

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): 945-5885 Phillips Platform "A", Alaska  
945-5912 Fire Island, Alaska

Period: May 26-June 30, 1982

HYDROGRAPHIC SHEET: H-10017

OPR: P358

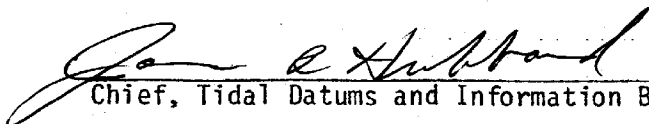
Locality: Northern Cook Inlet

Plane of reference (mean lower low water): 945-5885 = 33.87 ft.  
945-5912 = 6.79 ft.

Height of Mean High Water above Plane of Reference is 945-5885 = 22.1 ft.  
945-5912 = 26.1 ft.

REMARKS: Recommended Zoning:

1. East of longitude 150°53' to 150°47', zone on 945-5885 and apply x1.03 range ratio.
2. East of the previous line to 150°40' zone on 945-5885 and apply x1.05 range ratio.
3. East of the previous line to 150°35' zone on 945-5885 and apply +10 minute time correction and x1.08 range ratio.
4. East of the previous line to 150°30' zone on 945-5885 and apply +20 minute time correction and x1.10 range ratio.
5. East of the previous line to 150°25' zone on 945-5912 and apply -20 minute time correction and x0.94 range ratio.
6. East of the previous line to 150°20' zone on 945-5912 and apply -10 minute time correction and x0.96 range ratio.

  
Chief, Tidal Datums and Information Branch

### FIELD TIDE NOTE

Field tide reduction of soundings for H-10017 was based on predicted tides for Anchorage, Alaska (945-5920). Correctors were obtained from the Preliminary Tidal Zoning OPR-P358-RA-82. The predicted tides were interpolated using Program AM500.

Direct control of hydrography was provided by the following subordinate stations. The primary station at Anchorage, Alaska (945-5920) provided datum control for these stations:

<u>SITE</u>	<u>LOCATION</u>	<u>STAFF VALUE OF ZERO LINE ON RECORD</u>	<u>PERIOD</u>
FIRE ISLAND (945-5912)	61° 10.4' N 150° 12.3' W	+1.5' (BUBBLER)	5/6/82 - 7/1/82
MOOSE POINT (ADR) (945-5824)	60° 57.2' N 150° 43.9' W	-17.9' (ADR)	5/25/82 - 7/1/82
PHILLIPS PLATFORM "A" (945-5885)	61° 04.6' N 150° 57.1' W	-18.0' (ADR)	6/1/82 - 7/1/82

The time meridian for records annotation is 135° W (ADT).