



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: September 28, 2004

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-P182-RA-2003
HYDROGRAPHIC SHEET: H11233

LOCALITY: Approaches to Kuiu Bay and Herring Lagoon, AK
TIME PERIOD: July 26 - August 8, 2003

TIDE STATION USED: 945-8964 Hump Island, Alaska
Lat. 56° 06.8'N Lon. 158° 35.9'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.174 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: SWA169 & SWA180.

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).

Fa *Debal*

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR-P182-RA-2003, Sheet H11233.

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 SWA169	945-8964	-6	1.06
-158.41177 56.075263			
-158.249691 56.02319			
-157.900613 55.91079			
-157.130644 55.737042			
-157.046414 55.726228			
-157.221105 55.612695			
-157.279247 55.54056			
-158.028274 55.755495			
-158.671891 55.997061			
-158.646196 56.017708			
-158.556712 56.03303			
-158.510936 56.038617			
-158.48576 56.070531			
-158.523965 56.114338			
-158.477124 56.130876			
-158.477124 56.130876			
-158.4259 56.110439			
-158.41177 56.075263			
Zone SWA180	945-8964	-6	1.02
-157.279247 55.54056			
-158.028274 55.755495			
-158.671891 55.997061			
-158.786681 56.04173			
-159.00679 55.967334			
-158.814087 55.888574			
-158.303591 55.633161			
-157.449769 55.311901			
-157.279247 55.54056			