

North Atlantic Right Whale Critical Habitat

Metadata also available as

Metadata:

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Identification Information:

Citation:

Citation Information:

Originator: NOAA Fisheries Greater Atlantic Regional Fisheries Office

Publication Date: 20160126

Title: North Atlantic Right Whale Critical Habitat

Geospatial Data Presentation Form: vector digital data

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://sero.nmfs.noaa.gov/>

Online Linkage: <http://www.greateratlantic.fisheries.noaa.gov/>

Online Linkage: http://sero.nmfs.noaa.gov/maps_gis_data/

Description:

Abstract:

This dataset depicts the boundaries of the North Atlantic Right Whale Critical Habitat 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: - Critical Habitat for North Atlantic Right Whale Unit 1 - Critical Habitat for North Atlantic Right Whale Unit 2. Please Note: Unit 1, in the Gulf of Maine, falls under the jurisdiction of the NOAA Fisheries Greater Atlantic Region. Unit 2, off the southeastern US coast, falls under the jurisdiction of the NOAA Fisheries Southeast Region. 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, Mid-Atlantic, and Southeast 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, Mid-Atlantic, and Southeast Waters (Regulated Areas) only. For information on the proper use of the dataset refer to the Use Constraints metadata section.

Supplemental Information:

Unit 1, in the Gulf of Maine, falls under the jurisdiction of the NOAA Fisheries Greater Atlantic Region. Unit 2, off the southeastern US coast, falls under the jurisdiction of the NOAA Fisheries Southeast Region.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 20160126

Currentness_Reference: Publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -81.460449

East_Bounding_Coordinate: -66.885416

North_Bounding_Coordinate: 44.828860

South_Bounding_Coordinate: 28.000000

Keywords:

Theme:

Theme_Keyword_Thesaurus: ISO 19115 Topic Category

Theme_Keyword: boundaries

Theme_Keyword: location

Theme_Keyword: oceans

Theme_Keyword: environment

Theme_Keyword: planningCadastre

Theme:

Theme_Keyword_Thesaurus: GARFO Keywords

Theme_Keyword: North Atlantic Right Whale

Theme_Keyword: National Oceanic and Atmospheric Administration

Theme_Keyword: National Marine Fisheries Service

Theme_Keyword: Greater Atlantic Regional Fisheries Office

Theme_Keyword: GARFO

Theme_Keyword: Southeast Regional Office

Theme_Keyword: SERO

Theme_Keyword: Endangered Species Act

Theme_Keyword: Critical Habitat

Theme_Keyword: NOAA

Theme_Keyword: ESA

Theme_Keyword: Atlantic

Theme_Keyword: US EEZ

Theme_Keyword: EEZ

Theme_Keyword: NMFS

Theme_Keyword: Exclusive Economic Zone

Theme:

Theme_Keyword_Thesaurus: EPA GIS Keyword Thesaurus

Theme_Keyword: Biology

Theme_Keyword: Monitoring

Theme_Keyword: Water

Theme_Keyword: Natural Resources

Theme_Keyword: Permits

Theme_Keyword: Ecology

Theme_Keyword: Human

Theme_Keyword: Environment

Theme_Keyword: Ecosystem

Theme_Keyword: Management

Theme_Keyword: Marine

Theme_Keyword: Conservation

Theme_Keyword: Regulatory

Theme_Keyword: Compliance

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: US Exclusive Economic Zone

Place_Keyword: Greater Atlantic Region

Place_Keyword: Georges Bank

Place_Keyword: United States

Place_Keyword: Atlantic Ocean

Place_Keyword: Gulf of Maine

Place_Keyword: Southeast

Place_Keyword: Cape Cod Bay

Place_Keyword: Southern New England

Place_Keyword: US EEZ

Place_Keyword: New England

Place_Keyword: North Carolina

Place_Keyword: South Carolina

Place_Keyword: Georgia

Place_Keyword: Florida

Place_Keyword: Cape Fear

Place_Keyword: Cape Canaveral

Access_Constraints: None

Use_Constraints:

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copyrighted works consisting predominantly of material created by the Federal Government are encouraged to provide notice with such work(s) identifying the U.S. Government material incorporated and stating that such material is not subject to copyright protection. Please cite Regulated Area datasets as follows, with the appropriate information substituted for all text in {CURLY BRACKETS}: 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. *** Proper Usage *** The information on government servers are in the public domain, unless specifically annotated otherwise, and may be used freely by the public. Before using information obtained from this server, special attention should be given to the date and time of the data and products being displayed. This information shall not be modified in content and then presented as official government material. This dataset was created to depict the boundaries of NMFS Regulated Areas in Northeast, Mid-Atlantic, and Southeast 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.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization:

NOAA Fisheries Service Southeast Regional Office, Protected Resources Division

Contact_Person: Barb Zoodsma

Contact_Address:

Address_Type: mailing and physical
Address: 2382 Sadler Rd
City: Fernandina Beach
State_or_Province: FL
Postal_Code: 32034

Contact_Voice_Telephone: 904-321-2806
Contact_Electronic_Mail_Address: barb.zoodsma@noaa.gov
Contact_Instructions: <<http://sero.nmfs.noaa.gov/>>

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization:
NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, Protected
Resources Division
Contact_Person: Michael Asaro

Contact_Position: GIS Committee Protected Resources Representative
Contact_Address:

Address_Type: mailing and physical
Address: 55 Great Republic Drive
City: Gloucester
State_or_Province: MA
Postal_Code: 01930

Contact_Voice_Telephone: 978-282-8469
Contact_Facsimile_Telephone: 978-281-9394
Contact_Electronic_Mail_Address: michael.asaro@noaa.gov
Contact_Instructions: <<http://www.greateratlantic.fisheries.noaa.gov/>>

Security_Information:

Security_Classification_System: FIPS Pub 199
Security_Handling_Description: Standard Technical Controls

Native_Data_Set_Environment:

Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.1.4959

Data_Quality_Information:

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 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 Ocean Service (NOS), Special Projects (SP)

Publication_Date: 19980101

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: None

Source_Time_Period_of_Content:

*Time_Period_Information:**Range_of_Dates/Times:*

Beginning_Date: 19880101

Ending_Date: 19920101

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:*

Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Office of Coast Survey (OCS)

Publication_Date: 20110501

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: None

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 20110501

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 Marine Fisheries Service (NMFS)

Publication_Date: 20160127

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: 20160127

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:

Department of Commerce (DOC), National Oceanic and Atmospheric Administration

Publication_Date: 20100101

Title: Collision Regulations Boundary

Geospatial_Data_Presentation_Form: vector digital data

Publication_Information:

Publication_Place: Charleston, SC

Publisher: NOAA's Ocean Service, Coastal Services Center (CSC)

Type_of_Source_Media: None

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 20100101

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: COLREGS

Source_Contribution: This boundary was used for delineating the COLREGS boundaries.

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: 20130101

*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: 20160101

*Process_Step:**Process_Description:*

[Features From Templates] The Coast-to-EEZ template shapefile was copied and projected to NAD83 Mercator Projection. The coordinates of the Regulated Area definition 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, 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 connected by following the Coastline, the coinciding outward extent of the template polygon was used. When the spatial definition specified that points were connected 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. 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 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: 20160101

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: 20160101

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: 20160101

Process_Step:

Process_Description:

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

Process_Date: 20160101

Process_Step:

Process_Description:

[Combine Features] The Unit 1 (produced by the Greater Atlantic Regional Fisheries Office) and Unit 2 (produced by the Southeast Regional Office) boundaries were merged into a single shapefile.

Process_Date: 20160101

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: 20160101

Process_Step:

Process_Description:

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

Process_Date: 20160126

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
Point_and_Vector_Object_Count: 2

*Spatial_Reference_Information:**Horizontal_Coordinate_System_Definition:**Geographic:*

Latitude_Resolution: 8.9831528411952133e-009
Longitude_Resolution: 8.9831528411952133e-009
Geographic_Coordinate_Units: Decimal Degrees

Geodetic_Model:

Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

*Entity_and_Attribute_Information:**Detailed_Description:**Entity_Type:*

Entity_Type_Label: North_Atlantic_Right_Whale_Critical_Habitat
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:

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

Metadata_Reference_Information:

Metadata_Date: 20160126

Metadata_Future_Review_Date: 20200126

Metadata_Contact:

*Contact_Information:**Contact_Organization_Primary:**Contact_Organization:*

NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee

Contact_Person: Dean-Lorenz Szumylo

Contact_Position: GIS Specialist

Contact_Address:

Address_Type: mailing and physical

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

Metadata_Time_Convention: local time

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