



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-10543

LOCALITY: Kumlik Island and vicinity, Shelikof Strait, Alaska

TIME PERIOD: May 27 - June 19, 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), Ak.  
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

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.

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.

*William M. Hobbs*  
CHIEF, DATUMS SECTION

