Mid-Atlantic (MA) Exemption Area

Identification ►

CITATION
CITATION INFORMATION
ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office
PUBLICATION DATE 2015-03-15
TITLE Mid-Atlantic (MA) Exemption Area
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 Mid-Atlantic (MA) Exemption 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:
- MA 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
CALENDAR DATE 2015-03-15
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 3 Nautical Mile
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 SLA
THEME KEYWORD Submerged Lands Act
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 Southeast
PLACE KEYWORD Southern New England
PLACE KEYWORD United States
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}:

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.

*** 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**

Doug Potts

**CONTACT ORGANIZATION**

NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, Sustainable Fisheries Division

**CONTACT POSITION**

GIS Committee Sustainable Fisheries Representative

**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 FAX TELEPHONE**

978-281-9135

**CONTACT ELECTRONIC MAIL ADDRESS**

doug.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 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**

ORIGINATOR: Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS)

**PUBLICATION DATE**

2014-11-18

**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
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 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).

[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

http://www.boemre.gov/offshore/mapping/atlantic.htm
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 2014

PROCESS STEP
PROCESS DESCRIPTION
[Features From Templates] To generate the Regulated Area boundary in ArcGIS, a copy of the Coast-to-EEZ 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 EEZ 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
[de facto Southern Boundary] This regulated area definition does not include a southern boundary. To create a polygon depicting the regulated area, we needed to define a southern cut-off. For this boundary, we used the outer limit of the US Exclusive Economic Zone and 81°W longitude off the southern coast of Florida to separate the Gulf of Mexico from the Atlantic. This is consistent with other regulations.

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 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 2015-03-15

Spatial Reference ►

HORIZONTAL COORDINATE SYSTEM DEFINITION
GEOGRAPHIC
LATITUDE RESOLUTION 0.000001
LONGITUDE RESOLUTION 0.000001
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
ATTRIBUTE  DOMAIN VALUES
Unrepresentable Domain

Date

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  LABEL  RECURST

ATTRIBUTE DEFINITION
Annually recurring date Regulated Area becomes active

ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES
Unrepresentable Domain

Date

ATTRIBUTE  LABEL  RECUREND

ATTRIBUTE DEFINITION
Annually recurring date Regulated Area becomes inactive

ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES
Unrepresentable Domain

Date

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  LABEL  CREATED

ATTRIBUTE DEFINITION
Creation date of the GIS feature

ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES
Unrepresentable Domain

Date

ATTRIBUTE  LABEL  AREANOTES

ATTRIBUTE DEFINITION
Miscellaneous notes regarding the Regulated Area or feature

ATTRIBUTE DEFINITION SOURCE  GARFO
ATTRIBUTE DOMAIN VALUES
Unrepresentable Domain
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 CATION
FILES_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.greateratlantic.fisheries.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  2015-03-15
METADATA FUTURE REVIEW DATE  2019-03-15
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.greateratlantic.fisheries.noaa.gov/

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