Stellwagen Bank Management Area

Identification

CITATION
CITATION INFORMATION
ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office
PUBLICATION DATE 2014-09-15
TITLE Stellwagen Bank Management Area
PUBLICATION INFORMATION
PUBLICATION PLACE Gloucester, MA
PUBLISHER NOAA National Marine Fisheries Service (NMFS) - Greater Atlantic Regional Fisheries Office (GARFO)
ONLINE LINKAGE http://www.greateratlantic.fisheries.noaa.gov/gis
ONLINE LINKAGE http://www.greateratlantic.fisheries.noaa.gov/

DESCRIPTION
ABSTRACT
This dataset depicts the boundaries of the Stellwagen Bank Management Area in ESRI shapefile format for the NOAA Fisheries Service’s Greater Atlantic Regional Fisheries Office (GARFO). This shapefile includes boundaries for the following Regulated Areas:
- Stellwagen Bank Management Area

Because GIS projection and topology functions can change or generalize coordinates, these GIS files are considered to be approximate representations and are NOT an OFFICIAL record for the exact regulated area boundaries. For information on the official legal definition refer to the Use Constraints metadata section.

PURPOSE
Beginning in 2010 and in response to mounting requests for digital depictions of NMFS Regulated Areas in Northeast and Mid-Atlantic Waters (Regulated Areas), the NMFS Greater Atlantic Regional Fisheries Office (GARFO) Geographic Information Systems (GIS) Committee launched a project to standardize the development, publication and regular updating of GIS files depicting Regulated Area boundaries. This dataset is a product of that initiative.

This dataset was created to depict the boundaries of NMFS Regulated Areas in Northeast and Mid-Atlantic Waters (Regulated Areas) only. For information on the proper use of the dataset refer to the Use Constraints metadata section.

TIME PERIOD OF CONTENT
TIME PERIOD INFORMATION
SINGLE DATE/Time
CALENDAR DATE 2014-09-15
CURRENTNESS REFERENCE
Publication date
STATUS Complete
MAINTENANCE AND UPDATE FREQUENCY As needed

SPATIAL DOMAIN
BOUNDING COORDINATES
WEST BOUNDING COORDINATE -80
EAST BOUNDING COORDINATE -64
NORTH BOUNDING COORDINATE 46
SOUTH BOUNDING COORDINATE 32

KEYWORDS
ISO 19115 Topic Category
boundaries
environment
location
oceans
planningCadastre

EPA GIS Keyword Thesaurus
Biology
Compliance
Conservation
Ecology
Ecosystem
Environment
Human
Management
Marine
Monitoring
Natural Resources
Permits
Regulatory
Water

GARFO Keywords
Atlantic
EEZ
Exclusive Economic Zone
GARFO
Greater Atlantic Regional Fisheries Office
Harbor Porpoise Take Reduction Plan
HPTRP
Marine Mammal Protection Act
MMPA
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
NMFS
NOAA
US EEZ

None
Atlantic Ocean
Greater Atlantic Region
Gulf of Maine
New England
United States
US EEZ
US Exclusive Economic Zone
None.

None.
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NOAA Fisheries Service. NMFS Regulated Areas in Northeast and Mid-Atlantic Waters. {SHAPEFILE TITLE} [Shapefile]. Gloucester, MA: National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS), Greater Atlantic Regional Fisheries Office (GARFO) [producer] {SHAPEFILE PUBLICATION DATE}.
http://www.greateratlantic.fisheries.noaa.gov/gis.

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This dataset was created to depict the boundaries of NMFS Regulated Areas in Northeast and Mid-Atlantic Waters (Regulated Areas) only. The dataset should not be used for a legal definition. The dataset should not be used to infer information regarding the existence or details of other marine features or resources, including, but not limited to, navigable waters, coastlines, bathymetry, submerged features, or man-made structures. Users assume responsibility for determining the appropriate use of this dataset.

*** Not the Legal Definition *** This Geographic Information System (GIS) dataset is not the legal definition of the Regulated Area. The description published in the U.S. Code of Federal Regulations is the only legal definition. This dataset and metadata document provide a broad overview of a subset of applicable fishing regulations, restrictions and requirements; it is not a substitute for the actual regulations. Users are encouraged to read the applicable regulations in conjunction with use of this dataset.

*** Temporal Considerations *** Regulated Area boundary definitions are subject to change or modification. Published datasets may represent historic, current, or future Regulated Areas. When changes to fishing regulations affect this dataset, it will be archived and replaced by an updated version as soon as feasible. Approved Regulated Area boundaries may also be published prior to their effective date. It is the user’s responsibility to ensure the applicable Regulated Area boundaries are being used.

*** Shorelines/Base Layers *** The accuracy of this dataset is dependent upon the accuracy and resolution of the datasets (e.g., shoreline, bathymetry, shared administrative boundaries) used in the creation process. Source datasets used are specified in the metadata. These data sources were selected for their suitability to a broad audience, and may not be suitable for specific uses requiring higher-resolution information. Coastlines change. Unless otherwise noted, where the NOAA Medium Resolution Shoreline is used, assume the regulatory boundary reaches the most current coastline delineation available.

POINTER CONTACT
CONTACT INFORMATION
CONTACT PERSON PRIMARY
CONTACT PERSON   Ellen Keane
CONTACT ORGANIZATION NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, Protected Resources Division
CONTACT POSITION GIS Committee Protected Resources Representative
CONTACT ADDRESS
ADDRESS TYPE mailing and physical address
ADDRESS 55 Great Republic Drive
CITY Gloucester
STATE OR PROVINCE MA
POSTAL CODE 01930

CONTACT VOICE TELEPHONE 978-282-8476
CONTACT FACSIMILE TELEPHONE 978-281-9394
CONTACT ELECTRONIC MAIL ADDRESS ellen.keane@noaa.gov
CONTACT INSTRUCTIONS http://www.greateratlantic.fisheries.noaa.gov/

SECURITY INFORMATION
SECURITY CLASSIFICATION SYSTEM FIPS Pub 199
SECURITY CLASSIFICATION No Confidentiality
SECURITY HANDLING DESCRIPTION Standard Technical Controls

Data Quality
LOGICAL CONSISTENCY REPORT
Check Geometry test has been performed in ArcGIS.

COMPLETENESS REPORT
Features represented are valid. No geometry problems were detected.

POSITIONAL ACCURACY
HORIZONTAL POSITIONAL ACCURACY REPORT
Data were collected using methods that are accurate to within 2-5 meters (EPA National Geospatial Data Policy [NGDP] Accuracy Tier 2). For more information, please see EPA's NGDP at http://epa.gov/geospatial/policies.html

LINEAGE
SOURCE INFORMATION
SOURCE CITATION
CITATION INFORMATION
ORIGINATOR Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS)

PUBLICATION DATE 2014-05-13
TITLE Electronic Code of Federal Regulations
EDITION Special Edition of the Federal Register
GEOSPATIAL DATA PRESENTATION FORM document
PUBLICATION INFORMATION
PUBLICATION PLACE Washington, DC
PUBLISHER Office of the Federal Register, National Archives and Records Administration and the Government Printing Office

OTHER CITATION DETAILS
The Electronic Code of Federal Regulations (e-CFR) is a current, daily updated version of the Code of Federal Regulations (CFR). It is not an official legal edition of the CFR. The e-CFR is an unofficial editorial compilation of CFR material and Federal Register amendments. Because the e-CFR is updated daily, the PUBLICATION DATE identified above refers to "e-CFR Data is current as of" date posted on the e-CFR website at the time the spatial definition was accessed online.

ONLINE LINKAGE http://www.ecfr.gov

TYPE OF SOURCE MEDIA online
Spatial definitions for Regulated Area boundaries.

[Get Definition Text] The current legal spatial definition for the Regulated Area was copied from the e-CFR website.

[Features, No Template] The coordinates of the Regulated Area were transferred to a spreadsheet, converted to Decimal Degrees, plotted as a point shapefile in NAD83, and then projected to NAD83 Mercator Projection. To generate the Regulated Area boundary in ArcGIS, these points were connected in the order specified in the spatial definition. When the spatial definition specified that points were connected by following a straight line, rhumb lines were constructed. When multiple Regulated Areas are a part of a larger grouping of related Regulated Areas, these steps were repeated to generate a unique feature for each Regulated Area and the features were then combined into a single shapefile. The boundaries were densified with consecutive vertices spaced no more than 10 nautical miles apart, to preserve rhumb line paths in other coordinate systems. The file was projected back to the un-projected NAD83 coordinate system.

[Add Attributes] The standardized attribute schema was applied to the shapefile, and the fields were defined.

[Policy Review] The Regulated Area spatial definition text, shapefile geometry and attribute values were reviewed with policy staff to verify that the shapefile accurately depicted and described the intended boundaries.

[Check Geometry] The ESRI ArcGIS Check Geometry tool was run on the shapefile to identify any geometry problems. If problems were encountered, they were reviewed and corrected.

[Metadata] A GARFO Regulated Area shapefile metadata template was developed using the EPA Metadata Editor v3.2. This template was applied and customized to reflect the specific characteristics of the given shapefile. The metadata was validated for FGDC CSDGM compliance.
[Final Review] The shapefile was reviewed by members of the GARFO GIS Committee, policy experts from the GARFO Division responsible for the Regulated Area, and General Counsel, according to the GARFO GIS Data Distribution Policy.

PROCESS DATE 2014

[Publication] The shapefile, with accompanying metadata, was uploaded for public download on the NOAA NMFS GARFO GIS website.

PROCESS DATE 2014-09-15

Spatial Reference ►

HORIZONTAL COORDINATE SYSTEM DEFINITION
GEOGRAPHIC
LATITUDE RESOLUTION 0.000001
LONGITUDE RESOLUTION 0.000001
GEOGRAPHIC COORDINATE UNITS Decimal degrees

GEODETIC MODEL
HORIZONTAL DATUM NAME North American Datum of 1983
ELLIPTOID NAME Geodetic Reference System 1980
SEMI-MAJOR AXIS 6378137.000000
DENOMINATOR OF FLATTENING RATIO 298.257222

Entities and Attributes ►

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL Regulated Area
ENTITY TYPE DEFINITION
NMFS Regulated Areas in Northeast and Mid-Atlantic Waters
ENTITY TYPE DEFINITION SOURCE GARFO

ATTRIBUTE
ATTRIBUTE LABEL FID
ATTRIBUTE DEFINITION
Internal feature number
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
System-generated internal feature number

ATTRIBUTE
ATTRIBUTE LABEL Shape
ATTRIBUTE DEFINITION
Feature geometry
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Coordinate geometry

ATTRIBUTE
ATTRIBUTE LABEL GARFO_ID
ATTRIBUTE DEFINITION
A unique identifier used to identify and track this feature; a new GARFO_ID is generated for each version of a Regulated Area (i.e. whenever boundaries or attributes are changed, edited or updated).

<table>
<thead>
<tr>
<th>ATTRIBUTE</th>
<th>ATTRIBUTE LABEL</th>
<th>AREANAME</th>
<th>ATTRIBUTE DEFINITION</th>
<th>Official name of the Regulated Area, usually the area name as printed in the CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTRIBUTE</td>
<td>ATTRIBUTE LABEL</td>
<td>COMMNAME</td>
<td>ATTRIBUTE DEFINITION</td>
<td>Most commonly used name. May be identical to AREANAME, an abbreviation of AREANAME, or a different name altogether.</td>
</tr>
<tr>
<td>ATTRIBUTE</td>
<td>ATTRIBUTE LABEL</td>
<td>AREAGROUP</td>
<td>ATTRIBUTE DEFINITION</td>
<td>Specifies if the Regulated Area is part of a group of related areas</td>
</tr>
<tr>
<td>ATTRIBUTE</td>
<td>ATTRIBUTE LABEL</td>
<td>DESCRIBE</td>
<td>ATTRIBUTE DEFINITION</td>
<td>A brief description of the purpose of the Regulated Area</td>
</tr>
<tr>
<td>ATTRIBUTE</td>
<td>ATTRIBUTE LABEL</td>
<td>CFRTITLE</td>
<td>ATTRIBUTE DEFINITION</td>
<td>CFR Title citation where the Regulated Area is legally defined</td>
</tr>
<tr>
<td>ATTRIBUTE</td>
<td>ATTRIBUTE LABEL</td>
<td>CFRPT</td>
<td>ATTRIBUTE DEFINITION</td>
<td>CFR Part citation where the Regulated Area is legally defined</td>
</tr>
</tbody>
</table>
ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES  UNREPRESENTABLE DOMAIN
Free text citation

ATTRIBUTE
ATTRIBUTE LABEL  CFRPTTXT
ATTRIBUTE DEFINITION  CFR Part citation header text
ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES  UNREPRESENTABLE DOMAIN
Free text name

ATTRIBUTE
ATTRIBUTE LABEL  CFRSUB
ATTRIBUTE DEFINITION  CFR Subpart citation where the Regulated Area is legally defined
ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES  UNREPRESENTABLE DOMAIN
Free text citation

ATTRIBUTE
ATTRIBUTE LABEL  CFRSUBTXT
ATTRIBUTE DEFINITION  CFR Subpart citation header text
ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES  UNREPRESENTABLE DOMAIN
Free text name

ATTRIBUTE
ATTRIBUTE LABEL  CFRSXN
ATTRIBUTE DEFINITION  CFR Section citation where the Regulated Area is legally defined
ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES  UNREPRESENTABLE DOMAIN
Free text citation

ATTRIBUTE
ATTRIBUTE LABEL  CFRSXNTXT
ATTRIBUTE DEFINITION  CFR Section citation header text
ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES  UNREPRESENTABLE DOMAIN
Free text name

ATTRIBUTE
ATTRIBUTE LABEL  CFRPARA
ATTRIBUTE DEFINITION  CFR Paragraph citation where the Regulated Area is legally defined
ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES  UNREPRESENTABLE DOMAIN
Free text citation
ATTRIBUTE
ATTRIBUTE LABEL CFRPARATXT
ATTRIBUTE DEFINITION
CFR Paragraph citation header text
ATTRIBUTE DEFINITION SOURCE GARFO
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Free text name

ATTRIBUTE
ATTRIBUTE LABEL FRCITE
ATTRIBUTE DEFINITION
Federal Register citation of original Regulated Area spatial definition, or last modification to the spatial definition, whichever is most recent. Refers to SPATIAL DEFINITION ONLY. Subsequent FR notices may have modified the requirements affecting waters within or outside this Regulated Area.
ATTRIBUTE DEFINITION SOURCE GARFO
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Free text name

ATTRIBUTE
ATTRIBUTE LABEL FRDATE
ATTRIBUTE DEFINITION
Federal Register citation date of original Regulated Area spatial definition, or the last modification to the spatial definition, whichever is most recent. Refers to SPATIAL DEFINITION ONLY. Subsequent FR notices may have modified the requirements affecting waters within or outside this Regulated Area.
ATTRIBUTE DEFINITION SOURCE GARFO
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Date

ATTRIBUTE
ATTRIBUTE LABEL EFFECTDATE
ATTRIBUTE DEFINITION
Date Regulated Area officially became law, or most recent modification
ATTRIBUTE DEFINITION SOURCE GARFO
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Date

ATTRIBUTE
ATTRIBUTE LABEL SOURCE
ATTRIBUTE DEFINITION
If Regulated Area is defined in the CFR, this is the citation for the Amendment/Framework/etc. that established the area. If the Regulated Area is not defined in the CFR, this is the alternative source citation establishing the Regulated Area.
ATTRIBUTE DEFINITION SOURCE GARFO
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Free text citation

ATTRIBUTE
ATTRIBUTE LABEL RECURST
ATTRIBUTE DEFINITION
Annually recurring date Regulated Area becomes active
Entity Attributes provide reference information for the Regulated Areas represented. Attributes provide citations for the legal spatial definition and originating documents, and currentness information for each area.

Distribution Information

DISTRIBUTOR
CONTACT INFORMATION
CONTACT PERSON PRIMARY
Contact Person Dean-Lorenz Szumylo
CONTACT ORGANIZATION NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee
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**Metadata Reference**

**Metadata Date** 2014-09-15  
**Metadata Future Review Date** 2018-09-15  
**Metadata Contact**  
**Contact Person Primary** Dean-Lorenz Szumylo  
**Contact Organization** NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee  
**Contact Position** GIS Specialist  
**Contact Address**  
**Address Type** mailing and physical address  
**Address** 55 Great Republic Drive  
**City** Gloucester  
**State or Province** MA  
**Postal Code** 01930  
**Contact Voice Telephone** 978-282-8479  
**Contact Facsimile Telephone** 978-281-9333  
**Contact Electronic Mail Address** dean.szumylo@noaa.gov  
**Contact Instructions**  
http://www.greateratlantic.fisheries.noaa.gov/  

**Metadata Standard Name** FGDC Content Standard for Digital Geospatial Metadata  
**Metadata Standard Version** FGDC-STD-001-1998