



TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : October 21, 2009

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-P183-FA-2009
HYDROGRAPHIC SHEET: H12119

LOCALITY: SW Big Koniuji Island to SW Little Koniuji Island and Vicinity, AK
TIME PERIOD: June 17 - August 12, 2009

TIDE STATION USED: Sand Point, AK 945-9450
Lat.55° 19.9' N Long. 160° 30.3' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.988 meters

TIDE STATION USED: Herendeen Island, AK 945-9163
Lat. 55° 04.0' N Long. 159° 26.3' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.020 meters

REMARKS: RECOMMENDED GRID

Please use the TCARI grid "P183FA2009-Final" as the final grid for project OPR-P183-FA-2009, H12119, during the time period between June 17 - August 12, 2009.

Refer to attachments for grid 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: Due to the missing data at Herendeen Island, AK (945-9163) from August 11 23:00 to August 12 01:12, Sand Point, AK (945-9450) is the only active station to provide residuals for the survey area during that period. As Herendeen Island was not initially required by CO-OPS, and data at Herendeen Island and Sand Point match within the acceptable accuracy limits of the hydrographic survey specifications, solve combinations are used within the TCARI grid to generate tide correctors during that period.

Peter J. Stone

Digitally signed by Peter J. Stone
DN: cn=Peter J. Stone, o=CO-OPS, ou=NOAA/NOS,
email=peter.stone@noaa.gov, c=US
Date: 2009.10.23 15:10:22 -04'00'

CHIEF, OCEANOGRAPHIC DIVISION

