



Public Works and Government Services
Canada

Travaux Publics et Services gouvernementaux
Canada

NOTES

SURVEY PARTY CHIEF GERALD SPEAR
SURVEY VESSEL SINGLE LINE
SURVEY DATE(S) FEB/MAR 2006

SAUNDER SET MIN/INST VEL. OF SOUND 1464 M/S
DEPTH GATE USED N/A FREQ. OF TRANS. 210 KHZ

POSITIONING SYSTEM USED GPS OTF
LAND SURVEY POSITION BY TRIMBLE GSC
BATHYMETRIC(S) USED MIN/VES TIDAL REDUCTION SCHEME

TIDAL REDUCTION SCHEME
REF TO PT "WHARF" (INGALS' HEAD) ELEV. 7.30m ABOVE C.D.

OFFICE PROCESSING GERALD SPEAR
DATE OF PROCESSING MARCH, 2006

MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH N/A
REDUCTION OF MATRIX CELLS N/A

CONTROL POINTS:
PT NAME EASTING NORTHING CD ELEV DESC
PT "ARMOUR" 680556.529 4944304.370 +7.41m PWGSC IRON BAR 3cm ABOVE GROUND
PT "GUARD" 680554.995 4944288.387 +6.72m NAIL IN WOOD WHEELGUARD
PT "STEELROD" 680576.071 4944263.934 +7.09m IRON BAR IN BEDROCK 2 dm ABOVE GRD

DRAWING REVIEWED BY:

LEGEND

POINT "ARMOUR" ELEVATION 7.41 ABOVE L.N.T.

ROCK TO BE REMOVED TO ELEVATION
-2.5 METERS BELOW L.N.T.

*2.6 INDICATES SEABED ELEVATION IN METERS ABOVE L.N.T.
SURVEY BY PWGSC, FEB/MAR 2006

2.3 INDICATES SEABED ELEVATION IN METERS BELOW L.N.T.
SURVEY BY PWGSC, FEB/MAR 2006

DREDGE AREA COORDINATES

AREA "A"		
POINT	EASTING	NORTHING
A	680552.422	4944228.488
B	680552.422	4944248.277
C	680562.608	4944248.277
D	680562.608	4944228.488

AREA "B"		
POINT	EASTING	NORTHING
A	680559.829	4944149.017
B	680559.829	4944181.662
C	680572.065	4944181.662
D	680572.065	4944149.017

revisions

date

project

project

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

SITE PLAN
WHITEHEAD

designed

PWGSC

conçu

date

DECEMBER 2015

dessiné

drawn

PWGSC

approuvé

date

DECEMBER 2015

approuvé

approved

approved

date

date

Tender

Soumission

PWGSC Project Manager

Administrateur de projets TPSC

project number

R.076368.001

no. du projet

drawing no.

M21

no. du dessin