



L O C A T I O N M A P

AGUADILLA HARBOR AGUADILLA, PUERTO RICO HYDROGRAPHIC EXAM SURVEY FY17

SURVEY NOTES

1. REFER TO SURVEY NO. 17-089.
2. TIDAL REDUCTIONS WERE OBTAINED UTILIZING REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW USING AN ORTHOMETRIC HEIGHT OF 0.58'. A MEASURE DOWN POINT WAS SET FROM TIDAL BENCHMARK '975 9412 E' (PID: DO1590) AND WAS USED TO VERIFY THE TIDE READING FROM THE RTK GPS AND DEPICTS TIDE DATA WITH RESPECT TO MLLW FROM THE LATEST TIDAL EPOCH (1983-2001).
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. PLANE COORDINATES ARE BASED ON THE LAMBERT CONIC PROJECTION FOR PUERTO RICO AND THE U.S. VIRGIN ISLANDS, NORTH ZONE, AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
5. THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:
REFERENCE BASE LOCATED AT '975 9412 E' (PID: DO1590)

NOAA TIDAL STATION '975 9412 E' FOR SURVEY PROJECT (PID: DO1590)
6. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S DATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARK ASSOCIATED WITH THE TIDE GAGE SITE SPECIFIED BELOW:

NOAA TIDAL STATION '975 9412 E' FOR SURVEY PROJECT (PID: DO1590)
7. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DUAL-FREQUENCY 28/200 KHZ SINGLE-BEAM TRANSDUCER. SOUNDINGS SHOWN ARE IN HIGH FREQUENCY (200KHZ).

VESSEL	DATE OF SURVEY	CUT
SB-34	13 MAR 2017	ALL CUTS
8. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
9. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY.
10. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 2013.

LEGEND	
▲	MONUMENT
⚓	LIGHTED BEACON
□	GREEN DAYBEACON
△	RED DAYBEACON
○	RED LIGHTED BUOY
○	GREEN LIGHTED BUOY
○	CAN BUOY
○	NUN BUOY
⊗	TIDE STAFF
8	PROJECT DEPTH

US Army Corps of Engineers
Jacksonville District
SAFETY ON THIS JOB DEPENDS ON YOU

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

AGUADILLA HARBOR
AGUADILLA, PUERTO RICO
HYDROGRAPHIC EXAMINATION SURVEY FY17
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN
Drawing no. **1**

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