



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Ocean Service
Silver Spring, Maryland 20910

PROVISIONAL TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : September 20, 2016

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: S-P936-RA-2016

HYDROGRAPHIC SHEET: F00683

LOCALITY: Resurrection Bay, Seward, AK

TIME PERIOD: July 14 - September 01, 2016

TIDE STATION USED: 945-5090 Seward, AK

Lat. 60° 7.2'N Long. 149° 25.6' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.960 meters

REMARKS: RECOMMENDED GRID Please use the TCARI grid "P936RA2016.tc" as the final grid for project S-P936-RA-2016, F00683, during the time period between July 14 - September 01, 2016.

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: Annual leveling for Seward, AK(9455090) was not completed in FY15. A review of the verified leveling records from July 2004 - July 2014 shows the tide station benchmark network to be stable within an allowable 0.009 m tolerance. This Tide Note may be used as final stability verification for survey S-P936-RA-2016, F00683. CO-OPS will immediately provide a revised Tide Note should subsequent leveling records indicate any benchmark network stability movement beyond the allowable 0.009 m tolerance.

Note 3: Due to inaccurate shoreline, survey track lines fall outside of the TCARI grid boundaries in some areas. TCARI will extrapolate the tide corrector to cover these soundings

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CHIEF, PRODUCTS AND SERVICES BRANCH

