

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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: December 30, 1987

MARINE CENTER: Pacific

OPR: R184

HYDROGRAPHIC SHEET: H-10253

LOCALITY: Northern Hagemeister Strait, Bristol Bay, Alaska

TIME PERIOD: August 7, 1987 - September 2, 1987

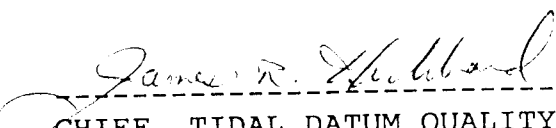
TIDE STATION(S) USED: 946-5234 North End Hagemeister Island, AK
946-5285 Hagemeister Strait, Matogak River
Entrance AK
946-5358 WEST SIDE TOGIAC BAY, AK

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 946-5234 = 11.27 ft.
946-5285 = 20.13 ft.
946-5358 = 9.08 FT.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 946-5234 = 8.0 ft.
946-5285 = 7.3 ft.
946-5358 = 9.4 FT.

REMARKS: RECOMMENDED ZONING

1. See Page 2.



CHIEF, TIDAL DATUM QUALITY
ASSURANCE SECTION

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REMARKS: RECOMMENDED ZONING:

1. North of a line formed by 2 points located at 58 49.0' 58 52.5'
160 41.5' 160 48.0'
and from this point across latitude 58 49.0' to the edge of
the sheet. Zone on 946-5358 and apply a - 10 minute time
correction and a X0.90 range ratio to all heights.
2. In Hagemeister Strait
 - a. South of the previous line to longitude 160 50.0' (from Tongue
Pt. to Hagemeister Island) zone direct on 946-5234.
 - * b. West of longitude 160 50.0' to 160 55.0' zone on 946-5285 and
apply a ~~X1.07~~
1.05 range ratio to all heights.
 - c. West of longitude 160 55.0' zone direct on 946-5285.
3. On outer Hagemeister Island, south of latitude 58 49.0', zone
on 946-5358 and apply a - 20 minute time correction and a X0.90
range ratio to all heights.

* = FROM PHONE CONV. W/ JOE M. ON 1-14-88.