



TOWER SPECIFICATIONS

Site:	EGG ISLAND
Latitude-NAD83	51.2482083 N
Longitude-NAD83	-127.83371W
Design Standard:	CSA S37-13
Design Wind:	Refer to Environment Canada Wind Analysis - July 04, 2016
Design Ice:	25mm (Class II)
Reliability:	Class I
Serviceability:	1.0
Antenna Twist/Tilt:	0.5°
Tower Type:	Self Support - Triangular in cross section
Tower Height:	24.4m (80'-0")
Tower Section Height:	3.048m (10'-0")
Paint:	N/A
Lights:	Marine Navigation Aid Lights
Ice Guard:	N/A
Safety Climb:	Climb Ladder c/w Tylon Cougar Rail
Anticlimb:	None
Lightning Protection:	Lightning Rod to provide 45° protection for top antenna
Tx Brackets:	Tx Brackets on both non climb faces - 6 line capacity each OR Tx Brackets on either side of ladder rail - 6 line capacity each
Antenna Mounts:	Required for All initial antennas.

NOTE:

1.0 DESIGN CRITERIA FOR TRANSPORT AND ERECTION BY HELICOPTER. MAXIMUM LIFT WEIGHT NOT TO EXCEED 1400LBS. ALL WELD OR KNOCK DOWN DESIGN ACCEPTABLE.

2.0 TOWER TO BE SHIPPED BUNDLED IN LIFTS WITH WEIGHTS CLEARLY MARKED FOR HELICOPTER TRANSPORT TO SITE.

Fisheries and Oceans Canada
Pêches et Océans Canada
Canadian Coast Guard
Garde côtière Canadienne

designed - conception	date	checked - vérifié	date				
VT	2017-05-26						
drawn - dessiné	date	approved - approuvé	date				
VT	2017-05-26						
CCG ref. no. - no. réf. GCC	scale - échelle	rev	description	by par	Date		
15450	1 : 125						

Asset - Actif
EGG ISLAND, B.C.
VHF PERIPHERAL RADIO STATION

Drawing - Dessin	ANTENNA LAYOUT AND SPECIFICATIONS	
drawing no. - no. dessin	sheet-feuille	rev
15450	1 of 1	0