

ORIGINAL

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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: April 15, 1991

MARINE CENTER: Pacific

OPR: O-186-RA

HYDROGRAPHIC SHEET: H-10357 (REVISED)

LOCALITY: North Portion of Idaho Inlet, Icy Strait, Alaska

TIME PERIOD: October 8 to October 23, 1990

TIDE STATIONS USED: 945-2569 Lemesurier Is., Icy Strait, Alaska
Lat. $58^{\circ} 18.8'N$ Lon. $136^{\circ} 2.2'W$

945-2596 Idaho Inlet (South End), Icy Strait,
Alaska
Lat. $58^{\circ} 5.4'N$ Lon. $136^{\circ} 10.0'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 945-2569 = 8.05 ft.
945-2596 = 11.58 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 945-2569 = 12.2 ft.
945-2596 = 11.5 ft.

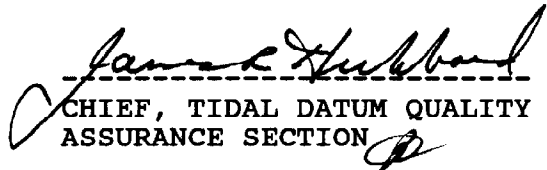
REMARKS: RECOMMENDED ZONING

1. West of $136^{\circ} 5.5'W$, east of $136^{\circ} 8.5'W$ and north of $58^{\circ} 12.2'N$, times are direct and apply a X0.95 range ratio to Lemesurier Is. (945-2569).
2. West of $136^{\circ} 8.5'W$, east of $136^{\circ} 11.5'W$ and north of $58^{\circ} 12.2'N$, times are direct and apply a X0.93 range ratio to Lemesurier Is. (945-2569).

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3. West of $136^{\circ} 11.5'W$, east of $136^{\circ} 14.5'W$ and north of $58^{\circ} 12.2'N$, times are direct and apply a X0.90 range ratio to Lemesurier Is. (945-2569).
4. West of $136^{\circ} 14.5'W$, east of $136^{\circ} 17.5'W$ and north of $58^{\circ} 12.2'N$, times are direct and apply a X0.88 range ratio to Lemesurier Is. (945-2569).
5. In Idaho Inlet, south of $58^{\circ} 12.2'N$ and north of $58^{\circ} 9.0'N$, apply a -0 hr. 6 min. time correction and a x0.98 range ratio to Idaho Inlet (945-2596).

Note: Times are tabulated in Greenwich Mean Time.



CHIEF, TIDAL DATUM QUALITY
ASSURANCE SECTION