Tilefish Gear Restricted Areas

Identification

CITATION
CITATION INFORMATION
ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office
PUBLICATION DATE 2014-09-25
TITLE Tilefish Gear Restricted Areas
PUBLICATION INFORMATION
PUBLICATION PLACE Gloucester, MA
PUBLISHER NOAA National Marine Fisheries Service (NMFS) - Greater Atlantic Regional Fisheries Office (GARFO)
ONLINE LINKAGE http://www.nero.noaa.gov/gis
ONLINE LINKAGE http://www.nero.noaa.gov/

DESCRIPTION
ABSTRACT
This dataset depicts the boundaries of the Tilefish Gear Restricted 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:
- Oceanographer Canyon Gear Restricted Area
- Lydonia Canyon Gear Restricted Area
- Veatch Canyon Gear Restricted Area
- Norfolk Canyon Gear 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 2014-09-25
CURRENTNESS REFERENCE
Publication date
STATUS 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**

**THEME KEYWORD THESAURUS** EPA GIS Keyword Thesaurus

**THEME KEYWORD** Biology

**THEME KEYWORD** Compliance

**THEME KEYWORD** Conservation

**THEME KEYWORD** Ecology

**THEME KEYWORD** Ecosystem

**THEME KEYWORD** Environment

**THEME KEYWORD** Human

**THEME KEYWORD** Management

**THEME KEYWORD** Marine

**THEME KEYWORD** Monitoring

**THEME KEYWORD** Natural Resources

**THEME KEYWORD** Permits

**THEME KEYWORD** Regulatory

**THEME KEYWORD** Water

**THEME**

**THEME KEYWORD THESAURUS** GARFO Keywords

**THEME KEYWORD** Atlantic

**THEME KEYWORD** EEZ

**THEME KEYWORD** Exclusive Economic Zone

**THEME KEYWORD** GARFO

**THEME KEYWORD** Greater Atlantic Regional Fisheries Office

**THEME KEYWORD** MAFMC

**THEME KEYWORD** Magnuson-Stevens Act

**THEME KEYWORD** Mid-Atlantic Fishery Management Council

**THEME KEYWORD** MSA

**THEME KEYWORD** National Marine Fisheries Service

**THEME KEYWORD** National Oceanic and Atmospheric Administration

**THEME KEYWORD** NMFS

**THEME KEYWORD** NOAA

**THEME KEYWORD** Tilefish

**THEME KEYWORD** US EEZ

**PLACE**

**PLACE KEYWORD THESAURUS** None

**PLACE KEYWORD** Atlantic Ocean

**PLACE KEYWORD** Greater Atlantic Region

**PLACE KEYWORD** Mid-Atlantic

**PLACE KEYWORD** New England

**PLACE KEYWORD** Southern New England

**PLACE KEYWORD** United States

**PLACE KEYWORD** US EEZ

**PLACE KEYWORD** US Exclusive Economic Zone
ACCESS CONSTRAINTS
None.

USE CONSTRAINTS
*** Attribution *** Whenever NMFS material is reproduced and re-disseminated, we request that users attribute the material appropriately. Pursuant to 17 U.S.C. 403, parties who produce 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}:


*** 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 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
CONTACT INFORMATION
CONTACT PERSON PRIMARY
CONTACT PERSON  Doug Potts
CONTACT ORGANIZATION  NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, Sustainable Fisheries Division
CONTACT POSITION  GIS Committee Sustainable Fisheries Representative
CONTACT ADDRESS
ADDRESS TYPE  mailing and physical address
ADDRESS  55 Great Republic Drive
CITY  Gloucester
STATE OR PROVINCE  MA
POSTAL CODE  01930
CONTACT VOICE TELEPHONE  978-282-9341
CONTACT FACSIMILE TELEPHONE  978-281-9135
CONTACT ELECTRONIC MAIL ADDRESS  doug.potts@noaa.gov
CONTACT INSTRUCTIONS
http://www.nero.noaa.gov/

SECURITY INFORMATION
SECURITY CLASSIFICATION SYSTEM  FIPS Pub 199
SECURITY CLASSIFICATION  No Confidentiality
SECURITY HANDLING DESCRIPTION  Standard Technical Controls

Data Quality ►

LOGICAL CONSISTENCY REPORT
Check Geometry test has been performed in ArcGIS.

COMPLETENESS REPORT
Features represented are valid. No geometry problems were detected.

POSITIONAL ACCURACY
HORIZONTAL POSITIONAL ACCURACY
HORIZONTAL POSITIONAL ACCURACY REPORT
Data were collected using methods that are accurate to within 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 Marine Fisheries Service (NMFS)
PUBLICATION DATE  2013-11-25
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

SOURCE CONTRIBUTION Spatial definitions for Regulated Area boundaries.

PROCESS STEP

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

PROCESS DATE 2013

[Features, No Template] The coordinates of the Regulated Area 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, 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 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 2013

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

PROCESS DATE 2013

[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 2014

[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 2014
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**
**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** 2014

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

**Process Date** 2014-09-25

### 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**

**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 | LABEL | CITE ATTRIBUTE
---|---|---
CFR Paragraph citation header text | CFRPARATXT | GARFO
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. | FRCITE | GARFO
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. | FRDATE | GARFO
Date Regulated Area officially became law, or most recent modification | EFFECTDATE | GARFO
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. | SOURCE | GARFO
**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.

**Distribution Information ➤**

**DISTRIBUTOR**

**CONTACT INFORMATION**
CONTACT PERSON PRIMARY
CONTACT PERSON  Dean-Lorenz Szumylo
CONTACT ORGANIZATION  NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee
CONTACT POSITION  GIS Specialist
CONTACT ADDRESS
ADDRESS TYPE  mailing and physical address
ADDRESS  55 Great Republic Drive
CITY  Gloucester
STATE OR PROVINCE  MA
POSTAL CODE  01930

CONTACT VOICE TELEPHONE  978-282-8479
CONTACT FACSIMILE TELEPHONE  978-281-9333
CONTACT ELECTRONIC MAIL ADDRESS  dean.szumylo@noaa.gov
CONTACT INSTRUCTIONS
http://www.nero.noaa.gov/

RESOURCE DESCRIPTION  Downloadable Data

DISTRIBUTION LIABILITY
The user assumes the entire risk related to 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

Metadata Reference ►

METADATA DATE  2014-09-25
METADATA FUTURE REVIEW DATE  2018-05-01
METADATA CONTACT
CONTACT INFORMATION
CONTACT PERSON PRIMARY
CONTACT PERSON  Dean-Lorenz Szumylo
CONTACT ORGANIZATION  NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee
CONTACT POSITION  GIS Specialist
CONTACT ADDRESS
ADDRESS TYPE  mailing and physical address
ADDRESS  55 Great Republic Drive
CITY  Gloucester
STATE OR PROVINCE  MA
POSTAL CODE  01930

CONTACT VOICE TELEPHONE  978-282-8479
CONTACT FACSIMILE TELEPHONE  978-281-9333
CONTACT ELECTRONIC MAIL ADDRESS  dean.szumylo@noaa.gov
CONTACT INSTRUCTIONS
http://www.nero.noaa.gov/

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