

# Northeast Canyons and Seamounts Marine National Monument

## Identification ►

### CITATION

#### CITATION INFORMATION

ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office

PUBLICATION DATE 2016-12-02

#### TITLE

Northeast Canyons and Seamounts Marine National Monument

#### 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 Northeast Canyons and Seamounts Marine National Monument 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:

- Northeast Canyons and Seamounts Marine National Monument Canyon Unit
- Northeast Canyons and Seamounts Marine National Monument Seamount Unit

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

This dataset was created to depict the boundaries of this marine national monument only. For information on the proper use of the dataset refer to the Use Constraints metadata section.

On September 15, 2016, President Obama designated the first marine national monument in the Atlantic Ocean, the Northeast Canyons and Seamounts Marine National Monument, using his authority under the Antiquities Act of 1906.

The monument includes two distinct areas. The Canyon Unit covers Oceanographer, Gilbert, and Lydonia Canyons. The Seamount Unit covers Bear, Physalia, Retriever, and Mytilus Seamounts. These are located about 130 miles east-southeast of Cape Cod, and cover a total area of more than 4,900 square miles, about the size of Connecticut, or slightly larger than Yellowstone National Park.

From the Presidential Proclamation:

"The Secretaries of Commerce and the Interior (Secretaries) shall share management responsibility for the monument. The Secretary of Commerce, through the National Oceanic and Atmospheric Administration (NOAA), and in consultation with the Secretary of the Interior, shall have responsibility for management of activities and species within the monument under the Magnuson-Stevens Fishery Conservation and Management Act, the Endangered Species Act (for species regulated by NOAA), the Marine Mammal Protection Act, and any other applicable Department of Commerce legal authorities. The Secretary of the Interior, through the United States Fish and Wildlife Service (FWS), and in consultation with the Secretary of Commerce, shall have responsibility for management of activities and species within the monument under its

applicable legal authorities, including the National Wildlife Refuge System Administration Act, the Refuge Recreation Act, and the Endangered Species Act (for species regulated by FWS), and Public Law 98-532 and Executive Order 6166 of June 10, 1933."

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2016-12-02

CURRENTNESS REFERENCE

Publication date

STATUS

PROGRESS Complete

MAINTENANCE AND UPDATE FREQUENCY As needed

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -69

EAST BOUNDING COORDINATE -65

NORTH BOUNDING COORDINATE 41

SOUTH BOUNDING COORDINATE 37

KEYWORDS

THEME

THEME KEYWORD THESAURUS ISO 19115 Topic Category

THEME KEYWORD biota

THEME KEYWORD boundaries

THEME KEYWORD environment

THEME KEYWORD location

THEME KEYWORD oceans

THEME KEYWORD planningCadastre

THEME

THEME KEYWORD THESAURUS EPA GIS Keyword Thesaurus

THEME KEYWORD Biology

THEME KEYWORD Compliance

THEME KEYWORD Conservation

THEME KEYWORD Ecology

THEME KEYWORD Ecosystem

THEME KEYWORD Environment

THEME KEYWORD Human

THEME KEYWORD Management

THEME KEYWORD Marine

THEME KEYWORD Monitoring

THEME KEYWORD Natural Resources

THEME KEYWORD Permits

THEME KEYWORD Regulatory

THEME KEYWORD Water

THEME

THEME KEYWORD THESAURUS GARFO Keywords

THEME KEYWORD American Lobster

THEME KEYWORD Atlantic

THEME KEYWORD Atlantic Deep-Sea Red Crab

THEME KEYWORD Atlantic Mackerel, Squid, and Butterfish

THEME KEYWORD Atlantic Sea Scallop

THEME KEYWORD EEZ

THEME KEYWORD Endangered Species Act

THEME KEYWORD ESA

THEME KEYWORD Exclusive Economic Zone  
THEME KEYWORD GARFO  
THEME KEYWORD Greater Atlantic Regional Fisheries Office  
THEME KEYWORD Magnuson-Stevens Act  
THEME KEYWORD Marine Mammal Protection Act  
THEME KEYWORD MMPA  
THEME KEYWORD Monkfish  
THEME KEYWORD MSA  
THEME KEYWORD National Marine Fisheries Service  
THEME KEYWORD National Oceanic and Atmospheric Administration  
THEME KEYWORD NEFMC  
THEME KEYWORD New England Fishery Management Council  
THEME KEYWORD NMFS  
THEME KEYWORD NOAA  
THEME KEYWORD Small Mesh Multispecies  
THEME KEYWORD Summer Flounder, Scup, and Black Sea Bass  
THEME KEYWORD US EEZ  
THEME KEYWORD Canyon  
THEME KEYWORD Antiquities Act  
THEME KEYWORD Deep Sea Canyons  
THEME KEYWORD Marine National Monument  
THEME KEYWORD National Wildlife Refuge System  
THEME KEYWORD National Wildlife Refuge System Administration Act  
THEME KEYWORD Northeast Canyons and Seamounts Marine National Monument  
THEME KEYWORD NWRS  
THEME KEYWORD NWRSAA  
THEME KEYWORD Refuges  
THEME KEYWORD Refuge Recreation Act  
THEME KEYWORD RRA  
THEME KEYWORD Seamount  
THEME KEYWORD U.S. Department of Commerce  
THEME KEYWORD U.S. Department of the Interior  
THEME KEYWORD U.S. Fish and Wildlife Service  
THEME KEYWORD USFWS

#### PLACE

PLACE KEYWORD THESAURUS None  
PLACE KEYWORD Atlantic Ocean  
PLACE KEYWORD Georges Bank  
PLACE KEYWORD Greater Atlantic Region  
PLACE KEYWORD Mid-Atlantic  
PLACE KEYWORD New England  
PLACE KEYWORD Southern New England  
PLACE KEYWORD United States  
PLACE KEYWORD US EEZ  
PLACE KEYWORD US Exclusive Economic Zone  
PLACE KEYWORD Oceanographer Canyon  
PLACE KEYWORD Gilbert Canyon  
PLACE KEYWORD Lydonia Canyon  
PLACE KEYWORD Bear Seamount  
PLACE KEYWORD Physalia Seamount  
PLACE KEYWORD Retriever Seamount  
PLACE KEYWORD Mytilus Seamount

#### ACCESS CONSTRAINTS

None.

## USE CONSTRAINTS

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<http://www.greateratlantic.fisheries.noaa.gov/gis>.

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

\*\*\* 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.

## POINT OF CONTACT

### CONTACT INFORMATION

#### CONTACT PERSON PRIMARY

CONTACT PERSON 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/>

SECURITY INFORMATION  
SECURITY CLASSIFICATION SYSTEM FIPS Pub 199  
SECURITY CLASSIFICATION public  
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

#### HORIZONTAL POSITIONAL ACCURACY REPORT

Data were collected using methods that are accurate to within 1 meter (EPA National Geospatial Data Policy [NGDP] Accuracy Tier 1). 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 Ocean Service (NOS), Office of Coast Survey (OCS)

PUBLICATION DATE 2011-05-01

#### TITLE

USMaritimeLimitsNBoundaries

EDITION 1

GEOSPATIAL DATA PRESENTATION FORM vector digital data

#### PUBLICATION INFORMATION

PUBLICATION PLACE Silver Spring, MD

PUBLISHER NOAA's Ocean Service, Office of Coast Survey (OCS)

ONLINE LINKAGE <http://www.nauticalcharts.noaa.gov/csdl/mbound.htm>

TYPE OF SOURCE MEDIA digital download (ESRI shapefile)

#### SOURCE TIME PERIOD OF CONTENT

#### TIME PERIOD INFORMATION

#### SINGLE DATE/TIME

CALENDAR DATE 2011-05-01

#### SOURCE CURRENTNESS REFERENCE

publication date

#### SOURCE CITATION ABBREVIATION

US EEZ

#### SOURCE CONTRIBUTION

This source marine boundary was used to generate template shapefiles, which were copied and used when Regulatory Area boundaries followed portions of the US Exclusive Economic Zone.

#### SOURCE INFORMATION

#### SOURCE CITATION

#### CITATION INFORMATION

ORIGINATOR U.S. Department of the Interior

PUBLICATION DATE 2016-09-15

#### TITLE

Secretaries Pritzker, Jewell Applaud President's Designation of Northeast Canyons and Seamounts Marine National Monument

GEOSPATIAL DATA PRESENTATION FORM map

#### PUBLICATION INFORMATION

PUBLICATION PLACE Washington, DC

PUBLISHER U.S. Department of the Interior

#### OTHER CITATION DETAILS

Citation is a joint Press Release issued by U.S. Secretary of Commerce Penny Pritzker and U.S. Secretary of the Interior Sally Jewell, citing President Obama's designation of the Northeast Canyons and Seamounts Marine National Monument. Online links point to static map graphics containing the bounding coordinates used to make this file. Monument boundaries will be codified in the Code of Federal Regulations (CFR) at a later date. At that point the CFR will represent the legal boundary definition.

ONLINE LINKAGE <https://www.doi.gov/pressreleases/secretaries-pritzker-jewell-applaud-presidents-designation-northeast-canyons-and-seamounts-marine-national-monument>

#### ONLINE LINKAGE

[https://www.doi.gov/sites/doi.gov/files/uploads/northeastcanyonsandseamountsmnm\\_600.pdf](https://www.doi.gov/sites/doi.gov/files/uploads/northeastcanyonsandseamountsmnm_600.pdf)

ONLINE LINKAGE <https://www.whitehouse.gov/the-press-office/2016/09/15/presidential-proclamation-northeast-canyons-and-seamounts-marine-national-monument>

ONLINE LINKAGE <https://www.whitehouse.gov/the-press-office/2016/09/15/fact-sheet-president-obama-continue-global-leadership-combatting-climate>

ONLINE LINKAGE <http://www.noaa.gov/news/first-marine-national-monument-created-in-atlantic>

TYPE OF SOURCE MEDIA online

SOURCE TIME PERIOD OF CONTENT

#### TIME PERIOD INFORMATION

#### SINGLE DATE/TIME

CALENDAR DATE 2016-09-15

SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

Press Release

SOURCE CONTRIBUTION

This document identifies the bounding coordinates of the monument.

#### PROCESS STEP

#### PROCESS DESCRIPTION

[Template Generation] Many NMFS Regulated Areas in Northeast and Mid-Atlantic Waters (Regulated Areas) share boundaries that are partially coincident with any combination of the following: 1) the U.S. Atlantic coastline; 2) the Submerged Lands Act boundary; 3) the U.S.-Canada Maritime Boundary in the Gulf of Maine; 4) the outward extent of the U.S. Exclusive Economic Zone (a.k.a. the "200-nautical mile line"). To standardize Regulated Area features sharing these boundaries, published shapefiles of the shared administrative boundaries were obtained from the authoritative agencies. A shoreline was selected that was suitable for general mapping purposes, freely and publicly available, of medium-resolution, and covering the extent of the U.S.. When necessary, the boundaries were transformed to NAD83. A series of template polygon shapefiles were then generated, using these authoritative boundaries as the outward extents of the polygon. All templates were generated in NAD83 geographic coordinate system. The templates created are: 1) Coast-to-EEZ: bounded by the coastline, the U.S.-Canada Maritime Boundary, the U.S. EEZ, and 81°W longitude off the southern extent of Florida (an arbitrary cut-off for the Atlantic); 2) Coast-to-SLA: bounded by the coastline, the U.S.-Canada Maritime Boundary, the Submerged Lands Act boundary, and 81°W longitude off the southern extent of Florida; 3) SLA-to-EEZ: bounded by the Submerged Lands Act boundary, the U.S.-Canada Maritime Boundary, the U.S. EEZ, and 81°W longitude off the southern extent of Florida.

These templates were subsequently copied and edited, as needed by the Regulated Area spatial definitions.

PROCESS DATE 2013

PROCESS STEP

PROCESS DESCRIPTION

[Get Definition Text] The spatial definition for the Monument was copied from the Press Release.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[Features From Templates] After determining that the bounding coordinates are connected following rhumb lines, the boundaries were drawn in an empty polyline shapefile (NAD83 geographic coordinate system) using the "Loxodrome" line type in the "Construct Geodetic" tool in ArcGIS 10. To generate the Monument boundary in ArcGIS, a copy of the Coast-to-EEZ template polygon was split by tracing this polyline boundary file. When the spatial definition specified that points were connected following the EEZ, the coinciding outward extent of the template polygon was used. After all points were appropriately connected, any portions of the template outside the defined Monument areas were discarded.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

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

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[Area Calculation] The shapefile was projected into a customized "USA\_Contiguous\_Albers\_Equal\_Area\_Conic\_USGS\_version" projected coordinate system. The coordinate system was modified to focus on the offshore region of the Monument. Coordinate System modifications include adjusting projection parameters as follows: False\_Easting: 0.0; False\_Northing: 0.0; Central\_Meridian: -67.0775; Standard\_Parallel\_1: 38.865; Standard\_Parallel\_2: 40.6; Latitude\_Of\_Origin: 39.7325. In the Equal Area shapefile, each feature's area was calculated in square miles and square kilometers. These values were copied back to the un-projected NAD83 version of the shapefile. Conversions to square nautical miles were calculated outside of GIS.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

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

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[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.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[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.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[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. The shapefile was then shared with colleagues at the U.S. Fish and Wildlife Service for review by their agency. Comments and feedback were incorporated into the data as necessary.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

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

PROCESS DATE 2016-12-02

## Spatial Reference ►

HORIZONTAL COORDINATE SYSTEM DEFINITION

GEOGRAPHIC

LATITUDE RESOLUTION 0.000001

LONGITUDE RESOLUTION 0.000001

GEOGRAPHIC COORDINATE UNITS Decimal degrees

GEODETTIC MODEL

HORIZONTAL DATUM NAME North American Datum of 1983

ELLIPSOID 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)

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

System-generated number

ATTRIBUTE

ATTRIBUTE LABEL AREANAME

ATTRIBUTE DEFINITION

Official name of the Regulated Area, usually the area name as printed in the CFR

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text name

ATTRIBUTE

ATTRIBUTE LABEL COMMNAME

ATTRIBUTE DEFINITION

Most commonly used name. May be identical to AREANAME, an abbreviation of AREANAME, or a different name altogether.

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text name

ATTRIBUTE

ATTRIBUTE LABEL AREAGROUP

ATTRIBUTE DEFINITION

Specifies if the Regulated Area is part of a group of related areas

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text name

ATTRIBUTE

ATTRIBUTE LABEL DESCRIBE

ATTRIBUTE DEFINITION

A brief description of the purpose of the Regulated Area

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text description

ATTRIBUTE

ATTRIBUTE LABEL CFRTITLE

ATTRIBUTE DEFINITION

CFR Title citation where the Regulated Area is legally defined

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text name

ATTRIBUTE

ATTRIBUTE LABEL CFRPT  
ATTRIBUTE DEFINITION  
CFR Part citation where the Regulated Area is legally defined  
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  
ATTRIBUTE DEFINITION SOURCE GARFO  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Date

ATTRIBUTE  
ATTRIBUTE LABEL RECUREND  
ATTRIBUTE DEFINITION  
Annually recurring date Regulated Area becomes inactive  
ATTRIBUTE DEFINITION SOURCE GARFO  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Date

ATTRIBUTE  
ATTRIBUTE LABEL GISAUTHOR  
ATTRIBUTE DEFINITION  
Name of the NOAA staff person who created the GIS feature  
ATTRIBUTE DEFINITION SOURCE GARFO  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Name

ATTRIBUTE  
ATTRIBUTE LABEL CREATED  
ATTRIBUTE DEFINITION  
Creation date of the GIS feature  
ATTRIBUTE DEFINITION SOURCE GARFO  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Date

ATTRIBUTE  
ATTRIBUTE LABEL AREANOTES  
ATTRIBUTE DEFINITION  
Miscellaneous notes regarding the Regulated Area or feature  
ATTRIBUTE DEFINITION SOURCE GARFO  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Free text description

ATTRIBUTE  
ATTRIBUTE LABEL SQMI  
ATTRIBUTE DEFINITION  
The feature area in square miles.  
ATTRIBUTE DEFINITION SOURCE GARFO  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Coordinate geometry

ATTRIBUTE  
ATTRIBUTE LABEL SQNMI  
ATTRIBUTE DEFINITION  
The feature area in square nautical miles.  
ATTRIBUTE DEFINITION SOURCE GARFO

[ATTRIBUTE DOMAIN VALUES](#)  
[UNREPRESENTABLE DOMAIN](#)  
Coordinate geometry

[ATTRIBUTE](#)  
[ATTRIBUTE LABEL](#) SQKM  
[ATTRIBUTE DEFINITION](#)  
The feature area in square kilometers  
[ATTRIBUTE DEFINITION SOURCE](#) GARFO  
[ATTRIBUTE DOMAIN VALUES](#)  
[UNREPRESENTABLE DOMAIN](#)  
Coordinate geometry

[OVERVIEW DESCRIPTION](#)  
[ENTITY AND ATTRIBUTE OVERVIEW](#)

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.

[ENTITY AND ATTRIBUTE DETAIL CITATION](#)

FILEDS\_Map.xlsx fully describes the Attribute Schema used for regulated area GIS data sets. To access this document, see the Contact Information.

## 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  
[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/>

[RESOURCE DESCRIPTION](#) Downloadable Data  
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## Metadata Reference ►

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