



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL OCEAN SERVICE

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

DATE: January 5, 1998

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: OPR-P182-RA  
HYDROGRAPHIC SHEET: H-10701A

LOCALITY: Southwest Alaska Peninsula

TIME PERIOD: Jul 24 - Aug 26, 1997

TIDE STATION USED: 945-8762 Unavikshak Island, AK.  
Lat. 56° 29.5'N Lon. 157° 44.4'W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.519 meters

TIDE STATION USED: 945-8849 Chankluit Island, AK.  
Lat. 56° 08.8'N Lon. 158° 06.4'W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.367 meters

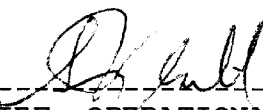
TIDE STATION USED: 945-8917 Chignik, Anchorage Bay, AK.  
Lat. 56° 17.8'N Lon. 158° 24.0'W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.486 meters

**REMARKS: RECOMMENDED ZONING**

Use zone(s) identified as: SAP7, SAP8, SAP11 & SAP13  
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.

Note 2: Use tide data from the appropriate station for each zone according to the order in which they are listed in the "Tidezone" corrector files. For example, tide station one (TS1) would be the first choice for an applicable zone followed by TS2, etc. when data are not available. All zones within a survey sheet may not have the same order of applicable tide stations.

  
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CHIEF, OPERATIONAL ANALYSIS BRANCH



Final tide zone node point locations for OPR P182-RA-97,  
Sheet H-10701A

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

		Tide Station Order	AVG Time Correction	Range Correction
ZoneSAP7				
-158.130628	56.461475	945-8917	0	1.00
-158.474563	56.325022	945-8762	0	0.98
-158.422005	56.199729	945-8849	0	1.05
-158.355785	56.200309			
-158.358075	56.156015			
-158.122839	56.241028			
-156.778131	56.154977			
-156.465239	56.171892			
-156.253456	56.311786			
-156.986771	56.288084			
-157.826885	56.36808			
-157.940076	56.386887			
-158.130628	56.461475			
Zone SAP8				
-158.474563	56.325022	945-8917	0	1.02
-158.130628	56.461475	945-8762	0	1.00
-158.435831	56.508574	945-8849	0	1.08
-158.534417	56.380701			
-158.474563	56.325022			
Zone SAP11				
-158.17548	56.528131	9458762	0	1.00
-158.130628	56.461475	9458917	0	1.03
-157.940076	56.386887	9458849	0	1.09
-157.826885	56.36808			
-156.986771	56.288084			
-156.253456	56.311786			
-156.052556	56.44225			
-156.765615	56.399588			
-157.202448	56.418381			
-157.821992	56.516328			
-158.17548	56.528131			
Zone SAP13				
-157.784139	56.754504	945-8762	0	1.05

-158.205035	56.604023	945-8917	0	1.07
-158.17548	56.528131	945-8849	0	1.13
-157.821992	56.516328			
-157.202448	56.418381			
-156.765615	56.399588			
-156.052556	56.44225			
-155.865614	56.562087			
-156.50579	56.508002			
-156.974332	56.511196			
-156.989667	56.533217			
-157.013216	56.550903			
-157.271989	56.564698			
-157.500459	56.63578			
-157.784139	56.754504			