



DREDGE COORDINATES		
MARK	EASTING	NORTHING
A	E 678 241.321	N 4 959 041.216
B	E 678 285.287	N 4 959 020.700
C	E 678 285.750	N 4 958 943.110
D	E 678 258.546	N 4 958 933.680
E	E 678 182.742	N 4 958 990.729
F	E 678 225.730	N 4 959 009.288

NOTES

SURVEY PARTY CHIEF GERALD SPEAR  
SURVEY VESSEL SCOTIA SURVEYOR,MIRAMICHI SURVEYOR  
SURVEY DATE(S) JUNE 2006 & JUNE 2008

SOUNDER TYPE: SWEEP SYSTEM  
SOUNDER SETTING: MIN/INST VEL. OF SOUND 1462 m/s & 1484 m/s  
DEPTH GATE USED 1.5m FRE. OF TRANS. 210 KHZ

POSITIONING SYSTEM USED DGPS TRIMBLE 5700  
LAND SURVEY POSITION BY TRIMBLE 5700

RAW DATA FILE(S): NHD175.ZIP  
CAD DRAWING FILE(S): NHD175M.DWG

TIDAL REDUCTION SCHEME PWC BM TOP CONCRETE GUARD ELEV.+8.12m REF. TO  
CHS BM 2-1980 10.146m ABOVE C.D.

OFFICE PROCESSOR GERALD SPEAR/DAVID MELANSON  
DATE OF PROCESSING FEBRUARY 2006/JUNE 2008/AUGUST 2008

MODE OF PLOTTING MINIMUM DEPTHS  
MATRIX CELL 1.2m BY 3.0m

CONTROL POINTS:	PL NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
14298	678429.303	4958927.996	+11.96m		LRIS CONTROL
2-1980			+10.146		CHS BM
PT "WHARF"	678122.397	4959046.105	+7.83m		PWGSC (NAIL IN CONCRETE DECK)
PT "RAMP"	678295.743	4958943.695	+8.34m		PWGSC (NAIL IN ASPHALT DECK - AT TOP OF OLD FERRY RAMP)

revisions  
project  
HARBOUR IMPROVEMENTS  
NORTH HEAD AND  
WHITEHEAD  
GRAND MANAN, NB  
CHARLOTTE COUNTY

drawing  
dessein  
DREDGE PLAN

designed PWGSC  
date DECEMBER 2015  
drawn PWGSC  
date DECEMBER 2015  
approved  
date  
Tender  
PWGSC Project Manager  
project number  
drawing no.  
conqu  
dessiné  
approuvé  
Soumission  
no. du projet  
no. du dessin

M19