



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Office of Ocean and Earth Sciences
Rockville, Maryland 20852

TIDE NOTE FOR HYDROGRAPHIC SURVEY

ORIGINAL

DATE: September 12, 1996

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: OPR-0136-RA

HYDROGRAPHIC SHEET: H-10678

LOCALITY: Eliza Harbor and Vicinity, Southern Stephens
Passage, Alaska

TIME PERIOD: April 18 - May 1, 1996

TIDE STATION USED: 945-1634 Herring Bay, Frederick Sound, AK
Lat. 57° 06.8'N Lon. 134° 22.8'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.928 meters

TIDE STATION USED: 945-1706 Eliza Bay, Frederick Sound, AK
Lat. 57° 11.3'N Lon. 134° 17.2'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.039 meters

TIDE STATION USED: 945-1781 Cannery Cove, Pybus Bay, AK
Lat. 57° 18.4'N Lon. 134° 08.0'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.180 meters

TIDE STATION USED: 945-1785 The Brothers, Frederick Sound, AK
Lat. 57° 17.7'N Lon. 133° 47.8'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.229 meters



REMARKS: RECOMMENDED ZONING

Zone SEA25 -bounded by the polygon points:

LONGITUDE (W)	LATITUDE (N)
-134.119252	57.247369
-134.12829	57.278526
-134.17461	57.270584
-134.223011	57.18332
-134.002726	57.066095
-133.880569	57.090141
-134.119252	57.247369

Times are direct, and apply a X0.98 range ratio to heights using Cannery Cove, AK (945-1781).

Where data are not available for Cannery Cove, AK, times are direct, and apply a X1.02 range ratio to heights using Eliza Harbor, AK (945-1706).

Where data are not available for Eliza Harbor, AK, times are direct, and apply a X0.97 range ratio to heights using The Brothers, AK (945-1785).

Zone SEA26 -bounded by the polygon points:

LONGITUDE (W)	LATITUDE (N)
-134.002726	57.066095
-134.024114	57.019638
-134.360263	57.162783
-134.324654	57.262534
-134.282912	57.263669
-134.223011	57.18332
-134.002726	57.066095

Times and heights are direct using Eliza Bay, AK (945-1706).

Where data are not available for Eliza Bay, AK, times are direct, and apply a X1.03 range ratio to heights using Herring Bay, AK (945-1634).

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Zone SEA27 -bounded by the polygon points:

LONGITUDE (W)	LATITUDE (N)
-134.360263	57.162783
-134.447452	57.108927
-134.264348	56.931486
-134.024114	57.019638
-134.360263	57.162783

Times and heights are direct using Herring Bay, AK (945-1634).

Note: Times are tabulated in Greenwich Mean Time.

William M. Gibson
CHIEF, DATUMS SECTION