

ORIGINAL

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: August 28, 1991

MARINE CENTER: Pacific

OPR: 0106-RA

HYDROGRAPHIC SHEET: H-10377

LOCALITY: South Portion of Port Althrop and Approaches,  
Cross Sound, Alaska

TIME PERIOD: May 2, 1991 - May 5, 1991

TIDE STATIONS USED: 945-2634 (945-2635) Elfin Cove, Alaska  
Lat. 58° 11.6'N Lon. 136° 20.8'W

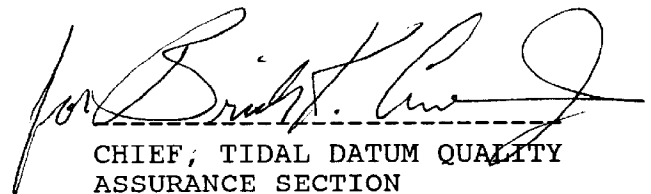
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 10.53 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 10.0 ft.

REMARKS: RECOMMENDED ZONING

1. East of 136° 24.5', times and heights are direct on Elfin Cove.
2. West of 136° 24.5', times are direct and apply a x0.99 range ratio to Elfin Cove.

Notes: Elfin Cove station # is 945-2634, however, the data is  
in file # 945-2635.  
Times are tabulated in Greenwich Mean Time.

  
CHIEF, TIDAL DATUM QUALITY  
ASSURANCE SECTION



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

ORIGINAL

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: March 4, 1992

MARINE CENTER: Pacific

OPR: O106-RA

HYDROGRAPHIC SHEET: H-10377 (Additional)

LOCALITY: South Portion of Port Althrop and Approaches,  
Cross Sound, Alaska

TIME PERIOD: November 12, 1991 - November 16, 1991

TIDE STATIONS USED: 945-2634 (945-2635) Elfin Cove, Alaska  
Lat.  $58^{\circ} 11.6'N$  Lon.  $136^{\circ} 20.8'W$

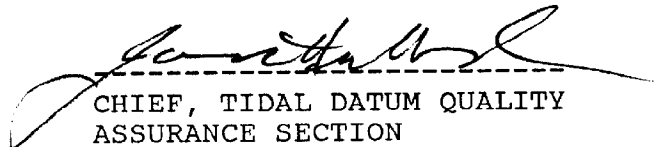
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 10.53 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 10.0 ft.

REMARKS: RECOMMENDED ZONING

1. East of  $136^{\circ} 24.5'$ , times and heights are direct on Elfin Cove.
2. West of  $136^{\circ} 24.5'$ , times are direct and apply a x0.99 range ratio to Elfin Cove.

Notes: Elfin Cove station # is 945-2634, however, the data is in file # 945-2635.  
Hourly heights are tabulated in Greenwich Mean Time.

  
CHIEF, TIDAL DATUM QUALITY  
ASSURANCE SECTION





UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
NATIONAL OCEAN SERVICE  
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Rockville, Maryland 20852

ORIGINAL

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: August 18, 1992

MARINE CENTER: Pacific

OPR: O106-RA

HYDROGRAPHIC SHEET: H-10377 (Additional)

LOCALITY: North Portion of Port Althrop, Cross Sound, Alaska

TIME PERIOD: March 23 - May 7, 1992

TIDE STATIONS USED: 945-2634 (945-2635) Elfin Cove, Alaska  
Lat. 58° 11.6'N Lon. 136° 20.8'W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 10.60 ft.

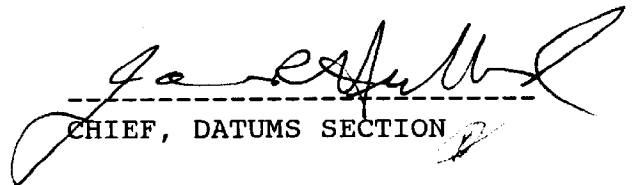
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 9.9 ft.

REMARKS: RECOMMENDED ZONING

1. East of 136° 24.5', times and heights are direct on Elfin Cove.
2. West of 136° 24.5', times are direct and apply a x0.99 range ratio to Elfin Cove.

Notes: Elfin Cove station # is 945-2634, however, the data is in file # 945-2635.

Hourly heights are tabulated in Greenwich Mean Time.

  
CHIEF, DATUMS SECTION

