



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

ORIGINAL

DATE: January 5, 1994

MARINE CENTER: Pacific

OPR: P180

HYDROGRAPHIC SHEET: H-10484

LOCALITY: Southeast Approach to Amber Bay,  
Shelikof Strait, Alaska

TIME PERIOD: June 29, 1993 - July 17, 1993

TIDE STATION USED: 945-8631 Cape Kunmik, Alaska  
Lat.  $56^{\circ} 47.5'N$  Lon.  $157^{\circ} 07.5'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = 1.01 feet

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 9.2 feet

REMARKS: RECOMMENDED ZONING

Times are direct and apply a x0.96 range ratio to heights at  
Cape Kunmik, Ak. (945-8631).

NOTE: Hourly heights are tabulated on Greenwich Mean Time.

*William M. J. J.*  
CHIEF, DATUMS SECTION

J.F.J.

