

DATE: November 3, 1982

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

TIDE NOTE FOR HYDROGRAPHIC SHEET

Processing Division: Pacific Marine Center:

Hourly heights are approved for

Tide Station Used (NOAA Form 77-12): 945-5912 Fire Island, Alaska

Period: May 8 - June 9, 1982

HYDROGRAPHIC SHEET: H-10000

OPR: P358

Locality: Northern Cook Inlet, Fire Island, Alaska

Plane of reference (mean lower low water): 6.79 ft.

Height of Mean High Water above Plane of Reference is 26.1 ft.

REMARKS: Recommended Zoning:

1. East of longitude $150^{\circ}35'$ to $150^{\circ}30'$ apply -20 minute time correction and x0.92 range ratio.
2. East of the previous line to $150^{\circ}25'$ apply -20 minute time correction and x0.94 range ratio.
3. East of the previous line to $150^{\circ}20'$ apply -10 minute time correction and x0.96 range ratio.
4. East of the previous line to $150^{\circ}15'$ apply x0.98 range ratio.
5. East of the previous line to $150^{\circ}05'$ zone direct.
6. East of the previous line to $150^{\circ}00.0'$ apply +10 minute time correction and x1.02 range ratio.


Chief, Tidal Datums and Information Branch

FIELD TIDE NOTE

Field tide reduction of soundings for H-10000 was based on predicted tides from Anchorage, Alaska. Corrections were obtained from the preliminary Tidal Zoning OPR-P358-RA-82. The predicted tides were interpolated using program AM500.

The reference station, Anchorage, Alaska (945-5920, Lat $61^{\circ} 14.3'$ N, Long $149^{\circ} 53.3'$ W) was repaired on April 26, 1982 by RAINIER personnel in conjunction with the Pacific Tide Party. The subordinate station, FIRE ISLAND (945-5912, Lat $61^{\circ} 10.4'$ N, Long $150^{\circ} 12.3'$ W) provided for direct control of hydrography on H-10000. It was installed on May 6, 1982 and removed on July 1, 1982. For this gage, the staff value of the zero line on the tide record was +1.4 feet and the time meridian for records anotation was 135° W (ADT).