



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-0328-RA

HYDROGRAPHIC SHEET: H-10681

LOCALITY: Favorite Channel, from Point Lena to Fritz Cove,
Northern Stephens Passage, Alaska

TIME PERIOD: May 11 - 22, 1996

TIDE STATION USED: 945-2336 Lincoln Island, AK
Lat. $58^{\circ} 29.9'N$ Lon. $134^{\circ} 57.9'W$
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.595 meters

TIDE STATION USED: 945-2210 Juneau, AK
Lat. $58^{\circ} 17.9'N$ Lon. $134^{\circ} 24.7'W$
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.675 meters



REMARKS: RECOMMENDED ZONING

Zone SEA3 - bounded by the polygon points:

LONGITUDE (W)	LATITUDE (N)
-135.270539	58.649457
-134.858495	58.655566
-134.710781	58.382241
-134.673853	58.297194
-134.269583	58.196589
-134.215162	58.212147
-134.164629	58.213184
-134.234985	58.121934
-134.651985	58.110941
-134.770999	58.224961
-134.891071	58.314673
-134.942379	58.387689
-135.133243	58.426392
-135.270539	58.649457

Times and heights are direct using Lincoln Island, AK (945-2336).

Where data are not available for Lincoln Island, AK, times are direct, and apply a X0.98 range ratio to heights using Juneau, AK (945-2210).

Zone SEA4 - bounded by the polygon points:

LONGITUDE (W)	LATITUDE (N)
-134.269583	58.196589
-134.215162	58.212147
-134.522252	58.366684
-134.681627	58.398836
-134.710781	58.382241
-134.673853	58.297194
-134.269583	58.196589

Times and heights are direct using Juneau, AK (945-2210).

Note: Times are tabulated in Greenwich Mean Time.

William M. Hobbs
CHIEF, DATUMS SECTION