

**SURVEY NOTES**  
SURVEY PARTY CHIEF: DARRYL GREEN  
SURVEY VESSEL: N/A  
SURVEY DATE(S): DECEMBER 2-3, 2013  
SOUNDER TYPE: N/A  
SOUNDER SETTING: N/A  
DEPTH GATE USED: N/A  
POSITIONING SYSTEM USED: N/A  
LAND SURVEY POSITION BY: N/A  
RAW DATA FILE(S): MPD3377P.ZIP  
CAD DRAWING FILE(S): MPD3377P.DWG  
TIDAL REDUCTION SCHEME: PWC BM, TOP OF CONCRETE STEPS AT SOUTHWEST CORNER OF FISH PLANT, ELEV. 3.12m ABOVE C.D. REF. TO CHS BM 170-M 26.62m ABOVE C.D.

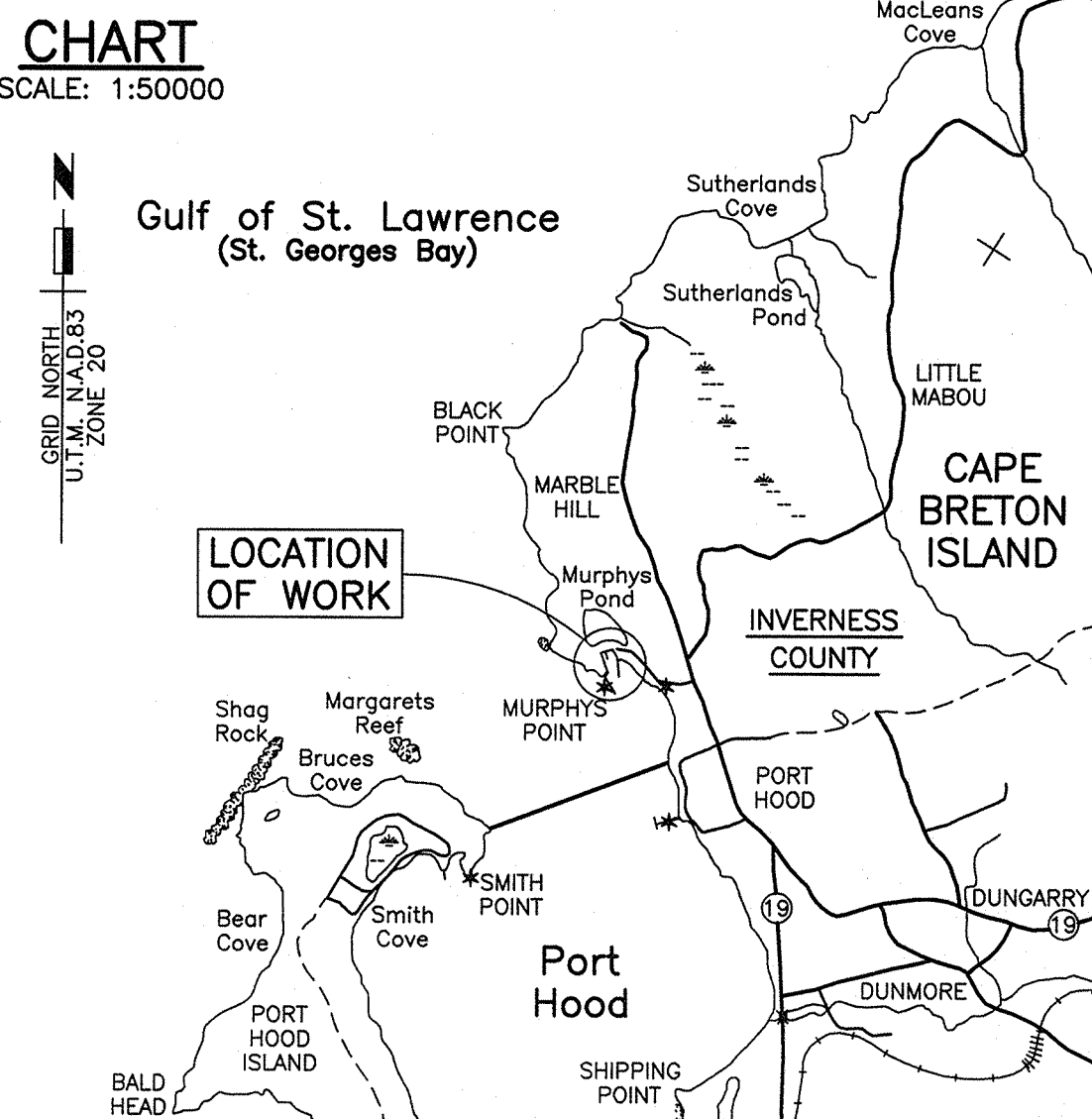
OFFICE PROCESSOR: C. RICHARD  
DATE OF PROCESSING: DECEMBER 6, 2013  
MODE OF PLOTTING: N/A  
MATRIX CELL WIDTH X LENGTH: N/A

CONTROL POINTS:  
PL NAME EASTING NORTHING CD ELEV DESCRIPTION  
D 612591.250 5098100.122 2.54 PWC CONTROL  
WHARF 170-M D N/A N/A 26.62 PWC CONTROL CHS BM

**SURVEY NOTES**  
SURVEY PARTY CHIEF: DARRYL GREEN  
SURVEY VESSEL: SCOTIA SURVEYOR  
SURVEY DATE(S): MAY 30, 2013  
SOUNDER TYPE: ROSS SWEEP SYSTEM  
SOUNDER SETTING: AVG/MST VEL. OF SOUND 1478m/s  
DEPTH GATE USED: N/A  
POSITIONING SYSTEM USED: DGPS TRIMBLE 5700  
LAND SURVEY POSITION BY: TRIMBLE 5700  
RAW DATA FILE(S): MPD50.ZIP  
CAD DRAWING FILE(S): MPD150A.DWG  
TIDAL REDUCTION SCHEME: PWC BM, TOP OF CONCRETE STEPS AT SOUTHWEST CORNER OF FISH PLANT, ELEV. 3.12m ABOVE C.D. REF. TO CHS BM 170-M 26.62m ABOVE C.D.

OFFICE PROCESSOR: DAVID MELANSON  
DATE OF PROCESSING: JUNE 7, 2013  
MODE OF PLOTTING: AVERAGE DEPTHS  
MATRIX CELL WIDTH X LENGTH: 1.2 BY 3.0m

CONTROL POINTS:  
PL NAME EASTING NORTHING CD ELEV DESCRIPTION  
D 612591.250 5098100.122 2.54 PWC CONTROL  
WHARF 170-M N/A N/A 26.62 PWC CONTROL CHS BM



- LEGEND**
- ⊕ A COORDINATE POINT
  - PP UTILITY POLE
  - △ A SURVEY TRAVERSE POINT
  - ⊕ NAVIGATION LIGHT
  - ⊕ A COORDINATE POINT
  - ⊕ SOUNDING
  - AREA OF NEW WORK
  - DREDGE AREA

HORIZONTAL CONTROL POINTS		
MARK	EASTING	NORTHING
A	E 612 694.101	N 5 098 121.288
B	E 612 695.769	N 5 098 028.858
C	E 612 696.004	N 5 098 015.860
D	E 612 660.325	N 5 097 956.384
E	E 612 574.217	N 5 098 063.353

DREDGE COORDINATES		
MARK	EASTING	NORTHING
F	E 612 679.923	N 5 098 075.580
G	E 612 654.927	N 5 098 075.128
H	E 612 655.935	N 5 098 019.287
J	E 612 690.959	N 5 097 948.240
K	E 612 708.898	N 5 097 957.083
L	E 612 681.042	N 5 098 013.590

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

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revisions

project

**BREAKWATER RECONSTRUCTION MURPHY'S POND INVERNESS COUNTY NOVA SCOTIA**

drawing

designed Barry Perroult

date October 2014

drawn George Prosper

date October 2014

approved

date

Tender

PWSSC Project Manager Administrateur de projets TPSGC

project number

**R.068786.001**

drawing no.

**Sht 1 of 2**

E-DRM/GDD-E: 487965 Version 1