



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEANOGRAPHIC SERVICE
Office of Ocean and Earth Sciences
Silver Spring, Maryland 20910

ORIGINAL

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: October 7, 1993

MARINE CENTER: Pacific

HYDROGRAPHIC PROJECT: OPR-L344-PHP

HYDROGRAPHIC SHEET: H-10471

LOCALITY: California, San Francisco Bay, Angel Island to Vicinity
of Southampton Shoal

TIME PERIOD: April 23 - July 16, 1993

TIDE STATION USED: 941-4837 Point Chauncey, S.F. Bay, Ca.
Lat. $37^{\circ} 53.5'N$ Lon. $122^{\circ} 26.8'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 12.87 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 5.1 ft.

REMARKS: RECOMMENDED ZONING

1. North of $37^{\circ} 51.7'N$, times and heights are direct on Point Chauncey, Ca. (941-4837).
2. West of $122^{\circ} 26.0'W$, north of $37^{\circ} 50.0'N$ and south of $37^{\circ} 51.7'N$, apply a -18 minute time correction and a X0.96 range ratio to Point Chauncey, Ca. (941-4837).
3. East of $122^{\circ} 26.0'W$, north of $37^{\circ} 50.0'N$ and south of $37^{\circ} 51.7'N$, apply a -18 minute time correction and heights are direct on Point Chauncey, Ca. (941-4837).

Note: Times are tabulated in Pacific Standard Time.

William M. Johnson
ACTING CHIEF, DATUMS SECTION

