

ORIGINAL

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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: June 7, 1991

MARINE CENTER: Pacific

OPR: R184

HYDROGRAPHIC SHEET: H-10352 (REVISED)

LOCALITY: East of Hagemeister Island, Bristol Bay, Alaska

TIME PERIOD: July 1 - July 21, 1990

TIDE STATIONS USED: 946-5089 Hagemeister Island, Alaska
Lat. $58^{\circ} 33.4'N$ Lon. $160^{\circ} 57.0'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 11.16 ft.


HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 6.7 ft.

REMARKS: RECOMMENDED ZONING

1. East of $160^{\circ} 40.0'W$ and north of $58^{\circ} 40.0'N$, apply a x1.24 range ratio and a -30 min. time correction to 946-5089.
2. East of $160^{\circ} 40.0'W$, north of $58^{\circ} 35.0'N$ and south of $58^{\circ} 40.0'N$, apply a x1.12 range ratio and a -30 min. time correction to 946-5089.
3. East of $160^{\circ} 40.0'W$ and south of $58^{\circ} 35.0'N$, heights are direct and apply a -30 min. time correction to 946-5089.
4. West of $160^{\circ} 40.0'W$ and north of $58^{\circ} 40.0'N$, apply a x1.24 range ratio and a -15 min. time correction to 946-5089.

5. West of $160^{\circ} 40.0'W$, north of $58^{\circ} 35.0'N$ and south of $58^{\circ} 40.0'N$, apply a x1.12 range ratio and a -15 min. time correction to 946-5089.
6. West of $160^{\circ} 40.0'W$ and south of $58^{\circ} 35.0'N$, heights are direct and apply a -15 min. time correction to 946-5089.

Note: Times are tabulated in Greenwich Mean Time.



CHIEF, TIDAL DATUM QUALITY
ASSURANCE SECTION 