



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: August 9, 2000

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-O327-RA-2000
HYDROGRAPHIC SHEET: H-10950

LOCALITY: Northern Clarence Strait, AK
TIME PERIOD: April 10 - May 10, 2000

TIDE STATION USED: 945-1074 Bushy Island, AK
Lat. 56° 16.6'N Lon. 132° 59.1'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.219 meters

TIDE STATION USED: 945-1005 Point Harrington, AK
Lat. 56° 10.7'N Lon. 132° 41.8'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.582 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: SA91, SA92, SA94, SA95, SA97,
SA98 & SA99.

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 with applicable zoning correctors 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.

for 

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR-O327-RA-2000,
Sheet H-10950.

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
Zone SA91			
-132.758279 56.185631	945-1005	0	1.00
-132.786341 56.14964	945-1074	0	1.09
-132.825403 56.114262			
-132.872146 56.083469			
-132.930573 56.055453			
-132.844605 56.033499			
-132.796915 56.060436			
-132.748809 56.093048			
-132.698049 56.13284			
-132.712426 56.163369			
-132.724219 56.169029			
-132.758279 56.185631			
Zone SA92			
-132.705162 56.266155	945-1005	0	0.99
-132.753269 56.2615	945-1074	+6	1.09
-132.745521 56.228489			
-132.758279 56.185631			
-132.724219 56.169029			
-132.705008 56.195694			
-132.671161 56.201236			
-132.68295 56.235755			
-132.705162 56.266155			
Zone SA94			
-132.819909 56.249647	945-1005	0	0.98
-132.820835 56.229545	945-1074	0	1.07
-132.830092 56.20221			
-132.853262 56.169271			
-132.888001 56.137569			

-132.918885 56.117055
-132.991502 56.083463
-132.955125 56.053523
-132.930573 56.055453
-132.872146 56.083469
-132.825403 56.114262
-132.786341 56.14964
-132.758279 56.185631
-132.745521 56.228489
-132.753269 56.2615
-132.819909 56.249647

Zone SA95

-132.819909 56.249647	945-1074	0	1.06
-132.820835 56.229545			
-132.830092 56.20221			
-132.853262 56.169271			
-132.888001 56.137569			
-132.918885 56.117055			
-132.991502 56.083463			
-133.061679 56.127957			
-132.985325 56.156824			
-132.938808 56.176132			
-132.901307 56.202925			
-132.87025 56.235574			
-132.819909 56.249647			

Zone SA97

-133.061679 56.127957	945-1074	0	1.04
-133.078443 56.130625			
-133.052426 56.182742			
-132.972294 56.210027			
-132.932776 56.230532			
-132.896616 56.261345			
-132.870815 56.248432			
-132.87025 56.235574			
-132.901307 56.202925			
-132.938808 56.176132			
-132.985325 56.156824			
-133.061679 56.127957			

Zone SA98

-132.896616 56.261345	945-1074	0	1.03
-132.932776 56.230532			
-132.972294 56.210027			

-133.052426 56.182742
-133.098402 56.164074
-133.089589 56.213798
-133.00072 56.241537
-132.977659 56.252314
-132.960776 56.258734
-132.932773 56.277983
-132.896616 56.261345

Zone SA99

-132.932773 56.277983
-132.939922 56.290819
-132.958303 56.298823
-132.992482 56.277293
-133.025426 56.264231
-133.083076 56.244973
-133.089589 56.213798
-133.00072 56.241537
-132.977659 56.252314
-132.960776 56.258734
-132.932773 56.277983

945-1074

0

1.01