

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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: June 20, 1991

MARINE CENTER: Pacific

OPR: K229

HYDROGRAPHIC SHEET: H-10360

LOCALITY: Redfish Bay, Aransas Pass, Texas

TIME PERIOD: November 6, 1990 - February 27, 1991

TIDE STATIONS USED: 877-5083 Aransas Pass (Conn Brown Harbor), Tx.
Lat. 27° 53.9'N Lon. 97° 8.1'W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.55 ft.

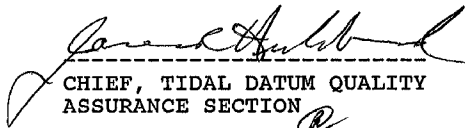
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.6 ft.

REMARKS: RECOMMENDED ZONING

1. North of latitude of 27° 55.5'N, apply a +30 min. time correction and a x0.67 range ratio.
2. North of latitude of 27° 54.6'N and south of latitude of 27° 55.5'N, times are direct and apply a x0.67 range ratio.
3. South of latitude of 27° 54.6'N:
 - a. In Aransas Channel, west of 97° 07.1'W and in the Intracoastal Waterway, west of 97° 07.1'W, south of 27° 54.6'N, north of 27° 53.0'N and in Conn Brown Harbor, zone direct.
 - b. In Redfish Bay, north of Aransas Channel and west of 97° 7.1'W, apply a x0.67 range ratio to all heights and times are direct.

- c. In Redfish Bay, north of Aransas Channel, and north and east of South Bay and east of $97^{\circ} 7.1'W$, apply a $\times 0.67$ range ratio to all heights and a -0 hr. 30 min. time correction.
- d. In South Bay, north of Aransas Channel, apply a $\times 0.67$ range ratio to all heights and a -0 hr. 45 min. time correction.

Note: Times are tabulated in Local Standard Time.



CHIEF, TIDAL DATUM QUALITY
ASSURANCE SECTION 