

DATE: February 12, 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): 863-1542 Sand Shoal Inlet, VA

Period: September 28 - October 28, 1981

HYDROGRAPHIC SHEET: H-9980

OPR: D103

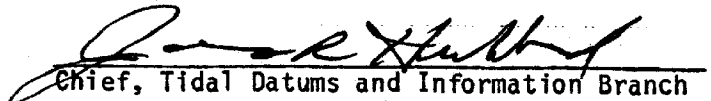
Locality: Delmarvance - Offshore of Hog Island, VA

Plane of reference (mean lower low water): 13.38 Ft.

Height of Mean High Water above Plane of Reference is 4.22 Ft.

REMARKS: Recommended Zoning

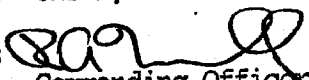
1. From Latitude $37^{\circ}27.5'$ South to $37^{\circ}19.3'$
 - a. East of $75^{\circ}37'$ apply -15 minute time correction and x0.87 range ratio.
 - b. West of $75^{\circ}37'$ apply x0.87 range ratio.
2. From $37^{\circ}19.3'$ south to $37^{\circ}17.5'$
 - a. East of $75^{\circ}37'$ apply -15 minute time correction and x0.87 range ratio.
 - b. West of $75^{\circ}37'$ to $75^{\circ}45'$ apply x0.87 range ratio.
 - c. West of $75^{\circ}45'$ apply x0.94 range ratio.


Chief, Tidal Datums and Information Branch



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National Oceanic and Atmospheric Administration
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NOAA SHIP MT. MITCHELL S-222
439 WEST YORK STREET.
NORFOLK, VIRGINIA 23510

Date : 06 NOV 1981
To : Chief, Tides and Water Levels Branch, OA/C23
From : 
Commanding Officer
NOAA Ship Mt. Mitchell S-222
Subj. : Tidal Data for OPR-D103-MI-81, "DELMARVANC"
Hydrographic Survey H-9980 (MI-20-6-81)

It is requested that verified hourly heights of Tides, using Greenwich Mean Time, from the operating tide gages listed below be forwarded to the Processing Division (CAM3), Atlantic Marine Center, Norfolk, VA. 23510

<u>GAGE NAME</u>	<u>NUMBER</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>
Hampton Rds. (Pier 2, NOB)	863-8610	36°56.8'N	76°19.9'W
Sandbridge, VA.	863-9428	36°41.5'N	75°55.2'W
Sand Shoal Inlet (Cobb Island, VA.)	863-1542	37°18.1'N	75°46.7'W
Ocean City, MD.	857-0280	38°19.8'N	75°05.2'W

It is requested that the Time and Height Correctors for each gage be zoned as per Project Instructions for the area described within the following points:

LATITUDE 37°17.5'N, 37°27.4'N
LONGITUDE 75°30.0'W, 75°48.4'W

This information is requested for the following Times and Dates:

0000GMT JD 271 28 SEPT. '81 til 2359GMT JD 271 28 SEPT. '81
0000GMT JD 279 06 OCT., '81 til 2359GMT JD 280 07 OCT., '81
0000GMT JD 282 09 OCT., '81 til 2359GMT JD 284 11 OCT., '81
0000GMT JD 287 14 OCT., '81 til 2359GMT JD 287 14 OCT., '81
0000GMT JD 293 20 OCT., '81 til 2359GMT JD 301 28 OCT., '81



FIELD TIDE NOTE

Field tide reduction of soundings were based on Predicted Tides from Hampton Roads (Sewells Pt.) VA, and were corrected for predetermined tidal zone values from to OPR-D103-MI, PE-80, utilizing a PDP8/E Computer and Program RK500. All times of both Predicted and Recorded Tides are Universal Coordinated Time (GMT).

The number and type of Tide Gages installed, their geographic locations, dates of installation/removal, Leveling, Plane of Reference and period of operation are appended to this note, along with a copy of a letter to OA/C23 requesting verified hourly heights of tides from gages listed in this report.

The respective gages reportedly operated properly/improperly during this Project, with any exceptions noted under "REMARKS" on the appended Tide Gage Sheets.

FIELD TIDE NOTE

TIDE GAGE REPORT

NOS TIDE TABLE NUMBER: 2353 TIME MERIDIAN 075° W

GEOGRAPHIC LOCALE: Hampton Roads (Sewells PT.) VA

NAME: Pier #2 Naval Operations Base STATION NUMBER 863-8610

LATITUDE: 36° 56.8'N, LONGITUDE: 76° 19.9'W

TYPE OF GAGE: XX ADR, BUBBLER, OTHER ()

PLANE OF REFERENCE: XXMLW, MLLW, GCLWD, OTHER, CORRESPONDS

TO FEET ON THE TIDE STAFF FOR THE PERIOD

DATED INSTALLED: 8/15/72 BY: ECTP 754

DATE REMOVED: BY:

DATE LEVELED: 4 APRIL 1981 BY: ECTP

REMARKS:

FIELD TIDE NOTE

TIDE GAGE REPORT

NOS TIDE TABLE NUMBER: 1943 TIME MERIDIAN 075° W

GEOGRAPHIC LOCALE: Cobb Island, Virginia (West side)

NAME: Cobb Island Coast Guard Sta. (abandoned) STATION NUMBER: 863-1542

LATITUDE: 37° 18' N, LONGITUDE: 075° 46.8' W

TYPE OF GAGE: XX ADR, BUBBLER, OTHER (Electric Tape Gage)

PLANE OF REFERENCE: XX MLW, MLLW, GCLWD, OTHER, CORRESPONDS
TO FEET ON THE TIDE STAFF FOR THE PERIOD TO

DATED INSTALLED: BY:

DATE REMOVED: 9 November 1981 BY: MT. MITCHELL

DATE LEVELED: 10 August 1981 BY: MT. MITCHELL (Check levels)

REMARKS:

FIELD TIDE NOTE
TIDE GAGE REPORT

NOS TIDE TABLE NUMBER: _____ TIME MERIDIAN 075 ° W

GEOGRAPHIC LOCALE: Virginia Beach, VA

NAME: Sandbridge Pumping Pier STATION NUMBER: 863-9428

LATITUDE: 36° 41.5' N, LONGITUDE: 75° 55.2' W

TYPE OF GAGE: XX ADR, ___ BUBBLER, ___ OTHER (_____)

PLANE OF REFERENCE: XX MLW, ___ MLLW, ___ GCLWD, ___ OTHER, CORRESPONDS

TO _____ FEET ON THE TIDE STAFF FOR THE PERIOD.

DATED INSTALLED: 6/11/81 BY: NOAA Ship "Pierce"

DATE REMOVED: _____ BY: _____

DATE LEVELED: 6/11/81 BY: NOAA Ship "Pierce"

REMARKS: _____

