

Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon

Identification ►

CITATION

CITATION INFORMATION

ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office

PUBLICATION DATE 2016-06-30

TITLE

Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon

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 Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon for the NOAA Fisheries Service's Greater Atlantic Regional Fisheries Office (GARFO). This feature class includes boundaries for the following Proposed Areas:

- Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon: Susquehanna River
- Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon: Potomac River
- Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon: Mattaponi River
- Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon: Pamunkey River
- Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon: Rappahannock River
- Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon: York River
- Proposed Critical Habitat for Chesapeake Bay Distinct Population Segment of Atlantic Sturgeon: James River

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 Proposed 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.

As access to and familiarity with Regulated Area GIS data increased, so did requests for GIS data depicting Proposed Areas, or areas described in proposed rules but not yet published as final regulations. The GIS data development standards were adapted for the depiction of Proposed Area boundaries. This dataset is a product of that initiative.

This dataset was created to depict the boundaries of NMFS Proposed Areas only. A proposed rule is not a final regulation and is subject to change before being published as a final rule. This Proposed Area dataset should not be used for a legal definition. 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 2015-06-30

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 Atlantic

THEME KEYWORD Atlantic Sturgeon

THEME KEYWORD Critical Habitat

THEME KEYWORD Endangered Species Act

THEME KEYWORD ESA

THEME KEYWORD GARFO

THEME KEYWORD Greater Atlantic Regional Fisheries Office

THEME KEYWORD National Marine Fisheries Service

THEME KEYWORD National Oceanic and Atmospheric Administration
THEME KEYWORD NMFS
THEME KEYWORD NOAA
THEME KEYWORD Proposed

PLACE

PLACE KEYWORD THESAURUS None
PLACE KEYWORD Greater Atlantic Region
PLACE KEYWORD Mid-Atlantic
PLACE KEYWORD New England
PLACE KEYWORD United States

ACCESS CONSTRAINTS

None. Proposed Area.

USE CONSTRAINTS

These data depict Proposed Areas.

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Please cite Proposed Area datasets as follows, with the appropriate information substituted for all text in {CURLY BRACKETS}:

NOAA Fisheries Service. NMFS Proposed 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 Proposed Areas only. A proposed rule is not a final regulation and is subject to change before being published as a final rule. The

Proposed Area dataset should not be used for a legal definition. The Proposed Area 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 Proposed Area dataset.

*** Not the Legal Definition ***

This Geographic Information System (GIS) dataset is not the legal definition of the Proposed Area. The description published in the Federal Register proposed rule is only a proposed legal definition. This dataset and metadata document may provide a broad overview of a subset of potentially applicable fishing regulations, restrictions and requirements; it is not a substitute for the actual regulations or the final rule publishing any new or modified regulations. Users are encouraged to read the applicable regulations in conjunction with use of this potentially applicable dataset.

*** Temporal Considerations ***

Regulated Area boundary definitions, both proposed and final, are subject to change or modification. Published datasets may represent historic, current, potential, or future Regulated Areas. When changes to fishing regulations affect this dataset, this dataset 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](#)

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[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

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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

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 2016-06-30

TITLE

Federal Register

EDITION Volume 81, Number 107, Page 35701

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/>

TYPE OF SOURCE MEDIA online

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2016-06-30

SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

FR

SOURCE CONTRIBUTION

Spatial definitions for Proposed Area boundaries.

SOURCE INFORMATION

SOURCE CITATION

CITATION INFORMATION

ORIGINATOR U.S. Geological Survey

PUBLICATION DATE 2009-07-13

TITLE

National Hydrography Dataset

EDITION Best (High) Resolution Flowlines

GEOSPATIAL DATA PRESENTATION FORM vector digital data

SERIES INFORMATION

SERIES NAME Flowlines
ISSUE IDENTIFICATION current
PUBLICATION INFORMATION
PUBLICATION PLACE Reston, Virginia
PUBLISHER U.S. Geological Survey
ONLINE LINKAGE <http://nhd.usgs.gov/data.html>

SOURCE SCALE DENOMINATOR 24000
TYPE OF SOURCE MEDIA digital download (ESRI shapefile)

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2009

SOURCE CURRENTNESS REFERENCE

ground condition

SOURCE CITATION ABBREVIATION

NHD

SOURCE CONTRIBUTION

This source river flowline was used to generate template feature class, which were copied and used for proposed Critical Habitat river lines.

SOURCE INFORMATION

SOURCE CITATION

CITATION INFORMATION

ORIGINATOR U.S. Army Corps of Engineers, U.S. Army Corps of Engineers

PUBLICATION DATE 2014-04-22

TITLE

National Inventory of Dams

EDITION 1

GEOSPATIAL DATA PRESENTATION FORM vector digital data

PUBLICATION INFORMATION

PUBLICATION PLACE Washington, DC

PUBLISHER U.S. Army Corps of Engineers

ONLINE LINKAGE <http://nid.usace.army.mil/>

TYPE OF SOURCE MEDIA digital download (database)

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2011-05-01

SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

NID

SOURCE CONTRIBUTION

This source dam location layer was used to generate template feature class, which were copied and used to designate upstream portions of proposed Atlantic Sturgeon critical habitat.

SOURCE INFORMATION

SOURCE CITATION

CITATION INFORMATION

ORIGINATOR ESRI

PUBLICATION DATE 2005

TITLE

U.S. Major Highways

GEOSPATIAL DATA PRESENTATION FORM vector digital data

SERIES INFORMATION

SERIES NAME ESRI Data & Maps

ISSUE IDENTIFICATION 2005

PUBLICATION INFORMATION

PUBLICATION PLACE Redlands, CA
PUBLISHER ESRI
ONLINE LINKAGE <http://www.arcgis.com/>

SOURCE SCALE DENOMINATOR 100000
TYPE OF SOURCE MEDIA digital download (ESRI shapefile)

SOURCE TIME PERIOD OF CONTENT
TIME PERIOD INFORMATION
SINGLE DATE/TIME

CALENDAR DATE 2005

SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

Major Highways

SOURCE CONTRIBUTION

This source highway location layer was used to generate template feature class, which were copied and used to designate upstream boundaries of proposed Atlantic sturgeon critical habitat.

PROCESS STEP

PROCESS DESCRIPTION

[Template Generation] River length for proposed Atlantic sturgeon critical habitat was based on the National Hydrography Dataset (NHD) High Resolution flowlines developed by USGS. This source river line was used to generate template feature class, which were copied and used when identifying river lines.

PROCESS DATE 2015

PROCESS STEP

PROCESS DESCRIPTION

[Get Definition Text] The spatial definition for the Proposed Area was copied from the Federal Register proposed rule.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[Edit features] To generate the Proposed Critical Habitat boundary start and end locations in ArcGIS, the template polylines were split by either the National Inventory of Dams feature class, ESRI US Major Highways feature class or text description, depending on the spatial definition outline in the proposed critical habitat definition. After line were appropriately split, any portions of the template outside the proposed critical habitat were discarded. Flowlines were dissolved into a single line file for each proposed river.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[Merge features] Individual river features were grouped by Distinct Population Segment, and merged into a new geodatabase feature class for each DPS. Each feature class includes all proposed critical habitat river lengths for the specified DPS.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

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

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[Policy Review] The Proposed Area spatial definition text, feature class geometry and attribute values were reviewed with policy staff to verify that the feature class accurately depicted and described the intended boundaries.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[Check Geometry] The ESRI ArcGIS Check Geometry tool was run on the feature class to identify any geometry problems. If problems were encountered, they were reviewed and corrected.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[Metadata] A GARFO Proposed Area feature class 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 feature class. The metadata was validated for FGDC CSDGM compliance.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

[Final Review] The feature class was reviewed by members of the GARFO GIS Committee, policy experts from the GARFO Division responsible for the Proposed Area, and General Counsel, according to the GARFO GIS Data Distribution Policy.

PROCESS DATE 2016

PROCESS STEP

PROCESS DESCRIPTION

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

PROCESS DATE 2016-06-30

Spatial Reference ►

HORIZONTAL COORDINATE SYSTEM DEFINITION

GEOGRAPHIC

LATITUDE RESOLUTION 0.000001

LONGITUDE RESOLUTION 0.000001

GEOGRAPHIC COORDINATE UNITS Decimal degrees

GEODETTIC 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 Proposed Area

ENTITY TYPE DEFINITION

NMFS Proposed Areas in Northeast and Mid-Atlantic Waters

ENTITY TYPE DEFINITION SOURCE GARFO

ATTRIBUTE

ATTRIBUTE LABEL OBJECTID

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE Esri

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL Shape

ATTRIBUTE DEFINITION

Feature geometry

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinate geometry

ATTRIBUTE

ATTRIBUTE LABEL Shape_Length

ATTRIBUTE DEFINITION

Length of feature in internal units.

ATTRIBUTE DEFINITION SOURCE Esri

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Positive real numbers that are automatically generated.

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, including proposed or final versions (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 Proposed Area, usually the area name as it will be 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 Proposed 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 Proposed Area.

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text description

ATTRIBUTE

ATTRIBUTE LABEL CFRTITLE

ATTRIBUTE DEFINITION

CFR Title citation where the Proposed Area will be 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 Proposed Area will be 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 Proposed Area will be 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 Proposed Area will be 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 Proposed Area will be 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 proposed rule containing the Proposed Area spatial definition.

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text name

ATTRIBUTE

ATTRIBUTE LABEL FRDATE

ATTRIBUTE DEFINITION

Federal Register citation date of proposed rule containing the Proposed Area spatial definition.

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. For Proposed Areas, this field will be blank because the area is not yet law.

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Date

ATTRIBUTE

ATTRIBUTE LABEL SOURCE

ATTRIBUTE DEFINITION

If Proposed Area will be defined in the CFR, this is the citation for the Amendment/Framework/etc. that will establish the area. If the Proposed Area will not be defined in the CFR, this is the alternative source citation that will establish the area.

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text citation

ATTRIBUTE

ATTRIBUTE LABEL RECURST

ATTRIBUTE DEFINITION

Annually recurring date Proposed Area would become active

ATTRIBUTE DEFINITION SOURCE GARFO

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Date

ATTRIBUTE

ATTRIBUTE LABEL RECUREND

ATTRIBUTE DEFINITION

Annually recurring date Proposed Area would become 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 Proposed 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 Proposed Areas represented. Attributes provide potential citations for the future legal spatial definition and originating documents, and currentness information for each area.

[ENTITY AND ATTRIBUTE DETAIL CITATION](#)

FILEDS_Map_PROPOSED_Areas_version.xlsx fully describes the Attribute Schema used for Proposed Area GIS data sets. To access this document, see the Contact Information.

Distribution Information ►

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[CONTACT PERSON](#) Dean-Lorenz Szumylo

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[RESOURCE DESCRIPTION](#) Downloadable Data

[DISTRIBUTION LIABILITY](#)

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Metadata Reference ►

[METADATA DATE](#) 2016-06-30

[METADATA FUTURE REVIEW DATE](#) 2020-06-30

[METADATA CONTACT](#)

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METADATA STANDARD NAME FGDC Content Standard for Digital Geospatial Metadata

METADATA STANDARD VERSION FGDC-STD-001-1998