



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Ocean Service
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : May 9th, 2005

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: OPR-P139-TC-2004 OPR-P182-BA-04

HYDROGRAPHIC SHEET: H11366

LOCALITY: Vicinity of Bligh Reef, Prince William Sound, AK

TIME PERIOD: September 9 - 13, 2004

TIDE STATION USED: 945-4374 Busby Island, AK

Lat. 60 53.9'N Long. 146 46.9' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.360 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: PWS64, PWS67 & PWS72

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 on the 1983-2001 National Tidal Datum Epoch (NTDE).

Thomas N. Mero 5/16/05

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR-P132-RA-2004, H11366

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 PWS64 | 945-4374 | 0 | 1.01 |
| -147.330451 60.530561 | | | |
| -147.324012 60.665001 | | | |
| -147.1433 60.855198 | | | |
| -146.791093 60.808252 | | | |
| -146.747107 60.792346 | | | |
| -146.660189 60.771173 | | | |
| -146.604574 60.759989 | | | |
| -146.592277 60.728034 | | | |
| -146.45573 60.714099 | | | |
| -146.484047 60.676438 | | | |
| -146.603222 60.486673 | | | |
| -146.751935 60.491074 | | | |
| -147.002014 60.497978 | | | |
| -147.183429 60.512725 | | | |
| -147.305728 60.531336 | | | |
| -147.330451 60.530561 | | | |
| Zone PWS67 | 945-4374 | 0 | 1.00 |
| -147.1433 60.855198 | | | |
| -147.025646 60.885186 | | | |
| -146.948102 60.925559 | | | |
| -146.928717 60.942475 | | | |
| -146.835761 61.066624 | | | |
| -146.749176 61.076016 | | | |
| -146.741526 61.049043 | | | |
| -146.666789 61.03092 | | | |
| -146.648105 61.018294 | | | |
| -146.465267 60.987839 | | | |
| -146.544989 60.924153 | | | |
| -146.637467 60.902731 | | | |
| -146.734514 60.910021 | | | |
| -146.76628 60.881842 | | | |
| -146.784771 60.8652 | | | |

-146.793773 60.859141
-146.732848 60.815648
-146.791093 60.808252
-147.1433 60.855198

Zone PWS72

945-4374

0

0.99

-147.373266 60.876709
-147.320454 60.878014
-147.248924 60.873126
-147.226276 60.867232
-147.1433 60.855198
-147.025646 60.885186
-146.948102 60.925559
-146.928717 60.942475
-146.976007 61.006478
-147.038628 60.993147
-147.117551 61.007309
-147.29477 61.02981
-147.373266 60.876709