



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: October 20, 1998

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: OPR-0380-RA
HYDROGRAPHIC SHEET: H-10818

LOCALITY: Shakan Strait and Approaches, Alaska
TIME PERIOD: June 2 - June 11, 1998

TIDE STATION USED: 945-0982 Shakan Bay Entrance, AK
Lat. $56^{\circ} 08.2'N$ Lon. $133^{\circ} 36.1'W$
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.324 meters

TIDE STATION USED: 945-0987 Shakan Strait, AK
Lat. $56^{\circ} 08.8'N$ Lon. $133^{\circ} 27.8'W$
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.240 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: SEA320, SEA323, SEA324 & SEA327.

Refer to attachments for zoning information.

Note 1: Provided time series data are tabulated in metric units (meters), relative to MLLW and on Greenwich Mean Time.

Note 2: Use tide data from the appropriate station for each zone according to the order in which they are listed in the Tidezone corrector files. For example, tide station one (TS1) would be the first choice for an applicable zone followed by TS2, etc. when data are not available. All zones within a survey sheet may not have the same order of applicable tide stations.

Thomas N. Mero 10/20/98
CHIEF, REQUIREMENTS AND ENGINEERING BRANCH

