

HYDROGRAPHIC DATUM MEAN LOWER LOW WATER

Depth curve (metres) _____

Position (metres) _____

Rock (metres) _____

Wreck (metres) _____

Wharf (metres) _____

Sewage _____

Oil/gas rig _____

Prepared by the U.S. Geological Survey for Publication by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1995

LEGEND

POPULATED PLACES

Density built-up areas _____

Sparingly to moderately built-up areas _____

ROADS

Divided highway _____

All weather, hard surface _____

Two or more lanes wide _____

One lane wide _____

All weather, loose or light surface _____

Two or more lanes wide _____

One lane wide _____

Fair or dry weather, loose surface _____

Track _____

Trail _____

Road markers: Interstate _____

National: Secondary _____

RAILROADS

Normal gauge 1.43m (4'8 1/2") _____

Narrow gauge 0.91m (3') _____

Electrified _____

BRIDGES

Pedestrian _____

Standard _____

Culvert _____

MISCELLANEOUS CULTURAL FEATURES

Church _____

Cemetery _____

Building: School, Hospital _____

Landed aircraft: Tank, Well _____

Minor: Active, Abandoned _____

Area name _____

OBSTRUCTIONS

Elevation of obstruction top above sea level _____

Elevation of obstruction top above ground level _____

High tension power line: communication tower _____

BOUNDARIES

International _____

First order administrative division _____

RELIEF

Bluff, cliff, escarpment _____

Depression _____

Level: Sand _____

Spot elevations: Highest: Normal _____

DRAINAGE

Stream: Less than 25m wide _____

Over 25m wide _____

Lake/pond _____

Spring _____

Well _____

Ditch: Less than 25m wide _____

Over 25m wide _____

Levee _____

Land subject to inundation _____

VEGETATION

Scrub: Scattered trees _____

Orchard: Swamp _____

NOTES

A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE.

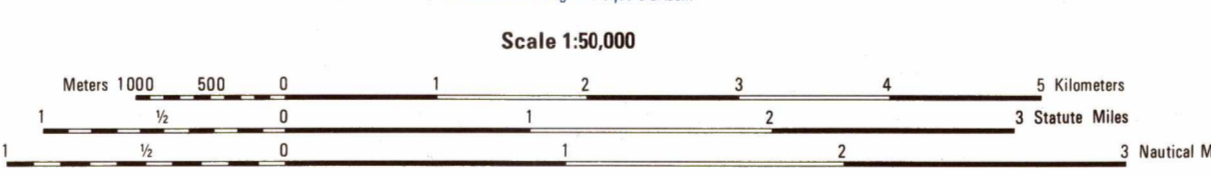
ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.

IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.

NORTH AMERICAN DATUM 1983 (NAD 83) AND WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.

SLOPES ON THIS MAP ARE LESS THAN 5%.



ELEVATIONS IN METERS

CONTOUR INTERVAL 5 METERS

ELLIPSOID: _____ WORLD GEODETIC SYSTEM 1984

GRID: _____ 1,000-METER UTM ZONE 14 (BLACK NUMBERED LINES)

TRANSVERSE MERCATOR

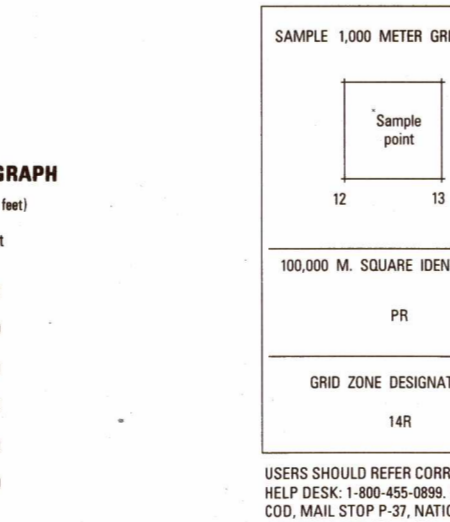
PROJECTION: _____ NATIONAL GEODETIC VERTICAL DATUM OF 1929

HORIZONTAL DATUM: _____ NORTH AMERICAN DATUM 1983

WORLD GEODETIC SYSTEM 1984

PREPARED BY: _____ U.S. GEOLOGICAL SURVEY

PRINTED BY: _____ USGS 19-100



SAMPLE 1,000 METER GRID SQUARE

46

Sample point

12

13

45

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12 3

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 6

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: PR123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 14RPR123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-485-0896, COMMERCIAL: 1-301-295-9022, DSN: 486-5022, OR WRITE TO: ATTN: CDD, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4800 SANGAMORE ROAD, BETHESDA, MD 20815-5003.

GRID CONVERGENCE

0°46' (13 1/2' MILS)

FOR CENTER OF SHEET

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH ADD 0-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH SUBTRACT 0-M ANGLE

THIS MAP IS RED AND BLUE/GREEN LIGHT READABLE

BOUNDARIES

San Patricio County

Nueces County

ADJOINING SHEETS

6540 III	6540 III
6539 III	6539 III
6539 III	6539 III

Sheet 6539 IV follows sheet 6539 III

