



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

PROVISIONAL TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : October 25, 2016

HYDROGRAPHIC BRANCH: Atlantic
HYDROGRAPHIC PROJECT: OPR-K339-KR-2016
HYDROGRAPHIC SHEET: H12942

LOCALITY: 19 NM West of SW Pass, Gulf of Mexico
TIME PERIOD: August 4 to September 3, 2016

TIDE STATION USED: Pilots Station East, SW Pass, LA 8760922
Lat. 28° 55.9' N Long. 89° 24.4' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.353 meters

TIDE STATION USED: Grand Isle, LA 8761724
Lat. 29° 15.8' N Long. 89° 57.4' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.321 meters

TIDE STATION USED: Port Fourchon, Belle Pass, LA 8762075
Lat. 29° 06.8' Long. 90° 11.9' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.374 meters

REMARKS: RECOMMENDED GRID

Please use the TCARI grid "K339KR2016Final.nc" as the final grid for project OPR-K339-KR-2016, during the time period between August 4 to September 3, 2016.

The provided grid contains all required water level data; as such, water level data should not be redownloaded for project OPR-K339-KR-2016.

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 2007-2011 Modified Five-Year Epoch.

Note 2: Annual leveling for Pilots Station East, SW Pass, LA (8760922) was not completed in FY16. A review of the yearly, verified leveling records from 2007-2015 shows the tide station benchmark network to be stable within an allowable 0.009 m tolerance over a 3-6 month timeframe. This Tide Note may be used as final stability verification for survey OPR-K339-KR-2016, H12941. 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 anomalous sea level trends in the vicinity of SW Pass, datums provided for Pilots Station East, SW Pass, LA (8760922) are preliminary and computed from July to September, 2016. The adoption of this procedure was necessary to ensure that these tidal datums accurately represent the existing state of sea level for this area.

