

February 8, 1984

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

TIDE NOTE FOR HYDROGRAPHIC SHEET

Marine Center: Atlantic

OPR: A166

HYDROGRAPHIC SHEET: H - 10109

Locality: Penobscot Bay, Maine

Time Period: July 27 - August 25, 1983

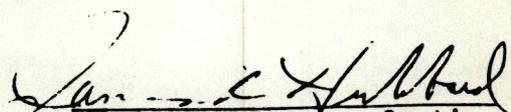
Tide Station Used: 841-4888 Pulpit Harbor, Maine
841-5191 Belfast, Maine

Plane Of Reference (Mean ~~Lower~~ Low Water): 841-4888 = 2.70 Ft.
841-5191 = 4.89 Ft.

Height Of Mean High Water Above Plane Of Reference: 841-4888 = 9.8 Ft.
841-5191 = 10.2 Ft.

Remarks: Recommended Zoning:

1. North of latitude $44^{\circ}20.0'$ zone direct on 841-5191, Belfast, Maine.
2. South of latitude $44^{\circ}20.0'$ zone direct on 841-4888, Pulpit Harbor, Maine.


Chief, Tidal Datum Section

FIELD TIDE NOTE
TIDE GAGE REPORT

NOS TIDE TABLE NUMBER: 769 TIME MERIDIAN 60 ° W

GEOGRAPHIC LOCALE: Belfast, Maine

NAME: Belfast STATION NUMBER: 841-5191

LATITUDE: 44° 25.6' N, LONGITUDE: 069° 00.0' W

TYPE OF GAGE: ADR, BUBBLER, OTHER ()

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

TO FEET ON THE TIDE STAFF FOR THE PERIOD TO

DATED INSTALLED: 24 May 83 BY: NOAA Ship MT MITCHELL

DATE REMOVED: 3 Sep 83 BY: NOAA Ship MT MITCHELL

DATE LEVELED: 24 May 83 BY: NOAA Ship MT MITCHELL
2 Sep 83 BY: NOAA Ship MT MITCHELL

REMARKS: Hydrographic survey operations using the Belfast gage began
on 27 July 83 (JD 208). An observation on the 14th of August 1983 showed
the gage to be 8 hours behind LMT. On the 16th of August 1983 the battery
was changed and the time was reset.



DEPARTMENT OF COMMERCE
 Oceanic and Atmospheric Administration
 NATIONAL OCEAN SURVEY

NOAA SHIP MT. MITCHELL G-000
 439 WEST YORK STREET
 NORFOLK, VIRGINIA 23510

Date : 07 SEP 1983
 To : Chief, Tides and Water Levels Branch, N/OMS12
 From : *S. A. ...*
 Commanding Officer
 NOAA Ship Mt. Mitchell S-222

Subj. : Tidal Data for Hydrographic Survey H-10109
 OPR-A166-MI-83, Penobscot Bay, Maine

It is requested that verified hourly heights of Tides, using Coordinated Universal Time, from the Operating Tide Gages listed below, be forwarded to the Processing Division (MOA23), Atlantic Marine Center, Norfolk, VA. 23510

<u>GAGE NAME</u>	<u>NUMBER</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>
ROCKLAND, ME. (Control)	841-5490	44°06.2'N	069°06.1'W
BELFAST, ME	841-5191	44°25.6'N	069°00.0'W
PORTLAND, ME. (Reference)	877 (Tide- Tables)	43°40.0'N	070°15.0'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;

<u>LATITUDE</u>	44°18.2'N, 44°26.2'N, 44°26.2'N, 44°18.2'N
<u>LONGITUDE</u>	68°53.0'W, 68°53.0'W, 69°00.0'W, 69°00.0'W

This information is requested for the following Dates and Times;

July 27 JD208 0000GMT through July 29 JD210 2359GMT
 Aug. 03 JD215 0000GMT through Aug. 05 JD217 2359GMT
 Aug. 07 JD219 0000GMT through Aug. 11 JD223 2359GMT
 Aug. 16 JD228 0000GMT through Aug. 19 JD231 2359GMT
 Aug. 23 JD235 0000GMT through Aug. 24 JD236 2359GMT

APPENDIX "A"

