Scallop Rotational Areas 20230419

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2023-04-14
Maintenance:

Update frequency: unknown

Metadata contact - pointOfContact:

Individual's name: Talya ten Brink
Organization's name: NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee
Contact's position: GIS Specialist

Contact information:

Phone:

Voice: (978) 675-2190
Fax: (978) 675-2190

Address:

Delivery point:

55 Great Republic Drive

City: Gloucester
Administrative area: MA
Postal code: 01930
e-mail address:talya.tenbrink@noaa.gov

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

Scope of the data described by the metadata: dataset
Scope name: dataset

Name of the metadata standard used: ISO 19139 Geographic Information - Metadata - Implementation Specification
Version of the metadata standard: 2007

Metadata identifier: 1681499313133r8350384407075879

Resource Identification Information:

Citation:

Title: Scallop Rotational Areas 20230419

Reference date - creation: 2023-04-14

Reference date - publication: 2023-04-14

Presentation format: mapDigital

Party responsible for the resource - originator:

Individual's name: Talya ten Brink
Organization's name: NOAA Fisheries Greater Atlantic Regional Fisheries Office
Contact's position: GIS Specialist

Party responsible for the resource - publisher:

Organization's name: NOAA National Marine Fisheries Service (NMFS) - Greater Atlantic Regional Fisheries Office (GARFO)

Contact information:

Address:

Delivery point:

Gloucester, MA

Themes or categories of the resource: boundaries, environment, location, oceans, planningCadastre

Place keywords:

Keywords: Atlantic Ocean, Cape Cod Bay, Georges Bank, Greater Atlantic Region, Gulf of Maine, New England, United States, US EEZ, US Exclusive Economic Zone

Theme keywords:

Keywords: boundaries, environment, location, oceans, planningCadastre

Citation:

Title: ISO 19115 Topic Category

Theme keywords:

Keywords: Biology, Compliance, Conservation, Ecology, Ecosystem, Environment, Human, Management, Marine, Monitoring, Natural Resources, Permits, Regulatory, Water

Citation:

Title: EPA GIS Keyword Thesaurus

Theme keywords:

Keywords: Atlantic, EEZ, Exclusive Economic Zone, GARFO, Greater Atlantic Regional Fisheries Office, Groundfish, Magnuson-Stevens Act, MSA, National Marine Fisheries Service, National Oceanic and Atmospheric Administration, NEFMC, New England Fishery Management Council, NMFS, NOAA, Northeast Multispecies, US EEZ

Citation:

Title: GARFO Keywords

Descriptive keywords - :

Keywords: Downloadable Data

Abstract:

This dataset depicts the boundaries of the Scallop Rotational Areas of 2023 in ESRI shapefile format for the NOAA Fisheries Service's Greater Atlantic
Area II Scallop Rotational Area

Nantucket Lightship North Scallop Rotational Area

Area I Scallop Rotational Area

New York Bight Scallop Rotational Area

Nantucket Lightship West Scallop Rotational Area

Elephant Trunk Scallop Rotational Area

Because GIS projection and topology functions can change or generalize coordinates, these GIS files are considered to be approximate representations a

Purpose:

Beginning in 2010 and in response to mounting requests for digital depictions of NMFS Regulated Areas in Northeast and Mid-Atlantic Waters (Regulated

This dataset was created to depict the boundaries of NMFS Regulated Areas in Northeast and Mid-Atlantic Waters (Regulated Areas) only. For informatio

Dataset language: eng
Dataset character set: utf8

Status: completed
Maintenance:

Update frequency: asNeeded

Resource constraints:

Constraints:

Limitations of use: *** 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.

Resource constraints:

Legal constraints:

Access constraints: otherRestrictions,

Limitations of use: None.

Resource constraints:

Legal constraints:

Access constraints: otherRestrictions,

Limitations of use: Other Constraints

Resource constraints:

Legal constraints:

Use constraints:

Limitations of use: Other Constraints

Resource constraints:

Legal constraints:

Access constraints: otherRestrictions,

Limitations of use: Other Constraints

Resource constraints:

Legal constraints:

Use constraints:

Limitations of use: Other Constraints

Resource constraints:

Legal constraints:

Access constraints: otherRestrictions,

Limitations of use: Other Constraints

Resource constraints:

Legal constraints:

Use constraints:

Limitations of use: Other Constraints

Resource constraints:

Legal constraints:

Access constraints: otherRestrictions,

Limitations of use: Other Constraints

Resource constraints:

Legal constraints:

Use constraints:

Limitations of use: Other Constraints

Resource constraints:

Security constraints:

Classification system: FIPS Pub 199

Additional restrictions on handling the resource: Standard Technical Controls

Spatial representation type: vector

Processing environment: Esri ArcGIS 13.0.2.36056

Extent:

Geographic extent:

Bounding rectangle:

Extent contains the resource: true
West longitude: -80
East longitude: -64
North latitude: 46
South latitude: 32

Extent:

Extent description:

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Publication date
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Geographic extent:

Bounding rectangle:

West longitude: -180
East longitude: 180
North latitude: 90
South latitude: -90

Temporal extent:

Date/Time: 2023-04-14T15:15:24.720-04:00

Extent:

Geographic extent:

Bounding rectangle:

Extent contains the resource: true
West longitude: -71.11348
East longitude: -68.5
North latitude: 44.324844
South latitude: 42

Point of contact - pointOfContact:

Individual's name: Louis Forristall
Organization's name: NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, Sustainable Fisheries Division
Contact's position: GIS Committee Sustainable Fisheries Representative

Contact information:

Phone:

Voice: (978) 281-9321
Fax: (978) 281-9321

Address:

Delivery point:

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55 Great Republic Drive
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City: Gloucester
Administrative area: MA
Postal code: 01930
e-mail address:louis.forristall@noaa.gov

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

Spatial Representation - Vector:

Level of topology for this dataset: geometryOnly
Geometric objects:

Object type: composite
Object count: 5

Reference System Information:

Reference system identifier:

Value: 4269

Code space: EPSG
Version: 6.5(3.0.1)

Data Quality Information:

Scope of quality information:

Level of the data: dataset

Lineage:

Process step:

When the process occurred: 2023-04-14T15:10:53.452-04:00
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 step:

When the process occurred: 2023-04-14T15:13:33.711-04:00
Description: [Get Definition Text] The current legal spatial definition for the Regulated Area was copied from the e-CFR website.

Process step:

When the process occurred: 2023-04-14T15:13:36.696-04:00
Description: [Features From Templates] The Coast-to-EEZ template shapefile was copied. If necessary, the coordinates of the Regulated Area definition were converted to Decimal Degrees. To generate the Regulated Area boundary in ArcGIS, the template polygon was split by connecting these points 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. As an exception, points intended to fall along the U.S.-Canada Maritime Boundary were connected by following the geodesic line that legally defines that international boundary. When the spatial definition specified that points were connected by following the Coastline the coinciding outward extent of the template polygon was used. After all points were appropriately connected, any portions of the template outside the defined 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. 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 step:

When the process occurred: 2023-04-14T15:13:39.184-04:00
Description: [Add Attributes] The standardized attribute schema was applied to the shapefile, and the fields were defined.

Process step:

When the process occurred: 2023-04-14T15:13:41.832-04:00
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 step:

When the process occurred: 2023-04-14T15:13:44.200-04:00
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 step:

When the process occurred: 2023-04-14T15:13:46.855-04:00
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 step:

When the process occurred: 2023-04-14T15:13:49.711-04:00
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 step:

When the process occurred: 2023-04-14T15:13:52.351-04:00

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

Source data:

Level of the source data: Spatial definitions for Regulated Area boundaries.

Citation:

Title: Electronic Code of Federal Regulations

Reference date - publication: 2023-04-14

Source data:

Level of the source data: This source marine boundary was used to generate template shapefiles, which were copied and used when Regulatory Area boundaries followed portions of the US Exclusive Economic Zone.

Citation:

Title: USMaritimeLimitsNBoundaries

Reference date - publication: 2023-04-14

Extent:

Extent description:

publication date

Temporal extent:

Date/Time: 2011-05-01

Source data:

Level of the source data: 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.

Dataset's scale:

Scale denominator: 70000

Citation:

Title: NOAA's Medium Resolution Digital Vector Shoreline (1998) for the Contiguous United States

Reference date - publication: 1998

Extent:

Extent description:

publication date

Temporal extent:

Beginning date: 1988
Ending date: 2023-04-14T15:22:44.225-04:00

Distribution Information:

Format:

Format name: Shapefile
Format version:

Transfer options:

Transfer size: 1.262

Online resource:

Online location:http://www.greateratlantic.fisheries.noaa.gov/gis