



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

ORIGINAL

DATE: August 18, 1992

MARINE CENTER: Pacific

OPR: O106-RA

HYDROGRAPHIC SHEET: H-10376 (additional)

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

TIME PERIOD: March 23 - April 23, 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.  
Times are tabulated in Greenwich Mean Time.

  
CHIEF, DATUMS SECTION



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: O106-RA

HYDROGRAPHIC SHEET: H-10376

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

TIME PERIOD: April 20, 1991 - May 6, 1991

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

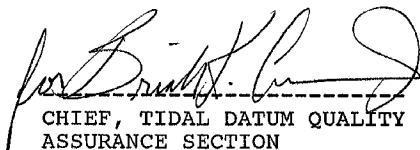
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 10.53 ft.

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.  
Times are tabulated in Greenwich Mean Time.

  
CHIEF, TIDAL DATUM QUALITY  
ASSURANCE SECTION