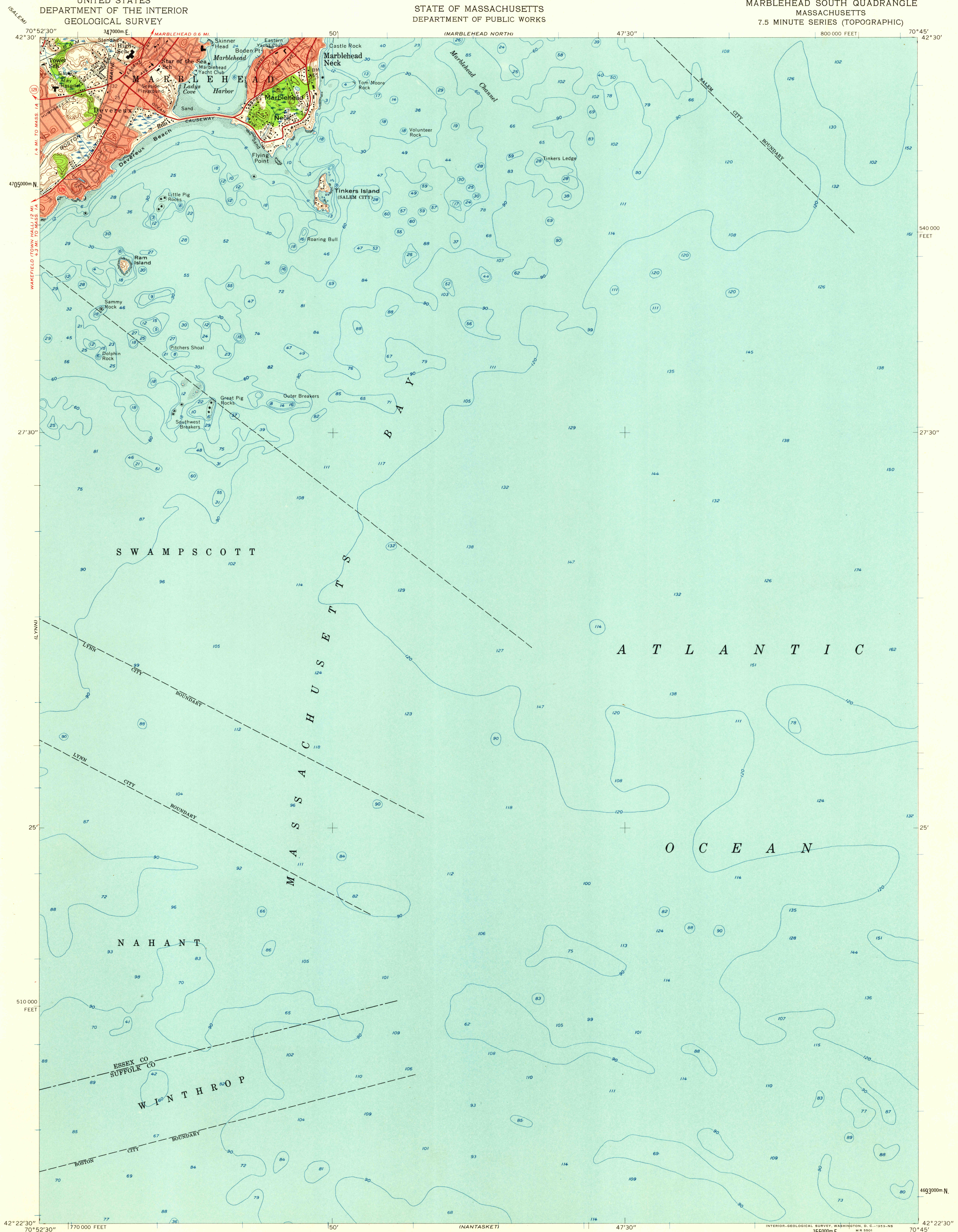




Mapped, edited, and published by the Geological Survey
Control by USC&GS and Massachusetts Geodetic Survey
Topography by planetable surveys 1943. Culture revised
in part by photogrammetric methods from aerial
photographs taken 1955. Field check 1956
Hydrography compiled from USC&GS charts 240 and
246 (1956)
Polyconic projection. 1927 North American datum
10,000-foot grid based on Massachusetts coordinate system,
mainland zone
1000-meter Universal Transverse Mercator grid ticks,
zone 19, shown in blue
Boundaries in tidewater areas from information supplied
by the Massachusetts Department of Public Works
Red tint indicates areas in which only
landmark buildings are shown

16°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1956

SCALE 1:24,000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 10 15 20 25 30 35 40 45 50 METERS
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 9.1 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division
MASS
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
State Route ○

MARBLEHEAD SOUTH, MASS.
N4222.5—W7045/7.5
1956

U.S.G.S.
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JUN - 6 1959

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