# **Redfish Exemption Areas**

Thumbnail Not Available

## Tags

boundaries, environment, location, oceans, planningCadastre, Biology, Compliance, Conservation, Ecology, Ecosystem, Environment, Human, Management, Marine, Monitoring, Natural Resources, Permits, Regulatory, Water, Atlantic, EEZ, Exclusive Economic Zone, GARFO, Greater Atlantic Regional Fisheries Office, National Marine Fisheries Service, National Oceanic and Atmospheric Administration, NMFS, NOAA, US EEZ

## **Summary**

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. **Description** 

This dataset depicts the boundaries of the Redfish Exemption Areas 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:

- Redfish Exemption Area
- Redfish Exemption Area Cod Closure
- Redfish Exemption Area Seasonal Closure II

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.

## Credits

There are no credits for this item.

## **Use limitations**

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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. \*\*\* No Warranty\*\*\* The user assumes the entire risk related to its use of these data. NMFS is providing these data "as is," and NMFS disclaims any and all warranties, whether express or implied, including (without limitation) any implied warranties of merchantability or fitness for a particular purpose. No warranty expressed or implied is made regarding the accuracy or utility of the data on any other system or for general or scientific purposes, nor shall the act of distribution constitute any such warranty. It is strongly recommended that careful attention be paid to the contents of the metadata file associated with these data to evaluate dataset limitations, restrictions or intended use. In no event will NMFS be liable to you or to any third party for any direct, indirect, incidental, consequential, special or exemplary damages or lost profit resulting from any use or misuse of this data.

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\*\*\* 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.

## Extent

There is no extent for this item.

## Scale Range

There is no scale range for this item.

## ArcGIS Metadata ▼

## TITLE Redfish Exemption Areas

Hide Citation ▲ CREDITS

#### Hide Resource Details

#### CONSTRAINTS

#### LIMITATIONS OF USE

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{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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Coastlines change. Unless otherwise noted, where the NOAA Medium Resolution Shoreline is used, assume the regulatory boundary reaches the most current coastline delineation available.

Hide Resource Constraints

DETAILS FOR OBJECT Regulated Area

DEFINITION

NMFS Regulated Areas in Northeast and Mid-Atlantic Waters

**DEFINITION SOURCE** 

GARFO

FIELD FID ►

FIELD DESCRIPTION

Internal feature number

**DESCRIPTION SOURCE** 

ESRI

DESCRIPTION OF VALUES

System-generated internal feature number

Hide Field FID ▲

FIELD Shape

FIELD DESCRIPTION

Feature geometry

**DESCRIPTION SOURCE** 

ESRI

DESCRIPTION OF VALUES

Coordinate geometry

Hide Field Shape **A** 

## FIELD GARFO\_ID ►

## FIELD DESCRIPTION

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)

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

System-generated number

Hide Field GARFO\_ID ▲

FIELD AREANAME

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text name

Hide Field AREANAME

FIELD COMMNAME

## FIELD DESCRIPTION

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

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text name

Hide Field COMMNAME ▲

FIELD AREAGROUP

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text name

Hide Field AREAGROUP ▲

FIELD DESCRIBE

FIELD DESCRIPTION

A brief description of the purpose of the Regulated Area

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text description

Hide Field DESCRIBE

FIELD CFRTITLE ►

FIELD DESCRIPTION

CFR Title citation where the Regulated Area is legally defined

**DESCRIPTION SOURCE** 

GARFO

DESCRIPTION OF VALUES

Free text name

Hide Field CFRTITLE

## FIELD CFRPT ►

#### FIELD DESCRIPTION

CFR Part citation where the Regulated Area is legally defined

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text citation

Hide Field CFRPT ▲

FIELD CFRPTTXT ►

## FIELD DESCRIPTION

CFR Part citation header text

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text name

Hide Field CFRPTTXT ▲

## FIELD CFRSUB

## FIELD DESCRIPTION

CFR Subpart citation where the Regulated Area is legally defined

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text citation

Hide Field CFRSUB ▲

FIELD CFRSUBTXT ►

FIELD DESCRIPTION

CFR Subpart citation header text

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text name

Hide Field CFRSUBTXT ▲

FIELD CFRSXN ►

FIELD DESCRIPTION

CFR Section citation where the Regulated Area is legally defined

DESCRIPTION SOURCE

# GARFO

DESCRIPTION OF VALUES

Free text citation

Hide Field CFRSXN ▲

FIELD CFRSXNTXT ►

FIELD DESCRIPTION

CFR Section citation header text

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text name

Hide Field CFRSXNTXT ▲

FIELD CFRPARA

FIELD DESCRIPTION

CFR Paragraph citation where the Regulated Area is legally defined

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Free text citation

Hide Field CFRPARA ▲

FIELD CFRPARATXT ►

FIELD DESCRIPTION

CFR Paragraph citation header text

DESCRIPTION SOURCE

GARFO

#### DESCRIPTION OF VALUES

Free text name

Hide Field CFRPARATXT ▲

#### FIELD FRCITE ►

### FIELD DESCRIPTION

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.

**DESCRIPTION SOURCE** 

GARFO

DESCRIPTION OF VALUES

Free text name

Hide Field FRCITE ▲

## FIELD FRDATE

#### FIELD DESCRIPTION

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.

**DESCRIPTION SOURCE** 

GARFO

DESCRIPTION OF VALUES

Date

Hide Field FRDATE

### FIELD EFFECTDATE

FIELD DESCRIPTION

Date Regulated Area officially became law, or most recent modification

**DESCRIPTION SOURCE** 

GARFO

DESCRIPTION OF VALUES

Date

Hide Field EFFECTDATE

## FIELD SOURCE ►

### FIELD DESCRIPTION

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.

#### **DESCRIPTION SOURCE**

GARFO

## DESCRIPTION OF VALUES

Free text citation

## Hide Field SOURCE ▲

#### FIELD RECURST ►

### FIELD DESCRIPTION

Annually recurring date Regulated Area becomes active

**DESCRIPTION SOURCE** 

GARFO

DESCRIPTION OF VALUES

Date

Hide Field RECURST ▲

FIELD RECUREND ►

FIELD DESCRIPTION

Annually recurring date Regulated Area becomes inactive

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Date

Hide Field RECUREND

FIELD GISAUTHOR

FIELD DESCRIPTION

Name of the NOAA staff person who created the GIS feature

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Name

Hide Field GISAUTHOR

FIELD CREATED ►

FIELD DESCRIPTION

Creation date of the GIS feature

DESCRIPTION SOURCE

GARFO

DESCRIPTION OF VALUES

Date

Hide Field CREATED ▲

FIELD AREANOTES ►

FIELD DESCRIPTION

Miscellaneous notes regarding the Regulated Area or feature

**DESCRIPTION SOURCE** 

GARFO

DESCRIPTION OF VALUES

Free text description

Hide Field AREANOTES

Hide Details for object Regulated Area

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

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

Hide Overview Description

Hide Fields 🔺

# FGDC Metadata (read-only) ►

# Identification **>**

CITATION

CITATION INFORMATION

ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office

PUBLICATION DATE 2021-09-22

TITLE

Redfish Exemption Areas

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 Redfish Exemption Areas 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:

- Redfish Exemption Area
- Redfish Exemption Area Cod Closure
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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 2021-09-22

CURRENTNESS REFERENCE

Publication date STATUS

PROGRESS 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

## THEME

THEME KEYWORD THESAURUS ISO 19115 Topic Category

THEME KEYWORD boundaries

THEME KEYWORD environment

THEME KEYWORD location

THEME KEYWORD OCEANS

THEME KEYWORD planningCadastre

THEME KEYWORD THESAURUS EPA GIS Keyword Thesaurus

## THEME

THEME RETWORD	Inesaurus
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	Atlantic
THEME KEYWORD	EEZ
THEME KEYWORD	Exclusive Economic Zone
THEME KEYWORD	GARFO
THEME KEYWORD	Greater Atlantic Regional Fisheries Office
Theme Keyword	National Marine Fisheries Service

THEME KEYWORD National Oceanic and Atmospheric Administration

THEME KEYWORD NMFS

THEME KEYWORD NOAA

THEME KEYWORD US EEZ

### Place

PLACE KEYWORD THESAURUS None

PLACE KEYWORD United States

PLACE KEYWORD Atlantic Ocean

PLACE KEYWORD Greater Atlantic Region

PLACE KEYWORD US EEZ

PLACE KEYWORD US Exclusive Economic Zone

#### ACCESS CONSTRAINTS

None.

#### USE CONSTRAINTS

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Coastlines change. Unless otherwise noted, where the NOAA Medium Resolution Shoreline is used, assume the regulatory boundary reaches the most current coastline delineation available.

POINT OF CONTACT

CONTACT INFORMATION

CONTACT PERSON PRIMARY

CONTACT PERSON Kyle Molton

CONTACT ORGANIZATION NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, Sustainable Fisheries Division

CONTACT POSITION Fishery Management 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) 281-9236

CONTACT FACSIMILE TELEPHONE 978-281-9135

CONTACT ELECTRONIC MAIL ADDRESS kyle.molton@noaa.gov

CONTACT INSTRUCTIONS

http://www.greateratlantic.fisheries.noaa.gov/

SECURITY INFORMATION

SECURITY CLASSIFICATION SYSTEM http://project-open-data.github.io/schema/#accessLevel

SECURITY CLASSIFICATION public

SECURITY HANDLING DESCRIPTION Standard Technical Controls

## Hide Identification

# 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 have unknown accuracy (EPA National Geospatial Data Policy [NGDP] Accuracy Tier 10). 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 2021-07-28

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

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2021-97-28

SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

## e-CFR

SOURCE CONTRIBUTION

Spatial definitions for Regulated Area boundaries. SOURCE INFORMATION

SOURCE CITATION

CITATION INFORMATION

**ORIGINATOR** Bureau of Ocean Energy Management, Regulation and Enforcement, Mapping and Boundary Branch

PUBLICATION DATE 2010-10-05

TITLE

Atlantic NAD83 Submerged Lands Act Boundary

GEOSPATIAL DATA PRESENTATION FORM vector digital data

SERIES INFORMATION

SERIES NAME Digital Offshore Cadastre

ISSUE IDENTIFICATION CURRENT

PUBLICATION INFORMATION

PUBLICATION PLACE Herndon, Virginia

**PUBLISHER** Bureau of Ocean Energy Management, Regulation and Enforcement, Mapping and Boundary Branch

ONLINE LINKAGE http://www.boemre.gov/offshore/mapping/atlantic.htm

LARGER WORK CITATION

CITATION INFORMATION

**ORIGINATOR** Bureau of Ocean Energy Management, Regulation and Enforcement, Mapping and Boundary Branch

PUBLICATION DATE 2010-10-05

TITLE

BOEMRE Offshore Cadastral Data

GEOSPATIAL DATA PRESENTATION FORM map

PUBLICATION INFORMATION

PUBLICATION PLACE Herndon, Virginia

**PUBLISHER** Bureau of Ocean Energy Management, Regulation and Enforcement, Mapping and Boundary Branch

TYPE OF SOURCE MEDIA digital download (ESRI shapefile)

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

RANGE OF DATES/TIMES

BEGINNING DATE 2005

ENDING DATE 2008

SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

SLA

#### 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 Submerged Lands Act boundary (a.k.a. 3 nautical mile line; a.k.a. Fed-State boundary). 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 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

Territorial Sea

SOURCE CONTRIBUTION

This source marine boundary was used when Regulatory Area boundaries followed portions of the limit of the US Territorial Sea (12nmi line). SOURCE INFORMATION

SOURCE CITATION

CITATION INFORMATION

ORIGINATOR Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Special Projects (SP)

PUBLICATION DATE 1998

TITLE

NOAA's Medium Resolution Digital Vector Shoreline (1998) for the Contiguous United States

GEOSPATIAL DATA PRESENTATION FORM vector digital data

PUBLICATION INFORMATION

PUBLICATION PLACE Silver Spring, MD

PUBLISHER NOAA's Ocean Service, Special Projects (SP)

ONLINE LINKAGE http://www.ngdc.noaa.gov/mgg/shorelines/noaamrdvs.html

SOURCE SCALE DENOMINATOR 70000

TYPE OF SOURCE MEDIA digital download (ESRI shapefile)

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

RANGE OF DATES/TIMES

BEGINNING DATE 1988

ENDING DATE 1992

SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

NOAA Medium Resolution Shoreline

## SOURCE CONTRIBUTION

This source shoreline was used to generate template shapefiles, which were copied and used when Regulatory Area boundaries followed portions of the US Atlantic coastline. This data source was selected for its 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. Source INFORMATION

SOURCE CITATION

CITATION INFORMATION

ORIGINATOR DOC/NOAA/NESDIS/NGDC > National Geophysical Data Center, NESDIS, NOAA, U.S. Department of Commerce

PUBLICATION DATE 2009

TITLE

ETOPO1 1 Arc-Minute Global Relief Model

Edition First

GEOSPATIAL DATA PRESENTATION FORM raster digital data

PUBLICATION INFORMATION

PUBLICATION PLACE not specified

PUBLISHER DOC/NOAA/NESDIS/NGDC - National Geophysical Data Center

OTHER CITATION DETAILS

Amante, C. and B.W. Eakins, 2009. ETOPO1 1 Arc-Minute Global Relief Model: Procedures, Data Sources and Analysis. NOAA Technical Memorandum NESDIS NGDC-24. National Geophysical Data Center, NOAA. doi:10.7289/V5C8276M.

ONLINE LINKAGE http://www.ngdc.noaa.gov/mgg/global/global.html

Online Linkage

http://www.ngdc.noaa.gov/mgg/global/relief/ETOPO1/data/bedrock/grid\_registere d/binary/etopo1\_bed\_g\_f4.zip

TYPE OF SOURCE MEDIA digital download (4-byte, 32-bit float)

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2009

## SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

ETOPO1

SOURCE CONTRIBUTION

This source topography dataset was used to derive bathymetric contour lines. 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 current legal spatial definition for the Regulated Area was copied from the e-CFR website. PROCESS DATE 2018

#### PROCESS STEP

#### PROCESS DESCRIPTION

2 EDITS (Densification version) [Features From Templates] The (Coast-to-EEZ, Coast-to-SLA, SLA-to-EEZ) template shapefile was copied. If necessary, the coordinates of the Regulated Area definition were converted to Decimal Degrees. To generate the Regulated Area boundary in ArcGIS, the template polygon was split by connecting these points in the order specified in the spatial definition. When the spatial definition specified that points were constructed by following a straight line, rhumb lines were constructed. As an exception, points intended to fall along the U.S.-Canada Maritime Boundary were connected by following the geodesic line that legally defines that international boundary. When the spatial definition specified that points were connected by following the geodesic line that legally defines that international boundary.

(Coastline, SLA, 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 Regulated Area were discarded. 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 file was projected to NAD83 Mercator Projection, and 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.

PROCESS DATE 2018

## PROCESS STEP

## PROCESS DESCRIPTION

[COLREGS] Where specified in the Regulated Area definition, inshore and offshore waters were separated following COLREGS lines. These inlet/bay crossings were drawn after consulting a combination of a) the COLREGS definitions in 33 CFR 80, b) the NOAA Coastal Services Center COLREGS shapefile, and c) the NOAA Medium Resolution Shoreline shapefile because COLREGS lines described by a single source may not always fully cross the specified waterway as depicted by the source shoreline data set. PROCESS DATE 2018

#### PROCESS STEP

## PROCESS DESCRIPTION

(Densification) [Features, No Template] If necessary, the coordinates of the Regulated Area were converted to Decimal Degrees. 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 file was projected to NAD83 Mercator Projection, and 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.

PROCESS DATE 2018

## PROCESS STEP

#### PROCESS DESCRIPTION

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

PROCESS DATE 2018

## PROCESS STEP

#### PROCESS DESCRIPTION

[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.

PROCESS DATE 2018

#### $\mathsf{PROCESS}\;\mathsf{STEP}$

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 2018

### 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 2018

#### 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. PROCESS DATE 2018

# PROCESS STEP

PROCESS DESCRIPTION

[Publication] The shapefile, with accompanying metadata, was uploaded for public download on the NOAA NMFS GARFO GIS website. PROCESS DATE 2018-04-09

## Hide Data Quality 🔺

## Spatial Reference ►

HORIZONTAL COORDINATE SYSTEM DEFINITION

GEOGRAPHIC

LATITUDE RESOLUTION 0.00001

LONGITUDE RESOLUTION 0.00001

GEOGRAPHIC COORDINATE UNITS Decimal degrees

GEODETIC 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

## Hide Spatial Reference

# **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

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

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

## Hide Entities and Attributes

# **Distribution Information** ►

DISTRIBUTOR

CONTACT INFORMATION

CONTACT PERSON PRIMARY

CONTACT PERSON Talya ten Brink

CONTACT ORGANIZATION NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee

CONTACT POSITION GIS Specialist

CONTACT ADDRESS

ADDRESS TYPE mailing and physical address

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CITY Gloucester

STATE OR PROVINCE MA

Postal Code 01930

CONTACT VOICE TELEPHONE 978-675-2190

CONTACT FACSIMILE TELEPHONE 978-281-9333

CONTACT ELECTRONIC MAIL ADDRESS talya.tenbrink@noaa.gov

CONTACT INSTRUCTIONS

http://www.greateratlantic.fisheries.noaa.gov/

RESOURCE DESCRIPTION Downloadable Data

DISTRIBUTION LIABILITY

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## Metadata Reference

METADATA DATE 2021-09-22 METADATA FUTURE REVIEW DATE 2025-09-22 METADATA CONTACT CONTACT INFORMATION CONTACT PERSON PRIMARY CONTACT PERSON Talya ten Brink

CONTACT ORGANIZATION NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee

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CONTACT ELECTRONIC MAIL ADDRESS talya.tenbrink@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

Hide Metadata Reference 🔺