



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Office of Ocean and Earth Sciences
Rockville, Maryland 20852

ORIGINAL

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: November 26, 1991

MARINE CENTER: Pacific

OPR: R184-RA

HYDROGRAPHIC SHEET: H-10385

LOCALITY: Southern Portion of Hagemeister Strait, Bristol Bay,
Alaska

TIME PERIOD: June 10 - July 24, 1991

TIDE STATIONS USED: 946-5249 Estus Point, Hagemeister Strait,
Alaska - Lat. $58^{\circ} 47.3'N$ Lon. $161^{\circ} 10.8'W$
946-5123 Pyrite Point, Bristol Bay,
Alaska - Lat. $58^{\circ} 37.2'N$ Lon. $161^{\circ} 32.5'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 946-5249 = 7.2 ft.
946-5123 = 11.1 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 946-5249 = 8.2 ft.
946-5123 = 6.4 ft.

REMARKS: RECOMMENDED ZONING

1. Inside Hagemeister Strait (north of a line between points $58^{\circ} 41.0'N/161^{\circ} 18.0'W$ and $58^{\circ} 41.7'N/161^{\circ} 10.2'W$), times and heights are direct on Estus Point (946-5249).
2. In Bristol Bay (south of a line between points $58^{\circ} 41.0'N/161^{\circ} 18.0'W$ and $58^{\circ} 41.7'N/161^{\circ} 10.2'W$);
 - a. east of $161^{\circ} 13.0'W$, apply a -1 hr. time correction and a x1.03 height ratio to Pyrite Point (946-5123).
 - b. East of $161^{\circ} 23.7'W$ (or the eastern border of sheet H-10388) and west of $161^{\circ} 13.0'W$, apply a -30 min. time correction and a x1.02 height ratio to Pyrite Point (946-5123).
 - c. West of $161^{\circ} 23.7'W$ (or the eastern border of sheet H-10388) time and heights are direct on Pyrite Point (946-5123).

Notes: Times are tabulated in Greenwich Mean Time.

for, 
CHIEF, DATUMS SECTION

