DATE: May 17, 2011

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-J417-NRT1-2011
HYDROGRAPHIC SHEET: H12018

LOCALITY: Port Manatee to Sunshine Skyway Bridge, Tampa Bay, FL
TIME PERIOD: February 09, 2010 - April 11, 2011

TIDE STATION USED: St. Petersburg, FL 872-6520
Lat. 27° 45.6' N Long. 82° 37.6' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.602 meters
TIDE STATION USED: Port Manatee, FL 872-6384
Lat. 27° 38.3' N Long. 82° 33.7' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.585 meters

TIDE STATION USED: Old Port Tampa, FL 872-6607
Lat. 27° 51.5' N Long. 82° 33.2' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.652 meters

TIDE STATION USED: McKay bay Entrance, FL 872-6667
Lat. 27° 54.8' N Long. 82° 25.5' W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.710 meters

REMARKS: RECOMMENDED Zoning/Grid

Please use the preliminary zoning file "J417NRT12010CORP" submitted with the 2010 project instructions for OPR-J417-NRT1-2010. Zones TB22, TB39, TB42, TB44, TB47, TB50 and TB54 are the applicable zones for H12018 during the time period between February 09 - August 18, 2010.

Please use the TCARI grid "J417NRT12011.tc" as the final grid for project OPR-J417-NRT1-11, H12018, during the time period of February 16 - April 11, 2011.

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).