

Great South Channel Restricted Trap/Pot Area

Type: Shapefile

Tags boundaries, environment, location, oceans, planningCadastre, Biology, Compliance, Conservation, Ecology, Ecosystem, Environment, Human, Management, Marine, Monitoring, Natural Resources, Permits, Regulatory, Water, Atlantic Ocean, Georges Bank, Greater Atlantic Region, Gulf of Maine, New England, Southern New England, United States, US EEZ, US Exclusive Economic Zone, ALWTRP, Atlantic, Atlantic Large Whale Take Reduction Plan, EEZ, Exclusive Economic Zone, GARFO, Greater Atlantic Regional Fisheries Office, Marine Mammal Protection Act, MMPA, 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 Great South Channel Restricted Trap/Pot 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 Trap/Pot 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.

Credits

GARFO

Use limitations

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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

West -69.750000 East -68.216667

North 42.166667 South 41.000000

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:150,000,000

Topics and Keywords ►

Themes or categories of the resource Boundaries, Environment, Location, Oceans, Planning & Cadastral

Content type Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

Theme keywords boundaries, environment, location, oceans, planningCadastre

Thesaurus ►

Title ISO 19115 Topic Category

Theme keywords Biology, Compliance, Conservation, Ecology, Ecosystem, Environment, Human, Management, Marine, Monitoring, Natural Resources, Permits, Regulatory, Water

Thesaurus ►

Title EPA GIS Keyword Thesaurus

Theme keywords ALWTRP, Atlantic, Atlantic Large Whale Take Reduction Plan, EEZ, Exclusive Economic Zone, GARFO, Greater Atlantic Regional Fisheries Office, Marine Mammal Protection Act, MMPA, National Marine Fisheries Service, National Oceanic and Atmospheric Administration, NMFS, NOAA, US EEZ

Thesaurus ►

Title GARFO Keywords

Place keywords Atlantic Ocean, Georges Bank, Greater Atlantic Region, Gulf of Maine, New England, Southern New England, United States, US EEZ, US Exclusive Economic Zone

Citation ►

Title Great South Channel Restricted Trap/Pot Area

Publication date 2015-06-05

Presentation formats ⇔ digital map

Citation Contacts ►

Responsible party - originator

Organization's name NOAA Fisheries Greater Atlantic Regional Fisheries Office

Responsible party - publisher

Organization's name NOAA National Marine Fisheries Service (NMFS) - Greater Atlantic Regional Fisheries Office (GARFO)

Contact information ►

Address

Delivery point Gloucester, MA

Responsible party - originator

Organization's name NOAA Fisheries Greater Atlantic Regional Fisheries Office

Responsible party - publisher

Individual's name Talya ten Brink

Organization's name NOAA Fisheries Greater Atlantic Region

Contact's position GIS Specialist

Resource Details ►

Dataset languages ⇔ English (UNITED STATES)

Dataset character set utf8 - 8 bit UCS Transfer Format

Status completed

Spatial representation type vector

Processing environment ⇔ Microsoft Windows 10 Version 10.0 (Build 19044) ; Esri ArcGIS
13.0.0.36056

Credits

GARFO

ArcGIS item properties

Name ⇔ Great_South_Channel_Restricted_Trap-Pot_Area

Size ⇔ 0.001

Location file://\NERLPRDBRH46L3\C\$\Users\crystal.franco\Documents\Shapefiles\Published Shapefiles\Great_South_Channel_Restricted_Trap-Pot_Area

Access protocol Local Area Network

Extents ►

Extent

Geographic extent

Bounding rectangle

West longitude -80

East longitude -64

North latitude 46

South latitude 32

Extent contains the resource Yes

Extent

Description

Publication date

Temporal extent

Date and time 2015-06-05

Extent

Geographic extent

Bounding rectangle

Extent type

Extent used for searching

West longitude ⇔ -69.750000

East longitude ⇔ -68.216667

North latitude ⇔ 42.166667

South latitude ⇔ 41.000000

Extent contains the resource ⇔ Yes

Extent in the item's coordinate system

westBL ⇔ -69.750000

eastBL ⇔ -68.216667

southBL ⇔ 41.000000

northBL ⇔ 42.166667

exTypeCode ⇔ Yes

Resource Points of Contact ►

Point of contact - publisher

Organization's name NOAA National Marine Fisheries Service (NMFS) - Greater Atlantic Regional Fisheries Office (GARFO)

Contact information ►

Address

Type

Delivery point Gloucester, MA

Resource Maintenance ►

Resource maintenance

Update frequency as needed

Resource Constraints ►

Constraints

Limitations of use

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Legal constraints

Limitations of use

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Access constraints other restrictions

Other constraints

None.

Security constraints

Classification no confidentiality

Classification system FIPS Pub 199

Additional restrictions

Standard Technical Controls

Spatial Reference ►

ArcGIS coordinate system

Type ⇔ Geographic

Geographic coordinate reference ⇔ GCS_North_American_1983

Coordinate reference details ⇔

GeographicCoordinateSystem

WKID 4269

XOrigin -400

YOrigin -400

XYScale 11258999068426.238

ZOrigin -100000

ZScale 10000

MOrigin -100000

MScale 10000

XYTolerance 8.983152841195215e-09

ZTolerance 0.001

MTolerance 0.001

HighPrecision true

LeftLongitude -180

LatestWKID 4269

WKT

```
GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433],AUTHORITY["EPSG",4269]]
```

Reference system identifier

Value ⇔ 4269

Codespace ⇔ EPSG

Version ⇔ 6.5(3.0.1)

Spatial Data Properties ►

Vector ►

Level of topology for this dataset ⇔ geometry only

Geometric objects

Feature class name Great_South_Channel_Restricted_Trap-Pot_Area

Object type ⇔ composite

Object count ⇔ 1

ArcGIS Feature Class Properties ►

Feature class name Great_South_Channel_Restricted_Trap-Pot_Area

Feature type ⇔ Simple

Geometry type ⇔ Polygon

Has topology ⇔ FALSE

Feature count ⇔ 1

Spatial index ⇔ TRUE

Linear referencing ⇔ FALSE

Data Quality ►

Scope of quality information ►

Resource level dataset

Data quality report - Conceptual consistency ►

Data quality measure reference

Measure description

Check Geometry test has been performed in ArcGIS.

Data quality report - Completeness omission ▶

Data quality measure reference

Measure description

Features represented are valid. No geometry problems were detected.

Data quality report - Absolute external positional accuracy ▶

dimension horizontal

Data quality measure reference

Measure description

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 ▶

Process step ▶

When the process occurred 2015

Description

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

Process step ▶

When the process occurred 2015

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 step ►

When the process occurred 2015

Description

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

Process step ►

When the process occurred 2015

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 step ►

When the process occurred 2015

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 step ►

When the process occurred 2015

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 step ►

When the process occurred 2015

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 step ►

When the process occurred 2015-06-05

Description

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

Source data ►

Description

Spatial definitions for Regulated Area boundaries.

Source medium name online link

Source citation ►

Title Electronic Code of Federal Regulations

Alternate titles e-CFR

Publication date 2015-05-08

Edition Special Edition of the Federal Register

Presentation formats hardcopy document

FGDC geospatial presentation format document

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.

Responsible party - originator

Organization's name Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS)

Responsible party - publisher

Organization's name Office of the Federal Register, National Archives and Records Administration and the Government Printing Office

Contact information ►

Address

Delivery point Washington, DC

Resource location online

Online location (URL) <http://www.ecfr.gov>

Extent of the source data

Description

publication date

Temporal extent

Beginning date 1998

Ending date

Indeterminate date now

Distribution ►

Distribution format

Name ⇔ Shapefile

Transfer options

Transfer size ⇔ 0.001

Online source

Online location (URL) <http://www.greateratlantic.fisheries.noaa.gov/gis>

Online location (URL) <http://www.greateratlantic.fisheries.noaa.gov/>

Fields ►

Details for object Great_South_Channel_Restricted_Trap-Pot_Area ►

Type ⇔ Feature Class

Row count ⇔ 1

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

Field Shape ►

Field description

Feature geometry

Description source

ESRI

Description of values

Coordinate geometry

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

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

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

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

Field DESCRIBE ►

Field description

A brief description of the purpose of the Regulated Area

Description source

GARFO

Description of values

Free text description

Field CFRTITLE ►

Field description

CFR Title citation where the Regulated Area is legally defined

Description source

GARFO

Description of values

Free text name

Field CFRPT ▶

Field description

CFR Part citation where the Regulated Area is legally defined

Description source

GARFO

Description of values

Free text citation

Field CFRPTTXT ▶

Field description

CFR Part citation header text

Description source

GARFO

Description of values

Free text name

Field CFRSUB ▶

Field description

CFR Subpart citation where the Regulated Area is legally defined

Description source

GARFO

Description of values

Free text citation

Field CFRSUBTXT ►

Field description

CFR Subpart citation header text

Description source

GARFO

Description of values

Free text name

Field CFRSXN ►

Field description

CFR Section citation where the Regulated Area is legally defined

Description source

GARFO

Description of values

Free text citation

Field CFRSXNTXT ►

Field description

CFR Section citation header text

Description source

GARFO

Description of values

Free text name

Field CFRPARA ►

Field description

CFR Paragraph citation where the Regulated Area is legally defined

Description source

GARFO

Description of values

Free text citation

Field CFRPARATXT ►

Field description

CFR Paragraph citation header text

Description source

GARFO

Description of values

Free text name

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

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

Field EFFECTDATE ►

Field description

Date Regulated Area officially became law, or most recent modification

Description source

GARFO

Description of values

Date

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

Field RECURST ►

Field description

Annually recurring date Regulated Area becomes active

Description source

GARFO

Description of values

Date

Field RECUREND ►

Field description

Annually recurring date Regulated Area becomes inactive

Description source

GARFO

Description of values

Date

Field GISAUTHOR ►

Field description

Name of the NOAA staff person who created the GIS feature

Description source

GARFO

Description of values

Name

Field CREATED ►

Field description

Creation date of the GIS feature

Description source

GARFO

Description of values

Date

Field AREANOTES ►

Field description

Miscellaneous notes regarding the Regulated Area or feature

Description source

GARFO

Description of values

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 Details ►

Metadata language ⇔ English (UNITED STATES)

Metadata character set utf8 - 8 bit UCS Transfer Format

Scope of the data described by the metadata dataset

Scope name ⇔ dataset

Last update ⇔ 2022-08-01

ArcGIS metadata properties

Metadata format ArcGIS 1.0

Standard or profile used to edit metadata FGDC

Created in ArcGIS for the item 2022-07-19 15:32:07

Last modified in ArcGIS for the item 2022-08-01 11:37:48

Automatic updates

Have been performed Yes

Last update 2022-08-01 11:00:09

Item location history

Item copied or moved 2022-07-19 15:32:07

From C:\Users\crystal.franco\Documents\Shapefiles\Decision Support Tool\TempShapefiles\Great_South_Channel_Restricted_Trap-Pot_Area

To \\NERLPRDBRH46L3\C\$\Users\crystal.franco\Documents\Shapefiles\Published Shapefiles\Great_South_Channel_Restricted_Trap-Pot_Area

Metadata Contacts ►

Metadata contact - point of contact

Individual's name Marisa Trego

Organization's name NOAA Fisheries Greater Atlantic Region

Contact's position Biologist

Contact information ►

Phone

Voice (978) 281-9300

Address

Type postal

City Gloucester

Administrative area MA

Postal code 01930

Country US

e-mail address marisa.trego@noaa.gov

Metadata Maintenance ►

Maintenance

Date of next update 2019-06-05 00:00:00

Update frequency unknown