Atlantic Wolffish Accountability Measure Areas

Identification

CITATION
CITATION INFORMATION
ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office
PUBLICATION DATE 2018-07-20
TITLE Atlantic Wolffish Accountability Measure 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 Atlantic Wolffish Accountability Measure 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:
- Atlantic Wolffish Trawl Gear AM Area;
- Atlantic Wolffish Fixed Gear AM Area 1;
- Atlantic Wolffish Fixed Gear AM Area 2

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
CALENDAR DATE 2018-07-20
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 Groundfish
THEME KEYWORD Magnuson-Stevens Act
THEME KEYWORD MSA
THEME KEYWORD National Marine Fisheries Service
THEME KEYWORD National Oceanic and Atmospheric Administration
THEME KEYWORD NEFMC
THEME KEYWORD New England Fishery Management Council
THEME KEYWORD NMFS
THEME KEYWORD NOAA
THEME KEYWORD Northeast Multispecies
THEME KEYWORD US EEZ

PLACE

PLACE KEYWORD THESAURUS None
PLACE KEYWORD United States
PLACE KEYWORD Atlantic Ocean
PLACE KEYWORD Georges Bank
PLACE KEYWORD Greater Atlantic Region
PLACE KEYWORD Gulf of Maine
PLACE KEYWORD New England
PLACE KEYWORD Southern New England
PLACE KEYWORD US EEZ
PLACE KEYWORD  US Exclusive Economic Zone

ACCESS CONSTRAINTS
None.

USE CONSTRAINTS
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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**

**CONTACT INFORMATION**

**CONTACT PERSON PRIMARY**
Doug Potts

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

**CONTACT POSITION**
GIS Committee Sustainable Fisheries Representative

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**STATE OR PROVINCE**
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**SECURITY INFORMATION**

**SECURITY CLASSIFICATION SYSTEM**
FIPS Pub 199

**SECURITY CLASSIFICATION**
public

**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 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**
2018-05-01

**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  2018-05-01
SOURCE CURRENTNESS REFERENCE
publication date
SOURCE CITATION ABBREVIATION  e-CFR
SOURCE CONTRIBUTION  Spatial definitions for Regulated Area 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  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
[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

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 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 2018-07-20

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**

**ATTRIBUTE LABEL** DESCRIBE
**ATTRIBUTE DEFINITION**
A brief description of the purpose of the Regulated Area

**ATTRIBUTE**

**ATTRIBUTE LABEL** CFRTITLE
**ATTRIBUTE DEFINITION**
CFR Title citation where the Regulated Area is legally defined

**ATTRIBUTE**

**ATTRIBUTE LABEL** CFRPT
**ATTRIBUTE DEFINITION**
CFR Part citation where the Regulated Area is legally defined

**ATTRIBUTE**

**ATTRIBUTE LABEL** CFRPTTXT
**ATTRIBUTE DEFINITION**
CFR Part citation header text

**ATTRIBUTE**

**ATTRIBUTE LABEL** CFRSUB
**ATTRIBUTE DEFINITION**
CFR Subpart citation where the Regulated Area is legally defined

**ATTRIBUTE**

**ATTRIBUTE LABEL** CFRSUBTXT
**ATTRIBUTE DEFINITION**
CFR Subpart citation header text
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
<table>
<thead>
<tr>
<th>ATTRIBUTE</th>
<th>ATTRIBUTE LABEL</th>
<th>ATTRIBUTE DEFINITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>EFFECTDATE</td>
<td>Date Regulated Area officially became law, or most recent modification</td>
</tr>
<tr>
<td>Date</td>
<td>SOURCE</td>
<td>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.</td>
</tr>
<tr>
<td>Date</td>
<td>RECURST</td>
<td>Annually recurring date Regulated Area becomes active</td>
</tr>
<tr>
<td>Date</td>
<td>RECUREND</td>
<td>Annually recurring date Regulated Area becomes inactive</td>
</tr>
<tr>
<td>Name</td>
<td>GISAUTHOR</td>
<td>Name of the NOAA staff person who created the GIS feature</td>
</tr>
<tr>
<td></td>
<td>CREATED</td>
<td>Creation date of the GIS feature</td>
</tr>
</tbody>
</table>
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

CONTACT PERSON Dean-Lorenz Szumylo

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

CONTACT POSITION GIS Specialist

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STATE OR PROVINCE MA

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CONTACT INSTRUCTIONS

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

RESOURCE DESCRIPTION Downloadable Data

DISTRIBUTION LIABILITY

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Metadata Reference
METADATA DATE 2018-07-20
METADATA FUTURE REVIEW DATE 2022-07-20
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
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CITY Gloucester
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METADATA STANDARD NAME FGDC Content Standard for Digital Geospatial Metadata
METADATA STANDARD VERSION FGDC-STD-001-1998