



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

**PROVISIONAL TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** July 05, 2017

**HYDROGRAPHIC BRANCH:** Pacific

**HYDROGRAPHIC PROJECT:** OPR-O190-FA-2017

**HYDROGRAPHIC SHEET:** H12882

**LOCALITY:** Baldy Bay, Southeast AK

**TIME PERIOD:** May 29 - June 21, 2017

**TIDE STATION USED:** 945-0460 Ketchikan

Lat. 55° 19.9'N Long. 131° 37.6' W

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

**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 4.433 meters

**REMARKS: RECOMMENDED GRID** Please use the TCARI grid "O190FA2017.tc" as the final grid for project OPR-O190-FA-2017, H12882, during the period between May 29 and June 21, 2017.

**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:** As of the issuance of this final tide, 2017 annual leveling for Ketchikan, AK (9450460) has not been verified. A review of the verified leveling records from June 2006 - 2016 shows the tide station benchmark network to be stable within an allowable 0.009 m tolerance, annually. This Tide Note may be used as final stability verification for survey OPR-O190-FA-2017, Registry No. H12882. 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.

**HOVIS.GERALD.THOMAS.JR.1365860250**

Digitally signed by  
HOVIS.GERALD.THOMAS.JR.1365860250  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=OTHER,  
cn=HOVIS.GERALD.THOMAS.JR.1365860250  
Date: 2017.07.07 10:44:58 -04'00'

CHIEF, PRODUCTS AND SERVICES BRANCH

