



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : December 19, 2005

HYDROGRAPHIC BRANCH: Pacific Hydrographic Branch

HYDROGRAPHIC PROJECT: OPR-P909-RA-2005

HYDROGRAPHIC SHEET: H11483

LOCALITY: Vicinity of Semidi Island, AK

TIME PERIOD: July 18 to August 10, 2005

TIDE STATION USED: Sand Point, AK 945-9450

Lat. 55 19.9' N Long. 160 30.3' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.988 meters

TIDE STATION USED: Kodiak, AK 945-7292

Lat. 57 43.8' N Long. 152 30.8' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters


HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.400 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: SWA148, SWA149, SWA150, SWA151, SWA152,
SWA153, SWA154, SWA155, SWA169, SWA170,
SWA180, SWA181, SS91, SS94, SS101, SS104 &
SS105

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-P909-RV-2005, H11483

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 SWA148	945-9450	-18	1.21
-155.089371 55.790272			
-155.65796 55.784023			
-156.425537 55.827042			
-156.981997 55.897305			
-157.142303 55.760791			
-156.292961 55.629358			
-155.671598 55.573477			
-155.362993 55.560701			
-155.089371 55.790272			
Zone SWA149	945-9450	-18	1.25
-154.954487 55.937279			
-155.081499 55.931725			
-155.744446 55.919675			
-156.814151 55.990896			
-156.981997 55.897305			
-156.425537 55.827042			
-155.65796 55.784023			
-155.089371 55.790272			
-154.991989 55.885426			
-154.954487 55.937279			
Zone SWA150	945-9450	-18	1.29
-154.864755 56.102156			
-155.133653 56.089296			
-155.798963 56.053871			
-156.640832 56.102324			
-156.814151 55.990896			
-155.744446 55.919675			
-155.081499 55.931725			
-154.954487 55.937279			
-154.873558 56.048921			
-154.864755 56.102156			
Zone SWA151	945-9450	-18	1.33
-154.842056 56.230755			
-154.864755 56.102156			

-155.133653 56.089296			
-155.798963 56.053871			
-156.640832 56.102324			
-156.451752 56.212443			
-155.871846 56.188861			
-155.33695 56.20937			
-154.956803 56.22315			
-154.842056 56.230755			
Zone SWA152	945-7292	18	1.05
-154.82337 56.317191			
-155.395724 56.297146			
-155.892917 56.30017			
-156.307887 56.317676			
-156.451752 56.212443			
-155.871846 56.188861			
-155.33695 56.20937			
-154.956803 56.22315			
-154.842056 56.230755			
-154.82337 56.317191			
Zone SWA153	945-7292	18	1.08
-154.757139 56.401913			
-154.898488 56.394421			
-155.159781 56.385702			
-155.341686 56.384597			
-155.59396 56.384607			
-155.800583 56.384674			
-156.199466 56.398178			
-156.307887 56.317676			
-155.892917 56.30017			
-155.395724 56.297146			
-154.82337 56.317191			
-154.757139 56.401913			
Zone SWA154	945-7292	30	1.08
-156.199466 56.398178			
-156.64511 56.424375			
-156.927793 56.478454			
-157.004841 56.503826			
-157.107648 56.445969			
-156.937857 56.395634			
-156.704922 56.352554			
-156.307887 56.317676			
-156.199466 56.398178			
Zone SWA155	945-7292	30	1.05
-157.107648 56.445969			
-157.241858 56.370111			
-157.032765 56.306289			

-156.730153 56.246814
-156.451752 56.212443
-156.307887 56.317676
-156.704922 56.352554
-156.937857 56.395634
-157.107648 56.445969

Zone SWA169

945-9450

-6

1.18

-158.357095 56.192143
-158.352707 56.167654
-158.358384 56.13423
-158.152343 56.052012
-158.050094 56.010801
-157.661601 55.871655
-157.142303 55.760791
-157.229433 55.659196
-157.310831 55.570259
-157.934326 55.778669
-158.239463 55.914375
-158.421429 56.007001
-158.483459 56.039447
-158.510936 56.038617
-158.48576 56.070531
-158.523965 56.114338
-158.477124 56.130876
-158.477124 56.130876
-158.430272 56.19459
-158.357095 56.192143

Zone SWA170

945-9450

-18

1.18

-155.362993 55.560701
-155.671598 55.573477
-156.292961 55.629358
-157.142303 55.760791
-157.229433 55.659196
-157.310831 55.570259
-155.726846 55.307255
-155.362993 55.560701

Zone SWA180

945-9450

-6

1.14

-157.310831 55.570259
-157.934326 55.778669
-158.239463 55.914375
-158.421429 56.007001
-158.483459 56.039447
-158.510936 56.038617
-158.556712 56.03303
-158.646196 56.017708
-158.671891 55.997061

-158.695213 55.986881
-158.694834 55.973475
-158.681231 55.953931
-158.504524 55.833366
-158.207958 55.662824
-157.434421 55.337217
-157.310831 55.570259

Zone SWA181

945-9450

-6

1.1

-157.434421 55.337217
-157.556936 55.084911
-157.930575 55.210466
-158.571047 55.495877
-158.907942 55.693171
-159.13617 55.839591
-159.223754 55.922913
-159.31513 56.008739
-158.902585 56.094928
-158.671891 55.997061
-158.695213 55.986881
-158.694834 55.973475
-158.681231 55.953931
-158.504524 55.833366
-158.207958 55.662824
-157.434421 55.337217

Zone SS91

945-7292

30

1.18

-155.896845 56.665606
-156.053759 56.678119
-156.349558 56.713681
-156.625831 56.770567
-156.688491 56.795451
-156.724502 56.745546
-156.768919 56.698906
-156.693706 56.676334
-156.411185 56.62761
-156.024281 56.592796
-155.958501 56.588565
-155.896845 56.665606

Zone SS94

945-7292

30

1.16

-156.768919 56.698906
-156.805961 56.659028
-156.71866 56.63386
-156.439676 56.585981
-155.996183 56.55001
-155.958501 56.588565
-156.024281 56.592796
-156.411185 56.62761

-156.693706 56.676334			
-156.768919 56.698906			
Zone SS101	945-7292	30	1.14
-155.996183 56.55001			
-156.439676 56.585981			
-156.71866 56.63386			
-156.805961 56.659028			
-156.895859 56.565337			
-156.72051 56.52476			
-156.478477 56.494118			
-156.080347 56.475447			
-155.996183 56.55001			
Zone SS104	945-7292	30	1.11
-156.080347 56.475447			
-156.478477 56.494118			
-156.72051 56.52476			
-156.895859 56.565337			
-157.004841 56.503826			
-156.927793 56.478454			
-156.64511 56.424375			
-156.199466 56.398178			
-156.080347 56.475447			
Zone SS105	945-7292	24	1.11
-155.59396 56.384607			
-155.800583 56.384674			
-156.199466 56.398178			
-156.080347 56.475447			
-155.606241 56.455911			
-155.298961 56.456224			
-155.341686 56.384597			
-155.59396 56.384607			