

mented by hydrographic information from other sources. Bathymetric contour intervals: 10 meters to the 200 meter depth, supplemented by 2 meter intervals, thence 50 meters to maximum depth.

Universal Transverse Mercator Grid, Zone 14; 10:000 meter ticks (-) are shown on the neatline

Lack of sufficient data on portions of this map requires the use of generalized form lines to infer probable shape for con-Ü ical or elliptical shaped features that would otherwise appear truncated. The form lines are not at the prescribed contour interval.

SURVEY NUMBER	SURVEY DATE	SCALE	SURVEY LINE SPACING (NAUT. MILES)	HORIZONTAL POSITIONING (METERS)
H-6397	1938	1:20,000	.0617	20-40
H-6403	1938	1:40,000	.41-1 21	30-100
H-6405	1938	1:80,000	.10-2.0	40.200
H-6489	1939	1.20,000	.0623	20-40
H-6490	1939	1:20,000	.0613	20-40
H-6491	1939	1:20,000	.0314	20.40
H-6493	1939	1:10,000	.0206	15-30
H-6494	1939	1:40,000	.08-1.24	30-100
H-6495	1939	1:40,000	.15-1.50	30-100
H-6496	1939	1:40,000	.12-1.28	30-100
H-6497	1939	1:80,000	.35-2.10	40-200
H-6498	1938-39	1:80,000	.36-1.70	40-200
H-6499a	1939	1:240,000	.50-15.30	600-1500

TRANSVERSE MERCATOR PROJECTION 20 Statute Miles Index showing general location of sample-station transects

Scientific contributors include H. L. Berryhill, Jr., A. R. Trippet, and D. L.

MAP SHOWING POST-WISCONSIN SEDIMENTATION PATTERNS AND FAULTING IN THE PORT ISABEL 1° × 2° QUADRANGLE, TEXAS

Compiled by

Henry L. Berryhill, Jr. and Anita R. Trippet

1980

MAP I-1254-D

EXPLANATION ______ SEDIMENT THICKNESS LINE IN MILLISECONDS OF

imately equal to 0.73 m

TWO-WAY TRAVEL TIME—Dashed where ap-

proximately located. Contour interval 10 milliseconds. Thickness contours indicate sediments deposited over Continental Shelf during approximately the last 18,000 years, or since the last low stand of sea level during Wisconsin time. Thickness based on acoustical properties of the sediments and interpreted from sound analog profiles. Acoustical survey based on two sound systems: (1) Acousti-pulse ' with an output of 1000-1500 joules; and (2) minisparker with an output of 800 joules. One millisecond approx-

SEDIMENTS—Dots indicate offset of at least 50 milliseconds at a subsea-floor depth of about 250 milliseconds; open diamonds indicate fault intersects sea-floor surface. Short line indicates fault

shown by acoustical profile but spacing of profiles

too wide to indicate trend; hachure indicates

SEDIMENTS EXCEEDS 40 MILLISEC-

ONDS—Stipple indicates sediments characterized by poor acoustical return. Attenuation of sound by

sediments within stippled area suggests either high

organic content or relatively high gas content at

line indicates general outline of reef buried beneath

post-Pleistocene sediments; black indicates outcrop

CARBONATE REEF OF PLEISTOCENE AGE—Dashed

'The use of brand names is for descriptive purposes only

and does not necessarily constitute endorsement by the

AREA IN WHICH THICKNESS OF POST-WISCONSIN

shallow depth

U.S. Geological Survey