



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : March 2, 2006

HYDROGRAPHIC BRANCH: Pacific Hydrographic Branch
HYDROGRAPHIC PROJECT: OPR-O167-FA-2005
HYDROGRAPHIC SHEET: H11363

LOCALITY: Southern Portion of Spanish Islands, Cape Decision, AK
TIME PERIOD: April 23 - May 30, 2005

TIDE STATION USED: 945-0913 Kuiu Island, AK
Lat. 56 02.2' N Long. 134 06.9' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.052 meters

TIDE STATION USED: 945-1600 Sitka, AK
Lat. 57 03.1' N Long. 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: SA221, SA226, SA230, SA231, SA232 & SA474

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).

Note 2: Use tide data from the appropriate station with applicable zoning correctors for each zone according to the order in which they are listed in the Tidezone corrector file (*.ZDF). For example, tide station one (TS1) would be the first choice for an applicable zone followed by TS2, etc. when data are not available.

CHIEF, PRODUCTS AND SERVICES DIVISION



Final tide zone node point locations for OPR-O167-FA-2006, H11363

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 SA221	945-0913	0	0.99
-133.918824 55.920763	945-1600	-6	1.11
-133.924482 55.879303			
-133.899667 55.858593			
-133.905302 55.848019			
-133.9776 55.875591			
-134.129045 55.93643			
-134.129838 55.946046			
-134.127483 55.956102			
-134.120182 55.968104			
-134.116446 55.974103			
-134.103618 55.985751			
-133.918824 55.920763			
Zone SA226	945-0913	0	0.97
-134.129045 55.93643	945-1600	-6	1.09
-134.180977 55.897983			
-134.221058 55.886934			
-134.068642 55.822675			
-133.880478 55.762336			
-133.719365 55.733084			
-133.624251 55.7308			
-133.664038 55.762388			
-133.647453 55.795975			
-133.757776 55.815873			
-133.905302 55.848019			
-133.9776 55.875591			
-134.129045 55.93643			
Zone SA230	945-0913	0	1.00
-134.103618 55.985751	945-1600	-6	1.12
-134.116446 55.974103			
-134.152043 55.986887			
-134.1975 56.009473			
-134.225381 56.030552			
-134.234444 56.051619			
-134.229566 56.069165			

-134.196563 56.063958			
-134.157697 56.061355			
-134.133307 56.009351			
-134.103618 55.985751			
Zone SA231	945-0913	0	0.99
-134.127483 55.956102	945-1600	-6	1.11
-134.129838 55.946046			
-134.129045 55.93643			
-134.347886 56.051564			
-134.523478 56.141033			
-134.66511 56.206372			
-134.660329 56.221471			
-134.450616 56.132362			
-134.287082 56.064682			
-134.228756 56.03766			
-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	945-0913	0	0.97
-134.180977 55.897983	945-1600	-6	1.09
-134.221058 55.886934			
-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			
-134.129045 55.93643			
-134.180977 55.897983			
Zone SA474	945-0913	0	1.00
-133.853342 55.905959	945-1600	-6	1.13
-133.790829 55.910042			
-133.714505 55.903509			
-133.717304 55.925575			
-133.723878 55.963757			
-133.77518 55.987536			
-133.849498 56.010574			
-133.982323 56.051299			
-134.108822 56.085794			
-134.153367 56.100996			

-134.170435 56.087094
-134.157697 56.061355
-134.133307 56.009351
-134.103618 55.985751
-133.918824 55.920763
-133.853342 55.905959