



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

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE:** November 30, 2001

**HYDROGRAPHIC BRANCH:** Pacific  
**HYDROGRAPHIC PROJECT:** OPR-P359-RA-2001  
**HYDROGRAPHIC SHEET:** H11072

**LOCALITY:** Approaches to Seward, AK  
**TIME PERIOD:** Aug. 31 - Sept. 21, 2001

**TIDE STATION USED:** 945-5090 Seward, AK  
Lat. 60° 7.2'N Lon. 149° 25.6'W  
**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 2.947 meters

**REMARKS:** RECOMMENDED ZONING  
Use zone(s) identified as: CA500.

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.

*Thomas V. Mero 12/3/01*  
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**CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION**



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Final tide zone node point locations for **OPR-P359-RA-2001**,  
**Sheet H11072.**

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 CA500	945-5090	0	1.00
-149.592208 59.893478			
-149.456543 59.97201			
-149.478042 60.144898			
-149.336485 60.132389			
-149.153716 60.068871			
-149.280941 59.957638			
-149.290309 59.895001			
-149.567018 59.750298			
-149.560923 59.760449			
-149.596704 59.764695			
-149.607227 59.803421			
-149.63564 59.804481			
-149.592208 59.893478			