

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 various survey points and their details.

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 "MCK" 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.

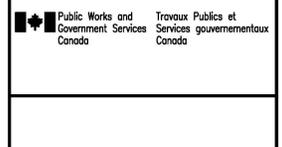
LEGEND

- 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, INVERT PIPE, JIB CRANE, FLAG POLE, LADDER, LIFE RING, LIGHT STANDARD, MANHOLE, MARSH, MAST/TOWER, NAVIGATION LIGHT, OBSERVED BUOY, OBSERVED SPAR BUOY, PIPE, RANGE LIGHT, SAFETY POST, 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, RANGE LIGHT EXTENSION, EDGE ROAD / SHOULDER, FENCE LINE, FLOATING WAVEBREAK GUARD RAIL, HIGH WATER MARK, LOW WATER MARK, MARSH OUTLINE, PROPERTY BOUNDARY, RETAINING WALL, TOE OF BANK, TREE LINE, UNDERGROUND CABLE.

- LEGEND: NEW FINGER PIER WHARF, AREA OF DEMOLITION (REPLACED WITH NEW)

SCALE: 1:125



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 20222. Valid for the year 2022.

NEIL C. HUNT, PROFESSIONAL ENGINEER, NEWFOUNDLAND & LABRADOR. Includes a signature and stamp.

Table with 3 columns: revision, issued for, date. Shows revision A issued for review on 2/25/21.

CONSTRUCTION & REFURBISHMENT OF BAY CLASS SAR LIFEBOAT MARINE INFRASTRUCTURES BURIN, NL

NEW SITE PLAN

Table with columns: date, designed by, drawn by, approved by, project number, drawing number. Includes project number R.116548.001 and drawing number C3.

