



TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : December 03, 2010

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-S313-FA-2010
HYDROGRAPHIC SHEET: H12228

LOCALITY: 7 NM West of Northwest of Cape Prince of Wales, AK
TIME PERIOD: July 21 - August 30, 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: CS1, CS2, CS3, CS4 & CS5

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: The 2010 water level data at Tin City was tied to the one month accepted datum in 2007 and thus can be used for tide reduction between July 23 and August 16. During the data outage at Tin City between August 16 and 30, Point Spencer is the control station. The error of using Point Spencer as tide control is 0.13 m.

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