

ORIGINAL



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: January 27, 1993

MARINE CENTER: Pacific

OPR: P319-RA

HYDROGRAPHIC SHEET: H-10431 (amended)

LOCALITY: Knik Arm Shoal, Cook Inlet, Alaska

TIME PERIOD: June 16 - August 2, 1992

TIDE STATION USED: 945-5920 Anchorage, Alaska
Lat. $61^{\circ} 14.3'N$ Lon. $149^{\circ} 53.3'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 6.41 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 28.3 ft.

REMARKS: RECOMMENDED ZONING

1. In Cook Inlet, north of $61^{\circ} 8.6'N$, south of $61^{\circ} 15.6'N$, east of $150^{\circ} 15.0'W$ and west of $150^{\circ} 5.0'W$, apply a -20 minute time correction and a x0.92 range ratio.
2. In Cook Inlet, north of $61^{\circ} 10.0'N$, south of $61^{\circ} 15.6'N$, east of $150^{\circ} 5.0'W$ and west of $150^{\circ} 1.4'W$, apply a -10 minute time correction and a x0.94 range ratio.
3. In Cook Inlet, north of $61^{\circ} 10.0'N$, south of $61^{\circ} 15.6'N$, east of $150^{\circ} 1.4'W$ and west of $149^{\circ} 59.0'W$, apply a -5 minute time correction and a x0.96 range ratio.

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4. In Cook Inlet, north of $61^{\circ} 10.0'N$, south of $61^{\circ} 15.6'N$, east of $149^{\circ} 59.0'W$ and west of $149^{\circ} 55.8'W$, times are direct and apply a $\times 0.98$ range ratio.

Notes: Hourly heights are tabulated in Alaskan Standard Time.



CHIEF, DATUMS SECTION