

1/17/74

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

TIDE NOTE FOR HYDROGRAPHIC SHEET

Processing Division: Atlantic Marine Center

Hourly heights are approved for

Tide Station Used (NOAA Form 77-12): \*Galveston Pier 21

Period: July -September 1973

HYDROGRAPHIC SHEET:

OPR: 479

Locality: Off Shore, Sabine Pass, Texas

Plane of reference (mean ~~lower~~-low water): 3.4

Height of Mean High Water above Plane of Reference is

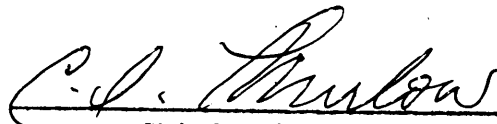
Remarks:

Zoning	Range	Time Difference		Lat.	Long.	Ratio
		HW	LW			
Area 1	2.5	-1.4 hr.	-1.5 hr.	29°39'	93°50'	1.8
Area 2	2.8	-1.8 hr.	-1.5 hr.	29°28'	93°43'	2.0

Apply time differences and range ratio for each zone to hourly heights from Pier 21, Texas.

\*The designated control tide gage malfunctioned during entire project.

Tide range and time differences are based on predictions.

  
Chief, Tides Division