



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: H11074

LOCALITY: Entrance to Resurrection Bay and Harding Gateway, AK
TIME PERIOD: Aug. 16 - Sept. 19, 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 & CA501.

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. Meier 12/3/01

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION

Final tide zone node point locations for **OPR-P359-RA-2001**,
Sheet H11074.

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 | | | |
| Zone CA501 | 945-5090 | 0 | 1.00 |
| -148.826452 59.763477 | | | |
| -149.070356 59.957131 | | | |
| -149.070356 59.957131 | | | |
| -149.169456 59.931179 | | | |
| -149.290309 59.895001 | | | |
| -149.567018 59.750298 | | | |
| -149.527047 59.714435 | | | |
| -149.307008 59.573642 | | | |
| -149.157057 59.403902 | | | |
| -148.655827 59.530663 | | | |
| -148.826452 59.763477 | | | |