Waters Exempt from Minimum Traps per Trawl Requirement

Identification

CITATION
ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office
PUBLICATION DATE 2015-06-05
TITLE Waters Exempt from Minimum Traps per Trawl Requirement
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 Waters Exempt from Minimum Traps per Trawl Requirement 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:
- NH Waters Exempt from Minimum Traps per Trawl Requirement
- MA Waters Exempt from Minimum Traps per Trawl Requirement
- RI Waters Exempt from Minimum Traps per Trawl Requirement
- ME Island Buffers

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

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 3 Nautical Mile
Theme Keyword American Lobster
Theme Keyword Atlantic
Theme Keyword Atlantic Large Whale Take Reduction Plan
Theme Keyword EEZ
Theme Keyword Exclusive Economic Zone
Theme Keyword GARFO
Theme Keyword Greater Atlantic Regional Fisheries Office
Theme Keyword Marine Mammal Protection Act
Theme Keyword MMPA
Theme Keyword National Marine Fisheries Service
Theme Keyword National Oceanic and Atmospheric Administration
Theme Keyword NMFS
Theme Keyword NOAA
Theme Keyword SLA
Theme Keyword Submerged Lands Act
Theme Keyword US EEZ

PLACE

Place Keyword Thesaurus None
Place Keyword Atlantic Ocean
Place Keyword Cape Cod Bay
Place Keyword Greater Atlantic Region
Place Keyword Gulf of Maine
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
CONTACT INFORMATION
CONTACT PERSON PRIMARY
CONTACT PERSON Michael Asaro
CONTACT ORGANIZATION NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, Protected Resources Division
CONTACT POSITION GIS Committee Protected Resources Representative
CONTACT ADDRESS
ADDRESS TYPE mailing and physical address
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CITY Gloucester
STATE OR PROVINCE MA
POSTAL CODE 01930

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CONTACT INSTRUCTIONS http://www.greateratlantic.fisheries.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 2015-05-28

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 2015-05-28
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 Bureau of Ocean Energy Management, Regulation and Enforcement, Mapping and Boundary Branch
PUBLICATION DATE 2010-10-05
TITLE Atlantic NAD83 Submerged Lands Act Boundary
GEOSPATIAL DATA PRESENTATION FORM vector digital data
SERIES INFORMATION
SERIES NAME Digital Offshore Cadastre
ISSUE IDENTIFICATION current
PUBLICATION INFORMATION
PUBLICATION PLACE Herndon, Virginia
PUBLISHER Bureau of Ocean Energy Management, Regulation and Enforcement, Mapping and Boundary Branch
ONLINE LINKAGE http://www.boemre.gov/offshore/mapping/atlantic.htm
LARGER WORK CITATION
CITATION INFORMATION
ORIGINATOR Bureau of Ocean Energy Management, Regulation and Enforcement, Mapping and Boundary Branch
PUBLICATION DATE 2010-10-05
TITLE BOEMRE Offshore Cadastral Data
GEOSPATIAL DATA PRESENTATION FORM map
PUBLICATION INFORMATION
PUBLICATION PLACE Herndon, Virginia
PUBLISHER Bureau of Ocean Energy Management, Regulation and Enforcement, Mapping and Boundary Branch

TYPE OF SOURCE MEDIA digital download (ESRI shapefile)
SOURCE TIME PERIOD OF CONTENT
TIME PERIOD INFORMATION
RANGE OF DATES/TIMES
BEGINNING DATE 2005
ENDING DATE 2008
SOURCE CURRENTNESS REFERENCE
publication date
SOURCE CITATION ABBREVIATION
This source marine boundary was used to generate template shapefiles, which were copied and used when Regulatory Area boundaries followed portions of the Submerged Lands Act boundary (a.k.a. 3 nautical mile line; a.k.a. Fed-State boundary).

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.

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.

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.
This source was used to trace state lateral boundaries -- the boundary between adjacent states' waters from the coastline to the Submerged Lands Act line. Not all State Lateral Boundaries are clearly legally defined. This source was used because it comes from a reputable federal agency (USGS) and consistently draws lateral boundaries seaward to the Submerged Lands Act line. NOAA Nautical Charts do not typically display state lateral boundaries, however where lateral boundaries are displayed on NOAA Charts this source closely matches them.

This source was used to determine a small portion of the waters within 3nmi of the MA coastline.

[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** 2015

**PROCESS STEP**

**PROCESS DESCRIPTION**

[Features From Templates] To generate the Regulated Area boundary in ArcGIS, a copy of the Coast-to-SLA template polygon was split by connecting coordinates in the order specified in the spatial definition. When the spatial definition specified that points were connected following the Coastline or SLA the coinciding outward extent of the template polygon was used. After all points were appropriately connected, any portions of the template outside the 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. When the spatial definition specified that points were connected 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. (Boundaries following the U.S.-Canada Maritime Boundary were unaffected because the source shapefile depicting this legally-defined geodesic line was densified with vertices placed <1mi apart.) The file was then projected back to the un-projected NAD83 coordinate system.

**PROCESS DATE** 2015

**PROCESS STEP**

**PROCESS DESCRIPTION**

[Geodesic Buffer] This Regulated Area definition includes waters within a specified distance of a coastline. The relevant sections of coastline were copied from the NOAA Medium Resolution Vector Shoreline to a new file and stored in NAD83. Buffers offshore of those coasts were generated using the Geodesic buffer method, using the ArcGIS 10 "Buffer" tool.

**PROCESS DATE** 2015

**PROCESS STEP**

**PROCESS DESCRIPTION**

[MA Waters] A portion of this regulated area definition includes waters within 3nmi of the MA coastline. Because baseline tangents (bay closings) across Massachusetts and Cape Cod Bays attribute waters further than 3nmi from the coast to Massachusetts, the Submerged Lands Act
(SLA) boundary (i.e. "The 3 Nautical Mile Line") could not be used exclusively. Likewise, a 3 nautical mile buffer of the NOAA Medium Resolution Vector Shoreline (MRVS) could not be used exclusively because the MRVS doesn't include all the features used to identify the coastal baseline, and it was reasoned that the SLA boundary should be used where possible, especially because it is displayed on nautical charts. Therefore, the relevant MA waters were drawn using sources in the following order of preference: a) SLA used for "3nmi" waters drawn from coastal baseline points (i.e. excludes portions of SLA drawn from baseline tangents); b) 3nmi buffer of baseline points (very close match to SLA) used from the start of any baseline tangent until the baseline point buffer curve would intersect the 3nmi buffer of the MRVS; c) 3nmi buffer of MRVS used for state waters nearshore of baseline tangents with the exception of the waters described by (b).

PROCESS DATE  2015

PROCESS STEP
PROCESS DESCRIPTION
[State Lateral Boundaries] Lateral boundaries of Rhode Island, Massachusetts, New Hampshire and Maine were traced from The National Map Government Unit Boundaries dataset.

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

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  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**
  - **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**: System-generated internal feature number

**Attribute**
- **Attribute Label**: Shape
  - **Attribute Definition**: Feature geometry
  - **Attribute Definition Source**: ESRI
  - **Attribute Domain Values**: 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**: 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**
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
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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POSTAL CODE 01930

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

**Metadata Standard Name**  FGDC Content Standard for Digital Geospatial Metadata  
**Metadata Standard Version**  FGDC-STD-001-1998