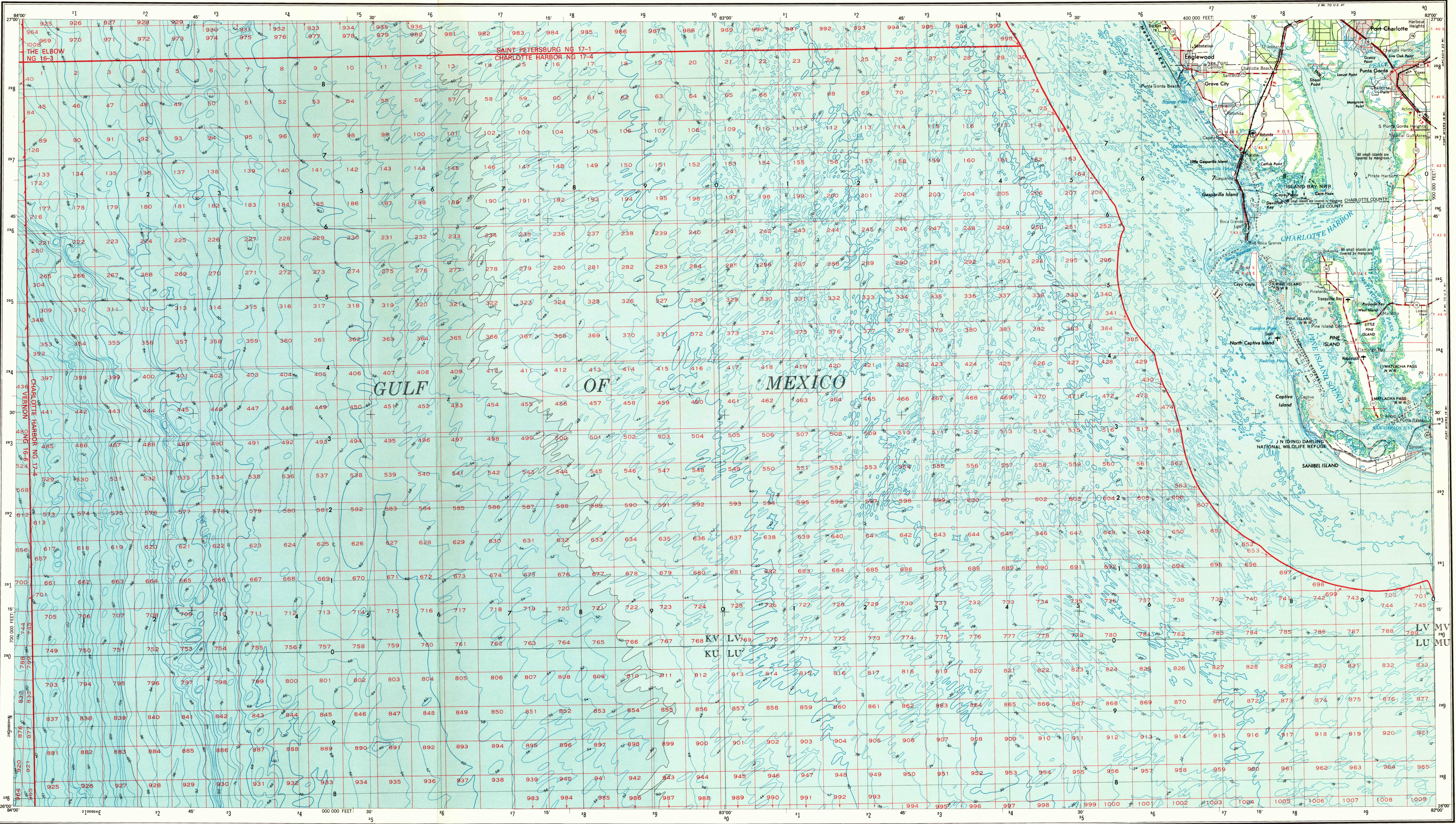




PRODUCED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY
Base map prepared by Defense Mapping Agency by photogrammetric methods and from 1:250,000 scale maps dated 1959-1964. Planimetry revised from aerial photographs taken 1950. Field checked 1956. Revised by the U. S. Geological Survey from aerial photographs taken 1972 and other source data.
Bathymetry and shoreline compiled by the National Ocean Survey from tide-coordinated hydrographic surveys. Bathymetric survey data comply with International Hydrographic Organization (IHO) Special Publication 44 accuracy standards and/or standards used at the date of the survey. This information is not intended for navigational purposes.
Gulf Coast low water (dotted) line and mean high water (solid) line compiled by NOS from tide-coordinated aerial photographs.
Offshore protection survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protection Diagrams dated December 2, 1976. The protections on this map are not for Federal leasing purposes; for such purposes, refer to the OCS Official Protection Diagrams available from the Bureau of Land Management.
Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 17. 100,000-foot grid ticks based on Florida coordinate system, west zone, 1927 North American Datum. To place on the predicted North American Datum, 1983, move the projection lines 35 meters south and 14 meters west.
Location of geodetic control established by government agencies is shown on Tampa 1:250,000-scale Geodetic Control Diagram.
There may be private inholdings within the boundaries of the National or State Reservations shown on this map.

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

ROADS

Primary, all-weather, hard surface
Secondary, all-weather, hard surface
Light-duty, all-weather, hard or improved surface
Fair or dry weather, unimproved surface
Trail
Interchange

RAILROADS

Single track double or multiple
Normal gauge
Narrow gauge
Landing area

BOUNDARIES

International
State
County
Park or reservation

Other

Landplane airport
Spot elevation in feet
Marsh or swamp
Mangrove
Woods/brushwood
Sounding datum line

ROUTE MARKERS

Interstate, U.S., State
Federal
Mileage

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

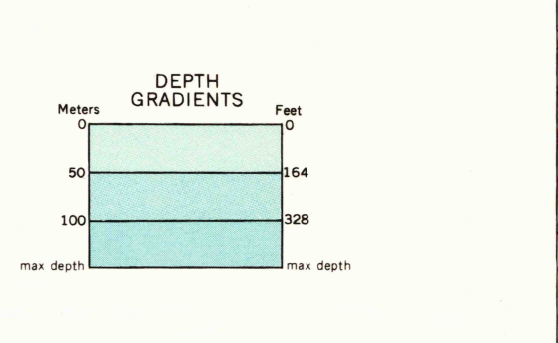
0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 25 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 10 METERS
WITH SUPPLEMENTARY CONTOUR AT 2 METERS INTERVALS
GULF COAST LOW WATER DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
1981 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 0° (0 MILES) FOR THE CENTER OF THE WEST COAST TO 1° 10' WESTERLY FOR THE CENTER OF THE EAST COAST
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 20192
AND BY NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852

**NATIONAL OCEAN SURVEY
HYDROGRAPHIC SURVEY INFORMATION**

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-809	1966-67	1:20,000	0.4-1
H-810	1966-67	1:20,000	0.4-1
H-811	1966-67	1:20,000	0.4-1
H-812	1966-67	1:20,000	0.4-1
H-813	1966-67	1:20,000	0.4-1
H-814	1966-67	1:20,000	0.4-1
H-815	1966-67	1:20,000	0.4-1
H-816	1966-67	1:20,000	0.4-1
H-817	1966-67	1:20,000	0.4-1
H-818	1966-67	1:20,000	0.4-1
H-819	1966-67	1:20,000	0.4-1
H-820	1966-67	1:20,000	0.4-1
H-821	1966-67	1:20,000	0.4-1
H-822	1966-67	1:20,000	0.4-1
H-823	1966-67	1:20,000	0.4-1
H-824	1966-67	1:20,000	0.4-1
H-825	1966-67	1:20,000	0.4-1
H-826	1966-67	1:20,000	0.4-1
H-827	1966-67	1:20,000	0.4-1
H-828	1966-67	1:20,000	0.4-1
H-829	1966-67	1:20,000	0.4-1
H-830	1966-67	1:20,000	0.4-1
H-831	1966-67	1:20,000	0.4-1
H-832	1966-67	1:20,000	0.4-1
H-833	1966-67	1:20,000	0.4-1
H-834	1966-67	1:20,000	0.4-1
H-835	1966-67	1:20,000	0.4-1
H-836	1966-67	1:20,000	0.4-1
H-837	1966-67	1:20,000	0.4-1
H-838	1966-67	1:20,000	0.4-1
H-839	1966-67	1:20,000	0.4-1
H-840	1966-67	1:20,000	0.4-1
H-841	1966-67	1:20,000	0.4-1
H-842	1966-67	1:20,000	0.4-1
H-843	1966-67	1:20,000	0.4-1
H-844	1966-67	1:20,000	0.4-1
H-845	1966-67	1:20,000	0.4-1
H-846	1966-67	1:20,000	0.4-1
H-847	1966-67	1:20,000	0.4-1
H-848	1966-67	1:20,000	0.4-1
H-849	1966-67	1:20,000	0.4-1
H-850	1966-67	1:20,000	0.4-1
H-851	1966-67	1:20,000	0.4-1
H-852	1966-67	1:20,000	0.4-1

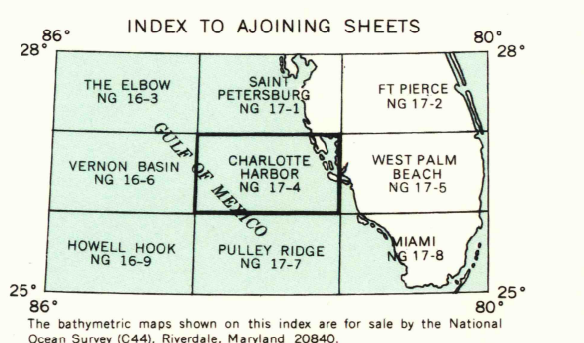
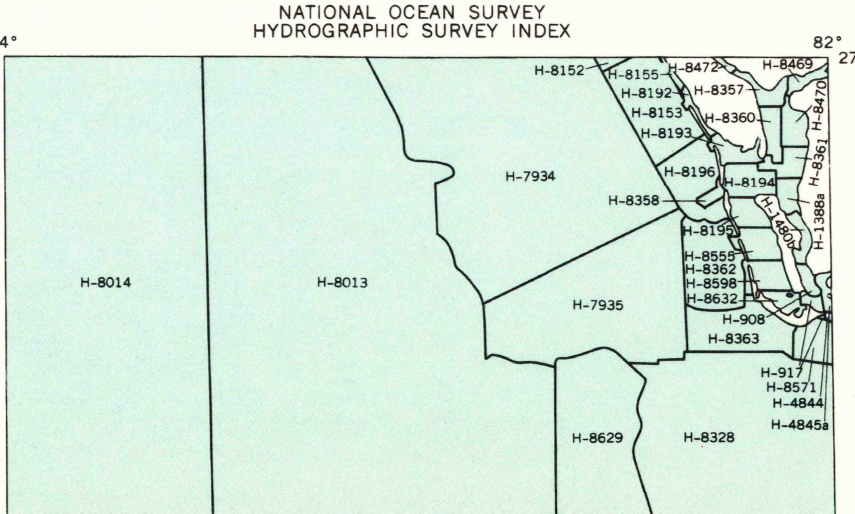


GRID ZONE DESIGNATION
17E
300,000 M. SQUARE IDENTIFICATION

KV	LV	W
KU	LU	MU

INDEX TO ADJOINING SHEETS

THE ELBOW NG 16-3
VERNON BASIN NG 16-5
HOWELL HOOK NG 16-5
PULLEY RIDGE NG 17-7
MIAMI NG 17-5
WEST PALM BEACH NG 17-4
FT. PIERCE NG 17-3



CHARLOTTE HARBOR, FLORIDA
(REFORMATTED FROM SOUTH HALF OF TAMPA)
REVISED 1972
SHORELINE REVISED AND
BATHYMETRY ADDED
1981
TOPOGRAPHIC-BATHYMETRIC