EASTERN UNITED STATES 1:250,000

MOBILE

NH 16-4

TOPOGRAPHIC-BATHYMETRIC

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 1952. Photographs field annotated 1953. 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 protraction survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protraction Diagram dated December 21, 1977. 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 ticks based on Mississippi coordinate

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

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

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

- Mine
- Power line
- Landmark: School; Church; Other
- Spot elevation in feet — 221
- Marsh or swamp
- 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 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 3½° (60 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 2½° (40 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

NATIONAL OCEAN SURVEY
HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-4000	1917	1:40,000	.01-1.0
H-4020	1917-18	1:40,000	.01-.60
H-4171	1920	1:80,000	.40-2.6
H-6552	1940	1:40,000	.01-.90
H-6688	1941	1:40,000	.01-1.0
H-8524	1960	1:10,000	.02-.10
H-8526	1960	1:10,000	.02-.10
H-8560	1960	1:10,000	.02-.11
H-8561	1960-61	1:10,000	.02-.11
H-8573	1960	1:10,000	.03-.12
H-8574	1960	1:10,000	.03-.12
H-8575	1961	1:10,000	.01-.12
H-8586	1961	1:10,000	.02-.04
H-8587	1961	1:10,000	.01-.18
H-8588	1961	1:10,000	.02-.15
H-8589	1961	1:10,000	.02-.10
H-8642	1961	1:10,000	.02-.10
H-8643	1961	1:10,000	.03-.11
H-8644	1961	1:10,000	.03-.11
H-8645	1962	1:10,000	.03-.11
H-8646	1962	1:10,000	.03-.12

DEPTH GRADIENTS

Meters 0 — Feet 0

Max Depth — Max Depth

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

GRID ZONE DESIGNATION: 16R

100,000 M. SQUARE IDENTIFICATION

BK	CK	DK
BJ	CJ	DJ

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number; example: 3330000

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

SAMPLE POINT: SAVANNAH

1. Read letters identifying 100,000 meter square in which the point lies: BK
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: 6
   Estimate tenths from grid line to point: 2
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: 0
   Estimate tenths from grid line to point: 3

SAMPLE REFERENCE: BK6203

If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 16RBK6203