



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: November 19, 2001

HYDROGRAPHIC BRANCH: Atlantic
HYDROGRAPHIC PROJECT: OPR-I305-WH-2001
HYDROGRAPHIC SHEET: H11033

LOCALITY: Bahia de Guayanilla, Puerto Rico
TIME PERIOD: April 25 - May 15, 2001

TIDE STATION USED: 975-8053 Punta Guayanilla, PR
Lat. $17^{\circ} 58.6'N$ Lon. $66^{\circ} 45.7'W$
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.212 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: PRS1.

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.

Thomas V. Mero 11/19/01

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



VERTICAL CONTROL

The tidal datum for this project is Mean Lower Low Water (MLLW). The operating tide station at Isla Maqueyes, PR (975-9110) served as control for datum determination. One tertiary, 30-day gauge, at EcoElectrica² Liquefied Natural Gas pier, PR (975-8053) provided ancillary tide data.

Tidal zoning for this survey is consistent with the Letter Instructions. The zone used for this survey is as follows:

STATION	CORRECTOR (min)	RATIO	REFERENCE
PRS1	0	x1.00	975-9110

A Request for Approved Tides letter was sent to N/OPS1 on May 18, 2001 (**Appendix IV**)*. Verified tides from N/OPS1 CO-OPS were received on July 1, 2001, and applied to all sounding data. * *Approved tides and zones were reapplied to survey during office processing.*