

DATE: 1/4/85

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

TIDE NOTE FOR HYDROGRAPHIC SHEET

Marine Center: Pacific

OPR: 0168

Hydrographic Sheet: H-10154

Locality: Gedney Pass to Shrimp Bay, Alaska

Time Period: September 5-20, 1984

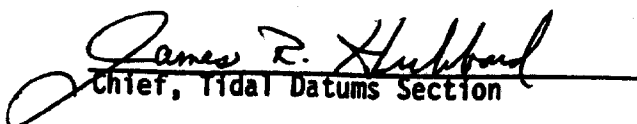
Tide Station Used: 945 0807 Convenient Cove, Alaska

Plane of Reference (Mean Lower Low Water): 14.58 ft.

Height of Mean High Water Above Plane of Reference: 14.8 ft.

Remarks: Recommended Zoning:

Zone Direct


Chief, Tidal Datums Section

FIELD TIDE NOTE
RA-10-1-84
H-10154

Field tide reduction of soundings was based on predicted tides from Ketchikan, Alaska (945-0460). Corrections were obtained from Preliminary Tidal Zoning OPR-0168-RA-84. The predicted tides were derived using program AM500. ✓

Two Bristol Bubbler tide gages were installed at two locations in the project area. Location and period of operation are as follows:

<u>SITE</u>	<u>LOCATION</u>	<u>PERIOD</u>
Convenient Cove	55/52.1 N 131/41.3 W	Sept.4 - Oct.17, 1984
Klu Bay	55/50.5 N 131/27.8 W	Sept.4 - Sept.20, 1984

✓

CONVENIENT COVE *used for smooth tides on H-10154*

Gage (S/N 63A2921) was installed and began operation September 4, 1984. The staff was also installed and leveled September 4. Excellent records were obtained with no interruptions. The marigram reads 6.0 ft greater than the staff. ✓

KLU BAY

Gage (SN 63A2928) was installed and levels were run September 4, 1984. No staff was installed, therefore, levels were run from reference mark BM3 to the waters edge. Excellent records were obtained with no interruptions. ✓

LEVELS

The reference station at Ketchikan was leveled September 10, 1984. Final levels were run October 19, 1984. Initial and final levels compared very well. ✓

Final levels on the two subordinate stations at Klu Bay and Convenient Cove were run September 20, and October 17, 1984 respectively.