Nantucket Lightship Closed Area Exemption Areas

Identification

CITATION
CITATION INFORMATION
ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office
PUBLICATION DATE 2016-05-01
TITLE Nantucket Lightship Closed Area Exemption 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 Nantucket Lightship Closed Area Exemption 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:
- Nantucket Lightship Closed Area - Western Exemption Area
- Nantucket Lightship Closed Area - Eastern Exemption 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 2016-05-01
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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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
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CITY Gloucester
STATE OR PROVINCE MA
POSTAL CODE 01930

CONTACT VOICE TELEPHONE 978-281-9341
CONTACT FACSIMILE TELEPHONE 978-281-9135
CONTACT ELECTRONIC MAIL ADDRESS douglas.potts@noaa.gov
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 2015-05-01
TITLE Federal Register
EDITION Volume 80, Number 84, Page 25143
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 Federal Register is the official daily publication for rules, proposed rules, and notices of Federal agencies and organizations, as well as executive orders and other presidential documents.
ONLINE LINKAGE https://www.federalregister.gov/
Temporal definitions for Regulated Area boundaries.

PROCESS STEP

[Get Definition Text] The current legal spatial definition for the Regulated Area was copied from the Federal Register Final Rule.

PROCESS DATE 2016

PROCESS STEP

[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 2016

PROCESS STEP

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

PROCESS DATE 2016

PROCESS STEP

[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 2016

PROCESS STEP

[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 2016
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** 2016

**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** 2016

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

**PROCESS DATE** 2016-05-01

**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
<table>
<thead>
<tr>
<th>Attribute</th>
<th>Attribute Label</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFRPT</td>
<td>CFR Part citation where the Regulated Area is legally defined</td>
<td></td>
</tr>
<tr>
<td>CFRPTTXT</td>
<td>CFR Part citation header text</td>
<td></td>
</tr>
<tr>
<td>CFRSUB</td>
<td>CFR Subpart citation where the Regulated Area is legally defined</td>
<td></td>
</tr>
<tr>
<td>CFRSUBTXT</td>
<td>CFR Subpart citation header text</td>
<td></td>
</tr>
<tr>
<td>CFRSXN</td>
<td>CFR Section citation where the Regulated Area is legally defined</td>
<td></td>
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<tr>
<td>CFRSXNTXT</td>
<td>CFR Section citation header text</td>
<td></td>
</tr>
<tr>
<td>CFRPARA</td>
<td>CFR Paragraph citation where the Regulated Area is legally defined</td>
<td></td>
</tr>
</tbody>
</table>
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

**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**
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Dean-Lorenz Szumylo

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Resource Description
Downloadable Data

Distribution Liability
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Metadata Reference

Metadata Date
2016-05-01

Metadata Future Review Date
2020-05-01

Metadata Contact
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Contact Person Primary
Dean-Lorenz Szumylo

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NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee

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GIS Specialist

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Contact Electronic Mail Address
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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