

NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) SEPTEMBER 28, 2016 - JANUARY 10, 2018

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING: MIN/INST VEL. OF SOUND: 1460 m/s
DEPTH GATE USED: N/A FREQ. OF TRANS: 210 KHZ
POSITIONING SYSTEM USED: DGPS (WITH OTF)
LAND SURVEY POSITION BY: DGPS (WITH OTF)
DATA TAPE/DISC(S) USED:
CAD DRAWING FILE(S):

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING JANUARY 2018

MODE OF PLOTTING: LEAST OF MINIMUM DEPTHS
MATRIX CELL: WIDTH X LENGTH
REDUCTION OF MATRIX CELLS

Table with 5 columns: CONTROL POINTS, PL NAME, NORTHING, EASTING, CD ELEV, DESCRIPTION. Lists points like 76C2656, 76C2657, PWC 1-86, etc.

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO BM 1-88 ELEV. +4.673 m (I.P. SET IN CONCRETE CYLINDER) ESTABLISHED BY WATER LEVEL TRANSFER FROM CHS BM "VICK" ELEV. + 3.978 m LOCATED AT MARYSTOWN ON MARCH 25-26, 1988 BY PWGSC SURVEY CREW.

SOUNDINGS TAKEN USING NAVSOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON JANUARY 10, 2018 BY PWGSC SURVEY CREW.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 21, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).

SOUNDINGS WERE REDUCED BY DIGITRACE & RE-CHECKED FROM SOUNDING CHARTS BEFORE BEING CORRECTED FOR TIDE & BAR CHECK CORRECTION.

SOUNDINGS WERE REDUCED USING HYPACK MAX VER.2013"A"

SPEED OF SOUND WAS OBTAINED USING A DIGIBAR-PRO VELOCIMETER.

ALL FIELD NOTES ARE IN SHIP COVE (BURIN) BOOK #78.

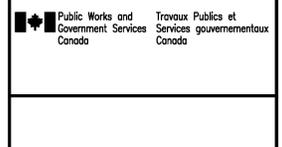
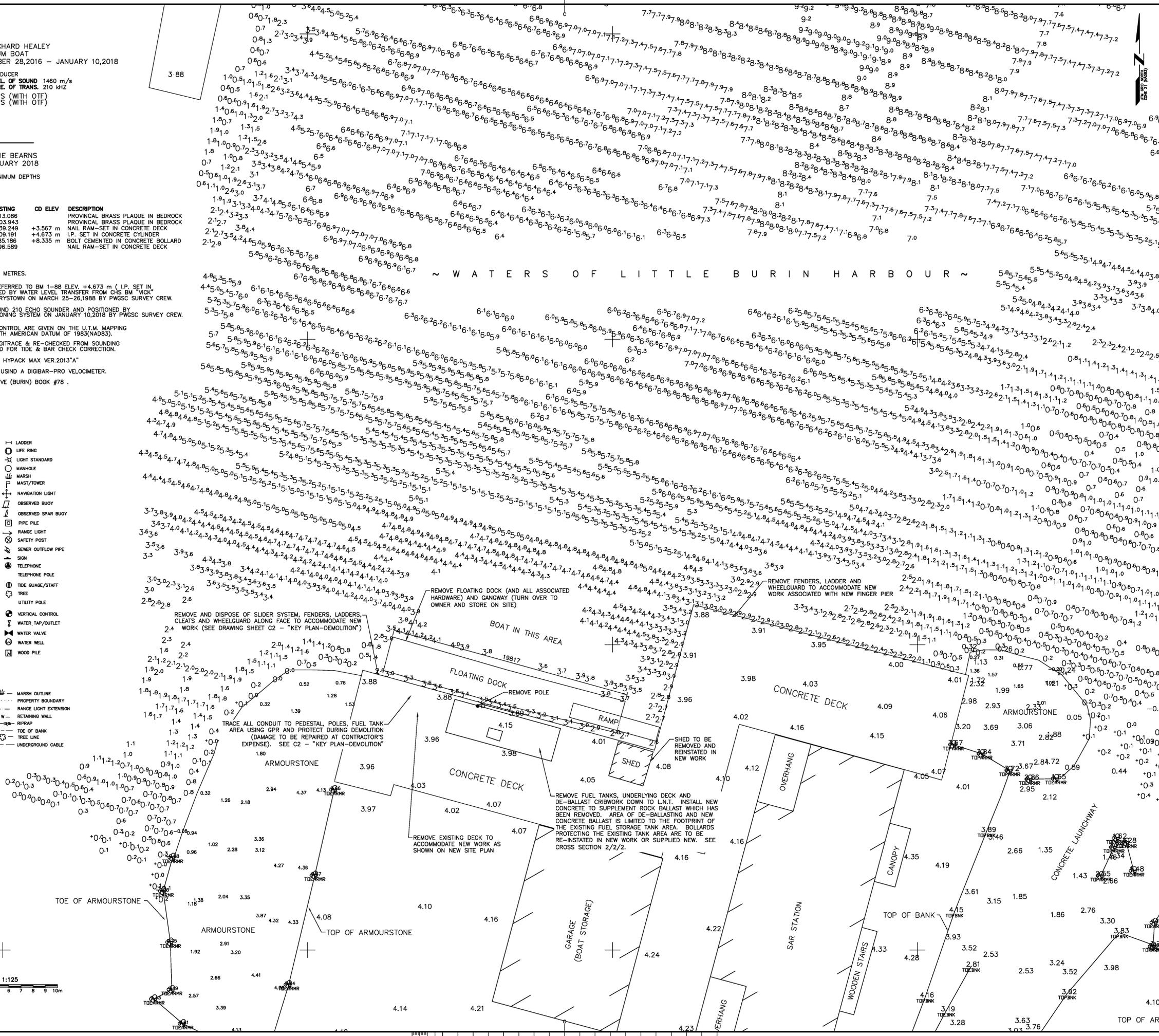
LEGEND

- SYMBOLS: ACQUACULTURE, ANCHOR BLOCK, BOLLARD, BOREHOLE, BOUNDARY MARKER, CARD POSITION BUOY, CATCH BASIN, CLEAT, CULVERT, DERRICK, DISPOSAL, SEWER OUTFLOW PIPE, DREDGE CONTROL, ELECTRICAL OUTLET, FIRE HYDRANT, FIRST AID, FISH HANDLING EQUIP., FOG HORN, FUEL PUMP, H PILE, HORIZONTAL CONTROL, ICE PLANT, FLOATING WAVEBREAK GUARD RAIL, JIB CRANE, FLAG POLE, LADDER, LIFE RING, LIGHT STANDARD, MANHOLE, MARSH, MAST/TOWER, NAVIGATION LIGHT, OBSERVED BUOY, OBSERVED SPAR BUOY, PIPE PILE, RANGE LIGHT, RANGE LIGHT, SAFETY SIGNAL, SEWER OUTFLOW PIPE, SIGN, TELEPHONE, TELEPHONE POLE, TREE GAUGE/STAFF, TREE, UTILITY POLE, VERTICAL CONTROL, WATER TAP/OUTLET, WATER VALVE, WATER WELL, WOOD PILE.

- LINE TYPE: ARMOUR STONE, CL RAILROAD, DRAIN PIPE, EDGE ROAD / SHOULDER, FENCE LINE, FLOATING WAVEBREAK GUARD RAIL, HIGH WATER MARK, LOW WATER MARK, MARSH OUTLINE, PROPERTY BOUNDARY, RANGE LIGHT EXTENSION, RETAINING WALL, TOE OF BANK, TREE LINE, UNDERGROUND CABLE.

SCALE: 1:125

WATERS OF LITTLE BURIN HARBOUR



PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
This Permit Allows
APN ENGINEERING INC.
To practice Professional Engineering in Newfoundland and Labrador. Permit No. as issued by APENGL 10282, which is valid for the year 2022.



Table with 2 columns: revision number (A, B), description (ISSUED FOR TENDER, ISSUED FOR REVIEW), and date (11/8/21, 2/25/21).

CONSTRUCTION & REFURBISHMENT OF BAY CLASS SAR LIFEBOAT MARINE INFRASTRUCTURES BURIN, NL
drawing no. R.116548.001
designed N.H.
date NOVEMBER 8, 2021
drawn P.H.
date NOVEMBER 8, 2021
approved
date
Tender
PWGSC Project Manager Administrateur de projets TPSGC
project number no. du projet
drawing no. no. du dessin

SOUNDING AND TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C1
E-DRM/ODD-E: 553450