

SURVEY NOTES

SURVEY PARTY CHIEF: DARRYL GREEN
SURVEY VESSEL: SCOTIA SURVEYOR
SURVEY DATE(S): MARCH 8-9 & 31, 2016
SOUNDER TYPE: ROSS - SWEEP SYSTEM
SOUNDER SETTING: N/A
DEPTH GATE USED: N/A
POSITIONING SYSTEM USED: TRIMBLE 5700 RTK
LAND SURVEY POSITION BY: TRIMBLE 5700 RTK
RAW DATA FILE(S): GLOB81MK.ZIP
CAD DRAWING FILE(S): GLOB81A.DWG
TIDAL REDUCTION SCHEME: PWC TBM, TOP OF CONCRETE DECK, ELEV. 3.07m ABOVE C.D.; REF. TO CHS BM 87N8155, GLACE BAY, ELEV. 3.573m ABOVE C.D.
OFFICE PROCESSOR: C. RICHARD
DATE OF PROCESSING: APRIL 2016
MODE OF PLOTTING: AVERAGE DEPTHS
MATRIX CELL WIDTH X LENGTH: 1.2m x 3.0m
CONTROL POINTS:
PL NAME EASTING NORTHING HORIZONTAL REF. CD ELEV VERTICAL REF. DESCRIPTION
87N8154 272944.280 5120237.213 N/A N/A CHS MONUMENT DESTROYED
PARK 272578.045 5120170.677 N/A N/A
SUP 272374.740 5120008.677 GPS NSCM 2.21 LEVEL CHS NAIL IN DECK (Revised October 25, 2012)
AUTHORITY 272286.435 5119844.405 GPS NSCM 2.83 LEVEL CHS BOLT IN DECK (Revised October 25, 2012)
WEST 272221.622 5119972.635 GPS NSCM N/A N/A BOLT IN DECK (Revised October 25, 2012)
TBM 272484.513 5120253.871 GPS NSCM 3.07 LEVEL CHS PWC BENCHMARK (TOP OF CURB (Revised October 25, 2012))

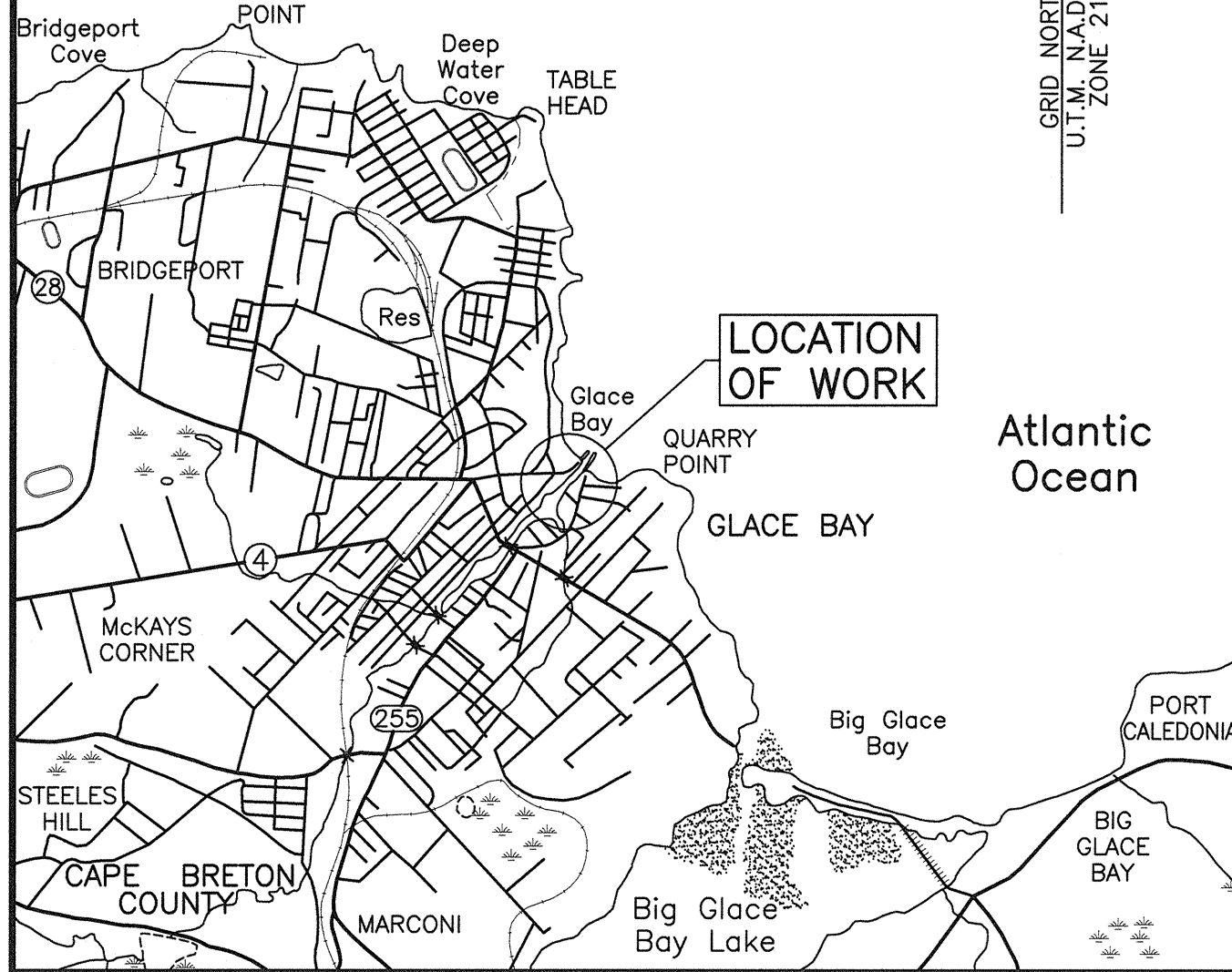
LEGEND

- TEMPORARY BENCHMARK
- CONTROL POINT
- UTILITY POLE
- MANHOLE
- DERRICK
- CATCH BASIN

CHART

SCALE 1:50000

Gulf of St. Lawrence



NOTES:

- THE WORK UNDER THIS CONTRACT CONSISTS OF, BUT IS NOT LIMITED TO, THE FOLLOWING:
 - DREDGING OF AREA A TO 3.0 METRES BELOW CHART DATUM AND AREA B (ENTRANCE CHANNEL) TO 4.0 METRES BELOW CHART DATUM INCLUDING SIDE SLOPES INDICATE ON SECTIONS AND THE TRANSPORTATION AND DISPOSAL OF DREDGE MATERIAL TO DESIGNATED DISPOSAL SITE.
 - DREDGE MATERIAL TO BE DISPOSED OF AT DFO-SCH DISPOSAL FACILITY LOCATED ALONG HINCHKEY AVENUE IN NEW WATERFORD (LINCOLN), NS AND WILL INCLUDE THE CONSTRUCTION OF A NEW BERM AS REQUIRED USING INSITU MATERIAL.
 - DREDGING OPERATIONS ARE NOT TO UNDERMINE THE EXISTING BREAKWATERS.
 - ELEVATIONS REFER TO BENCHMARK, TBM (TOP OF CURB OF PUBLIC WHARF), WHERE INDICATED ON LOCATION PLAN, WITH AN ELEVATION OF 3.07 METRES ABOVE CHART DATUM.
 - GRID NORTH REFERS TO UNIVERSAL TRANSVERSE MERCATOR PROJECTION COORDINATES, NORTH AMERICAN DATUM 1983, ZONE 21.
 - CHART DATUM IS, BY INTERNATIONAL AGREEMENT, A PLANE BELOW WHICH THE TIDE WILL SELDOM FALL. THE CANADIAN HYDROGRAPHIC SERVICE HAS ADOPTED THE PLANE OF LOWEST NORMAL TIDE (L.N.T.) AS CHART DATUM. AS THE RISE, FALL AND RANGE OF TIDES VARIES DAILY, THE CANADIAN TIDE AND CURRENT TABLES, AS ISSUED BY THE CANADIAN HYDROGRAPHIC SERVICE, SHOULD BE CONSULTED WITH PREDICTIONS AND OTHER TIDAL INFORMATION RELATING TO WORK.
 - DREDGE SIDE SLOPES AT 1 VERTICAL TO 2 HORIZONTAL.
 - PRIOR TO ANY REMOVAL/REINSTALLATION OF NAVIGATIONAL AIDS/BUOYS, CONTACT CANADIAN COAST GUARD IN CHARLOTTETOWN AT 1-902-566-7936.
 - ALL DIMENSIONS SHOWN ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES. DO NOT SCALE FROM DRAWINGS, FIGURED DIMENSIONS ARE TO BE FOLLOWED.
 - THE CONTRACTOR IS TO EXERCISE EXTREME CAUTION WHEN OPERATING HEAVY EQUIPMENT ON THE PUBLIC WHARF.

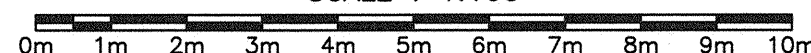
PLAN VIEW

SCALE: 1:500



SECTION

SCALE: 1:100



SECTION

SCALE: 1:100



0	ISSUED FOR TENDER	JUNE 2016
revisions		date
project		project
CHANNEL REDREDGING GLACE BAY CAPE BRETON COUNTY NOVA SCOTIA		
drawing		design
DREDGE PLAN AND SECTIONS		
designed	R. GALANTE	concur
date	JUNE 2016	
drawn	R.L. SMELTZER	desind
date	JUNE 2016	
approved		approved
drawn		drawn
Tender		Soumission
PWOSC Project Manager		Administrateur de projet PWOSC
Project number		no. du projet
		R.082415.001
drawing no.		no. du dessin
		Sht.1 of 2