



PRODUCED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY
 Base map prepared by Defense Mapping Agency by photogrammetric methods from aerial photographs taken 1950. Photographs field annotated 1955. Map revised by the U. S. Geological Survey 1970.
 Bathymetry 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 survey. This information is not intended for navigational purposes.
 Mean 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 Diagram dated December 21, 1977. 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 16, 100,000-foot grid ticks based on Mississippi coordinate system, west zone, Louisiana coordinate system, south zone, and Alabama coordinate system, west zone, 1927 North American Datum. To place on the projected North American Datum 1983, move the projection lines 17 meters south and 5 meters east.
 Location of geodetic control established by government agencies is shown on accompanying 1:250,000-scale Geodetic Control Diagram.
 There may be private encroachments 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

RAILROADS

- Normal gauge
- Narrow gauge
- Light rail (street or multiple track)
- Interchange
- Route markers: Interstate, U.S., State
- Mile
- Power line
- Landmark: School, Church, Other
- Spot elevation in feet
- Marsh or swamp
- Approximate shoreline
- Sounding datum line

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

BOUNDARIES

- International
- State
- County
- Park or reservation
- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods/brushwood

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET
 WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

BATHYMETRIC CONTOUR INTERVAL 10 METERS
 TO MAXIMUM DEPTH SUPPLEMENTED BY 2 METER INTERVALS
 GULF COAST LOW WATER DATUM
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

1978 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 30' 00" WEST TO 15' 00" EAST FOR THE CENTER OF THE WEST EDGE TO 20' 00" WEST TO 15' 00" EAST FOR THE CENTER OF THE EAST EDGE

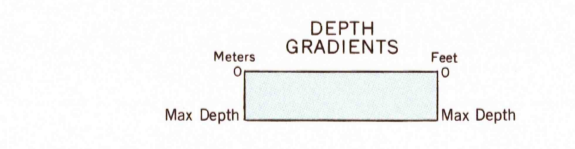
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
 AND BY NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852

SECTIONIZED TOWNSHIP

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

NATIONAL OCEAN SURVEY HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (METERS)
H-4000	1917	1:40,000	01-10
H-4020	1917-18	1:40,000	01-00
H-4111	1920	1:40,000	40-16
H-4552	1940	1:40,000	01-30
H-4608	1941	1:40,000	01-10
H-4606	1940	1:10,000	02-10
H-4605	1940	1:10,000	02-11
H-4601	1940-43	1:10,000	02-11
H-4602	1940	1:10,000	02-12
H-4603	1940	1:10,000	02-12
H-4604	1940	1:10,000	02-12
H-4605	1941	1:10,000	02-10
H-4606	1941	1:10,000	02-10
H-4607	1941	1:10,000	02-11
H-4608	1941	1:10,000	02-11
H-4609	1941	1:10,000	02-11
H-4610	1941	1:10,000	02-11
H-4611	1941	1:10,000	02-12
H-4612	1941	1:10,000	02-12
H-4613	1941	1:10,000	02-12
H-4614	1941	1:10,000	02-12
H-4615	1941	1:10,000	02-12
H-4616	1941	1:10,000	02-12
H-4617	1941	1:10,000	02-12
H-4618	1941	1:10,000	02-12
H-4619	1941	1:10,000	02-12
H-4620	1941	1:10,000	02-12
H-4621	1941	1:10,000	02-12
H-4622	1941	1:10,000	02-12
H-4623	1941	1:10,000	02-12
H-4624	1941	1:10,000	02-12
H-4625	1941	1:10,000	02-12
H-4626	1941	1:10,000	02-12
H-4627	1941	1:10,000	02-12
H-4628	1941	1:10,000	02-12
H-4629	1941	1:10,000	02-12
H-4630	1941	1:10,000	02-12
H-4631	1941	1:10,000	02-12
H-4632	1941	1:10,000	02-12
H-4633	1941	1:10,000	02-12
H-4634	1941	1:10,000	02-12
H-4635	1941	1:10,000	02-12
H-4636	1941	1:10,000	02-12
H-4637	1941	1:10,000	02-12
H-4638	1941	1:10,000	02-12
H-4639	1941	1:10,000	02-12
H-4640	1941	1:10,000	02-12



GRID ZONE DESIGNATION
 16R

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

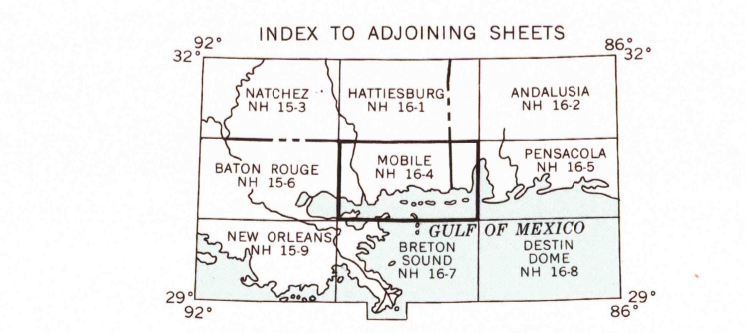
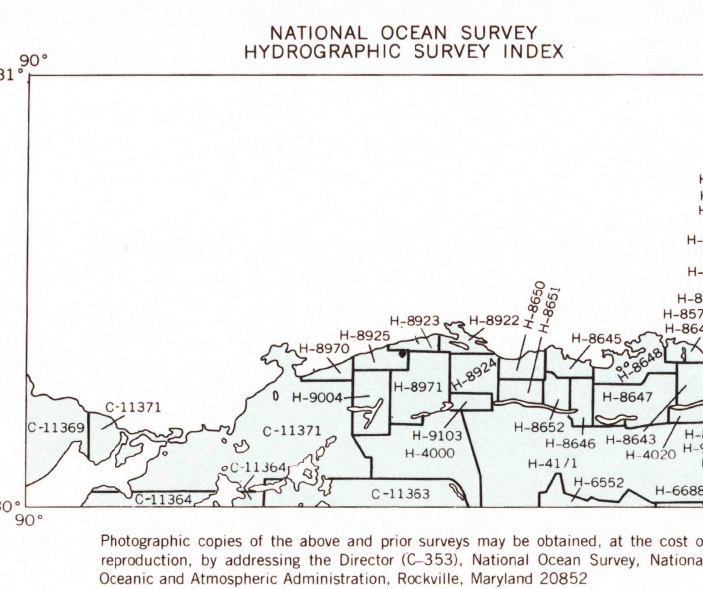
SAMPLE POINT SEAWARD

SAMPLE REFERENCE: 16R050

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

SAMPLE POINT SEAWARD

SAMPLE REFERENCE: 16R050



USGS
 Historical File
 Topographic Division

MOBILE, ALA.; MISS.; LA.

1953
 REVISED 1970
 SHORELINE REVISED AND
 BATHYMETRY ADDED
 1978

TOPOGRAPHIC-BATHYMETRIC

20000

OCT 2 2 1980