

DATE: October 26, 1982

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

TIDE NOTE FOR HYDROGRAPHIC SHEET

Processing Division: Atlantic Marine Center:

Hourly heights are approved for

Tide Station Used (NOAA Form 77-12): 872-8912 Port St. Joe, Florida  
872-8995 Mexico Beach, Florida  
872-9678 Navarre Beach, Florida

Period: February 9 - April 26, 1982

HYDROGRAPHIC SHEET: H-9996

OPR: J-247

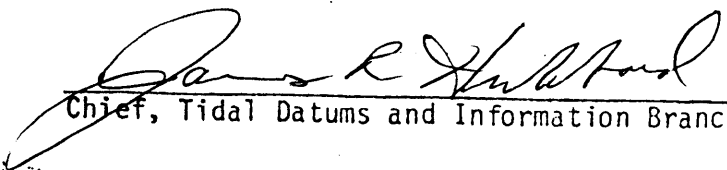
Locality: St. Josephs Bay, Florida

Plane of reference (mean lower low water): 872-8912 = 2.70 ft.  
872-8995 = 2.54 ft.  
872-9678 = 25.64 ft.

Height of Mean High Water above Plane of Reference is 872-8912 = 1.67 ft.  
872-8995 = 1.40 ft.  
872-9678 = 1.38 ft.

REMARKS: Recommended Zoning:

1. North of a line formed by 2 points located at latitude  $29^{\circ}54.0'$ , longitude  $85^{\circ}22.0'$ , and latitude  $29^{\circ}52.5'$ , longitude  $85^{\circ}23.3'$  zone direct on 872-8995, Mexico Beach, Florida for J Days 092-116 when the gage at Mexico Beach was inoperative zone direct on 872-9678, Navarre Beach, Florida.
2. South of the previous line zone direct on 872-8912 Port St. Joe, Florida, for J Days 092-116 when the gage at Port St. Joe was inoperative zone on 872-9678 Navarre Beach, Florida and apply x1.21 range ratio.

  
Chief, Tidal Datums and Information Branch

## FIELD TIDE NOTE ✓

Field tide reduction of soundings was based on predicted tides from Pensacola, Florida, with Port St. Joe, Florida, correctors. All times of both predicted and recorded tides from HFP-3 gages are GMT.

Standard Fischer/Porter ADR Tide Gages were installed, operated and observed at the following locations during the periods indicated.

<u>SITE</u>	<u>LOCATION</u>	<u>PERIOD</u>
Port St. Joe, Florida #872-8912	Lat 29°49'00.7" Lon 85°18'45.4"	10/29/81 In 5/12/82 Out
Mexico Beach, Florida * #872-8995	Lat 29°56'54" Lon 85°25'36"	10/30/81 In 5/12/82 Out

\*The floatwell intake hole became half clogged with barnacles, therefore causing the tide gage to give improper high and low tides. Hydrography run during this period was from JD 40 to JD 92.

\*On April 30, 1982, JD 120, the tide gage was vandalized, with the records for the entire month of April 1982 being destroyed. Hydrography run during this period was from JD 92 to JD 120.