

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

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Valentine, P.C., ed., 2005, 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, one DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map A

Valentine, P.C., Baker, J.L., and Unger, T.S., 2005, Sea floor topography in the Stellwagen Bank National Marine Sanctuary region, map A of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map B

Valentine, P.C., Unger, T.S., and Baker, J.L., 2005, Sun-illuminated sea floor topography in the Stellwagen Bank National Marine Sanctuary region, map B of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map C

Valentine, P.C., Unger, T.S., and Baker, J.L., 2005, Backscatter intensity and sun-illuminated sea floor topography in the Stellwagen Bank National Marine Sanctuary region, map C of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map D

Valentine, P.C., Scully, L.A., and Fuller, S.J., 2005, Sea floor ruggedness in the Stellwagen Bank National Marine Sanctuary region, map D of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, 5 sheets, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map D, Sheet 1

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Map D, Sheet 2

Valentine, P.C., Scully, L.A., and Fuller, S.J., 2005, General sea floor ruggedness and sun-illuminated topography, sheet 2 of Sea floor ruggedness in the Stellwagen Bank National Marine Sanctuary region, map D of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map D, Sheet 3

Valentine, P.C., Scully, L.A., and Fuller, S.J., 2005, Sea floor ruggedness in the >30- to 100-centimeter range and sun-illuminated topography, sheet 3 of Sea floor ruggedness in the Stellwagen Bank National Marine Sanctuary region, map D of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map D, Sheet 4

Valentine, P.C., Scully, L.A., and Fuller, S.J., 2005, Sea floor ruggedness in the >1- to 2-meter range and sun-illuminated topography, sheet 4 of Sea floor ruggedness in the Stellwagen Bank National Marine Sanctuary region, map D of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map D, Sheet 5

Valentine, P.C., Scully, L.A., and Fuller, S.J., 2005, Sea floor ruggedness in the >2- to 6-meter range and sun-illuminated topography, sheet 5 of Sea floor ruggedness in the Stellwagen Bank National Marine Sanctuary region, map D of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map E

Valentine, P.C., Fuller, S.J., and Scully, L.A., 2005, Sea floor slope and sun-illuminated topography in the Stellwagen Bank National Marine Sanctuary region, map E of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map F

Valentine, P.C., Scully, L.A., and Fuller, S.J., 2005, Distribution of boulder ridges and bedrock outcrops in the Stellwagen Bank National Marine Sanctuary region, map F of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, 3 sheets, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map F, Sheet 1

Valentine, P.C., Scully, L.A., and Fuller, S.J., 2005, Boulder ridges, bedrock outcrops, and sea floor topography, sheet 1 of Distribution of boulder ridges and bedrock outcrops in the Stellwagen Bank National Marine Sanctuary region, map F of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map F, Sheet 2

Valentine, P.C., Scully, L.A., and Fuller, S.J., 2005, Boulder ridges, bedrock outcrops, and sun-illuminated sea floor topography, sheet 2 of Distribution of boulder ridges and bedrock outcrops in the Stellwagen Bank National Marine Sanctuary region, map F of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)

Map F, Sheet 3

Valentine, P.C., Scully, L.A., and Fuller, S.J., 2005, Boulder ridges, bedrock outcrops, sun-illuminated sea floor topography, and stations, sheet 3 of Distribution of boulder ridges and bedrock outcrops in the Stellwagen Bank National Marine Sanctuary region, map F of Valentine, P.C., ed., 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: U.S. Geological Survey Scientific Investigations Map 2840, scale 1:60,000, on a DVD-ROM. (Also available online at <http://pubs.usgs.gov/sim/2005/2840/>)