



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
OFFICE OF COAST SURVEY
Pacific Hydrographic Branch
Seattle, Washington 98115-0070

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: March 25, 1999

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: OPR-P139-RA-98
HYDROGRAPHIC SHEET: H-10852

LOCALITY: Prince William Sound, AK
Drier Bay

TIME PERIOD: Jul 25 - Sep 15, 1998

TIDE STATION USED: 945-4050 Cordova, AK
Lat. 60° 33.5'N Lon. 145° 45.2'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.529 meters

TIDE STATION USED: 945-4240 Valdez, AK
Lat. 61° 07.5'N Lon. 146° 21.7'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.389 meters

TIDE STATION USED: 945-4673 Port Audrey, AK
Lat. 60° 20.6'N Lon. 147° 46.2'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.301 meters

TIDE STATION USED: 945-4691 Herring Point, Knight Island, AK
Lat. 60° 28.4'N Lon. 147° 47.6'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.326 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: PWS35 & PWS35A.

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 (note: this may not be the same order as presented on the Tide Note). 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.

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION

Final tide zone node point locations for OPR P139-RA-98,
Sheet H-10852.

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	AVG Time	Range
Order	Correction	Correction
Zone PWS35		
60.30568	9454691 0	0.99 -148.056259
60.349312	9454240 0	0.97 -148.0161
60.372318	9454050 0	0.93 -148.008357
-147.785618	60.363112	
-147.805714	60.328803	
-147.858271	60.320562	
-147.859073	60.284191	
-147.795727	60.252696	
-147.921026	60.250008	
-148.119888	60.301206	
-148.056259	60.30568	
Zone PWS35A		
60.363112	9454673 0	1.00 -147.785618
60.328803	9454240 0	0.97 -147.805714
60.320562	9454050 0	0.93 -147.858271
-147.859073	60.284191	
-147.795727	60.252696	
-147.714171	60.32066	
-147.785618	60.363112	