Great South Channel Restricted Gillnet Areas

Identification

CITATION
CITATION INFORMATION
ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office
PUBLICATION DATE 2015-06-05
TITLE Great South Channel Restricted Gillnet Area and GSC Sliver Restricted Area
PUBLICATION INFORMATION
PUBLICATION PLACE Gloucester, MA
PUBLISHER NOAA National Marine Fisheries Service (NMFS) - Greater Atlantic Regional Fisheries Office (GARFO)
ONLINE LINKAGE http://www.greateratlantic.fisheries.noaa.gov/gis
ONLINE LINKAGE http://www.greateratlantic.fisheries.noaa.gov/

DESCRIPTION
ABSTRACT
This dataset depicts the boundaries of the Great South Channel Restricted Gillnet Area and GSC Sliver Restricted Area in ESRI shapefile format for the NOAA Fisheries Service’s Greater Atlantic Regional Fisheries Office (GARFO). This shapefile includes boundaries for the following Regulated Areas:
- Great South Channel Restricted Gillnet Area
- Great South Channel Sliver Restricted Area

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

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

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

TIME PERIOD OF CONTENT
TIME PERIOD INFORMATION
SINGLE DATE/TIME
CALENDAR DATE 2015-06-05
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
ACCESS CONSTRAINTS
None.

USE CONSTRAINTS
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NOAA Fisheries Service. NMFS Regulated Areas in Northeast and Mid-Atlantic Waters. {SHAPEFILE TITLE} [Shapefile]. Gloucester, MA: National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS), Greater Atlantic Regional Fisheries Office (GARFO) [producer] {SHAPEFILE PUBLICATION DATE}.
http://www.greateratlantic.fisheries.noaa.gov/gis.

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

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

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

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

POINT OF CONTACT
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
RANGE OF DATES/TIMES
BEGINNING DATE 1998
ENDING DATE present
SOURCE CURRENTNESS REFERENCE
publication date
SOURCE CITATION ABBREVIATION e-CFR
SOURCE CONTRIBUTION Spatial definitions for Regulated Area boundaries.

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 2015

PROCESS STEP
PROCESS DESCRIPTION
[Features, No Template] To generate the Regulated Area boundary in ArcGIS, the coordinates were connected in the order specified in the spatial definition. 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. When the spatial definition specified that points were connected by following a straight line, rhumb lines were constructed by projecting the shapefile into a NAD83 Mercator projection, which maintains straight rhumbs. The boundaries were densified with consecutive vertices interpolated 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 2015

PROCESS STEP
PROCESS DESCRIPTION
[Add Attributes] The standardized attribute schema was applied to the shapefile, and the fields were defined.
PROCESS DATE 2015

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 2015

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 2015
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** 2015

**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** 2015

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

**PROCESS DATE** 2015-06-05

**Spatial Reference**

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

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

**Entities and Attributes**

**DETAILED DESCRIPTION**
**ENTITY TYPE** Regulated Area
**ENTITY TYPE LABEL** 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

**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  COMMMNAME
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
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**
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.

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
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

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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

METADATA DATE 2015-06-05

METADATA FUTURE REVIEW DATE 2019-06-05

METADATA CONTACT

CONTACT INFORMATION

CONTACT PERSON PRIMARY
Dean-Lorenz Szumylo

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**METADATA STANDARD NAME**  FGDC Content Standard for Digital Geospatial Metadata
**METADATA STANDARD VERSION**  FGDC-STD-001-1998

*Hide Metadata Reference ▲*