



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Ocean Service
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : October 2, 2006

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-P183-FA-2006
HYDROGRAPHIC SHEET: H11580

LOCALITY: The Haystacks to Gorman Strait, Shumagin Islands and Vicinity, AK
TIME PERIOD: June 18 - July 25, 2006

TIDE STATION USED: 945-9450 Sand Point, AK
Lat. 55° 19.90'N Long. 160° 30.26' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.988 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: SWA193A

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 on the 1983-2001 National Tidal Datum Epoch (NTDE).



CHIEF PRODUCTS AND SERVICES DIVISION



Final tide zone node point locations for OPR-P183-FA-2006, H11580

Format: Tide Station (in recommended order of use)
 Average Time Correction (in minutes)
 Range Correction
 Longitude in decimal degrees (negative value denotes Longitude West),
 Latitude in decimal degrees

	Tide Station Order	AVG Time Correction	Range Correction
Zone SWA193A	945-9450	0	1.02
-160.413652 55.714204			
-160.84746 55.595838			
-160.742316 55.493253			
-160.481674 55.347903			
-160.176243 55.234593			
-159.945566 55.149017			
-159.91114 55.213315			
-159.777635 55.47708			
-160.317429 55.676669			
-160.413652 55.714204			