



TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : December 06, 2010

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-S313-FA-2010
HYDROGRAPHIC SHEET: H12229

LOCALITY: 11 NM West of Northwest of Cape Prince of Wales, AK
TIME PERIOD: July 28 - August 29, 2010

TIDE STATION USED: 946-9439 Tin City, AK
Lat. 65° 33.6'N Long. 167° 58.8' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.252 meters

TIDE STATION USED: 946-9237 Pt. Spencer, AK
Lat. 65° 15.3' N Long. 166° 51.0' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.362 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: CS2, CS3 & CS4

Refer to attachments for zoning information.

Note 1: Provided time series data are tabulated in metric units (meters), relative to MLLW and on Greenwich Mean Time on the 1983-2001 National Tidal Datum Epoch (NTDE).

Note 2: Use tide data from the appropriate station with applicable zoning correctors for each zone according to the order in which they are listed in the Tidezone corrector file (*.ZDF). For example, tide station one (TS1) would be the first choice for an applicable zone followed by TS2, etc. when data are not available.

Note 3: Tin City is the primary control station as the tidal datums at Little Diomedé are based on 13 days of water level data, which doesn't meet the requirements of HSSD. During the data outage at Tin City between August 16 and 30, Point Spencer is the control station. The errors of using Tin City and Point Spencer as tide control are 0.20 and 0.25 m respectively.

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