Prepared in cooperation with the

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Quad 98.4 | 1.2 | 0.4 | 0.0 211 207.5 | 2.5 | 0.9 | 0.0 207.5 | 2.5 | 0.9 | 0.0 SBNMS part 98.4 | 1.2 | 0.4 | 0.0 Quad 91.7 | 6.5 | 1.5 | 0.3 157 6 211 193.4 | 13.8 | 3.1 | 0.6 152.8 | 4.0 | 0.5 | 0.1 SBNMS part 97.1 | 2.5 | 0.3 | 0.0 Quad 92.2 | 6.0 | 1.3 | 0.5 SBNMS part 91.8 | 6.3 | 1.4 | 0.5 211 152 194.8 | 12.7 | 2.7 | 1.0 139.6 | 9.6 | 2.1 | 0.7 Quad 97.2 | 2.0 | 0.6 | 0.2 211 211 204.9 | 4.2 | 1.3 | 0.5 204.9 | 4.2 | 1.3 | 0.5 SBNMS part 97.2 | 2.0 | 0.6 | 0.2 Quad 93.7 | 4.7 | 1.4 | 0.3 122 9 211 197.9 | 9.8 | 3.0 | 0.6 120.1 | 1.7 | 0.0 | 0.0 SBNMS part 98.6 | 1.4 | 0.0 | 0.0 Quad 85.6 | 11.6 | 2.0 | 0.7 SBNMS part 86.7 | 10.8 | 1.8 | 0.7 10 211 181.2 | 24.6 | 4.3 | 1.6 166.4 | 20.7 | 3.5 | 1.4 Quad 62.1 | 24.9 | 8.8 | 4.2 211 131.4 | 52.6 | 18.7 | 8.9 131.4 | 52.6 | 18.7 | 8.9 SBNMS part 48.7 | 41.2 | 6.9 | 3.2 Quad 90.0 | 8.5 | 1.3 | 0.2 12 211 190.5 | 18.0 | 2.8 | 0.4 75.4 | 7.7 | 2.3 | 0.4 SBNMS part 87.9 | 9.0 | 2.7 | 0.4 Quad 87.0 | 11.2 | 1.4 | 0.4 SBNMS part 83.2 | 14.4 | 1.7 | 0.7 115 184.3 | 23.7 | 3.0 | 0.9 95.5 | 16.5 | 1.9 | 0.8 Quad 77.3 | 15.0 | 5.9 | 1.7 SBNMS part 77.3 | 15.1 | 5.9 | 1.7 14 212 212 163.5 | 31.8 | 12.6 | 3.6 163.5 | 31.8 | 12.6 | 3.6 Quad 87.0 | 12.6 | 0.3 | 0.0 15 212 184.4 | 26.8 | 0.6 | 0.1 48.0 | 1.7 | 0.1 | 0.1 SBNMS part 96.2 | 3.5 | 0.2 | 0.1 Quad 92.5 | 6.7 | 0.8 | 0.0 196.5 | 14.1 | 1.8 |0.0 16 212 0.7 | 0.0 | 0.0 | 0.0 SBNMS part 98.6 | 3.5 | 0.2 | 0.1 Quad 87.0 | 10.6 | 2.0 | 0.4 17 212 184.9 | 22.5 | 4.3 | 0.8 66.4 | 11.9 | 2.4 | 0.3 SBNMS part 81.9 | 14.7 | 3.0 | 0.4

11.2 | 1.9 | 0.3 | 0.0

Quad 71.6 | 26.2 | 2.1 | 0.1

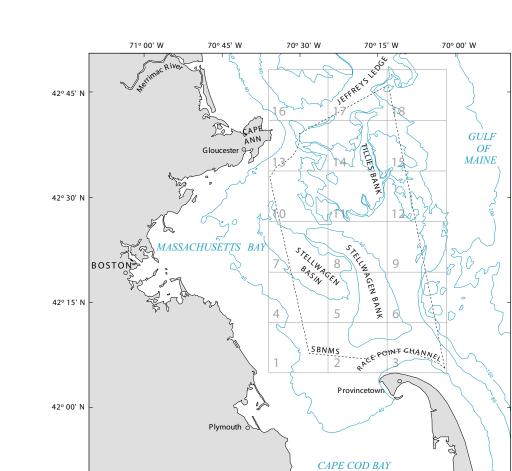
SBNMS part 83.7 | 13.9 | 2.4 | 0.0 All quads 89.2 | 8.6 | 1.7 | 0.5

AII SBNMS 89.4 | 7.7 | 2.1 | 0.8

Map E.—SEA FLOOR SLOPE AND SUN-ILLUMINATED TOPOGRAPHY
IN THE STELLWAGEN BANK NATIONAL MARINE SANCTUARY REGION

Page C. Valentine, Sarah J. Fuller, and Lian A. Scully

Sea Floor Image Maps showing Topography, Sun-illuminated Topography, Backscatter Intensity, Ruggedness, Slope, and the Distribution of Boulder Ridges and Bedrock Outcrops in the Stellwagen Bank National Marine Sanctuary Region off Boston, Massachusetts
Page C. Valentine, editor



SCIENTIFIC INVESTIGATIONS MAP 2840-E

Location Map - Shows map area and locations of quadrangles. Stellwagen Bank National Marine Sanctuary (SBNMS) boundary is shown as a dashed line. Bathymetry is labeled in meters.

152.0 | 55.7 | 4.5 | 0.2

Totals 3759 2241 All quads 3368.0 | 325.3 | 64.6 | 19.5 All SBNMS 2003.9 | 173.6 | 47.8 | 17.2

18 212

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