

U.S. Department of the Interior

U.S. Geological Survey

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION Pamphlet accompanies map 70°20' WESTERN EDGE FIFTEEN BANK WESTERN SPUR 42°17' STELLWAGEN BASIN 42°14' 42°13' 70°24' 70°17' SCALE 1:25 000 ONE CENTIMETER ON THE MAP REPRESENTS 250 METERS ON THE SEA FLOOR Geodetic Reference System 1980; North American Datum of 1983 Longitude of central meridian 70°19' W; latitude of true scale 41°39' N False easting 0 m; false northing 0 m 4 KILOMETERS This map is not intended for navigational purposes 2 NAUTICAL MILES CONTOURS SHOW SEABED DEPTH BELOW DATUM; CONTOUR INTERVAL 5 METERS DATUM MEAN LOWER LOW WATER 70°30' W 70°15' W SEABED BACKSCATTER INTENSITY INDEX [Small gray or black areas represent locations where no multibeam sonar data were collected] Seabed Type **EXPLANATION OF MAP SYMBOL** ---- Stellwagen Bank crestline Map C.—Backscatter Intensity and Sun-Illuminated Topography 42°00' N Seabed Maps Showing Topography, Ruggedness, Backscatter Intensity, Sediment Mobility, and the CAPE COD BAY

Prepared in cooperation with the

U.S. Geological Survey data release, https://doi.org/10.5066/P9W9BN3S.

Scientific Investigations Map 3515

Distribution of Geologic Substrates in Quadrangle 5 of the Stellwagen Bank National Marine Sanctuary Region

Offshore of Boston, Massachusetts

CAPE COD (

Location Map. Map showing the location of quadrangle 5 (highlighted in yellow) of the Stellwagen Bank National Marine Sanctuary region offshore of Boston,

Massachusetts. The numbered grid indicates the quadrangles of the U.S. Geological Survey multibeam sonar substrate-mapping project. The dashed line represents the Stellwagen Bank National Marine Sanctuary boundary. Bathymetric contours are

labeled in meters and the contour interval is variable. Base from Valentine and

Gallea (2015).