



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: September 5, 2002

HYDROGRAPHIC BRANCH: Pacific  
HYDROGRAPHIC PROJECT: OPR-O112-RA-2002  
HYDROGRAPHIC SHEET: H11108

LOCALITY: Peril Strait, Alaska  
TIME PERIOD: April 4 - May 21, 20020

TIDE STATION USED: 945-1853 Sergius Narrows  
Lat. 57° 24.6' N Lon. 135° 37.6' W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.703 meters

TIDE STATION USED: 945-1936 Provorotni Island  
Lat. 57° 30.9' N Lon. 135° 33.2' W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.314 meters

REMARKS: RECOMMENDED ZONING  
Use zone(s) identified as: SEA219, SEA220, SEA221, SEA222,  
SEA223, SEA224, SEA225, SEA226

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* 9/11/02  
CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



### Final tide zone node point locations for OPR-O112-RA-2002, H11108

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 SEA219	945-1853	0	1.05
-135.618952 57.42304			
-135.609422 57.425903			
-135.600833 57.426647			
-135.588488 57.422341			
-135.579502 57.416323			
-135.58939 57.411756			
-135.593468 57.411852			
-135.601951 57.416674			
-135.607129 57.418909			
-135.618952 57.42304			
Zone SEA220	945-1853	0	1.06
-135.602998 57.442829			
-135.593706 57.439181			
-135.586153 57.435865			
-135.56162 57.427734			
-135.560755 57.425174			
-135.570002 57.417213			
-135.579502 57.416323			
-135.588488 57.422341			
-135.600833 57.426647			
-135.630575 57.438512			
-135.64668 57.44826			
-135.635043 57.452237			
-135.602998 57.442829			
Zone SEA221	945-1853	0	1.08
-135.586153 57.435865			
-135.593706 57.439181			
-135.602998 57.442829			
-135.602998 57.442829			
-135.584256 57.449802			
-135.564006 57.441263			

-135.548703 57.436887  
-135.549326 57.424893  
-135.56162 57.427734  
-135.586153 57.435865

Zone SEA222

945-1853

0

1.1

-135.548703 57.445179  
-135.546782 57.447968  
-135.546782 57.447968  
-135.55559 57.453387  
-135.566054 57.454534  
-135.577765 57.453021  
-135.584256 57.449802  
-135.564006 57.441263  
-135.548703 57.445179

Zone SEA223

945-1936

6

0.94

-135.55559 57.453387  
-135.557775 57.45694  
-135.558554 57.464775  
-135.527399 57.462536  
-135.529706 57.443737  
-135.546782 57.447968  
-135.55559 57.453387

Zone SEA224

945-1936

6

0.96

-135.558554 57.464775  
-135.55466 57.478484  
-135.531034 57.477785  
-135.527399 57.462536  
-135.558554 57.464775

Zone SEA225

945-1936

6

0.97

-135.55466 57.478484  
-135.559073 57.493726  
-135.537784 57.492747  
-135.530513 57.484075  
-135.531034 57.477785  
-135.55466 57.478484

Zone SEA226

945-1936

0

0.99

-135.537784 57.492747  
-135.537977 57.497959  
-135.549428 57.509099  
-135.571262 57.512555  
-135.569228 57.498756  
-135.559073 57.493726  
-135.537784 57.492747