PS2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N510/11	Off Position / Hors Position	01/05/2011	2
A-65	74.400	PSW2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N435/11	Off Position / Hors Position	20/04/2011	2
A-65	51.650	PS2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N331/11	Off Position / Hors Position	01/04/2011	2
A-65	51.650	PS2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N592/11	Off Position / Hors Position	08/05/2011	2
A-65	53.300	PE	0.6m Spar Can (Long)	0.6m espar plate (Long)	N925/11	Partially Submerged / Partiellement Submergée	11/06/2011	2
A-65	55.400	PJ4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N820/11	Extinguished / Éteinte	03/06/2011	3
A-65	75.540	PAG1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1060/11	Off Position / Hors Position	07/07/2011	3
A-65	75.530	PAG3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1061/11	Off Position / Hors Position	07/07/2011	3
A-65	73.820	PK6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1040/11	Off Position / Hors Position	04/07/2011	3
A-65	53.300	PE	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1320/11	Submerged / Submergée	31/08/2011	2
A-65	78.120	PL1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1352/11	Off Position / Hors Position	07/09/2011	3
A-65	78.100	PL2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1351/11	Extinguished / Éteinte	07/09/2011	3
A-65	53.900	PD2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N659/12	Submerged / Submergée	09/05/2012	3
A-65	66.500	PR3	1.4m Buoy	1.4m bouée	N714/12	Extinguished / Éteinte	15/05/2012	2
A-65	51.660	PQ3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N667/12	Extinguished / Éteinte	10/05/2012	3
A-65	66.500	PR3	1.4m Buoy	1.4m bouée	N564/12	Off Position / Hors Position	01/05/2012	2
A-65	78.300	PG4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N332/12	Extinguished / Éteinte	03/04/2012	3

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Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-65	55.160	PJF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1063/12	Extinguished / Éteinte	01/06/2012	3
A-65	53.290	PE5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N308/12	Extinguished / Éteinte	31/03/2012	3
A-65	78.100	PL2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1790/11	Off Position / Hors Position	15/11/2011	3
A-65	74.400	PSW2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1346/11	Off Position / Hors Position	07/09/2011	2
A-65	63.539	PML1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N935/12	Off Position / Hors Position	24/06/2012	3
A-65	72.800	PBR	1.4m Buoy	1.4m bouée	N1721/12	Off Position / Hors Position	13/09/2012	2
A-65	55.200	PJ2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1444/12	Extinguished / Éteinte	20/07/2012	2
A-65	55.300	PJ5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N508/12	Extinguished / Éteinte	24/04/2012	3
A-65	72.800	PBR	1.4m Buoy	1.4m bouée	N1721/12	Off Position / Hors Position	13/09/2012	2
A-65	51.650	PS2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1923/12	Off Position / Hors Position	27/10/2012	2
A-65	53.300	PE	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1935/12	Partially Submerged / Partiellement Submergée	31/10/2012	2
A-65	74.610	PC4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1949/12	Off Position / Hors Position	05/11/2012	3
A-65	56.000	PFD	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N0339/13	Extinguished / Éteinte	20/02/2013	3
A-65	72.800	PBR	1.4m Buoy	1.4m bouée	N0366/13	Off Position / Hors Position	01/03/2013	2
A-65	73.810	PK3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N0371/13	Extinguished / Éteinte	01/03/2013	3
A-65	53.300	PE	0.6m Spar Can (Long)	0.6m espar plate (Long)	N833/13	Extinguished / Éteinte	21/05/2013	2
A-65	53.300	PE	0.6m Spar Can (Long)	0.6m espar plate (Long)	N833/13	Partially Submerged / Partiellement Submergée	21/05/2013	2
A-65	55.300	PJ5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N544/13	Extinguished / Éteinte	11/04/2013	3
A-65	53.300	PE	0.6m Spar Can (Long)	0.6m espar plate (Long)	N543/13	Partially Submerged / Partiellement Submergée	11/04/2013	2
A-65	55.400	PJ4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1513/13	Extinguished / Éteinte	15/08/2013	3
A-65	55.110	PJL1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1292/13	Extinguished / Éteinte	02/07/2013	3

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A65-D	PBR	72.8	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134		41	Sealite Trident-1400	Cast-Iron/fonte	907	26	36.6
A65-D	PC2	74.6	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1818	26	27	Sealite Trident-1400	Cast-Iron/fonte	1000	28	27.4
A65-D	PY	63.7	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	28	GDI 1.5m Skirt	Cast-Iron/fonte	680	20	22.9
A65-D	PR3	66.5	1.4m Buoy	Cast-Iron/fonte	1136	20	55	Sealite Trident-1400	Cast-Iron/fonte	907	20	45.7

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-65	67.50	PB10	Jersey Island Light Buoy PB10	2015
A-65	67.60	PB12	Little Burin Harbour Light Buoy PB12	2015
A-65	67.40	PB8	Little Burin Harbour Entrance Light Buoy PB8	2016
A-65	72.80	PBR	Brandies Light Buoy PBR	2016
A-65	74.60	PC2	Lord's Cove Light Buoy PC2	2017
A-65	53.30	PE	Petit Forte Outer Light Buoy PE	2017
A-65	53.29	PE5	Petite Forte Outer Light Buoy PE5	2017
A-65	53.40	PE7	Petit Forte Light Buoy PE7	2017
A-65	60.20	PF2	Duck Rock Light Buoy PF2	2017
A-65	56.00	PFD	Davis Island East Cardinal Light Buoy PFD	2016
A-65	56.21	PFD3	Davis Island Light Buoy PFD3	2017
A-65	55.20	PJ2	Baine Harbour Light Buoy PJ2	2016
A-65	55.30	PJ5	Baine Harbour Light Buoy PJ5	2017
A-65	55.19	PJP2	Parker's Cove Light Buoy PJP2	2017
A-65	73.81	PK3	2 Fathom Shoal Light Buoy PK3	2015
A-65	73.82	PK6	Murphy's Rock Light Buoy PK6	2017
A-65	63.53	PM5	Seal Rock Light Buoy PM5	2017
A-65	63.52	PM6	Jones Rock Light Buoy PM6	2017
A-65	63.54	PM7	Noeling Cove Light Buoy PM7	2015
A-65	63.51	PM9	Rolf Rock Light Buoy PM9	2017
A-65	63.54	PML1	Little Bay Inner Light Buoy PML1	2015
A-65	51.66	PQ3	Monkstown Light Buoy PQ3	2015
A-65	66.50	PR3	Gregory Rock Light Buoy PR3	2015
A-65	55.77	PR5	RUSHOON #1 Light Buoy PR5	2016
A-65	51.65	PS2	Wharf Rock Light Buoy PS2	2017
A-65	74.40	PSW2	Southwest Rocks Light Buoy PSW2	2015
A-65	69.10	PU1	Great Burin Harbour Outer Light Buoy PU1	2017
A-65	69.20	PU2	Great Burin Harbour Outer Light Buoy PU2	2017
A-65	69.30	PU3	Great Burin Harbour Inner Light Buoy PU3	2017
A-65	69.40	PU4	Great Burin Harbour Inner Light Buoy PU4	2017

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-65	73.20	PW2	Harbour Rock Light Buoy PW2	2017
A-65	63.70	PY	Cow Head Light Buoy PY	2017

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-65A	53.900	PD2	Chimmleys Light Buoy PD2	NL	4615	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.30	47° 17' 36"	54° 49' 30.2"	136	kg	Serrated	7.3	16	Rope	3
A-65A	53.910	PD4	Oderin Harbour Middle Light Buoy PD4	NL	4615	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.20	47° 17' 37.5"	54° 48' 55.9"	136	kg	Serrated	8.2	16	Rope	3
A-65A	53.920	PD6	Oderin Harbour Inner Light Buoy PD6	NL	4615	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	47° 17' 37.5"	54° 48' 26.52"	136	kg	Serrated	9.3	16	Rope	3
A-65A	53.930	PD8	Washball Rock Light Buoy PD8	NL	4615	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	12.80	47° 18' 41.8"	54° 47' 45.5"	136	kg	Serrated	14.8	16	Rope	3
A-65A	55.110	PJL1	Lance Cove Outer Light Buoy PJL1	NL	4615	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.40	47° 17' 59.28"	54° 48' 1.5"	272	kg	Serrated	7.5	16	Rope	3
A-65A	55.120	PJL2	Lance Cove Inner Light Buoy PJL2	NL	4615	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	12.00	47° 18' 3.66"	54° 48' 2.58"	136	kg	Serrated	15	16	Rope	3
A-65A	55.160	PJF2	Fish Rock Light Buoy PJF2	NL	4624	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	11.20	47° 15' 54"	54° 50' 46.2"	272	kg	Serrated	19	16	Rope	3
A-65A	55.400	PJ4	Baine Harbour Light Buoy PJ4	NL	4615	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	47° 21' 38.4"	54° 53' 26"	136	kg	Serrated	6.4	16	Rope	3
A-65A	55.500	PJ6	Steering Rock Light Buoy PJ6	NL	4615	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.30	47° 21' 46.44"	54° 53' 44.76"	136	kg	Serrated	5.3	16	Rope	3
A-65B	74.610	PC4	Lord's Cove Inner Light Buoy PC4	NL	4625	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.80	46° 52' 35"	55° 40' 5.5"	136	kg	Serrated	7.8	16	Rope	3
A-65C	75.530	PAG3	Sally Rock Light Buoy PAG3	NL	4642	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.50	46° 50' 56.8"	55° 44' 23.23"	272	kg	Serrated	14.5	16	Rope	3
A-65C	75.540	PAG1	East Sunker Light Buoy PAG1	NL	4642	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	14.50	46° 50' 28.44"	55° 44' 35.1"	272	kg	Serrated	24.5	16	Rope	3
A-65C	76.100	PL7	Allan Rock Light Buoy PL7	NL	4642	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	46° 51' 35.1"	55° 48' 13.32"	136	kg	Serrated	7	16	Rope	3
A-65C	78.100	PL2	East Mark Rock Light Buoy PL2	NL	4642	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	46° 51' 7.8"	55° 47' 25.23"	136	kg	Serrated	9	16	Rope	3
A-65C	78.120	PL1	West Mark Rock Light Buoy PL1	NL	4642	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.00	46° 51' 7.9"	55° 47' 31.8"	136	kg	Serrated	14	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-65C	78.130	PL5	Lamaline Inner Light Buoy PL5	NL	4642	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	46° 51' 42.48"	55° 47' 53.1"	136	kg	Serrated	9.3	16	Rope	3
A-65C	78.180	PL4	Black Rock Light Buoy PL4	NL	4642	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.10	46° 51' 32.3"	55° 47' 39.9"	136	kg	Serrated	7.6	16	Rope	3
A-65C	78.190	PL3	Pigeon Island Light Buoy PL3	NL	4642	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.20	46° 51' 27.8"	55° 47' 41.1"	176	kg	Serrated	7.6	20	Rope	3
A-65C	78.200	PN1	Lamaline Road Light Buoy PN1	NL	4642	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	13.00	46° 50' 37.4"	55° 48' 45.7"	136	kg	Serrated	15	16	Rope	3
A-65C	78.300	PG4	Lamaline Light Buoy PG4	NL	4642	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.00	46° 51' 21.2"	55° 49' 55"	136	kg	Serrated	10	16	Rope	3
A-65C	78.350	PG3	Little Green Island Light Buoy PG3	NL	4642	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	46° 51' 24.3"	55° 50' .3"	136	kg	Serrated	10	16	Rope	3
A-65C	78.500	PG2	Little Green Island Light Buoy PG2	NL	4642	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	16.60	46° 51' 3.738"	55° 50' 13.92"	272	kg	Serrated	22	16	Rope	3
A-65D	51.650	PS2	Wharf Rock Light Buoy PS2	NL	4619	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	6.00	47° 23' 43.32"	54° 34' 40.14"	1500	lb	Serrated	12	32	Rope	2
A-65D	51.660	PQ3	Monkstown Light Buoy PQ3	NL	4619	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	8.50	47° 34' 52"	54° 25' 56"	136	kg	Serrated	10	16	Rope	3
A-65D	53.290	PE5	Petite Forte Outer Light Buoy PE5	NL	4615	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	15.00	47° 22' 57.5"	54° 38' 58.3"	272	kg	Serrated	17	16	Rope	3
A-65D	53.300	PE	Petit Forte Outer Light Buoy PE	NL	4615	Night	0.6m Spar Can (Long)	510	Steel	Green-red-green	Year Round	18.00	47° 23' 24.78"	54° 39' 39"	1134	kg	Serrated	27.5	20	Chain	2
A-65D	53.400	PE7	Petit Forte Light Buoy PE7	NL	4615	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	13.00	47° 23' 46.14"	54° 39' 51.72"	136	kg	Serrated	15	16	Rope	3
A-65D	55.190	PJP2	Parker's Cove Light Buoy PJP2	NL	4615	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.30	47° 23' 33.48"	54° 51' 7.2"	136	kg	Serrated	9.3	16	Rope	3
A-65D	55.200	PJ2	Baine Harbour Light Buoy PJ2	NL	4615	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	9.50	47° 21' 30.6"	54° 53' 18"	680	kg	Serrated	11	32	Rope	2
A-65D	55.300	PJ5	Baine Harbour Light Buoy PJ5	NL	4615	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.50	47° 21' 38.82"	54° 53' 27.48"	272	kg	Serrated	11	16	Rope	3
A-65D	55.770	PR5	RUSHOON #1 Light Buoy PR5	NL	4615	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.50	47° 20' 36"	54° 54' 49.6"	136	kg	Serrated	7.5	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-65D	56.000	PFD	Davis Island East Cardinal Light Buoy PFD	NL	4624	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow-black	Year Round	14.50	47° 15' 50.46"	54° 55' 26.88"	136	kg	Serrated	16	16	Rope	3
A-65D	56.210	PFD3	Davis Island Light Buoy PFD3	NL	4624	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	13.00	47° 15' 11.3"	54° 55' 13"	272	kg	Serrated	14.8	16	Rope	3
A-65D	60.200	PF2	Duck Rock Light Buoy PF2	NL	4624	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	19.20	47° 16' 13"	54° 57' 23"	136	kg	Serrated	22	16	Rope	3
A-65D	63.510	PM9	Rolf Rock Light Buoy PM9	NL	4587	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	11.40	47° 9' 58.86"	55° 8' 29.98"	136	kg	Serrated	15	16	Rope	3
A-65D	63.520	PM6	Jones Rock Light Buoy PM6	NL	4587	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	11.00	47° 10' 27.96"	55° 8' 2.94"	136	kg	Serrated	14.5	16	Rope	3
A-65D	63.530	PM5	Seal Rock Light Buoy PM5	NL	4587	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	9.80	47° 10' 21.78"	55° 6' 50.46"	600	lb	Serrated	11	16	Rope	3
A-65D	63.539	PML1	Little Bay Inner Light Buoy PML1	NL	4624	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	2.40	47° 9' 40.2"	55° 6' 37.98"	136	kg	Serrated	4	16	Rope	3
A-65D	63.540	PM7	Noeling Cove Light Buoy PM7	NL	4587	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	12.40	47° 10' 5.58"	55° 7' 59.46"	136	kg	Serrated	14	16	Rope	3
A-65D	63.700	PY	Cow Head Light Buoy PY	NL	4587	Night	1.4m Buoy	1811	Steel	Red-green-red	Year Round	12.00	47° 11' 33.24"	55° 6' 13.2"	1134	kg	Serrated	28	20	Chain	3
A-65D	66.500	PR3	Gregory Rock Light Buoy PR3	NL	4616	Night	1.4m Buoy	1811	Steel	Green	Year Round	35.00	47° 2' .36"	55° 7' 16.8"	1136	kg	Serrated	55	20	Chain	2
A-65D	67.400	PB8	Little Burin Harbour Entrance Light Buoy PB8	NL	4616	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	18.00	47° 2' 28.8"	55° 9' 21.5"	1134	kg	Serrated	24	20	Chain	2
A-65D	67.500	PB10	Jersey Island Light Buoy PB10	NL	4616	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	17.20	47° 2' 32.7"	55° 9' 30.7"	1134	kg	Serrated	18	20	Chain	2
A-65D	67.600	PB12	Little Burin Harbour Light Buoy PB12	NL	4616	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	13.00	47° 2' 29.8"	55° 9' 43.9"	1134	kg	Serrated	15	20	Chain	2
A-65D	69.100	PU1	Great Burin Harbour Outer Light Buoy PU1	NL	4616	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.80	47° 0' 11.4"	55° 9' 59.4"	136	kg	Serrated	8	16	Rope	
A-65D	69.200	PU2	Great Burin Harbour Outer Light Buoy PU2	NL	4616	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	10.80	47° 0' 9.72"	55° 9' 56.4"	136	kg	Serrated	13	16	Rope	3
A-65D	69.300	PU3	Great Burin Harbour Inner Light Buoy PU3	NL	4616	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	8.10	47° 0' 10.14"	55° 9' 52.32"	136	kg	Serrated	10	16	Rope	

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-65D	69.400	PU4	Great Burin Harbour Inner Light Buoy PU4	NL	N/A	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.40	47° 0' 9.72"	55° 9' 52.5"	136	kg	Serrated	9.4	16	Rope	3
A-65D	72.800	PBR	Brandies Light Buoy PBR	NL	4616	Night	1.4m Buoy	1811	Steel	Yellow-black	Year Round	30.00	47° 2' 51.8"	55° 6' 50.7"	1134	kg	Serrated	41	16	Chain	2
A-65D	73.200	PW2	Harbour Rock Light Buoy PW2	NL	4642	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	13.00	46° 55' 6.69"	55° 21' 35.04"	136	kg	Serrated	15	16	Rope	3
A-65D	73.810	PK3	2 Fathom Shoal Light Buoy PK3	NL	4625	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.40	46° 56' 12.5"	55° 32' 35.2"	136	kg	Serrated	7.3	16	Rope	3
A-65D	73.820	PK6	Murphy's Rock Light Buoy PK6	NL	4625	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	46° 56' 12.4"	55° 32' 31.7"	136	kg	Serrated	7.3	16	Rope	3
A-65D	74.400	PSW2	Southwest Rocks Light Buoy PSW2	NL	4625	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Year Round	32.00	46° 50' 52.94"	55° 38' 15.22"	1172	kg	Serrated	54	20	Chain	2
A-65D	74.600	PC2	Lord's Cove Light Buoy PC2	NL	4625	Night	1.4m Buoy	1811	Steel	Red	Year Round	20.00	46° 52' 17.52"	55° 39' 51.96"	1818	kg	Serrated	27	26	Chain	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Fortune Bay		
Contract Area no.:	A-66		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	Includes the area from Point May to Pool's Cove.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG depot at end of operational season (shipping paid by CCG).</i>		
Coast Guard Depot:	St. John's		
Commissioning date:	April 15th		
Decommissioning date:	N/A		
Total no. of buoys:	20		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	47		
Operational Season:	Year round		
Overview of work activities:	All buoys are 'year round' and are equipped with lanterns. At Commissioning, work includes position verification of buoys and, as required, tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-66	105.100	VF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N62/09	Showing Improper Character / Caractéristiques Inexactes	06/01/2009	3
A-66	128.700	V26	1.4m Buoy	1.4m bouée	N138/09	Off Position / Hors Position	17/01/2009	2
A-66	111.090	VG1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N298/09	Off Position / Hors Position	10/03/2009	2
A-66	126.000	VB3	1.4m Buoy	1.4m bouée	N470/09	Extinguished / Éteinte	10/04/2009	2
A-66	125.000	VB1	1.4m Buoy	1.4m bouée	N469/09	Extinguished / Éteinte	10/04/2009	2
A-66	113.600	VJF1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1758/09	Extinguished / Éteinte	20/10/2009	2
A-66	122.500	VW3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1584/09	Off Position / Hors Position	08/09/2009	3
A-66	125.000	VB1	1.4m Buoy	1.4m bouée	N50/10	Extinguished / Éteinte	07/01/2010	2
A-66	113.400	VS1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N2119/09	Extinguished / Éteinte	30/11/2009	3
A-66	105.100	VF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N2345/09	Extinguished / Éteinte	29/12/2009	3
A-66	130.320	V30	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N82/10	Off Position / Hors Position	12/01/2010	2
A-66	105.200	VF4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N216/10	Off Position / Hors Position	01/02/2010	3
A-66	113.600	VJF1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1555/10	Off Position / Hors Position	07/09/2010	2
A-66	111.090	VG1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N1659/10	Off Position / Hors Position	12/09/2010	2
A-66	130.820	VU4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N2243/10	Showing Improper Character / Caractéristiques Inexactes	14/12/2010	3
A-66	130.820	VU4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N227/11	Off Position / Hors Position	28/02/2011	3
A-66	111.090	VG1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N402/11	Extinguished / Éteinte	15/04/2011	2
A-66	114.900	VL	1.4m Buoy	1.4m bouée	N192/11	Off Position / Hors Position	14/02/2011	2
A-66	103.000	VF1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N956/11	Extinguished / Éteinte	15/06/2011	2
A-66	105.200	VF4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N193/12	Extinguished / Éteinte	24/02/2012	3
A-66	105.100	VF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N192/12	Extinguished / Éteinte	24/02/2012	3
A-66	114.900	VL	1.4m Buoy	1.4m bouée	N1530/11	Off Position / Hors Position	12/10/2011	2
A-66	111.090	VG1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N1498/11	Off Position / Hors Position	16/10/2011	2
A-66	113.400	VS1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1356/11	Extinguished / Éteinte	08/09/2011	3
A-66	113.080	VM2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1901/12	Off Position / Hors Position	23/10/2012	2

Historique des pannesOutage HistoryJanvier 2009- décembre 2013January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-66	105.100	VF2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N0278/13	Extinguished / Éteinte	07/02/2013	3
A-66	111.090	VG1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N607/13	Off Position / Hors Position	26/04/2013	2
A-66	130.820	VU4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1488/13	Extinguished / Éteinte	05/08/2013	3
A-66	128.600	V28	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1577/13	Out of Order / hors service	28/08/2013	3
A-66	128.700	V26	1.4m Buoy	1.4m bouée	N1576/13	Out of Order / hors service	28/08/2013	2
A-66	115.200	VV2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1590/13	Out of Order / hors service	31/08/2013	3

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-66	VB1	125	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	18.3	GDI 1.5m Skirt	Cast-Iron/fonte	800	20	18.3
A-66	VB3	126	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	18.3	GDI 1.5m Skirt	Cast-Iron/fonte	680	20	18.3
A-66	VB	116.6	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	27	Sealite Trident-1400	Cast-Iron/fonte	800	26	27.4
A-66	VL	114.9	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134		28	Sealite Trident-1400	Cast-Iron/fonte	800	26	36.6

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-66	128.700000	V26	Tom Cod Rock Light Buoy V26	2011
A-66	128.60	V28	Fish Rock Light Buoy V28	2016
A-66	130.32	V30	Sunker Rock Light Buoy V30	2016
A-66	125.00	VB1	Harbour Rock Light Buoy VB1	2015
A-66	126.00	VB3	Southwest Arm Light Buoy VB3	2015
A-66	111.090000	VG1	Grand Bank Light Buoy VG1	2011
A-66	127.35	VH1	Virgin Rock Light Buoy VH1	2016
A-66	127.50	VH3	Hermitage Light Buoy VH3	2016
A-66	113.60	VJF1	Jacques Fontaine Rock Light Buoy VJF1	2016
A-66	113.08	VM2	Harbour Mille entrance Light Buoy VM2	2015
A-66	113.40	VS1	St. Bernards Light Buoy VS1	2016
A-66	128.700	V26	Tom Cod Rock Light Buoy V26	2017
A-66	116.600	VB	Belle Bay Shoal Light Buoy VB	2017
A-66	116.400	VD5	Hare Rock Light Buoy VD5	2017
A-66	103.000	VF1	Fortune Harbour Light Buoy VF1	2017
A-66	105.100	VF2	Fortune Harbour Inner Light Buoy VF2	2017
A-66	105.200	VF4	Fortune Harbour Inner Light Buoy VF4	2017
A-66	111.090	VG1	Grand Bank Light Buoy VG1	2017
A-66	114.900	VL	Long Point Rock Light Buoy VL	2015
A-66	130.820	VU4	Gaultois Light Buoy VU4	2015
A-66	115.200	VV2	Anderson Cove Light Buoy VV2	2017
A-66	122.50	VW3	Inner Shoal Light Buoy VW3	2015

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-66	103.000	VF1	Fortune Harbour Light Buoy VF1	NL	4832	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	9.60	47° 4' 39.9"	55° 49' 31"	680	kg	Serrated	18	20	Chain	2
A-66	105.100	VF2	Fortune Harbour Inner Light Buoy VF2	NL	4832	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	3.60	47° 4' 22"	55° 49' 52"	272	kg	Serrated	5.6	16	Rope	3
A-66	105.200	VF4	Fortune Harbour Inner Light Buoy VF4	NL	4832	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.50	47° 4' 25"	55° 49' 52"	272	kg	Serrated	7.5	16	Rope	3
A-66	111.090	VG1	Grand Bank Light Buoy VG1	NL	4832	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	12.30	47° 6' 11.88"	55° 44' 13.38"	1136	kg	Serrated	20	20	Chain	2
A-66	113.080	VM2	Harbour Mille entrance Light Buoy VM2	NL	4831	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	11.70	47° 35' 6.4998"	54° 53' 5.1"	680	kg	Serrated	12.8	32	Rope	2
A-66	113.400	VS1	St. Bernards Light Buoy VS1	NL	4831	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	8.00	47° 31' 47.76"	54° 57' 9.18"	272	kg	Serrated	11	16	Rope	3
A-66	113.600	VJF1	Jacques Fontaine Rock Light Buoy VJF1	NL	4831	Night	0.6m Spar Can (Long)	510	Plastic	Green	Year Round	47.00	47° 31' 48"	54° 55' 30"	1134	kg	Serrated	20	32	Rope	2
A-66	114.900	VL	Long Point Rock Light Buoy VL	NL	4831	Night	1.4m Buoy	1811	Steel	Yellow-black	Year Round	17.00	47° 34' 37"	55° 9' 29"	1134	kg	Serrated	28		Chain	2
A-66	115.200	VV2	Anderson Cove Light Buoy VV2	NL	4831	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	8.40	47° 36' 18"	55° 6' 35.4"	272	kg	Serrated	9	16	Rope	3
A-66	116.400	VD5	Hare Rock Light Buoy VD5	NL	4831	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	25.00	47° 35' 47.82"	55° 25' 0"	272	kg	Serrated	28	16	Rope	3
A-66	116.600	VB	Belle Bay Shoal Light Buoy VB	NL	4831	Night	1.4m Buoy	1811	Steel	Black-yellow	Year Round	16.00	47° 35' 52.68"	55° 19' 41.88"	1134	kg	Serrated	27	20	Chain	2
A-66	122.500	VW3	Inner Shoal Light Buoy VW3	NL	4830	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	7.30	47° 29' 59.94"	55° 36' 43.14"	272	kg	Serrated	10.3	16	Rope	3
A-66	125.000	VB1	Harbour Rock Light Buoy VB1	NL	4830	Night	1.4m Buoy	1811	Steel	Green	Year Round	14.00	47° 29' 2.9"	55° 47' 55.98"	1134	kg	Serrated	18	20	Chain	2
A-66	126.000	VB3	Southwest Arm Light Buoy VB3	NL	4830	Night	1.4m Buoy	1811	Steel	Green	Year Round	11.00	47° 28' 53.4"	55° 48' 17.98"	1134	kg	Serrated	18	20	Chain	2
A-66	127.350	VH1	Virgin Rock Light Buoy VH1	NL	4644	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	13.00	47° 34' 5.91"	55° 57' 10.05"	272	kg	Serrated	18	16	Rope	3
A-66	127.500	VH3	Hermitage Light Buoy VH3	NL	4644	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.50	47° 33' 27.91"	55° 55' 27.05"	272	kg	Serrated	8	16	Rope	3
A-66	128.600	V28	Fish Rock Light Buoy V28	NL	4644	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	19.20	47° 31' 29.28"	56° 8' 11.34"	272	kg	Serrated	22	16	Rope	3
A-66	128.700	V26	Tom Cod Rock Light Buoy V26	NL	4644	Night	1.4m Buoy	1811	Steel	Red	Year Round	15.80	47° 30' 3.48"	56° 12' 11.4"	1134	kg	Serrated	36.6	20	Chain	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-66	130.320	V30	Sunker Rock Light Buoy V30	NL	4827	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	10.00	47° 28' 56.9"	56° 2' 29.4"	680	kg	Serrated	22	32	Rope	2
A-66	130.820	VU4	Gaultois Light Buoy VU4	NL	4644	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	22.00	47° 36' 26.7"	55° 54' 3.42"	272	kg	Serrated	28	16	Rope	3

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	South Coast
Contract Area no.:	A-67, A-D
Province(s):	Newfoundland and Labrador
Contract Area Description:	The Contract Area includes the area from Pool's Cove to La Poile and consists of 4 sub-contract areas, see table, page 2.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>
Coast Guard Depot:	St. John's
Commissioning date:	April 15th
Decommissioning date:	November 30th
Total no. of buoys:	62
Max. buoy size(m) diameter :	1.4
Maximum anchor size (weight (kg)):	1134
Maximum buoy weight (kg) :	1811
Maximum water depth (m) :	61
Operational Season:	April 15th to November 30th
Overview of work activities:	42 buoys are 'year round', 20 are 'seasonal'. All buoys are lit. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comment:	The sub areas will be tendered as separate contracts.

Contract Area name:	South Coast
Contract Area no.:	A-67, A-D

Contract Area name:	South Coast
Contract Area no.:	A-67, A-D
Sub-contract areas	
A-67A: Port Au Basques	6 buoys
A-67B: Margaree/Foxroost	10 buoys
A-67C: Rose Blanche	4 buoys
A-67D: from Pool's Cove to La Poile excluding harbour areas	42 buoys

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N70/09	Off Position / Hors Position	08/01/2009	2
A-67	171.000	QP7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N241/09	Partially Submerged / Partiellement Submergée	14/02/2009	3
A-67	145.840	QE5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N228/09	Off Position / Hors Position	12/02/2009	3
A-67	171.000	QP7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N311/09	Partially Submerged / Partiellement Submergée	14/03/2009	3
A-67	165.000	QP12	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N361/09	Extinguished / Éteinte	23/03/2009	3
A-67	172.000	QP9	0.6m SB 60 Spar Can Pl	0.6m SB 60 espar plate Pl	N364/09	Extinguished / Éteinte	23/03/2009	2
A-67	158.760	QX1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N320/09	Off Position / Hors Position	15/03/2009	3
A-67	137.230	QLC	1.4m Buoy	1.4m bouée	N503/09	Off Position / Hors Position	18/04/2009	2
A-67	170.500	QP6	1.4m Buoy	1.4m bouée	N565/09	Partially Submerged / Partiellement Submergée	04/05/2009	2
A-67	158.770	QX3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N519/09	Partially Submerged / Partiellement Submergée	22/04/2009	3
A-67	151.500	QH1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N824/09	Off Position / Hors Position	03/06/2009	3
A-67	172.000	QP9	0.6m SB 60 Spar Can Pl	0.6m SB 60 espar plate Pl	N1207/09	Off Position / Hors Position	06/07/2009	2
A-67	144.300	QV	1.4m Buoy	1.4m bouée	N1466/09	Extinguished / Éteinte	15/08/2009	2
A-67	140.510	QR2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1131/09	Off Position / Hors Position	24/06/2009	3
A-67	160.100	QK2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1519/09	Off Position / Hors Position	25/08/2009	3
A-67	157.500	QX2	1.4m Buoy	1.4m bouée	N1677/09	Extinguished / Éteinte	02/10/2009	2
A-67	165.000	QP12	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1717/09	Operating Intermittently /fonctionnant par intermittence	12/10/2009	3
A-67	151.200	QR6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1795/09	Extinguished / Éteinte	27/10/2009	3
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N2181/09	Off Position / Hors Position	10/12/2009	2
A-67	145.830	QE4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N2141/09	Showing Improper Character / Caractéristiques Inexactes	03/12/2009	3
A-67	145.840	QE5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N2169/09	Showing Improper Character / Caractéristiques Inexactes	07/12/2009	3
A-67	144.520	QV2.4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N2279/09	Off Position / Hors Position	18/12/2009	3
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N448/10	Off Position / Hors Position	25/03/2010	2
A-67	172.000	QP9	0.6m SB 60 Spar Can Pl	0.6m SB 60 espar plate Pl	N471/10	Off Position / Hors Position	01/04/2010	2
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N545/10	Off Position / Hors Position	16/04/2010	2

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-67	170.500	QP6	1.4m Buoy	1.4m bouée	N965/10	Partially Submerged / Partiellement Submergée	30/05/2010	2
A-67	158.720	QW2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1234/10	Extinguished / Éteinte	29/06/2010	3
A-67	144.550	QV2.8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1312/10	Extinguished / Éteinte	18/07/2010	3
A-67	159.200	QM2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1289/10	Off Position / Hors Position	14/07/2010	3
A-67	151.500	QH1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1537/10	Off Position / Hors Position	02/09/2010	3
A-67	158.410	QX6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1477/10	Off Position / Hors Position	23/08/2010	3
A-67	170.500	QP6	1.4m Buoy	1.4m bouée	N1390/10	Partially Submerged / Partiellement Submergée	04/08/2010	2
A-67	137.230	QLC	1.4m Buoy	1.4m bouée	N1548/10	Off Position / Hors Position	07/09/2010	2
A-67	159.100	QM2.2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1549/10	Extinguished / Éteinte	07/09/2010	3
A-67	159.120	QM2.4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1550/10	Off Position / Hors Position	07/09/2010	3
A-67	160.500	QK6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1580/10	Off Position / Hors Position	14/09/2010	3
A-67	159.120	QM2.4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1766/10	Extinguished / Éteinte	13/10/2010	3
A-67	170.500	QP6	1.4m Buoy	1.4m bouée	N1748/10	Partially Submerged / Partiellement Submergée	08/10/2010	2
A-67	139.820	QA2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N2028/10	Showing Improper Character / Caractéristiques Inexactes	20/11/2010	3
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N129/11	Off Position / Hors Position	21/01/2011	2
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N165/11	Off Position / Hors Position	05/02/2011	2
A-67	165.000	QP12	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N188/11	Partially Submerged / Partiellement Submergée	14/02/2011	3
A-67	165.000	QP12	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N258/11	Off Position / Hors Position	16/03/2011	3
A-67	144.570	QV5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N267/11	Extinguished / Éteinte	17/03/2011	3
A-67	172.000	QP9	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N260/11	Off Position / Hors Position	16/03/2011	2
A-67	171.000	QP7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N259/11	Off Position / Hors Position	16/03/2011	3
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N229/11	Off Position / Hors Position	01/03/2011	2
A-67	137.230	QLC	1.4m Buoy	1.4m bouée	N453/11	Off Position / Hors Position	23/04/2011	2
A-67	159.420	QM6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N544/11	Extinguished / Éteinte	03/05/2011	3

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-67	159.300	QM3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1190/11	Off Position / Hors Position	02/08/2011	3
A-67	144.530	QV2.6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1161/11	Off Position / Hors Position	23/07/2011	3
A-67	137.230	QLC	1.4m Buoy	1.4m bouée	N1212/11	Off Position / Hors Position	08/08/2011	2
A-67	151.500	QH1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1116/12	Off Position / Hors Position	06/06/2012	3
A-67	151.400	QH2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1117/12	Off Position / Hors Position	06/06/2012	3
A-67	151.300	QR1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N59/12	Off Position / Hors Position	17/01/2012	2
A-67	145.840	QE5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N146/12	Extinguished / Éteinte	14/02/2012	3
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N139/12	Off Position / Hors Position	12/02/2012	2
A-67	140.600	QQ4	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N143/12	Off Position / Hors Position	12/02/2012	2
A-67	158.720	QW2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N197/12	Off Position / Hors Position	24/02/2012	3
A-67	151.400	QH2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1600/11	Extinguished / Éteinte	17/10/2011	3
A-67	171.000	QP7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1744/11	Reduced Intensity / Intensité réduite	10/11/2011	3
A-67	151.300	QR1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N1694/11	Off Position / Hors Position	01/11/2011	2
A-67	158.720	QW2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1639/11	Off Position / Hors Position	23/10/2011	3
A-67	139.820	QA2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N2266/11	Partially Submerged / Partiellement Submergée	24/12/2011	3
A-67	139.820	QA2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N94/12	Extinguished / Éteinte	27/01/2012	3
A-67	143.720	QG6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1289/12	Submerged / Submergée	25/06/2012	3
A-67	144.550	QV2.8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1288/12	Submerged / Submergée	25/06/2012	3
A-67	151.300	QR1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N1469/12	Off Position / Hors Position	26/07/2012	2
A-67	160.200	QG1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1614/12	Off Position / Hors Position	20/08/2012	3
A-67	159.300	QM3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1436/12	Off Position / Hors Position	19/07/2012	3
A-67	160.200	QG1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1614/12	Off Position / Hors Position	20/08/2012	3
A-67	160.500	QK6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1884/12	Off Position / Hors Position	19/10/2012	3
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N1965/12	Off Position / Hors Position	09/11/2012	2

Historique des pannesOutage History

Janvier 2009- décembre 2013

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-67	165.000	QP12	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N0199/13	Extinguished / Éteinte	29/01/2013	3
A-67	140.500	QQ2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N0257/13	Off Position / Hors Position	04/02/2013	2
A-67	171.000	QP7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N0296/13	Showing Improper Character / Caractéristiques Inexactes	10/02/2013	3
A-67	145.830	QE4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N2274/12	Extinguished / Éteinte	27/12/2012	3
A-67	170.500	QP6	1.4m Buoy	1.4m bouée	N0352/13	Partially Submerged / Partiellement Submergée	26/02/2013	2
A-67	171.000	QP7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N0406/13	Extinguished / Éteinte	08/03/2013	3
A-67	162.500	QP3	1.4m Buoy	1.4m bouée	N0445/13	Off Position / Hors Position	23/03/2013	2
A-67	159.300	QM3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N0469/13	Extinguished / Éteinte	26/03/2013	3
A-67	159.130	QM4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N0888/13	Off Position / Hors Position	30/05/2013	3
A-67	159.130	QM4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N943/13	Off Position / Hors Position	04/06/2013	3
A-67	170.500	QP6	1.4m Buoy	1.4m bouée	N844/13	Off Position / Hors Position	22/05/2013	2
A-67	140.600	QQ4	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N541/13	Off Position / Hors Position	10/04/2013	2
A-67	170.500	QP6	1.4m Buoy	1.4m bouée	N1213/13	Off Position / Hors Position	14/06/2013	2
A-67	157.500	QX2	1.4m Buoy	1.4m bouée	N747/13	Off Position / Hors Position	11/05/2013	2
A-67	159.100	QM2.2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N942/13	Off Position / Hors Position	03/06/2013	3
A-67	159.130	QM4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N943/13	Off Position / Hors Position	04/06/2013	3
A-67	149.300	QT8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1214/13	Off Position / Hors Position	14/06/2013	3
A-67	158.721	QW3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1259/13	Extinguished / Éteinte	26/06/2013	3
A-67	159.300	QM3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1260/13	Extinguished / Éteinte	26/06/2013	3

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-67D	QG5	143.7	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	36.6	Sealite Trident-1400	Cast-Iron/fonte	1000	26	36.6
A-67D	QLC	137.23	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1136	20	36.6	Sealite Trident-1400	Cast-Iron/fonte	1000	28	27.4
A-67D	QP10	164	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	18.3	GDI 1.5m Skirt	Cast-Iron/fonte	800	20	15.2
A-67D	QP3	162.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	2721	32	32	GDI 1.5m Skirt	Cast-Iron/fonte	1134	28	27.4
A-67D	QP6	170.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	27.4	GDI 1.5m Skirt	Cast-Iron/fonte	1000	26	27.4
A-67D	QV	144.3	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	41	Sealite Trident-1400	Cast-Iron/fonte	907	28	27.4
A-67D	QX2	157.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	55	Sealite Trident-1400	Cast-Iron/fonte	907	26	45.7
A-67D	QX5	158.4	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	32	27.4	Sealite Trident-1400	Cast-Iron/fonte	907	28	27.4

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-67	139.82	QA2	Art Coley's Rock Light Buoy QA2	2015
A-67	151.60	QD2	Diamond Cove (Rose Blanche) Light Buoy QD2	2016
A-67	152.00	QD3	Goose Island Light Buoy QD3	2016
A-67	153.00	QD5	Cuff Island Light Buoy QD5	2016
A-67	145.81	QE2.2	Offer Seal Island West Rock Light Buoy QE2.2	2015
A-67	145.83	QE4	Lapoile North Shore Light Buoy QE4	2016
A-67	145.85	QE4.2	Tooth Rock Light Buoy QE4.2	2015
A-67	145.84	QE5	Seal Rocks Light Buoy QE5	2015
A-67	143.70	QG5	Short Reach Light Buoy QG5	2015
A-67	143.71	QG5.1	Shoal Short Reach Light Buoy QG5.1	2016
A-67	143.72	QG6	Short Reach Light Buoy QG6	2015
A-67	137.230	QLC	Lower Rock Light Buoy QLC	2017
A-67	149.300	QT8	Calapose Rock Light Buoy QT8	2016
A-67	144.300	QV	The Douglas Light Buoy QV	2017
A-67	164.00	QP10	Vardys Island Light Buoy QP10	2015
A-67	165.00	QP12	Pikes Island West Light Buoy QP12	2015
A-67	162.50	QP3	Graveyard Point Breakwater Light Buoy QP3	2017
A-67	170.50	QP6	Pikes Island Breakwater Light Buoy QP6	2015
A-67	171.00	QP7	Point Pleasant Light Buoy QP7	2017
A-67	172.00	QP9	Pancake Rock Light Buoy QP9	2015
A-67	140.50	QQ2	Bad Rock Light Buoy QQ2	2017
A-67	140.60	QQ4	Bengy Light Buoy QQ4	2015
A-67	151.30	QR1	Duck Island Sunker Light Buoy QR1	2015
A-67	140.51	QR2	Turnip Island Rock Light Buoy QR2	2015
A-67	140.53	QR5	Shoal Northwest Light Buoy QR5	2017
A-67	140.54	QR5/1	Ramea Inner Light Buoy QR5/1	2016
A-67	151.20	QR6	Rose Blanche Light Buoy QR6	2016
A-67	140.70	QS2	Southwest Rock Light Buoy QS2	2016
A-67	144.30	QV	The Douglas Light Buoy QV	2017
A-67	144.51	QV2.2	Stern Rock Light Buoy QV2.2	2017

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-67	144.52	QV2.4	Marchand Rock Light Buoy QV2.4	2016
A-67	144.53	QV2.6	Sandbanks #1 Light Buoy QV2.6	2017
A-67	144.55	QV2.8	North Of Douglas Light Buoy QV2.8	2015
A-67	144.54	QV3.7	Sandbanks #2 Light Buoy QV3.7	2015
A-67	144.56	QV4	Indian Hole Tickle Light Buoy QV4	2015
A-67	144.57	QV5	Indain Hole Tickle Light Buoy QV5	2015
A-67	158.76	QX1	Big Sunkers Outer Light Buoy QX1	2015
A-67	157.50	QX2	Fish Point Light Buoy QX2	2016
A-67	158.77	QX3	Middle Sunker Light Buoy QX3	2016
A-67	158.40	QX5	White Sunkers Inner Light Buoy QX5	2016
A-67	158.41	QX6	Pittmans Inner Island Light Buoy QX6	2016
A-67	158.42	QX7	Isle Aux Morts Light Buoy QX7	2016
A-67	158.30	QX8	Harry's Rock Light Buoy QX8	2016

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-67A	160.100	QK2	Motherlake Bay West Light Light Buoy QK2	NL	4641	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	47° 33' 42.78"	59° 8' 37.2"	136	kg	Serrated	9.3	16	Rope	3
A-67A	160.200	QG1	Channel Gut Five Foot Rock Light Buoy QG1	NL	4641	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	47° 33' 51.8"	59° 8' 15"	272	kg	Serrated	7.5	16	Rope	3
A-67A	160.300	QK4	4 Foot Shoal Light Buoy QK4	NL	4641	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	47° 33' 49.95"	59° 8' 36.72"	136	kg	Serrated	9	16	Rope	3
A-67A	160.400	QK3	South Shoal, Pig Island Light Buoy QK3	NL	4641	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.20	47° 34' 1.4"	59° 8' 38.7"	136	kg	Serrated	8	16	Rope	3
A-67A	160.500	QK6	2 Foot Rock, Motherlake Bay Light Buoy QK6	NL	4641	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.10	47° 34' 6.34"	59° 8' 35.37"	136	kg	Serrated	8	16	Rope	3
A-67A	160.600	QK5	4 Foot Rock, Motherlake Bay Light Buoy QK5	NL	4641	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.10	47° 34' 10.2"	59° 8' 36"	136	kg	Serrated	8	16	Rope	3
A-67B	158.710	QW4	Two Foot Shoal Light Buoy QW4	NL	4640	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.90	47° 34' 37.02"	59° 0' 24.6"	272	kg	Serrated	13	16	Rope	3
A-67B	158.720	QW2	Five Foot Shoal Light Buoy QW2	NL	4640	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	27.00	47° 34' 3"	59° 1' 57"	272	kg	Serrated	33	16	Rope	3
A-67B	158.721	QW3	Dead Head Shoal Light Buoy QW3	NL	4640	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.90	47° 34' 32.64"	59° 0' 46.2"	272	kg	Serrated	13	16	Rope	3
A-67B	158.740	QW5	Little Grave Island Rock Light Buoy QW5	NL	4640	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.40	47° 34' 43.38"	59° 0' 12.9"	136	kg	Serrated	9.5	16	Rope	3
A-67B	159.100	QM2.2	Black Rock Shoal Light Buoy QM2.2	NL	4640	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	22.00	47° 33' 57"	59° 4' 2"	272	kg	Serrated	29	16	Rope	3
A-67B	159.120	QM2.4	Shag Rock Light Buoy QM2.4	NL	4640	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.80	47° 34' 13.8"	59° 3' 51.48"	272	kg	Serrated	9.2	16	Rope	3
A-67B	159.130	QM4	Margaree Harbour Light Buoy QM4	NL	4640	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	47° 34' 17.16"	59° 3' 49.26"	272	kg	Serrated	11	16	Rope	3
A-67B	159.200	QM2	Flat Islands Light Buoy QM2	NL	4640	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.90	47° 34' 7"	59° 4' .5"	272	kg	Serrated	17	16	Rope	3
A-67B	159.300	QM3	Western Island Light Buoy QM3	NL	4640	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.00	47° 34' 15"	59° 3' 50.1"	136	kg	Serrated	13	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-67B	159.420	QM6	Margaree Ruin Light Buoy QM6	NL	4640	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.60	47° 34' 23.58"	59° 3' 49.08"	272	kg	Serrated	5.5	16	Rope	3
A-67C	149.300	QT8	Calapose Rock Light Buoy QT8	NL	4639	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	27.50	47° 37' 24.48"	58° 40' 29.28"	272	kg	Serrated	32	16	Rope	3
A-67C	149.400	QT3	Bell Rock Shoal Light Buoy QT3	NL	4639	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	16.00	47° 36' 57.6"	58° 38' 54.96"	272	kg	Serrated	21	16	Rope	3
A-67C	151.400	QH2	North Shoal Shag Rock Light Buoy QH2	NL	4639	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	22.00	47° 35' 46.682"	58° 43' 57.059"	272	kg	Serrated	31.1	16	Rope	3
A-67C	151.500	QH1	Green Island Sunker Light Buoy QH1	NL	4823	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	31.00	47° 35' 27.66"	58° 44' 31.08"	272	kg	Serrated	38.5	16	Rope	3
A-67D	137.230	QLC	Lower Rock Light Buoy QLC	NL	4826	Night	1.4m Buoy	1811	Steel	Yellow-black	Year Round	19.50	47° 34' 50.4"	56° 38' 57.8"	1136	kg	Serrated	36.6	20	Chain	2
A-67D	139.820	QA2	Art Coley's Rock Light Buoy QA2	NL	4825	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.40	47° 31' 27.2"	57° 22' 43.2"	272	kg	Serrated	7	16	Rope	3
A-67D	140.500	QQ2	Bad Rock Light Buoy QQ2	NL	4825	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	61.00	47° 29' 55.74"	57° 21' 48.1"	680	kg	Serrated	82	32	Rope	2
A-67D	140.510	QR2	Turnip Island Rock Light Buoy QR2	NL	4825	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	7.30	47° 30' 46.21"	57° 22' 32.533"	136	kg	Serrated	9.1	16	Rope	3
A-67D	140.530	QR5	Shoal Northwest Light Buoy QR5	NL	4825	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	4.60	47° 31' 22.156"	57° 22' 38.902"	272	kg	Serrated	8.5	16	Rope	3
A-67D	140.540	QR5/1	Ramea Inner Light Buoy QR5/1	NL	4825	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	1.80	47° 31' 19.4"	57° 22' 50.6"	272	kg	Serrated	4	16	Rope	3
A-67D	140.600	QQ4	Bengy Light Buoy QQ4	NL	4825	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	55.00	47° 29' 6"	57° 26' 15"	680	kg	Serrated	27	32	Rope	2
A-67D	140.700	QS2	Southwest Rock Light Buoy QS2	NL	4825	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	38.00	47° 30' 16.8"	57° 25' 4.14"	680	kg	Serrated	45	20	Chain	2
A-67D	143.700	QG5	Short Reach Light Buoy QG5	NL	4825	Night	1.4m Buoy	1811	Steel	Green	Year Round	28.00	47° 37' 10.8"	57° 35' 29.94"	1134	kg	Serrated	37	20	Chain	2
A-67D	143.710	QG5.1	Shoal Short Reach Light Buoy QG5.1	NL	4825	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	3.00	47° 37' 1.08"	57° 36' 25.14"	272	kg	Serrated	3	16	Rope	3
A-67D	143.720	QG6	Short Reach Light Buoy QG6	NL	4825	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	18.30	47° 37' 9"	57° 35' 57"	136	kg	Serrated	24	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-67D	144.300	QV	The Douglas Light Buoy QV	NL	4825	Night	1.4m Buoy	1811	Steel	Black-yellow-black	Year Round	19.50	47° 35' 54.6"	57° 37' 39.9"	1134	kg	Serrated	41	20	Chain	2
A-67D	144.512	QV2.2	Stern Rock Light Buoy QV2.2	NL	4825	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	4.50	47° 35' 17.185"	57° 40' 17.312"	272	kg	Serrated	8.5	16	Rope	3
A-67D	144.520	QV2.4	Marchand Rock Light Buoy QV2.4	NL	4825	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	5.50	47° 35' 27.6"	57° 39' 33.84"	272	kg	Serrated	9.2	16	Rope	3
A-67D	144.530	QV2.6	Sandbanks #1 Light Buoy QV2.6	NL	4825	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.50	47° 35' 48"	57° 38' 58.2"	272	kg	Serrated	10	16	Rope	3
A-67D	144.540	QV3.7	Sandbanks #2 Light Buoy QV3.7	NL	4825	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.50	47° 35' 56"	57° 39' 0"	136	kg	Serrated	10	16	Rope	3
A-67D	144.550	QV2.8	North Of Douglas Light Buoy QV2.8	NL	4825	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	22.00	47° 36' 3"	57° 37' 42.1"	136	kg	Serrated	24	16	Rope	3
A-67D	144.560	QV4	Indian Hole Tickle Light Buoy QV4	NL	4825	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	16.00	47° 36' 16.74"	57° 36' 53.58"	136	kg	Serrated	17.5	16	Rope	3
A-67D	144.570	QV5	Indain Hole Tickle Light Buoy QV5	NL	4825	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	15.00	47° 36' 23.58"	57° 36' 38.28"	136	kg	Serrated	17	16	Rope	3
A-67D	145.810	QE2.2	Offer Seal Island West Rock Light Buoy QE2.2	NL	4824	24 Hrs	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	20.00	47° 37' 13.68"	58° 35' 55.14"	680	kg	Serrated	30	16	Chain	2
A-67D	145.830	QE4	Lapoile North Shore Light Buoy QE4	NL	4824	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	19.00	47° 41' 1.38"	58° 23' 23.04"	136	kg	Serrated	22	16	Rope	3
A-67D	145.840	QE5	Seal Rocks Light Buoy QE5	NL	4824	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	12.90	47° 40' 57"	58° 23' 20.6"	136	kg	Serrated	14	16	Rope	3
A-67D	145.850	QE4.2	Tooth Rock Light Buoy QE4.2	NL	4824	24 Hrs	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	10.00	47° 40' 56.7"	58° 22' 45.6"	272	kg	Serrated	15	20	Rope	3
A-67D	151.200	QR6	Rose Blanche Light Buoy QR6	NL	4639	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	6.40	47° 36' 33.3"	58° 41' 38.459"	272	kg	Serrated	11	16	Rope	3
A-67D	151.300	QR1	Duck Island Sunker Light Buoy QR1	NL	4639	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	22.00	47° 36' 1.86"	58° 42' 30.66"	680	kg	Serrated	30	32	Rope	2
A-67D	151.600	QD2	Diamond Cove (Rose Blanche) Light Buoy QD2	NL	4639	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	12.00	47° 36' 31.922"	58° 42' 7.201"	272	kg	Serrated	14	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-67D	152.000	QD3	Goose Island Light Buoy QD3	NL	4639	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	10.00	47° 36' 31.1"	58° 42' 10.401"	272	kg	Serrated	12	16	Rope	3
A-67D	153.000	QD5	Cuff Island Light Buoy QD5	NL	4639	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.50	47° 36' 42.12"	58° 42' 6.661"	272	kg	Serrated	7.5	16	Rope	3
A-67D	156.200	QB3	Burnt Islands Light Buoy QB3	NL	4823	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.00	47° 35' 40.9"	58° 53' 27.9"	136	kg	Serrated	9	16	Rope	3
A-67D	157.500	QX2	Fish Point Light Buoy QX2	NL	4640	Night	1.4m Buoy	1811	Steel	Red	Year Round	24.00	47° 34' 23"	58° 58' 37.5"	1134	kg	Serrated	55	20	Chain	2
A-67D	158.300	QX8	Harry's Rock Light Buoy QX8	NL	4640	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Year Round	8.00	47° 34' 54"	58° 58' 58.5"	1134	kg	Serrated	13	20	Chain	2
A-67D	158.400	QX5	White Sunkers Inner Light Buoy QX5	NL	4640	Night	1.4m Buoy	1811	Steel	Green	Year Round	20.00	47° 34' 38.5"	58° 58' 52.6"	1134	kg	Serrated	27.5	32	Rope	2
A-67D	158.410	QX6	Pittmans Inner Island Light Buoy QX6	NL	4640	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	20.00	47° 34' 43.5"	58° 58' 51.24"	272	kg	Serrated	22	16	Rope	3
A-67D	158.420	QX7	Isle Aux Morts Light Buoy QX7	NL	4640	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	5.50	47° 34' 53.22"	58° 58' 46.32"	136	kg	Serrated	8.5	16	Rope	3
A-67D	158.760	QX1	Big Sunkers Outer Light Buoy QX1	NL	4640	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	13.00	47° 34' 20.34"	58° 58' 44.82"	272	kg	Serrated	20	16	Rope	3
A-67D	158.770	QX3	Middle Sunker Light Buoy QX3	NL	4640	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	6.40	47° 34' 29.94"	58° 58' 51.42"	272	kg	Serrated	13	16	Rope	3
A-67D	162.500	QP3	Graveyard Point Breakwater Light Buoy QP3	NL	4641	Night	1.4m Buoy	1811	Steel	Green	Year Round	11.50	47° 34' 25.2"	59° 7' 46.8"	2721	kg	Serrated	32	32	Chain	2
A-67D	164.000	QP10	Vardys Island Light Buoy QP10	NL	4641	Night	1.4m Buoy	1811	Steel	Red	Year Round	9.20	47° 34' 39"	59° 8' 14.76"	1134	kg	Serrated	18.3	20	Chain	2
A-67D	165.000	QP12	Pikes Island West Light Buoy QP12	NL	4641	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Year Round	9.00	47° 34' 47.5"	59° 8' 2.76"	136	kg	Serrated	11	16	Rope	3
A-67D	170.500	QP6	Pikes Island Breakwater Light Buoy QP6	NL	4641	Night	1.4m Buoy	1811	Steel	Red	Year Round	16.00	47° 34' 31.5"	59° 7' 56.04"	1134	kg	Serrated	27.5	20	Chain	2
A-67D	171.000	QP7	Point Pleasant Light Buoy QP7	NL	4641	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Year Round	11.00	47° 34' 30.9"	59° 8' 10.44"	272	kg	Serrated	14	16	Rope	3
A-67D	172.000	QP9	Pancake Rock Light Buoy QP9	NL	4641	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Year Round	10.00	47° 34' 35"	59° 8' 20.52"	1134	kg	Serrated	18	20	Chain	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Sourthwest Coast		
Contract Area no.:	A-68		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	The Contract Area includes the area from La Poile to Cape St. George and consists of 3 sub-contract areas: A-68A: Bay St. George South9 buoys A-68B: St. Georges4 buoys A-68C: from La Poile to Cape St. George excluding the harbour areas16 buoys		
Material Transportation & Storage	Material storage by: ContractorMaterial Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>		
Coast Guard Depot:	St. John's		
Commissioning date:	April 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	29		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	17		
Operational Season:	April 15th to November 30th		
Overview of work activities:	10 buoys are 'year round' , 19 are 'seasonal'. All are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. Mooring replacement work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		
Comment:	The sub areas will be tendered as separate contracts.		

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-68	176.400	X	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1141/09	Extinguished / Éteinte	25/06/2009	3
A-68	174.100	XY1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1313/09	Extinguished / Éteinte	18/07/2009	3
A-68	176.200	XD4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1607/09	Extinguished / Éteinte	13/09/2009	3
A-68	176.100	XD5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1606/09	Extinguished / Éteinte	13/09/2009	3
A-68	180.620	XS11	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1696/09	Extinguished / Éteinte	07/10/2009	2
A-68	180.610	XS10	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1703/09	Extinguished / Éteinte	08/10/2009	2
A-68	176.200	XD4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N2127/09	Off Position / Hors Position	01/12/2009	3
A-68	174.120	XY3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N2147/09	Off Position / Hors Position	04/12/2009	3
A-68	176.000	XD2	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N2128/09	Off Position / Hors Position	01/12/2009	3
A-68	180.620	XS11	0.6m Spar Can (Long)	0.6m espar plate (Long)	N416/10	Extinguished / Éteinte	19/03/2010	2
A-68	175.990	XE1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N935/10	Off Position / Hors Position	25/05/2010	3
A-68	174.100	XY1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1865/10	Extinguished / Éteinte	04/11/2010	3
A-68	180.200	XS2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1931/10	Extinguished / Éteinte	12/11/2010	2
A-68	178.140	XG3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N346/11	Extinguished / Éteinte	05/04/2011	3
A-68	180.530	XS6	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N479/12	Off Position / Hors Position	23/04/2012	2
A-68	175.990	XE1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N754/12	Extinguished / Éteinte	16/05/2012	3
A-68	175.980	XE2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N757/12	Extinguished / Éteinte	16/05/2012	3
A-68	180.530	XS6	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N2139/11	Extinguished / Éteinte	15/12/2011	2
A-68	180.510	XS3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1505/11	Off Position / Hors Position	10/10/2011	2
A-68	180.540	XS7	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1506/11	Extinguished / Éteinte	10/10/2011	2
A-68	175.990	XE1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1434/12	Off Position / Hors Position	19/07/2012	3
A-68	175.980	XE2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1435/12	Off Position / Hors Position	19/07/2012	3

Historique des pannesOutage History

Janvier 2009- décembre 2013

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-68	180.610	XS10	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N346/12	Extinguished / Éteinte	05/04/2012	2
A-68	180.620	XS11	0.6m Spar Can (Long)	0.6m espar plate (Long)	N347/12	Extinguished / Éteinte	05/04/2012	2
A-68	180.600	XS9	0.6m Spar Can (Long)	0.6m espar plate (Long)	N345/12	Extinguished / Éteinte	05/04/2012	2
A-68	180.550	XS8	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N344/12	Extinguished / Éteinte	05/04/2012	2
A-68	175.990	XE1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1432/12	Extinguished / Éteinte	19/07/2012	3
A-68	175.980	XE2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1433/12	Extinguished / Éteinte	19/07/2012	3
A-68	175.990	XE1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1648/12	Off Position / Hors Position	30/08/2012	3
A-68	176.110	XD3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1649/12	Off Position / Hors Position	30/08/2012	3
A-68	176.110	XD3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N2231/12	Off Position / Hors Position	19/12/2012	3
A-68	176.300	XD6	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1848/12	Off Position / Hors Position	13/10/2012	3
A-68	178.130	XG2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N804/13	Off Position / Hors Position	17/05/2013	3
A-68	178.140	XG3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N805/13	Showing Improper Character / Caractéristiques Inexactes	17/05/2013	3
A-68	180.200	XS2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N515/13	Extinguished / Éteinte	05/04/2013	2
A-68	180.540	XS7	0.6m Spar Can (Long)	0.6m espar plate (Long)	N517/13	Extinguished / Éteinte	05/04/2013	2
A-68	180.540	XS7	0.6m Spar Can (Long)	0.6m espar plate (Long)	N517/13	Partially Submerged / Partiellement Submergée	05/04/2013	2
A-68	180.520	XS5	0.6m Spar Can (Long)	0.6m espar plate (Long)	N516/13	Extinguished / Éteinte	05/04/2013	2

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-68C	XLC	183.7	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	41	GDI 1.5m Skirt	Cast-Iron/fonte	907	20	27.4
A-68C	XY	173.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	41	Sealite Trident-1400	Cast-Iron/fonte	1000	28	27.4

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-68	180.00	XS1	Port Harmon Entrance Light Buoy XS1	2017
A-68	180.61	XS10	Port Harmon East Turning Basin Light Buoy XS10	2017
A-68	180.62	XS11	Port Harmon West Turning Basin Light Buoy XS11	2017
A-68	180.20	XS2	Port Harmon Channel Light Buoy XS2	2017
A-68	180.51	XS3	Port Harmon Channel Light Buoy XS3	2017
A-68	180.52	XS5	Port Harmon Inner Light Buoy XS5	2017
A-68	180.53	XS6	Port Harmon Channel Light Buoy XS6	2017
A-68	180.54	XS7	Port Harmon Channel Light Buoy XS7	2017
A-68	180.55	XS8	Port Harmon Channel Light Buoy XS8	2017
A-68	180.60	XS9	Port Harmon Turn Basin Light Buoy XS9	2017

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-68A	175.980	XE2	Fischells Entrance Outer Light Buoy XE2	NL	4022	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	48° 19' 21.42"	58° 42' 20.9"	136	kg	Serrated	6	16	Rope	3
A-68A	175.990	XE1	Fischells Entrance Inner Light Buoy XE1	NL	4022	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	48° 19' 21.6"	58° 42' 20.22"	136	kg	Serrated	6	16	Rope	3
A-68A	176.000	XD2	Crabbes River Entrance Light Buoy XD2	NL	4022	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal	4.00	48° 13' 14.4"	58° 52' 54.6"	136	kg	Serrated	8	16	Rope	3
A-68A	176.100	XD5	Crabbes River Harbour Light Buoy XD5	NL	4022	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.40	48° 13' 12.2"	58° 50' 57.26"	272	kg	Serrated	8	16	Rope	3
A-68A	176.110	XD3	Crabbes River Light Buoy XD3	NL	4022	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	48° 13' 12.3"	58° 51' 53.4"	136	kg	Serrated	7	16	Rope	3
A-68A	176.120	XD1	Crabbes River Channel #2 Light Buoy XD1	NL	4022	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	48° 13' 13.2"	58° 52' 7.2"	136	kg	Serrated	7	16	Rope	3
A-68A	176.200	XD4	Crabbes River Harbour Light Buoy XD4	NL	4022	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	2.40	48° 13' 14.4"	58° 51' 56.4"	136	kg	Serrated	8	16	Rope	3
A-68A	176.300	XD6	Crabbes River Channel Light Buoy XD6	NL	4022	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	48° 13' 8.94"	58° 51' 48"	136	kg	Serrated	6	16	Rope	3
A-68A	176.400	X	Crabbes River Inner Light Buoy X	NL	N/A	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow	Seasonal	6.00	48° 13' 7.44"	58° 51' 45.3"	272	kg	Serrated	8	16	Rope	3
A-68B	178.120	XG1	St. George's Harbour Outer Light Buoy XG1	NL	4885	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.50	48° 26' 6.47"	58° 29' 16.35"	136	kg	Serrated	6.5	16	Rope	3
A-68B	178.130	XG2	St. George's Harbour Outer Light Buoy XG2	NL	4885	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	48° 26' 6.47"	58° 29' 21.35"	136	kg	Serrated	6.5	16	Rope	3
A-68B	178.140	XG3	St. George's Harbour Inner Light Buoy XG3	NL	4885	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.50	48° 25' 53.97"	58° 29' 17.35"	136	kg	Serrated	6.5	16	Rope	3
A-68B	178.150	XG4	St. George's Harbour Inner Light Buoy XG4	NL	4885	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	48° 25' 53.97"	58° 29' 20.85"	136	kg	Serrated	6.5	16	Rope	3
A-68C	173.500	XY	Codroy Fairway Light Buoy XY	NL	4682	Night	1.4m Buoy	1811	Steel	Red-white	Seasonal	17.00	47° 52' 3.03"	59° 23' 25.452"	1134	kg	Serrated	41	20	Chain	2
A-68C	174.100	XY1	Codroy Island Outer Light Buoy XY1	NL	4682	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.80	47° 52' 24.51"	59° 23' 37.83"	136	kg	Serrated	15	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-68C	174.120	XY3	Codroy Light Buoy XY3	NL	4682	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	47° 52' 37.14"	59° 23' 46.98"	136	kg	Serrated	9.3	16	Rope	3
A-68C	174.200	XY2	Codroy Outer Light Buoy XY2	NL	4682	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	12.80	47° 52' 27.45"	59° 23' 28.05"	136	kg	Serrated	15	16	Rope	3
A-68C	174.300	XY4	Beach Point Light Buoy XY4	NL	4682	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	47° 52' 38.76"	59° 23' 43.38"	136	kg	Serrated	9.3	16	Rope	3
A-68C	180.000	XS1	Port Harmon Entrance Light Buoy XS1	NL	4885	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.00	48° 30' 20.47"	58° 32' 32.35"	1814	kg	Serrated	22	20	Chain	2
A-68C	180.200	XS2	Port Harmon Channel Light Buoy XS2	NL	4885	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	11.00	48° 30' 30.42"	58° 32' 21.42"	1134	kg	Serrated	15	20	Chain	2
A-68C	180.510	XS3	Port Harmon Channel Light Buoy XS3	NL	4885	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	11.00	48° 30' 34.67"	58° 32' 22.85"	1134	kg	Serrated	17	20	Chain	2
A-68C	180.520	XS5	Port Harmon Inner Light Buoy XS5	NL	4885	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.00	48° 30' 44.77"	58° 32' 15.85"	1134	kg	Serrated	15	20	Chain	2
A-68C	180.530	XS6	Port Harmon Channel Light Buoy XS6	NL	4885	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	10.00	48° 30' 45.97"	58° 32' 10.85"	1134	kg	Serrated	18	20	Chain	2
A-68C	180.540	XS7	Port Harmon Channel Light Buoy XS7	NL	4885	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	11.00	48° 31' 14.97"	58° 31' 55.35"	1134	kg	Serrated	15	20	Chain	2
A-68C	180.550	XS8	Port Harmon Channel Light Buoy XS8	NL	4885	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	10.00	48° 31' 15.97"	58° 31' 50.35"	1134	kg	Serrated	12	20	Chain	2
A-68C	180.600	XS9	Port Harmon Turn Basin Light Buoy XS9	NL	4885	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	11.00	48° 31' 30.47"	58° 31' 45.35"	1134	kg	Serrated	18	20	Chain	2
A-68C	180.610	XS10	Port Harmon East Turning Basin Light Buoy XS10	NL	4885	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	10.00	48° 31' 33.97"	58° 31' 32.85"	1134	kg	Serrated	12	20	Chain	2
A-68C	180.620	XS11	Port Harmon West Turning Basin Light Buoy XS11	NL	4885	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.00	48° 31' 43.97"	58° 31' 48.35"	1134	kg	Serrated	12	20	Chain	2
A-68C	183.700	XLC	Lower Cove Light Buoy XLC	NL	4021	Night	1.4m Buoy	1811	Steel	Black-red-black	Seasonal	16.00	48° 30' 57.12"	59° 1' 21.12"	1134	kg	Serrated	41	20	Chain	2

Contract Area name:	Bay of Islands
Contract Area no.:	A-69
Province(s):	Newfoundland and Labrador
Contract Area Description:	Includes the area from Cape St. George to Rocky Harbour.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>
Coast Guard Depot:	St. John's
Commissioning date:	April 15th
Decommissioning date:	November 30th
Total no. of buoys:	3
Max. buoy size(m) diameter :	0.6
Maximum anchor size (weight (kg)):	1134
Maximum buoy weight (kg) :	510
Maximum water depth (m) :	16
Operational Season:	April 15th to November 30th
Overview of work activities:	1 buoy is year round' , 2 are 'seasonal'. All are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-69	193.40	XL1	Lark Harbour Entrance Light Buoy XL1	2017

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-69	193.400	XL1	Lark Harbour Entrance Light Buoy XL1	NL	4654	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	11.00	49° 6' 23.22"	58° 20' 36.12"	1134	kg	Serrated	21	20	Chain	2
A-69	193.500	XL2	Lark Harbour Spit XL2	NL	4654	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	49° 5' 51.72"	58° 22' 16.5"	136	kg	Serrated	7.5	16	Rope	3
A-69	194.500	XCB2	Allen's Spar Light Buoy XCB2	NL	4652	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	15.50	48° 57' 57.672"	58° 1' 12.6"	136	kg	Serrated	18	16	Rope	3

Contract Area name:	West Coast Centre		
Contract Area no.:	A-70		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	<div>The Contract Area includes the area from Rocky Harbour to New Feolle and consists of 3 sub-contract areas:</div> <div><div>A-70A: Rocky Harbour</div><div>A-70B: Parson's Pond</div><div>A-70C: from Rocky Harbour to New Feolle excluding the harbour areas</div></div> <div><div>1 buoy</div><div>2 buoy</div><div>10 buoys</div></div>		
Material Transportation & Storage	<div>Material storage by: Contractor</div> <div>Material Transportation by: Canadian Coast Guard</div> <div>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</div>		
Coast Guard Depot:	St. John's		
Commissioning date:	April 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	13		
Max. buoy size(m) diameter :	0.6		
Maximum anchor size (weight (kg)):	680		
Maximum buoy weight (kg) :	65		
Maximum water depth (m) :	13		
Operational Season:	April 15th to November 30th		
Overview of work activities:	<div>All buoys are 'seasonal' and equipped with lanterns.</div> <div>Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly.</div> <div>Unscheduled work includes response to discrepancies during the operational season.</div> <div>As there are no year-round buoys there are no scheduled mooring changes.</div>		
Comment:	The sub areas will be tendered as separate contracts.		

Historique des pannes

Janvier 2009 - décembre 2013

Outage history

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-70B	203.100	XPP2	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1552/09	Off Position / Hors Position	01/09/2009	3
A-70C	202.500	XW4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1736/09	Off Position / Hors Position	14/10/2009	3
A-70C	202.300	XW2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1735/09	Extinguished / Éteinte	14/10/2009	3
A-70C	202.400	XW3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N554/11	Extinguished / Éteinte	04/05/2011	3
A-70C	202.600	XW1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N553/11	Extinguished / Éteinte	04/05/2011	3
A-70C	202.600	XW1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1853/12	Off Position / Hors Position	15/10/2012	3
A-70C	202.400	XW3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1855/12	Off Position / Hors Position	15/10/2012	3
A-70C	202.500	XW4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1856/12	Off Position / Hors Position	15/10/2012	3
A-70C	207.200	XDH2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1917/12	Off Position / Hors Position	25/10/2012	3
A-70C	207.200	XDH2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N0154/13	Off Position / Hors Position	18/01/2013	3
A-70C	202.300	XW2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1854/12	Off Position / Hors Position	15/10/2012	3
Note:	There is no outage history for the sub-contract area A-70A in the five year records used for this report. For the purpose of bidding, assume there is one outage per operational season and that the outage type is 'buoy off position /lost'							
Note:	Il n'y a pas d'historique de panne pour la sous-zone de contrat A-70A pour les cinq années utilisées dans ce rapport. Aux fins de l'appel d'offres, assumez qu'il y a une panne par saison d'opération et que le type de panne est une bouée hors position/ perdu							

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring			Importance
															Size	UOM	Type	Length (m)	Size in mm	Type	
A-70A	200.200	XR2	Rocky Harbour Entrance Light Buoy XR2	NL	4658	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	12.80	49° 35' 34.8"	57° 56' 42.6"	136	kg	Serrated	14.8	16	Rope	3
A-70B	203.100	XPP2	Parson's Pond Entrance # 2 Light Buoy XPP2	NL	4663	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Red	Seasonal	2.00	50° 2' 1.44"	57° 42' 51.24"	136	kg	Serrated	3.6	16	Rope	3
A-70B	203.200	XPP1	Parson's Pond Entrance #1 Light Buoy XPP1	NL	4663	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	50° 2' 2.46"	57° 42' 50.94"	136	kg	Serrated	3.6	16	Rope	3
A-70C	199.100	XT2	Trout River Point Rock Light Buoy XT2	NL	4661	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	49° 28' 57.1"	58° 7' 52.8"	136	kg	Serrated	5.5	16	Rope	3
A-70C	199.200	XT3	Trout River Bay Shoal Light Buoy XT3	NL	4661	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.90	49° 28' 56.2"	58° 7' 52"	136	kg	Serrated	7	16	Rope	3
A-70C	202.300	XW2	Harbour Rock Light Buoy XW2	NL	4663	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	49° 55' 31.116"	57° 47' 21.996"	136	kg	Serrated	7	16	Rope	3
A-70C	202.400	XW3	Cow Head Harbour Light Buoy XW3	NL	4663	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	49° 55' 30.678"	57° 48' 13.134"	136	kg	Serrated	8	16	Rope	3
A-70C	202.500	XW4	Cow Head Outer Light Buoy XW4	NL	4663	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	49° 55' 28.416"	57° 48' 14.724"	136	kg	Serrated	8	16	Rope	3
A-70C	202.600	XW1	Cow Head Harbour Light Buoy XW1	NL	4663	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	49° 55' 32.304"	57° 47' 20.07"	136	kg	Serrated	11	16	Rope	3
A-70C	207.200	XDH2	Daniel's Harbour Light Buoy XDH2	NL	4663	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.10	50° 14' 33.6"	57° 35' 16.32"	136	kg	Serrated	11	16	Rope	3
A-70C	208.050	XPS2	Cotton Shoal Light Buoy XPS2	NL	4679	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.40	50° 38' 28.32"	57° 16' 38.8"	136	kg	Serrated	5.4	16	Rope	3
A-70C	211.700	XP4	Ardent Rock Light Buoy XP4	NL	4679	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	7.10	50° 43' 16.98"	57° 20' 2.8"	680	kg	Serrated	10	20	Chain	2
A-70C	211.740	XP6	Back Arm Light Buoy XP6	NL	4679	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.80	50° 42' 37.8"	57° 20' 58.86"	136	kg	Serrated	11	16	Rope	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	South Strait Newfoundland Coast
Contract Area no.:	A-71
Province(s):	Newfoundland and Labrador
Contract Area Description:	Includes the area from New Feolle to Goose Cove; divided into 2 sections:71,Aa: west coast and 71,B east coast. see table, page 2 for sub-areas in each section.
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>
Coast Guard Depot:	St. John's
Commissioning date:	April 15th
Decommissioning date:	November 30th
Total no. of buoys:	47 total, 15 (71a), 32 (71b)
Max. buoy size(m) diameter :	1.4
Maximum anchor size (weight (kg)):	1134
Maximum buoy weight (kg) :	1811
Maximum water depth (m) :	20 (71a), 26 (71b)
Operational Season:	April 15th to November 30th
Overview of work activities:	4 buoys are 'year round', 43 are 'seasonal'. All are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.
Comment:	The areas will be tendered as separate contracts

Contract Area name:	South Strait Newfoundland Coast
Contract Area no.:	A-71

Contract Area name:	South Strait Newfoundland Coast	
Contract Area no.:	A-71	
Sections	Sub-areas	
<u>Section 71A has 2 sub areas:</u>	71-A1: Flower's Cove	4 buoys
	71-A2: west coast excluding harbour area	11 buoy
<u>Section 71b has 5 sub areas:</u>	71-B1: Cook's Harbour	4 buoys
	71-B2: Quirpon	4 buoys
	71B-3:Griquet	9 buoy
	71-B4: St.Anthony	3 buoys
	71-B5: east coast excluding harbour areas	12 buoys

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-71A	213.580	XF8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1705/09	Extinguished / Éteinte	08/10/2009	3
A-71A	213.510	XF6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1704/09	Extinguished / Éteinte	08/10/2009	3
A-71A	216.600	XK1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N2184/09	Off Position / Hors Position	10/12/2009	2
A-71A	216.500	XK2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N855/10	Partially Submerged / Partiellement Submergée	17/05/2010	2
A-71A	213.580	XF8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1093/10	Extinguished / Éteinte	15/07/2010	3
A-71A	216.120	XB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N132/11	Off Position / Hors Position	23/01/2011	2
A-71A	222.120	XV2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1094/11	Extinguished / Éteinte	14/07/2011	3
A-71A	212.540	XF3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1423/11	Off Position / Hors Position	22/09/2011	3
A-71A	216.100	XB2	1.4m Buoy	1.4m bouée	N1305/12	Off Position / Hors Position	25/06/2012	2
A-71A	216.400	XK3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1314/12	Off Position / Hors Position	27/06/2012	3
A-71A	216.400	XK3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1804/12	Off Position / Hors Position	03/10/2012	3
A-71A	216.600	XK1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N1898/12	Extinguished / Éteinte	23/10/2012	2
A-71A	215.410	XA2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N2134/12	Off Position / Hors Position	27/11/2012	2
A-71A	216.120	XB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N0161/13	Off Position / Hors Position	22/01/2013	2
A-71A	216.130	XB4	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N509/13	Off Position / Hors Position	04/04/2013	2
A-71A	216.120	XB3	0.6m Spar Can (Long)	0.6m espar plate (Long)	N553/13	Off Position / Hors Position	16/04/2013	2
A-71b	242.300	KA2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N584/09	Extinguished / Éteinte	07/05/2009	2
A-71b	242.310	KA1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N606/09	Off Position and extinguished / Hors Position et Éteinte	09/05/2009	2
A-71b	242.300	KA2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N604/09	Extinguished / Éteinte	08/05/2009	2
A-71b	238.200	KU2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1366/09	Extinguished / Éteinte	30/07/2009	3
A-71b	235.340	KQ7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1365/09	Extinguished / Éteinte	30/07/2009	3
A-71B	233.200	XC1	0.6m SB 60 Spar Can PI	0.6m SB 60 espar plate PI	N1358/09	Off Position / Hors Position	29/07/2009	3
A-71B	235.600	XM4	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N2179/09	Off Position / Hors Position	10/12/2009	2

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-71b	242.300	KA2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N535/10	Off Position / Hors Position	14/04/2010	2
A-71b	242.300	KA2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N575/10	Off Position / Hors Position	20/04/2010	2
A-71B	233.200	XC1	0.6m SB 60 Spar Can Pl	0.6m SB 60 espar plate Pl	N792/10	Off Position and extinguished / Hors Position et Éteinte	10/05/2010	3
A-71B	232.220	XC7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N796/10	Off Position and extinguished / Hors Position et Éteinte	10/05/2010	3
A-71B	233.210	XC5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N795/10	Off Position and extinguished / Hors Position et Éteinte	10/05/2010	3
A-71B	233.170	XC4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N794/10	Off Position and extinguished / Hors Position et Éteinte	10/05/2010	3
A-71B	233.180	XC2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N793/10	Off Position and extinguished / Hors Position et Éteinte	10/05/2010	3
A-71B	233.210	XC5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1233/10	Extinguished / Éteinte	29/06/2010	3
A-71B	233.180	XC2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1232/10	Extinguished / Éteinte	29/06/2010	3
A-71B	233.170	XC4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1231/10	Extinguished / Éteinte	29/06/2010	3
A-71b	238.100	KU1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1229/10	Extinguished / Éteinte	29/06/2010	3
A-71b	238.400	KU4	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1230/10	Extinguished / Éteinte	29/07/2010	3
A-71b	235.350	KQ8	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1270/10	Extinguished / Éteinte	16/06/2010	3
A-71b	235.310	KQ3	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1792/10	Off Position / Hors Position	18/10/2010	3
A-71B	232.220	XC7	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1571/10	Extinguished / Éteinte	13/09/2010	3
A-71B	233.210	XC5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1570/10	Extinguished / Éteinte	13/09/2010	3
A-71b	238.200	KU2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1278/11	Off Position and extinguished / Hors Position et Éteinte	24/08/2011	3
A-71b	243.200	KM1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N796/12	Extinguished / Éteinte	16/05/2012	3
A-71b	243.300	KA6	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N797/12	Extinguished / Éteinte	16/05/2012	3
A-71b	237.200	KQ	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N823/12	Extinguished / Éteinte	17/05/2012	3
A-71b	237.200	KQ	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N823/12	Extinguished / Éteinte	17/05/2012	3
A-71b	237.100	KQV	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N824/12	Extinguished / Éteinte	17/05/2012	3

Historique des pannesOutage HistoryJanvier 2009- décembre 2013January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-71b	235.320	KQ5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N832/12	Extinguished / Éteinte	17/05/2012	3
A-71b	242.310	KA1	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1805/12	Off Position / Hors Position	04/10/2012	2
A-71b	242.300	KA2	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N0241/13	Off Position / Hors Position	02/02/2013	2

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-71A2	XF	212.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	55	Sealite Trident-1400	Cast-Iron/fonte	907	20	36.6
A-71B5	XM	235.5	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	36.6	Sealite Trident-1400	Cast-Iron/fonte	907	20	36.6

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-71a	216.12	XB3	St. Barbe Inner Light Buoy XB3	2017
A-71a	216.13	XB4	Harbour Point Light Buoy XB4	2016
A-71b	242.31	KA1	North Harbour Rock Light Buoy KA1	2016
A-71b	242.30	KA2	St. Anthony Harbour Light Buoy KA2	2016

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-71A1	212.540	XF3	Capstan Point Light Buoy XF3	NL	4667	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	51° 17' 43.44"	56° 45' 15.18"	136	kg	Serrated	11	16	Rope	3
A-71A1	212.550	XF2	Seal Ledges Light Buoy XF2	NL	4667	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	51° 17' 37"	56° 45' 31"	136	kg	Serrated	11	16	Rope	3
A-71A1	213.510	XF6	Flowers Cove Outer Light Buoy XF6	NL	4667	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.50	51° 17' 48.6"	56° 44' 23"	136	kg	Serrated	9	16	Rope	3
A-71A1	213.580	XF8	Flowers Cove Inner Light Buoy XF8	NL	4667	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.50	51° 17' 52.26"	56° 44' 15.12"	136	kg	Serrated	9	16	Rope	3
A-71A2	212.500	XF	Flowers Cove Light Buoy XF	NL	4667	Night	1.4m Buoy	1811	Steel	Red-white	Seasonal	17.00	51° 17' 55.32"	56° 46' 27"	1134	kg	Serrated	55	20	Chain	2
A-71A2	215.600	XA2	Anchor Point Light Buoy XA2	NL	4667	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	20.00	51° 13' 24.658"	56° 48' 24.998"	680	kg	Serrated	37	32	Rope	2
A-71A2	216.090	XB1	St. Barbe Outer Light Buoy XB1	NL	4667	Night	1.4m Buoy	1811	Steel	Green	Seasonal	11.70	51° 12' 50.517"	56° 46' 56.818"	1134	kg	Serrated	27	20	Chain	2
A-71A2	216.100	XB2	St. Barbe Light Buoy XB2	NL	4667	Night	1.4m Buoy	1811	Steel	Red	Seasonal	10.50	51° 12' 37.2"	56° 46' 57.12"	1134	kg	Serrated	27	20	Chain	2
A-71A2	216.120	XB3	St. Barbe Inner Light Buoy XB3	NL	4667	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.70	51° 12' 27.78"	56° 46' 17.46"	1134	kg	Serrated	18	20	Chain	2
A-71A2	216.130	XB4	Harbour Point Light Buoy XB4	NL	4667	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	9.80	51° 12' 24.48"	56° 46' 24.18"	1134	kg	Serrated	14.5	20	Chain	2
A-71A2	216.400	XK3	Black Duck Cove Light Buoy XK3	NL	4667	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.00	51° 11' 51.66"	56° 47' 53.5"	136	kg	Serrated	5.8	16	Rope	3
A-71A2	216.500	XK2	West Shoal Light Buoy XK2	NL	4667	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.60	51° 11' 52.624"	56° 48' 3.415"	680	kg	Serrated	10	16	Chain	2
A-71A2	216.600	XK1	East Shoal Light Buoy XK1	NL	4667	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	6.40	51° 11' 55.981"	56° 47' 58.137"	680	kg	Serrated	10	16	Chain	2
A-71A2	216.900	XFF1	Old Ferolle Entrance Light Buoy XFF1	NL	4666	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	7.30	51° 4' 21"	56° 54' 26.4"	1133	kg	Serrated	12.8	20	Chain	2
A-71A2	222.120	XV2	Savage Cove Light Buoy XV2	NL	4667	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.60	51° 19' 54.96"	56° 42' 17.76"	136	kg	Serrated	6.5	16	Rope	3
A-71B1	232.220	XC7	Cooks Harbour Light Buoy XC7	NL	4509	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	51° 36' 17.58"	55° 51' 44.46"	136	kg	Serrated	8	16	Rope	3
A-71B1	233.170	XC4	Cooks Harbour Outer Light Buoy XC4	NL	4509	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.40	51° 36' 23.52"	55° 50' 58.5"	136	kg	Serrated	8.5	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring			Importance
															Size	UOM	Type	Length (m)	Size in mm	Type	
A-71B1	233.180	XC2	Cooks Harbour Outer Light Buoy XC2	NL	4509	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.40	51° 36' 26.76"	55° 50' 46.5"	136	kg	Serrated	8.5	16	Rope	3
A-71B1	233.210	XC5	Cooks Harbour Middle Light Buoy XC5	NL	4509	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	51° 36' 19.5"	55° 51' 30.84"	136	kg	Serrated	9.5	16	Rope	3
A-71B2	235.200	KQB	Butter Rock Light Buoy KQB	NL	4512	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-red-black	Seasonal	7.50	51° 34' 51.78"	55° 26' 29.46"	136	kg	Serrated	9.5	16	Rope	2
A-71B2	235.910	KQ1	Quirpon Approaches Light Buoy KQ1	NL	4512	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.00	51° 36' 8"	55° 27' 33.5"	136	kg	Serrated	13	16	Rope	3
A-71B2	237.100	KQV	Vincent Shoal Light Buoy KQV	NL	4512	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Yellow-black	Seasonal	3.70	51° 35' 17.5"	55° 27' 18"	136	kg	Serrated	5.5	16	Rope	3
A-71B2	237.200	KQ	Vincent Shoal Light Buoy KQ	NL	4512	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Black-yellow	Seasonal	3.70	51° 35' 14.5"	55° 27' 19"	136	kg	Serrated	5.5	16	Rope	3
A-71B3	235.310	KQ3	Shoals South Light Buoy KQ3	NL	4020	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	13.00	51° 32' 30.36"	55° 26' 38.96"	136	kg	Serrated	15	16	Rope	3
A-71B3	235.320	KQ5	Griquet Light Buoy KQ5	NL	4020	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.30	51° 32' 24.08"	55° 27' 42.12"	136	kg	Serrated	9.3	16	Rope	3
A-71B3	235.340	KQ7	Alcock's Point Light Buoy KQ7	NL	4020	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	51° 32' 12.06"	55° 27' 42.08"	136	kg	Serrated	10	16	Rope	3
A-71B3	235.350	KQ8	Sandy Point Light Buoy KQ8	NL	4020	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	51° 31' 57.78"	55° 27' 33.44"	136	kg	Serrated	7.5	16	Rope	3
A-71B3	238.100	KU1	Gull Rock Light Buoy KU1	NL	4020	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.40	51° 31' 55.02"	55° 26' 46.46"	136	kg	Serrated	5.4	16	Rope	3
A-71B3	238.200	KU2	Cow Rock Light Buoy KU2	NL	4020	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.00	51° 31' 59.04"	55° 26' 43.82"	136	kg	Serrated	5	16	Rope	3
A-71B3	238.300	KU3	Smith's Point Light Buoy KU3	NL	4020	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	13.40	51° 31' 23.22"	55° 27' 16.04"	136	kg	Serrated	15.4	16	Rope	3
A-71B3	238.400	KU4	Garden Cove Point Light Buoy KU4	NL	4020	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.40	51° 31' 47.64"	55° 26' 55.4"	136	kg	Serrated	9.4	16	Rope	3
A-71B3	238.500	KU6	Leo's Rock Light Buoy KU6	NL	4020	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.00	51° 31' 24.42"	55° 27' 15.2"	136	kg	Serrated	12	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-71B4	243.100	KA4	Marguerite Point Light Buoy KA4	NL	4514	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.50	51° 21' 57.863"	55° 34' 43.056"	136	kg	Serrated	8	16	Rope	3
A-71B4	243.200	KM1	St. Anthony Outer light buoy KM1	NL	4514	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.50	51° 22' 2.542"	55° 34' 50.856"	136	kg	Serrated	8	16	Rope	3
A-71B4	243.300	KA6	St. Anthony Inner Light Buoy KA6	NL	4514	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.30	51° 22' 5.144"	55° 35' .258"	136	kg	Serrated	9.5	16	Rope	3
A-71B5	233.200	XC1	Green Island Light Buoy XC1	NL	4509	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	18.00	51° 36' 42.96"	55° 49' 32.7"	680	kg	Serrated	28	20	Chain	3
A-71B5	235.500	XM	Hay Cove Shoal Light Buoy XM	NL	4512	Night	1.4m Buoy	1811	Steel	Black-yellow	Seasonal	26.10	51° 36' 22.8"	55° 30' 10.2"	1134	kg	Serrated	36.5	20	Chain	2
A-71B5	235.600	XM4	Medee Bay Shoal Light Buoy XM4	NL	4512	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	7.90	51° 36' 18"	55° 31' 34.2"	1134	kg	Serrated	10	20	Chain	2
A-71B5	239.240	KN3	St.Lunaire Harbour Light Buoy KN3	NL	4507	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	51° 30' 1.56"	55° 28' 33.54"	136	kg	Serrated	12	16	Rope	3
A-71B5	239.250	KN5	Harbour Shoal Light Buoy KN5	NL	4507	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.00	51° 30' 1.68"	55° 28' 31.08"	136	kg	Serrated	9	16	Rope	3
A-71B5	239.251	KN4	Wharf Rock Light Buoy KN4	NL	4507	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	5.00	51° 29' 58.74"	55° 28' 26.28"	136	kg	Serrated	7	16	Rope	3
A-71B5	240.300	KG1	Flat Point, Goose Cove Light Buoy KG1	NL	4516	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.00	51° 18' 32"	55° 38' 33.22"	136	kg	Serrated	9	16	Rope	3
A-71B5	240.600	KG2	Goose Cove (Mouse Island) Light Buoy KG2	NL	4516	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.40	51° 18' 31.26"	55° 38' 30.42"	136	kg	Serrated	8.5	16	Rope	3
A-71B5	241.100	KG3	Goose Cove (Ant Island) Light Buoy KG3	NL	4516	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.40	51° 18' 30"	55° 38' 12.42"	136	kg	Serrated	8.5	16	Rope	3
A-71B5	241.160	KG5	Goose Cove Inner (Cigale Point) Light Buoy KG5	NL	4516	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	4.00	51° 18' 32.6"	55° 38' 8.32"	136	kg	Serrated	6	16	Rope	3
A-71B5	242.300	KA2	St. Anthony Harbour Light Buoy KA2	NL	4514	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	12.80	51° 21' 35.142"	55° 34' 5.256"	1134	kg	Serrated	16	20	Chain	2
A-71B5	242.310	KA1	North Harbour Rock Light Buoy KA1	NL	4514	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	7.60	51° 21' 34.6"	55° 34' 11.7"	1134	kg	Serrated	11	20	Chain	2

Contract Area name:	Northern Straits, Labrador Coast		
Contract Area no.:	A-72		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	Includes the area from L'Anse-au-Clair to Chateau Point.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>		
Coast Guard Depot:	St. John's		
Commissioning date:	June 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	9		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	43		
Operational Season:	June 15th to November 30th		
Overview of work activities:	All buoys are seasonal and are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Unscheduled work includes response to discrepancies during the operational season. As there are no year-round buoys there are no scheduled mooring changes.		

Historique des pannesOutage HistoryJanvier 2009- décembre 2013January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-72	229.600	NR6	1.4m Buoy	1.4m bouée	N1338/10	Extinguished / Éteinte	26/07/2010	2
A-72	226.600	NPC2	1.4m Buoy	1.4m bouée	N1401/11	Off Position / Hors Position	18/09/2011	2
A-72	226.600	NPC2	1.4m Buoy	1.4m bouée	N2086/11	Off Position / Hors Position	12/12/2011	2
A-72	229.800	NR3	1.4m Buoy	1.4m bouée	N1896/12	Off Position / Hors Position	23/10/2012	2
A-72	230.100	NR4	1.4m Buoy	1.4m bouée	N1897/12	Off Position / Hors Position	23/10/2012	2
A-72	226.600	NPC2	1.4m Buoy	1.4m bouée	N1931/12	Off Position / Hors Position	30/10/2012	2

Planned schedule for buoy conversion (steel to plastic)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Date prévue de conversion de bouées (acier à plastique)

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du prochain changement des orins.

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL						NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille du contrepoids (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Counterweight Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-72	NPC2	226.6	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	---	20	27.4	Sealite Trident-1400	Cast-Iron/fonte	800	20	27.4
A-72	NPW2	229.1	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	---	20	62	Sealite Trident-1400	Cast-Iron/fonte	907	20	54.9
A-72	NR3	229.8	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	---	20	36.6	Sealite Trident-1400	Cast-Iron/fonte	907	20	45.7
A-72	NR4	230.1	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	---	20	27.4	Sealite Trident-1400	Cast-Iron/fonte	907	20	27.4
A-72	NR6	229.6	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	---	20	22.9	Sealite Trident-1400	Cast-Iron/fonte	800	20	22.9
A-72	NR	230.2	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	250	20	31	Sealite Trident-1400	Cast-Iron/fonte	907	20	27.4

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-72	226.600	NPC2	L'anse Au Clair Light Buoy NPC2	NL	4470	Night	1.4m Buoy	1811	Steel	Red	Seasonal	20.00	51° 24' 43.92"	57° 3' 33"	1134	kg	Serrated	27	20	Chain	2
A-72	229.100	NPW2	Soldiers Rock Light Buoy NPW2	NL	4668	Night	1.4m Buoy	1811	Steel	Red	Seasonal	43.00	51° 37' 30.6"	56° 37' 1"	1134	kg	Serrated	62	20	Chain	2
A-72	229.600	NR6	Saddle Island Light Buoy NR6	NL	4669	Night	1.4m Buoy	1811	Steel	Red	Seasonal	8.60	51° 43' 41.758"	56° 26' 4.559"	1134	kg	Serrated	22	20	Chain	2
A-72	229.800	NR3	The Louse Light Buoy NR3	NL	4669	Night	1.4m Buoy	1811	Steel	Green	Seasonal	32.00	51° 42' 20.818"	56° 26' 20.64"	1134	kg	Serrated	36.6	20	Chain	2
A-72	230.100	NR4	Scab Rock Light Buoy NR4	NL	4669	Night	1.4m Buoy	1811	Steel	Red	Seasonal	17.00	51° 43' 8.279"	56° 25' 28.258"	1134	kg	Serrated	27	20	Chain	2
A-72	230.200	NR	Thistle Rock Light Buoy NR	NL	4669	Night	1.4m Buoy	1811	Steel	Yellow-black	Seasonal	16.00	51° 43' 10.141"	56° 23' 43.621"	1134	kg	Serrated	31	20	Chain	2
A-72	230.350	ND1	L'anse Au Diable Light Buoy ND1	NL	N/A	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.30	51° 33' 25.08"	56° 45' 39.9"	136	kg	Serrated	8.5	16	Rope	3
A-72	230.500	ND2	L'Anse Au Diable Light Buoy ND2	NL	4020	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	6.60	51° 33' 25.2"	56° 45' 35.46"	680	kg	Serrated	11	20	Chain	3
A-72	231.520	NPM2	West St. Modeste Light Buoy NPM2	NL	4668	Night	0.6m Spar Conical (Long)	637	Steel	Red	Seasonal	7.70	51° 35' 44.378"	56° 42' 12.703"	680	kg	Serrated	12	20	Chain	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Southern Labrador		
Contract Area no.:	A-73		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	Includes the area from Chateau Point to Domino Run.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).		
Coast Guard Depot:	St. John's		
Commissioning date:	June 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	37		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	58		
Operational Season:	June 15th to November 30th		
Overview of work activities:	8 buoys are 'year round', 29 are 'seasonal'. All are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		

Historique des pannes

Janvier 2009- décembre 2013

Outage History

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-73	279.450	NM5	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1483/10	Extinguished / Éteinte	24/07/2010	2
A-73	279.500	NM6	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1482/10	Extinguished / Éteinte	24/08/2010	2
A-73	279.620	NM10	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1484/10	Extinguished / Éteinte	24/08/2010	2
A-73	276.400	NF2	1.4m Buoy	1.4m bouée	N877/11	Extinguished / Éteinte	08/06/2011	2
A-73	276.400	NF2	1.4m Buoy	1.4m bouée	N1091/11	Extinguished / Éteinte	13/07/2011	2
A-73	276.500	NF3	1.4m Buoy	1.4m bouée	N622/12	Submerged / Submergée	05/05/2012	2
A-73	270.920	NA5	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1119/12	Off Position / Hors Position	07/06/2012	3
A-73	276.900	NS	1.4m Buoy	1.4m bouée	N1904/12	Extinguished / Éteinte	23/10/2012	2
A-73	279.720	NM	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1951/12	Extinguished / Éteinte	06/11/2012	2
A-73	276.750	NS2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1607/13	Extinguished / Éteinte	04/09/2013	2

Planned schedule for buoy conversion (steel to plastic)

Date prévue de conversion de bouées (acier à plastique)

The steel buoys will be replaced by the new plastic buoys and accessories as indicated in the table, at the next scheduled mooring replacement date.

Les bouées d'acier seront remplacés par les nouvelles bouées en plastique et accessoires comme indiqué dans le tableau, à la date prévue du

Zone de contrat	Code de l'aide	No du Livre des Feux	ÉQUIPEMENT ACTUEL					NOUVEL ÉQUIPEMENT				
			Bouées d'acier	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)	Bouées de plastique	Type d'ancre	Taille de l'ancre (kg)	Taille de la chaîne (mm)	Longueur de la chaîne (m)
Contract area	Aid ID	LLNO	Steel Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)	Plastic Buoy	Anchor Material	Anchor Mass (kg)	Chain Size (mm)	Chain Length (m)
A-73	NS	276.9	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	20	GDI 1.5m Skirt	Cast-Iron/fonte	1000	20	27.4
A-73	NW1	270.4	1.4m Buoy / 1.4m bouée	Cast-Iron/fonte	1134	20	45.7	Sealite Trident-1400	Cast-Iron/fonte	800	20	45.7

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-73	279.72	NM	Barr Tickle Shoal Light Buoy NM	2016
A-73	279.62	NM10	Narrows Island Light Buoy NM10	2016
A-73	279.45	NM5	St. Michaels Bay Light Buoy NM5	2016
A-73	279.50	NM6	St. Michaels Bay Light Buoy NM6	2016
A-73	279.60	NM7	St. Michaels Bay North Light Buoy NM7	2016
A-73	279.59	NM8	Narrows Island South Light Buoy NM8	2016
A-73	279.58	NM9	Curlew Island North Light Buoy NM9	2016
A-73	279.73	NMS	Square Island South Cardinal Light Buoy NMS	2016

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-73	269.990	NJT	Twelve Foot Rock Light Buoy(Henely Hr) NJT	NL	5030	Night	0.6m Spar Can (Long)	510	Steel	Yellow-black-yellow	Seasonal	22.00	51° 58' 52.8"	55° 51' 48"	1134	kg	Serrated	36.5	20	Chain	2
A-73	270.010	NJ1	Flat Island Rock Light Buoy NJ1	NL	5030	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	51° 59' 14.94"	55° 51' 58.62"	136	kg	Serrated	14	16	Rope	3
A-73	270.200	NW5	Williams Harbour Light Buoy NW5	NL	5179	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	10.00	52° 33' 14.82"	55° 46' 17.22"	680	kg	Serrated	18	16	Chain	2
A-73	270.250	NW7	Main Tickle Shoal Light Buoy NW7	NL	5179	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	52° 33' 48.84"	55° 52' 54.6"	136	kg	Serrated	11	16	Rope	3
A-73	270.400	NW1	Red Point Bank Light Buoy NW1	NL	5179	Night	1.4m Buoy	1811	Steel	Green	Seasonal	24.00	52° 31' 21.72"	55° 44' 21.72"	1134	kg	Serrated	45.7	20	Chain	2
A-73	270.700	NA1	Gull Rock Light Buoy NA1	NL	5179	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	12.30	52° 31' 42.6"	55° 51' 26"	680	kg	Serrated	27	16	Chain	2
A-73	270.900	NA3	Northern Ship Light Buoy NA3	NL	5179	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	31.60	52° 32' 11.52"	55° 59' 37.2"	136	kg	Serrated	42	16	Rope	3
A-73	270.920	NA5	Brandies Shoal Light Buoy NA5	NL	5179	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.80	52° 32' 40.2"	56° 2' 19.2"	136	kg	Serrated	13	16	Rope	3
A-73	270.930	NA7	Groves Island Tickle Light Buoy NA7	NL	5179	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.00	52° 32' 22.2"	56° 9' 15"	136	kg	Serrated	10	16	Rope	3
A-73	271.000	NA8	Groves Island Tickle North Light Buoy NA8	NL	5179	Night	1.4m Buoy	1811	Steel	Red	Seasonal	12.00	52° 32' 24"	56° 9' 20.8"	1134	kg	Serrated	27	20	Chain	2
A-73	271.500	NA10	Grove Island Tickle Light Buoy NA10	NL	5179	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	6.00	52° 32' 11.76"	56° 10' 45.96"	136	kg	Serrated	12.8	16	Rope	3
A-73	272.000	NA9	Groves Island Tickle South Light Buoy NA9	NL	5179	Night	1.4m Buoy	1811	Steel	Green	Seasonal	9.00	52° 32' 7"	56° 9' 33.3"	1134	kg	Serrated	18.5	20	Chain	2
A-73	276.400	NF2	Fox Harbour Light Buoy NF2	NL	5031	Night	1.4m Buoy	1811	Steel	Red	Seasonal	8.00	52° 21' 35.7"	55° 41' 41.4"	1134	kg	Serrated	15	20	Chain	2
A-73	276.500	NF3	Fox Harbour Light Buoy NF3	NL	5031	Night	1.4m Buoy	1811	Steel	Green	Seasonal	10.00	52° 21' 55"	55° 41' 4.5"	1134	kg	Serrated	18	20	Chain	2
A-73	276.700	NMS1	Captain Jacks Light Buoy NMS1	NL	5031	Night	1.4m Buoy	1811	Steel	Green	Seasonal	25.00	52° 19' 47.4"	55° 46' 48.6"	1134	kg	Serrated	40	20	Chain	2
A-73	276.750	NS2	Duck Island Shoal Light Buoy NS2	NL	5031	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	35.00	52° 18' 10.2"	55° 46' 42"	680	kg	Serrated	55	32	Rope	2
A-73	276.770	NMH2	Burnt Point Shoal Light Buoy NMH2	NL	5031	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	10.00	52° 18' 48"	55° 49' .48"	136	kg	Serrated	14.6	16	Rope	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-73	276.771	NMH4	Mary's Harbour (Inner Harbour) Light Buoy NMH4	NL	5031	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	52° 18' 37"	55° 50' 2.9"	136	kg	Serrated	7	16	Rope	3
A-73	276.772	NMH5	Mary's Harbour (Inner Harbour) Light Buoy NMH5	NL	5031	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.40	52° 18' 35.5"	55° 50' 11.4"	136	kg	Serrated	7.5	16	Rope	3
A-73	276.780	NMH3	Mary's Harbour (Inner Harbour) Light Buoy NMH3	NL	5031	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	6.00	52° 18' 35.1"	55° 50' 1.8"	136	kg	Serrated	7.5	16	Rope	3
A-73	276.900	NS	Nimrod Shoal Light Buoy NS	NL	5031	Night	1.4m Buoy	1811	Steel	Black-red-black	Seasonal	16.00	52° 16' 30.48"	55° 42' 58.98"	1134	kg	Serrated	20	20	Chain	2
A-73	277.300	NU1	Caribou Run Inner Light Buoy NU1	NL	5031	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.00	52° 14' 50"	55° 39' 1.5"	136	kg	Serrated	9	16	Rope	3
A-73	277.560	NU6	Caribou Run Mid Rock Light Buoy NU6	NL	5031	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	13.50	52° 15' 55.2"	55° 39' 49.2"	680	kg	Serrated	22	20	Chain	2
A-73	279.282	NMP2	Long Island Light Buoy NMP2	NL	5032	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	17.70	52° 42' 8.16"	55° 51' 2.58"	680	kg	Serrated	23	32	Rope	2
A-73	279.283	NMP1	Pinsent's Arm Light Buoy NMP1	NL	5032	Night	0.6m Spar Can (Long)	510	Steel	Green	Seasonal	14.60	52° 42' 6.3"	55° 50' 6.78"	1134	kg	Serrated	23	20	Chain	2
A-73	279.285	NMP4	Pinsent's Arm Entrance Light Buoy NMP4	NL	5032	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	9.00	52° 41' 18"	55° 53' 3.3"	136	kg	Serrated	12	16	Rope	3
A-73	279.286	NMP3	Pinsent's Arm Outer Light Buoy NMP3	NL	5032	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.00	52° 41' 14.4"	55° 53' 4.2"	136	kg	Serrated	11	16	Rope	3
A-73	279.450	NM5	St. Michaels Bay Light Buoy NM5	NL	5032	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.50	52° 44' .84"	55° 54' 54.48"	1134	kg	Serrated	13	20	Chain	2
A-73	279.500	NM6	St. Michaels Bay Light Buoy NM6	NL	5032	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	11.00	52° 44' 11.3"	55° 55' 21"	1134	kg	Serrated	16.5	20	Chain	2
A-73	279.580	NM9	Curlew Island North Light Buoy NM9	NL	5032	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	16.60	52° 44' 28.5"	55° 56' 4.5"	1134	kg	Serrated	20	20	Chain	2
A-73	279.590	NM8	Narrows Island South Light Buoy NM8	NL	5032	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	7.80	52° 44' 30.9"	55° 55' 56"	1134	kg	Serrated	11	20	Chain	2
A-73	279.600	NM7	St. Michaels Bay North Light Buoy NM7	NL	5032	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	11.00	52° 44' 19.8"	55° 55' 36"	1134	kg	Serrated	15	20	Chain	2
A-73	279.620	NM10	Narrows Island Light Buoy NM10	NL	5032	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	17.00	52° 44' 38.6"	55° 56' 9.5"	1134	kg	Serrated	24	20	Chain	2
A-73	279.650	NM12	Charlottetown Inner Light Buoy NM12	NL	5032	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	7.00	52° 46' 34.68"	56° 6' 56"	136	kg	Serrated	9	16	Rope	3
A-73	279.720	NM	Barr Tickle Shoal Light Buoy NM	NL	5032	Night	0.6m Spar Can (Long)	510	Steel	Yellow-black-yellow	Year Round	17.00	52° 46' 34.8"	55° 54' 14.4"	1134	kg	Serrated	25	20	Chain	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-73	279.730	NMS	Square Island South Cardinal Light Buoy NMS	NL	5032	Night	0.6m Spar Can (Long)	510	Steel	Yellow-black	Year Round	16.20	52° 46' 14.4"	55° 54' 22.2"	1134	kg	Serrated	30	16	Chain	2
A-73	279.830	NM4	The Sisters Light Buoy NM4	NL	5032	Night	0.6m Spar Conical (Long)	637	Steel	Red	Seasonal	28.00	52° 43' 3.7"	55° 49' 16.7"	1134	kg	Serrated	43	16	Chain	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Middle Labrador		
Contract Area no.:	A-74		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	Includes the area from Domino Run to Georges Island.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>		
Coast Guard Depot:	St. John's		
Commissioning date:	June 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	19		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	88		
Operational Season:	June 15th to November 30th		
Overview of work activities:	All buoys are seasonal and are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Unscheduled work includes response to discrepancies during the operational season. As there are no year-round buoys there are no scheduled mooring changes.		

Historique des pannesOutage HistoryJanvier 2009- décembre 2013January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-74	284.600	NC4	1.4m Buoy	1.4m bouée	N1420/10	Extinguished / Éteinte	10/08/2010	2
A-74	284.710	NC6	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1821/10	Extinguished / Éteinte	25/10/2010	2
A-74	284.100	NCT	1.4m Buoy	1.4m bouée	N1072/12	Off Position / Hors Position	03/06/2012	2
A-74	284.400	NC2	0.6m SB 60 Spar Conical PI	0.6m SB 60 espar conique PI	N1603/12	Extinguished / Éteinte	19/08/2012	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-74	280.010	NE3	Squasho North Light Buoy NE3	NL	5033	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	11.00	53° 4' 46.5"	55° 52' 14.82"	136	kg	Serrated	13	16	Rope	3
A-74	280.011	NE2	Deer Pass Light Buoy NE2	NL	5033	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.50	53° 4' 43.86"	55° 52' 11.7"	136	kg	Serrated	10.5	16	Rope	3
A-74	280.020	NKF	The Feather Bed Light Buoy NKF	NL	4702	Night	1.4m Buoy	1811	Steel	Black-yellow	Seasonal	38.00	53° 7' 35.7"	55° 45' 40.7"	1134	kg	Serrated	46	20	Chain	2
A-74	280.130	NLW	Walker Island Light Buoy NLW	NL	4703	Night	1.4m Buoy	1811	Steel	Yellow-black-yellow	Seasonal	49.50	53° 18' 50.16"	55° 45' 6.66"	680	kg	Serrated	64	20	Chain	2
A-74	280.160	NB2	Toole Rock Light Buoy NB2	NL	4744	Night	1.4m Buoy	1811	Steel	Red	Seasonal	9.00	53° 23' 45.8"	55° 45' 20.5"	1134	kg	Serrated	27.5	20	Chain	2
A-74	280.400	NL5	Punchbowl Channel Light Buoy NL5	NL	5080	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	7.50	53° 15' 9.5"	55° 45' 6"	136	kg	Serrated	9	16	Rope	3
A-74	280.910	NBT1	Black Tickle Light Buoy NBT1	NL	4745	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	21.50	53° 27' 7.17"	55° 45' 49.49"	680	kg	Serrated	36.5	20	Chain	2
A-74	281.800	N14	Indian Tickle North Light Buoy N14	NL	4745	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	8.50	53° 33' 35.28"	55° 59' 23.46"	136	kg	Serrated	11	16	Rope	3
A-74	281.900	N15	White Rowsel Shoal Light Buoy N15	NL	4745	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	8.80	53° 33' 32.28"	55° 59' 42.558"	136	kg	Serrated	10	16	Rope	3
A-74	284.100	NCT	Tinker Rock Light Buoy NCT	NL	5134	Night	1.4m Buoy	1811	Steel	Yellow-black	Seasonal	88.00	53° 48' 33"	56° 34' 54"	1134	kg	Serrated	109	20	Chain	2
A-74	284.300	NC1	Hare Rock Light Buoy NC1	NL	5138	Night	1.4m Buoy	1811	Steel	Green	Seasonal	39.00	53° 46' 10.02"	56° 48' 42.8591"	1134	kg	Serrated	54	20	Chain	2
A-74	284.351	NX2	Packs Harbour Approaches Light Buoy NX2	NL	5134	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.50	53° 51' 12.9"	56° 59' 11.46"	136	kg	Serrated	10	16	Rope	3
A-74	284.352	NX1	Packs Harbour Approaches Light Buoy NX1	NL	5134	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	5.00	53° 51' 18.2"	56° 59' 24.42"	136	kg	Serrated	7	16	Rope	3
A-74	284.400	NC2	Crab Head Light Buoy NC2	NL	5138	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	8.90	53° 44' 51.6"	56° 55' 1.8"	680	kg	Serrated	18.2	14	Chain	2
A-74	284.450	NCD2	Divers Island Light Buoy NCD2	NL	5138	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	4.20	53° 42' 35.4"	57° 6' 17.4"	136	kg	Serrated	5.5	16	Rope	3
A-74	284.500	NC5	Cartwright Light Buoy NC5	NL	5138	Night	1.4m Buoy	1811	Steel	Green	Seasonal	15.00	53° 42' 10"	57° 2' 7"	1134	kg	Serrated	27.5	20	Chain	2
A-74	284.600	NC4	Cartwright Light Buoy NC4	NL	5138	Night	1.4m Buoy	1811	Steel	Red	Seasonal	15.00	53° 43' .42"	57° 1' 35.76"	1134	kg	Serrated	27	20	Chain	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-74	284.710	NC6	Cartwright Light Buoy NC6	NL	5138	Night	0.6m SB 60 Spar Conical Pl		Plastic	Red	Seasonal	11.90	53° 42' .06"	57° 1' 11.58"	680	kg	Serrated	12	16	Chain	2
A-74	284.800	NCH2	Hatten Shoal Light Buoy NCH2	NL	5138	Night	1.4m Buoy	1811	Steel	Red	Seasonal	17.50	53° 39' 29.16"	57° 4' 24.42"	1134	kg	Serrated	28	20	Chain	2

APPENDIX A.3 Atlantic / LIST OF BUOYS BY CONTRACT AREA

Contract Area Overview.

Contract Area name:	Labrador Groswater Bay Lake Melville		
Contract Area no.:	A-75		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	Includes the area from Georges Island to Goose Bay.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG depot at end of operational season (shipping paid by CCG).</i>		
Coast Guard Depot:	St. John's		
Commissioning date:	June 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	31		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	41		
Operational Season:	June 15th to November 30th		
Overview of work activities:	17 buoys are 'year round', 14 are 'seasonal'. All are equipped with lanterns. For seasonal buoys, commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. At Commissioning, work includes position verification of buoys and, as required, replacement of tape & numbers. The work also includes planned cyclical mooring replacement on a 3 year cycle; next change year is 2015. work relates to year round buoys only. Unscheduled work includes response to discrepancies during the operational season.		

Historique des pannesOutage History

Janvier 2009- décembre 2013

January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-75	316.000	H32	0.6m Spar Conical (Long)	0.6m espar conique (Long)	N1536/09	Extinguished / Éteinte	27/08/2009	2
A-75	290.310	HR1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1623/09	Off Position / Hors Position	03/08/2009	3
A-75	304.000	H12	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1368/10	Extinguished / Éteinte	31/07/2010	2
A-75	306.000	H14	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1369/10	Extinguished / Éteinte	31/07/2010	2
A-75	308.000	H18	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1370/10	Extinguished / Éteinte	31/07/2010	2
A-75	303.000	H10	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1860/10	Off Position / Hors Position	03/11/2010	2
A-75	303.000	H10	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N2032/10	Extinguished / Éteinte	22/11/2010	2
A-75	307.600	H16	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N776/11	Extinguished / Éteinte	30/05/2011	2
A-75	304.000	H12	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N775/11	Extinguished / Éteinte	30/05/2011	2
A-75	303.000	H10	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N774/11	Extinguished / Éteinte	30/05/2011	2
A-75	309.000	H17	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N777/11	Extinguished / Éteinte	30/05/2011	2
A-75	307.600	H16	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1820/11	Extinguished / Éteinte	17/11/2011	2
A-75	290.310	HR1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1384/11	Off Position / Hors Position	13/09/2011	3
A-75	307.600	H16	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1501/11	Reduced Intensity / Intensité réduite	08/10/2011	2
A-75	307.000	H13	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1125/12	Extinguished / Éteinte	07/06/2012	2
A-75	304.000	H12	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1126/12	Extinguished / Éteinte	07/06/2012	2
A-75	307.600	H16	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N1127/12	Off Position / Hors Position	07/06/2012	2
A-75	317.000	H33	0.6m Spar Can (Long)	0.6m espar plate (Long)	N1464/12	Partially Submerged / Partiellement Submergée	24/07/2012	2
A-75	305.000	H11	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N813/13	Partially Submerged / Partiellement Submergée	20/05/2013	2
A-75	305.000	H11	0.6m plastique Ice Spar (21ft. long)	0.6m eespar de glace (21 pi.) PL	N814/13		20/05/2013	2
A-76	319.400	NY1	0.3m Spar Can-plastique (ORT)	0.3m espar plate-plastique (ORT)	N1335/09	Extinguished / Éteinte	24/07/2009	3

Contract Area	List of Light No	Aid Id	Aid Name	Next planned mooring change year
Zone de contrat	No du Livre des Feux	Code de l'aide	Nom de l'aide	Prochain changement d'orin prévu
A-75	303.00	H10	Sandy Point Turning Light Buoy H10	2017
A-75	305.00	H11	Sandy Point Channel Light Buoy H11	2017
A-75	304.00	H12	Sandy Point Channel Light Buoy H12	2016
A-75	307.00	H13	Sandy Point Channel Light Buoy H13	2017
A-75	306.00	H14	Sandy Point Channel Light Buoy H14	2017
A-75	307.30	H15	Sandy Point Channel Light Buoy H15	2017
A-75	307.60	H16	Sandy Point Channel Light Buoy H16	2017
A-75	309.00	H17	Sandy Point Channel Light Buoy H17	2017
A-75	308.00	H18	Sandy Point Channel Light Buoy H18	2016
A-75	311.00	H20	Rabbit Island Light Buoy H20	2015
A-75	313.60	H27	Groves Point Entrance Light Buoy H27	2015
A-75	315.00	H29	Terrington Narrows Channel Light Buoy H29	2015
A-75	314.00	H30	Terrington Narrows Channel Light Buoy H30	2015
A-75	316.00	H32	Terrington Narrows Channel Light Buoy H32	2015
A-75	317.00	H33	Terrington Narrows Channel Light Buoy H33	2015
A-75	297.50	H7	EpINETTE Point Light Buoy H7	2017
A-75	297.60	H8	North West Point Light Buoy H8	2017

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-75	285.200	HM	Old Man Shoal Light Buoy HM	NL	5135	Night	1.4m Buoy	1811	Steel	Black-yellow-black	Seasonal	30.00	54° 9' 24.06"	57° 18' 50.58"	1134	kg	Serrated	46	20	Chain	2
A-75	290.000	H1	Man Of War Rock Light Buoy H1	NL	4724	Night	1.4m Buoy	1811	Steel	Green	Seasonal	34.00	54° 13' 19.74"	58° 20' 3.18"	1134	kg	Serrated	55	20	Chain	2
A-75	290.310	HR1	Dart Rock Light Buoy HR1	NL	4724	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	3.70	54° 10' 52.34"	58° 25' 27.9"	136	kg	Serrated	7.3	16	Rope	3
A-75	295.000	H2	Lareto Shoal Light Buoy H2	NL	4725	Night	1.4m Buoy	1811	Steel	Red	Seasonal	41.00	53° 58' 38.802"	58° 45' 50.37"	1134	kg	Serrated	36.5	20	Chain	2
A-75	297.000	H4	Cartier Shoal Light Buoy H4	NL	4728	Night	1.4m Buoy	1811	Steel	Red	Seasonal	15.00	53° 35' 48.6"	59° 50' 53.4"	1134	kg	Serrated	27	20	Chain	2
A-75	297.400	H6	Blake Shoal Light Buoy H6	NL	4728	Night	0.6m Spar Conical (Long)	637	Steel	Red	Seasonal	27.00	53° 34' 21.59"	59° 56' 41.36"	1134	kg	Serrated	36.5	20	Chain	2
A-75	297.500	H7	EpINETTE Point Light Buoy H7	NL	4728	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	30.00	53° 31' 20.59"	59° 56' 56.36"	1134	kg	Serrated	40	20	Chain	2
A-75	297.510	HC1	Southern EpINETTE Shoal Light Buoy HC1	NL	4728	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	10.00	53° 29' 45"	59° 56' 42"	136	kg	Serrated	12	16	Rope	3
A-75	297.520	HC2	Carter Basin Outside Light Buoy HC2	NL	4728	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	53° 30' .48"	59° 53' 12.9"	136	kg	Serrated	2.8	16	Rope	3
A-75	297.530	HC4	Carter Basin Inside Light Buoy HC4	NL	4728	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	1.80	53° 29' 57.78"	59° 52' 49.66"	136	kg	Serrated	2.8	16	Rope	3
A-75	297.600	H8	North West Point Light Buoy H8	NL	4728	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	21.00	53° 30' 2.4"	60° 0' 25.2"	1134	kg	Serrated	31	16	Chain	2
A-75	298.000	HN1	North West River Entrance Light Buoy HN1	NL	4728	Night	1.4m Buoy	1811	Steel	Green	Seasonal	21.00	53° 31' 23.4"	60° 7' 7.2"	1134	kg	Serrated	45	20	Chain	2
A-75	298.300	HN3	River Center Shoal Light Buoy HN3	NL	4728	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	2.40	53° 31' 16.98"	60° 7' 58.44"	136	kg	Serrated	4	To Be Fixed	Rope	3
A-75	303.000	H10	Sandy Point Turning Light Buoy H10	NL	4728	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	24.00	53° 27' 21.5"	59° 57' 26.4"	1134	kg	Serrated	55	20	Chain	2
A-75	304.000	H12	Sandy Point Channel Light Buoy H12	NL	4728	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	11.00	53° 26' 13.14"	59° 58' 43.38"	1134	kg	Serrated	28	20	Chain	2
A-75	305.000	H11	Sandy Point Channel Light Buoy H11	NL	4728	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	10.60	53° 26' 8.99"	59° 58' 32.96"	1134	kg	Serrated	28	20	Chain	2
A-75	306.000	H14	Sandy Point Channel Light Buoy H14	NL	4728	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	8.80	53° 25' 41.51"	59° 59' 44.36"	1134	kg	Serrated	28	20	Chain	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Anchor			Mooring			Importance
															Size	UOM	Type	Length (m)	Size in mm	Type	
A-75	307.000	H13	Sandy Point Channel Light Buoy H13	NL	4728	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	9.50	53° 25' 39"	59° 59' 33"	1134	kg	Serrated	28	20	Chain	2
A-75	307.300	H15	Sandy Point Channel Light Buoy H15	NL	4728	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	11.00	53° 25' 24"	60° 0' 1.02"	1134	kg	Serrated	28	20	Chain	2
A-75	307.600	H16	Sandy Point Channel Light Buoy H16	NL	4728	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	9.00	53° 25' 25.2"	60° 0' 9"	1134	kg	Serrated	28	20	Chain	2
A-75	308.000	H18	Sandy Point Channel Light Buoy H18	NL	4728	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Red	Year Round	13.00	53° 25' 3.6"	60° 0' 47.4"	1134	kg	Serrated	28	20	Chain	2
A-75	309.000	H17	Sandy Point Channel Light Buoy H17	NL	4728	Night	0.6m Plastic Ice Spar (21ft. long)		Plastic	Green	Year Round	13.00	53° 25' 3.3"	60° 0' 38.88"	1134	kg	Serrated	28	20	Chain	2
A-75	311.000	H20	Rabbit Island Light Buoy H20	NL	4728	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	17.80	53° 23' 4.2"	60° 11' 18"	1134	kg	Serrated	55	20	Chain	2
A-75	312.000	H22	Birch Island Light Buoy H22	NL	4728	Night	1.4m Buoy	1811	Steel	Red	Seasonal	35.00	53° 22' 51.6"	60° 15' 24.6"	1134	kg	Serrated	55	20	Chain	2
A-75	313.000	H23	Chaulk Point Light Buoy H23	NL	4728	Night	1.4m Buoy	1811	Steel	Green	Seasonal	31.00	53° 21' 48"	60° 17' 17.4"	1134	kg	Serrated	38	20	Chain	2
A-75	313.500	H25	Grebe Point Light Buoy H25	NL	4728	Night	1.4m Buoy	1811	Steel	Green	Seasonal	20.00	53° 21' 22.2"	60° 18' 53.4"	1134	kg	Serrated	28	20	Chain	2
A-75	313.600	H27	Groves Point Entrance Light Buoy H27	NL	4722	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	9.00	53° 21' 1.48"	60° 20' 57.13"	1134	kg	Serrated	12	20	Chain	2
A-75	314.000	H30	Terrington Narrows Channel Light Buoy H30	NL	4722	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	10.00	53° 21' 2.52"	60° 21' 11.46"	1134	kg	Serrated	28	20	Chain	2
A-75	315.000	H29	Terrington Narrows Channel Light Buoy H29	NL	4722	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	10.00	53° 20' 59.86"	60° 21' 9.43"	1134	kg	Serrated	28	20	Chain	2
A-75	316.000	H32	Terrington Narrows Channel Light Buoy H32	NL	4722	Night	0.6m Spar Conical (Long)	637	Steel	Red	Year Round	13.20	53° 21' .28"	60° 21' 34.08"	1134	kg	Serrated	28	20	Chain	2
A-75	317.000	H33	Terrington Narrows Channel Light Buoy H33	NL	4722	Night	0.6m Spar Can (Long)	510	Steel	Green	Year Round	11.00	53° 20' 57.3"	60° 21' 33.84"	1134	kg	Serrated	28	20	Chain	2

Contract Area name:	Northern Labrador		
Contract Area no.:	A-76		
Province(s):	Newfoundland and Labrador		
Contract Area Description:	Includes the area from Nain to Hopedale.		
Material Transportation & Storage	Material storage by: Contractor Material Transportation by: Canadian Coast Guard <i>Lanterns to be returned to CCG deport at end of operational season (shipping paid by CCG).</i>		
Coast Guard Depot:	St. John's		
Commissioning date:	June 15th		
Decommissioning date:	November 30th		
Total no. of buoys:	20		
Max. buoy size(m) diameter :	1.4		
Maximum anchor size (weight (kg)):	1134		
Maximum buoy weight (kg) :	1811		
Maximum water depth (m) :	52		
Operational Season:	June 15th to November 30th		
Overview of work activities:	All buoys are seasonal and are equipped with lanterns. Commissioning work includes placing of the buoy and verifying position; decommissioning work includes lifting of complete buoy assembly. Unscheduled work includes response to discrepancies during the operational season. As there are no year-round buoys there are no scheduled mooring changes.		

Historique des pannesOutage HistoryJanvier 2009- décembre 2013January 2009 - December 2013

Contract Area	List of Light No	Aid Id	Type of Aid		First NOTSHIP No	Reason	Date	Importance
Zone de contrat	No du Livre des Feux	Code de l'aide	Type d'aide		Premier no AVNAV	Raison	Date	Importance
A-76	321.620	NHH	1.4m Buoy	1.4m bouée	N1336/09	Extinguished / Éteinte	24/07/2009	2
A-76	323.491	NV2	0.3m Spar-Conical plastique (ORT)	0.3m espar-conique plastique (ORT)	N1400/11	Not Reliable / pas fiable	18/09/2011	3

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-76	319.400	NY1	Harrys Reef Light Buoy NY1	NL	5046	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	12.00	54° 55' 8.28"	59° 43' 58.5"	136	kg	Serrated	16	16	Rope	3
A-76	321.400	NH1	Hopedale Harbour Light Buoy NH1	NL	5047	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	9.50	55° 27' 13.31"	60° 12' 55.86"	136	kg	Serrated	11.5	16	Rope	3
A-76	321.450	NH2	Hopedale Harbour Light Buoy NH2	NL	5047	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	3.70	55° 27' 22.59"	60° 12' 59.92"	136	kg	Serrated	9.5	16	Rope	3
A-76	321.620	NHH	Hopedale Shoal Light Buoy NHH	NL	5047	Night	1.4m Buoy	1811	Steel	Yellow-black-yellow	Seasonal	15.00	55° 27' 23.152"	60° 11' 54.663"	1134	kg	Serrated	18.3	20	Chain	2
A-76	321.730	NHN2	Napojotalik Shoal Light Buoy NHN2	NL	5047	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	14.00	55° 24' 15.605"	59° 57' 29.982"	136	kg	Serrated	18	16	Rope	3
A-76	321.770	NH	Seneraluk Rock Light Buoy(Hopedale) NH	NL	5047	Night	0.6m Spar Can (Long)	510	Steel	Black-yellow-black	Seasonal	11.00	55° 27' 30.428"	60° 12' 1.677"	1134	kg	Serrated	20	20	Chain	2
A-76	322.800	NVW2	Windy Tickle Light Buoy NVW2	NL	5048	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	9.00	55° 45' 33.3"	60° 19' 40.2"	680	kg	Serrated	11	16	Chain	2
A-76	323.490	NT2	Pigeon Island Light Buoy(Inlet) NT2	NL	5049	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	10.00	56° 2' 27.24"	61° 14' 2.4"	680	kg	Serrated	12.8	16	Chain	2
A-76	323.491	NV2	Uyagaksuak Rock Light Buoy NV2	NL	5049	Night	0.3m Spar-Conical Plastic (ORT)	65	Plastic	Red	Seasonal	25.00	55° 56' 55.8"	61° 3' 39"	136	kg	Serrated	27	16	Rope	3
A-76	323.510	NT1	Pigeon Island Light Buoy NT1	NL	5049	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	11.00	56° 2' 23.88"	61° 14' 20.4"	680	kg	Serrated	14	16	Chain	2
A-76	323.520	NT3	Tom Gears Run South Light Buoy NT3	NL	5049	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	21.00	56° 6' 20.4"	61° 14' 54"	680	kg	Serrated	27.4	16	Chain	2
A-76	323.521	NT4	Tom Gears Run Light Buoy NT4	NL	5049	Night	0.6m SB 60 Spar Conical PI		Plastic	Red	Seasonal	12.80	56° 6' 58.8"	61° 13' 37.8"	680	kg	Serrated	15	16	Chain	2
A-76	323.530	NT5	Tom Gears Run North Light Buoy NT5	NL	5049	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	17.00	56° 7' 21.54"	61° 12' 37.62"	680	kg	Serrated	22	16	Chain	2
A-76	323.540	NT7	Perrett's Tickle Light Buoy NT7	NL	5049	Night	0.6m SB 60 Spar Can PI		Plastic	Green	Seasonal	27.50	56° 8' 51"	61° 14' 37.5"	680	kg	Serrated	45.7	14	Chain	2
A-76	324.660	NNA2	Sandy Island Shoal Light Buoy NNA2	NL	5052	Night	1.4m Buoy	1811	Steel	Red	Seasonal	52.00	56° 23' 47.28"	61° 7' 50.56"	1134	kg	Serrated	82	20	Chain	2
A-76	324.710	NNB3	Bridges Passage Light Buoy NNB3	NL	5052	Night	0.6m Spar Can (Long)	510	Steel	Green	Seasonal	10.60	56° 27' 9.6"	61° 33' 58.2"	1134	kg	Serrated	18.2	20	Chain	2
A-76	324.720	NNB2	Palungitak Light Buoy(Bridges Passage) NNB2	NL	5052	Night	0.6m Spar Conical (Long)	637	Steel	Red	Seasonal	10.00	56° 26' 58.1"	61° 33' 24.3"	1134	kg	Serrated	14.6	20	Chain	2

APPENDIX C.3, ATLANTIC REGION

BUOY DATA

															Anchor			Mooring			
Contract Area	List of Light No	Aid Id	Aid Name	Prov.	Main Chart No	Light Type	Type of Aid	Weight (kg)	Aid Material	Colour	Service	Depth (m)	Latitude	Longitude	Size	UOM	Type	Length (m)	Size in mm	Type	Importance
A-76	324.830	NNB5	Jenks Rock Light Buoy NNB5	NL	5052	Night	0.3m Spar Can-Plastic (ORT)	65	Plastic	Green	Seasonal	20.10	56° 28' 25.5"	61° 39' 3.3"	136	kg	Serrated	23	16	Rope	3
A-76	325.100	NNS2	Strathcona Run Light Buoy (Nain) NNS2	NL	5052	Night	1.4m Buoy	1811	Steel	Red	Seasonal	50.00	56° 32' 9"	61° 22' 9"	1134	kg	Serrated	69	20	Chain	2
A-76	325.200	NNS3	Strathcona Run Light Buoy, Labrador NNS3	NL	5052	Night	0.6m SB 60 Spar Can Pl		Plastic	Green	Seasonal	31.00	56° 33' 42.7"	61° 35' 45"	680	kg	Serrated	27	20	Chain	2