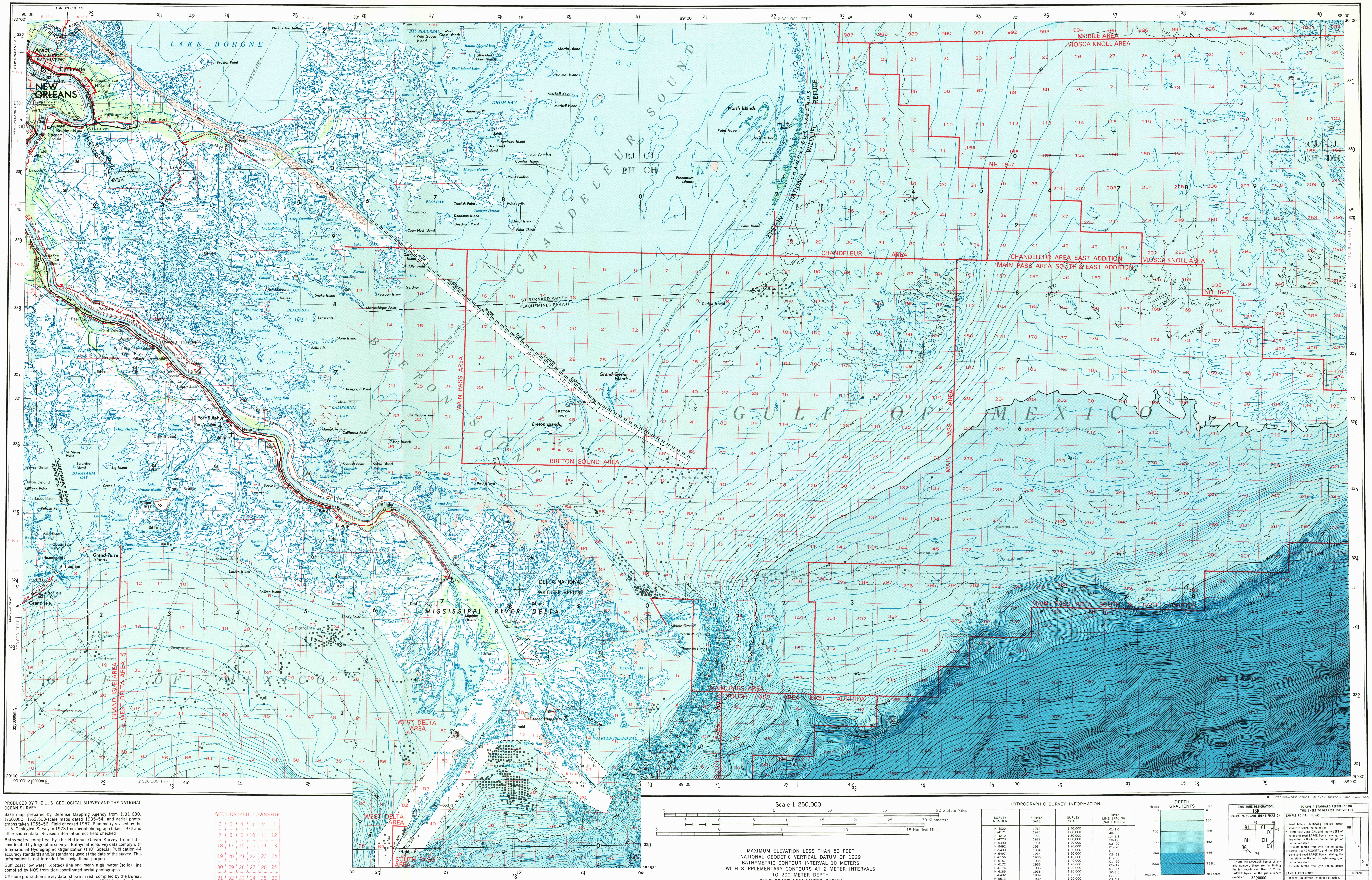
EASTERN UNITED STATES 1:250,000

BRETON SOUND

NH 16-7
TOPOGRAPHIC–BATHYMETRIC


1 MI. TO U.S. 90
NEW ORLEANS 6 MI.
NEW ORLEANS 8 MI.
LEEVILLE 19 MI.
LAKE BORGNE
NEW ORLEANS
Arabi
CHALMETTE NAT HIST PK
Chalmette
ORLEANS PARISH
ST BERNARD PARISH
INTRACOASTAL WATERWAY
Belle Chasse
Poydras
St Bernard
Kenilworth
Verret
Toca
Caernarvon
Braithwaite
Reggio
Wood Lake
Delacroix
Alluvial City
Shell Beach
Hopedale
Proctor Point
Pte aux Marchettes
SPOIL AREA
Bay Boudreau
Wild Goose Island
Mud Grass Islands
Indian Mound Bay
Martin Island
Holmes Islands
Mitchell Key
Mitchell Island
DRUM BAY
Point Comfort
Comfort Island
Morgan Harbor
Point Paulina
ELOI BAY
Point Eloi
Codfish Point
Point Lydia
Deadman Island
Deadman Point
Twilight Harbor
Chicot Island
Point Chicot
Coon Nest Island
CHANDELEUR SOUND
BJ CJ
BH CH
North Islands
Point Hope
New Harbor Islands
Freemason Islands
Palos Island
CHANDELEUR ISLANDS
BRETON NATIONAL WILDLIFE REFUGE
MOBILE AREA
VIOSCA KNOLL AREA
NH 16-7
CHANDELEUR AREA
CHANDELEUR AREA EAST ADDITION
MAIN PASS AREA SOUTH & EAST ADDITION
ST BERNARD PARISH
PLAQUEMINES PARISH
Mozambique Point
Curlew Island
MISSISSIPPI RIVER GULF OUTLET CANAL
SPOIL AREAS
Grand Gosier Islands
BRETON NWR
Breton Islands
North Point
BRETON SOUND
BRETON SOUND AREA
MAIN PASS AREA
GULF OF MEXICO
Platforms
Covered well
Submerged pipelines
Black Bay
Lonesome I
Stone Island
Belle Isle
Drum I
Telegraph Point
Pelican Point
CALIFORNIA BAY
Battledore Reef
Mangrove Point
California Point
Hog Islands
Spanish Point
Sable Island
Bird Island
Taylor Pass
Pointe a la Hache
Port Sulphur
Empire
Buras
Triumph
Boothville
Venice
Ft St Philip
Ft Jackson
MISSISSIPPI RIVER
PLAQUEMINES PARISH
JEFFERSON PARISH
BARATARIA BAY
Grand Terre Islands
Grand Isle
Ft Livingston
Barataria Pass
Bastian Island
Lanaux Island
Pelican Island
Sandy Point
GRAND ISLE AREA
WEST DELTA AREA
MISSISSIPPI RIVER DELTA
DELTA NATIONAL WILDLIFE REFUGE
Head of Passes
Pilottown
North Pass
Middle Ground
North Mud Lumps
Thomasin Lumps
Pass a Loutre
BLIND BAY
SOUTHEAST PASS
GARDEN ISLAND BAY
Garden Island Bay
Port Eads
South Pass
SOUTH PASS AREA
SOUTH PASS AREA EAST ADDITION
Burrwood
West Jetty
East Jetty
Southwest Pass
CJ DJ
CH DH
90°00′
30°00′
89°00′
88°00′
29°00′
28°53′
2 800 000 FEET
2 500 000 FEET
400 000 FEET
200 000 FEET
3220000m. N.
210000m. E.

PRODUCED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY

Base map prepared by Defense Mapping Agency from 1:31,680, 1:50,000, 1:62,500-scale maps dated 1935–54, and aerial photographs taken 1955–56. Field checked 1957. Planimetry revised by the U. S. Geological Survey in 1973 from aerial photograph taken 1972 and other source data. Revised information not field checked

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 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 protraction survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protraction Diagrams. The protractions on this map are not for Federal leasing purposes; for such purposes, refer to the OCS Official Protraction Diagrams available from the Bureau of Land Management

Transverse Mercator Projection. 10,000-meter Universal Transverse Mercator grid, zone 16. 100,000-foot grid based on Louisiana coordinate system, south zone. 1927 North American Datum. To place on the predicted North American Datum of 1983, move the projection lines 21 meters south and 3 meters east

Location of geodetic control established by government agencies is shown on corresponding 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

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

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES
Over 500,000 — **BOSTON**
100,000 to 500,000 — **RICHMOND**
25,000 to 100,000 — **EVANSTON**
5,000 to 25,000 — Newnan
1,000 to 5,000 — Bar Harbor
Less than 1,000 — Fishkill

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
Route markers: Interstate, U.S., State 95 29 193

RAILROADS Single track Double or Multiple
Normal gauge
Narrow gauge

BOUNDARIES
International
State
County
Park or reservation

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood; Orchard

Mine
Power line
Landmark: School; Church; Other
Spot elevation in feet .221
Marsh or swamp; Mangrove
Approximate shoreline
Sounding datum line uncovers

Scale 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

MAXIMUM ELEVATION LESS THAN 50 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 10 METERS
WITH SUPPLEMENTARY CONTOURS AT 2 METER INTERVALS
TO 200 METER DEPTH
GULF COAST LOW WATER DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

1981 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 4½° (80 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 3½° (60 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

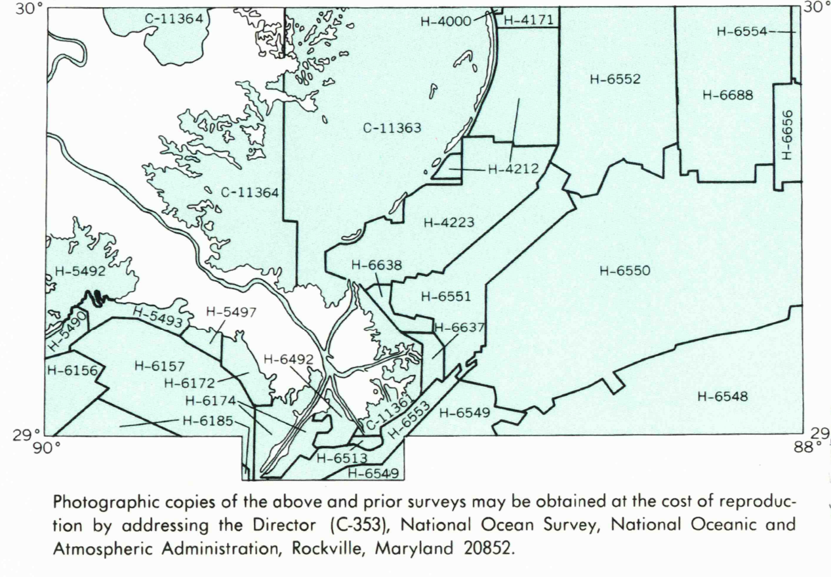
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND BY NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND. 20852

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-4000	1917	1:40,000	.01-1.0
H-4171	1920	1:80,000	.40-2.6
H-4212	1922	1:80,000	.10-1.3
H-4223	1922	1:80,000	.20-1.0
H-5490	1934	1:20,000	.03-.20
H-5492	1934	1:20,000	.01-.20
H-5493	1934	1:20,000	.01-.20
H-5497	1934	1:20,000	.02-.28
H-6156	1936	1:40,000	.01-.60
H-6157	1936	1:40,000	.01-.50
H-6172	1936	1:20,000	.05-.17
H-6174	1936	1:20,000	.01-.35
H-6185	1936	1:80,000	.20-3.0
H-6492	1939	1:20,000	.02-.20
H-6513	1939	1:20,000	.02-0.3
H-6548	1940	1:160,000	.40-2.5
H-6549	1940	1:80,000	.20-2.4
H-6550	1940	1:80,000	.20-2.5
H-6551	1940	1:40,000	.01-.60
H-6552	1940	1:40,000	.01-.90
H-6553	1940	1:40,000	.02-.10
H-6554	1940	1:40,000	.01-.40
H-6637	1940	1:20,000	.02-.20
H-6638	1940	1:20,000	.01-.20
H-6656	1940	1:80,000	.20-1.5
H-6688	1941	1:40,000	.01-1.0

NOS CHART 11361 March 1971 1:80,000
NOS CHART 11363 July 1971 1:80,000
NOS CHART 11364 March 1971 1:80,000

NATIONAL OCEAN SURVEY
HYDROGRAPHIC SURVEY INDEX


90°
88°
30°
29°
C-11364
H-4000
H-4171
H-6554
H-6552
H-6688
H-6656
C-11363
H-4212
H-4223
H-6638
H-6550
H-6551
H-6637
H-5492
H-5493
H-5497
H-5490
H-6156
H-6157
H-6172
H-6174
H-6185
H-6492
H-6513
H-6549
H-6553
H-6548

Photographic copies of the above and prior surveys may be obtained at the cost of reproduction by addressing the Director (C-353), National Ocean Survey, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852.

DEPTH GRADIENTS

Meters	Feet
0	0
50	164
100	328
150	492
200	656
1000	3281
max depth	max depth

GRID ZONE DESIGNATION:
16R
100,000 M. SQUARE IDENTIFICATION

30 40
BJ CJ DJ
BH CH DH
BG
330
320

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 3220000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

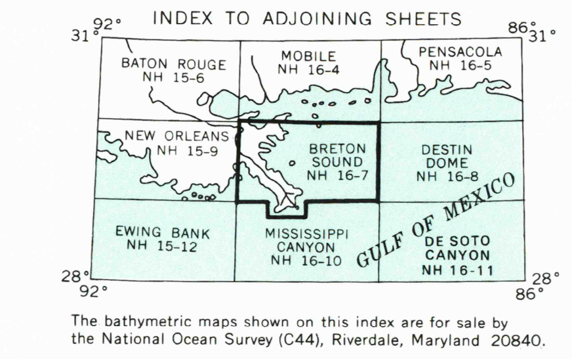
SAMPLE POINT: BURAS

1. Read letters identifying 100,000 meter square in which the point lies: BH
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: 5
Estimate tenths from grid line to point: 4
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 5
Estimate tenths from grid line to point: 0

SAMPLE REFERENCE: BH5450

If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 16RBH5450

INDEX TO ADJOINING SHEETS


92°
86°
31°
28°
BATON ROUGE NH 15-6
MOBILE NH 16-4
PENSACOLA NH 16-5
NEW ORLEANS NH 15-9
BRETON SOUND NH 16-7
DESTIN DOME NH 16-8
EWING BANK NH 15-12
MISSISSIPPI CANYON NH 16-10
DE SOTO CANYON NH 16-11
GULF OF MEXICO

The bathymetric maps shown on this index are for sale by the National Ocean Survey (C44), Riverdale, Maryland 20840.

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

BRETON SOUND, LOUISIANA
1957
REVISED 1973
SHORELINE REVISED AND
BATHYMETRY ADDED
1981

TOPOGRAPHIC–BATHYMETRIC

USGS NMD HISTORICAL MAP
REC'D FILE COPY

66cr