



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Office of Ocean and Earth Sciences
Silver Spring, Maryland 20910

ORIGINAL

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: October 28, 1994

MARINE CENTER: Pacific

OPR: P180

HYDROGRAPHIC SHEET: H-10557

LOCALITY: Four NM Southwest of Cape Kumlik, Shelikof Strait,
Alaska

TIME PERIOD: July 26 - August 8, 1994

TIDE STATION USED: 945-8665 West Sutwik Island
Alaska
Lat. $56^{\circ} 32.4'N$ Lon. $157^{\circ} 19.6'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = 1.40 feet

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 8.6 feet

TIDE STATION USED: 945-8704 Cape Kumlik (Kumlik Island)
Alaska
Lat. $56^{\circ} 38.8'N$ Lon. $157^{\circ} 25.5'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = -1.15 feet

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 8.9 feet



REMARKS: RECOMMENDED ZONING

1. North of $56^{\circ} 34.5'N$ times and heights are direct on Cape Kumlik (Kumlik Island), Ak. (945-8704). Where data for Cape Kumlik is not available, use West Sutwik Island, Ak. (945-8665) with times direct, and apply a X1.03 range ratio to the heights.
2. South of $56^{\circ} 34.5'N$ times and heights are direct on West Sutwik Island, Ak. (945-8665).

NOTES: Hourly heights are tabulated on Greenwich Mean Time. The data for Cape Kumlik (Kumlik Island), Ak. (945-8704), and West Sutwik Island, Ak. (945-8665) are stored in the Next Generation Water Level Measurement System temporary files #745-8704 and #745-8665 respectively.


CHIEF, DATUMS SECTION