

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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : January 28, 2016

HYDROGRAPHIC BRANCH: Alaska HYDROGRAPHIC PROJECT: OPR-S327-RA-2015 HYDROGRAPHIC SHEET: H12827

LOCALITY: Cape Espenberg Light, Kotzebue Sound, AK TIME PERIOD: July 9 - August 12, 2015

TIDE STATION USED: 9491094 Red Dog Dock, AK Lat.67° 34.6' N Long. 164° 03.9' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.240 meters TIDE STATION USED: 9490424 Kotzebue, AK

Lat. 66° 54.3' N Long. 162° 35.0' W

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

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.192 meters

TIDE STATION USED: 9490096 Cape Espenberg, AK

Lat. 66° 35.1' Long. 164° 15.06' PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.270 meters TIDE STATION USED: 9469833 Goodhope Bay, AK

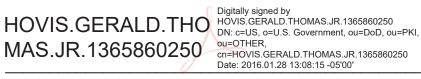
Lat. 66° 13.8' Long. 163° 54.3' PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.477 meters

REMARKS: RECOMMENDED Grid

Please use the TCARI grid "S327FARA2015_Final.tc" as the final grid for project OPR-S327-RA-2015, H12827, during the time period between July 9 and August 12, 2015.

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: Tidal datums at Goodhope Bay and Cape Espenberg are provisional due to higher uncertainties resulting from either a lack of benchmarks or data processing that accounted for gauge slippage events.





CHIEF, PRODUCTS AND SERVICES BRANCH