



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: April 27, 2005

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-0167-FA-2004
HYDROGRAPHIC SHEET: H11362

LOCALITY: Decision Pass, AK

TIME PERIOD: September 9 - 26, 2004

TIDE STATION USED: 945-1600 Sitka, AK
Lat. 57° 03.1'N Lon. 135° 20.5'W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.791 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: SA220, SA221, SA230, SA231 &
SA232

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 new 1983-2001 National Tidal Datum Epoch (NTDE).

Note 2: The subordinate tide gauge at Cape Decision (945-0891) installed for this project did not record valid data and cannot be used for final zoning. The control water level station at Sitka (945-1600) is used as the reference station for the purpose of providing tide correction. The resulting error of tidal zoning cannot be quantified.

Thomas V. Mew 5/3/05

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR-O167-FA-2004, H11362

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 SA220	945-1600	-6	1.16
-134.125716 56.103848			
-134.161636 56.095349			
-134.189837 56.058248			
-134.157697 56.061355			
-134.133307 56.009351			
-134.105176 55.985391			
-134.002369 55.955109			
-133.930715 55.921888			
-133.914207 55.918249			
-133.892388 55.935043			
-133.928642 55.991789			
-133.985759 56.044713			
-134.048067 56.078408			
-134.094615 56.093882			
-134.125716 56.103848			
Zone SA221	945-1600	-6	1.13
-133.930715 55.921888			
-133.924482 55.879303			
-134.032039 55.911949			
-134.129838 55.946046			
-134.127483 55.956102			
-134.120182 55.968104			
-134.116446 55.974103			
-134.105176 55.985391			
-134.002369 55.955109			
-133.930715 55.921888			
Zone SA230	945-1600	-6	1.14
-134.105176 55.985391			
-134.116446 55.974103			
-134.152043 55.986887			
-134.1975 56.009473			
-134.225381 56.030552			
-134.234444 56.051619			

-134.229566 56.069165
-134.189837 56.058248
-134.157697 56.061355
-134.133307 56.009351
-134.105176 55.985391

Zone SA231

945-1600

-6

1.12

-134.127483 55.956102
-134.129838 55.946046
-134.134066 55.919173
-134.347886 56.051564
-134.523478 56.141033
-134.66511 56.206372
-134.660329 56.221471
-134.658677 56.2343
-134.229566 56.069165
-134.234444 56.051619
-134.225381 56.030552
-134.1975 56.009473

-134.152043 55.986887
-134.116446 55.974103
-134.120182 55.968104
-134.127483 55.956102

Zone SA232

945-1600

-6

1.09

-134.180977 55.897983
-134.262078 55.874672
-134.273112 55.929502
-134.396857 56.019466
-134.559311 56.120354
-134.668297 56.183267
-134.668297 56.183267
-134.665109 56.190378
-134.66511 56.206372
-134.523478 56.141033
-134.347886 56.051564
-134.134066 55.919173
-134.140478 55.91373
-134.180977 55.897983