



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**

**DATE:** March 18, 1994

**MARINE CENTER:** Pacific

ORIGINAL

**OPR:** P180

**HYDROGRAPHIC SHEET:** H-10490 (amended)

**LOCALITY:** Aniakchak Bay, Shelikof Strait, Alaska

**TIME PERIOD:** July 22, 1993 - August 6, 1993

**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):** = -0.88 feet

**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** = 8.7 feet

**REMARKS: RECOMMENDED ZONING**

1. Times are direct and apply a x1.03 range ratio to heights at Cape Kumlik (Kumlik Island), Ak. (945-8704).

**NOTES:** Hourly heights are tabulated on Greenwich Mean Time.  
The data for Cape Kumlik (Kumlik Island), Ak. (945-8704)  
is stored in the back-up gauge file # 945-8705.

*William M. Fisher*  
CHIEF, DATUMS SECTION

