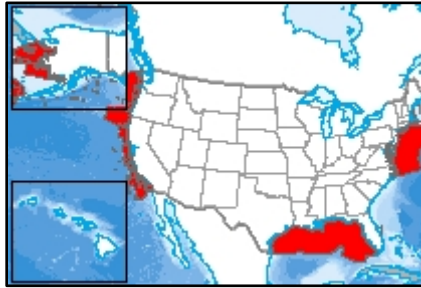


Essential Fish Habitat



Tags

EFH, Caribbean Sea, Protected, Atlantic Ocean, Essential Fish Habitat, Pacific Ocean, Gulf of Mexico, Acres Protected

Summary

The purpose of these data is to visually represent spatial information for areas in which fishing has been restricted to minimize the adverse effects of fishing to EFH. The spatial extent of these areas will be calculated and used in partial satisfaction of the performance metric reporting requirements of the Habitat Program.

Description

Designated EFH areas where fishing or the use of fishing gears has been restricted or modified in order to minimize the adverse effects of fishing on EFH, as required by Section 303(a)(7) of the Magnuson Stevens Act.

Credits

NOAA Fisheries

Use limitations

Although these data have been used by the National Oceanic and Atmospheric Administration, U.S. Department of Commerce, no warranty expressed or implied is made by the National Oceanic and Atmospheric Administration as to the accuracy of the data. The act of Distribution shall not constitute any such warranty, and no responsibility is assumed by the National Oceanic and Atmospheric Administration in the use of these data, software, or related materials.

ArcGIS Metadata

Topics and Keywords

* CONTENT TYPE Downloadable Data

PLACE KEYWORDS Caribbean Sea, Atlantic Ocean, Pacific Ocean, Gulf of Mexico

THESAURUS

TITLE CIESIN Indexing Vocabulary

THEME KEYWORDS EFH, Protected, Essential Fish Habitat, Acres Protected

Citation

TITLE EFH Areas Protected From Fishing

PUBLICATION DATE 2010-06-21

CREATION DATE 2009-11-23

EDITION 2011.1

PRESENTATION FORMATS digital map

Citation Contacts

RESPONSIBLE PARTY

ORGANIZATION'S NAME Terra Lederhouse, Marine Habitat Resource Specialist (Compiler)

CONTACT'S ROLE originator

RESPONSIBLE PARTY

ORGANIZATION'S NAME Mike Onzay, GIS Specialist, (Editor)

CONTACT'S ROLE originator

RESPONSIBLE PARTY

ORGANIZATION'S NAME NOAA Fisheries, Office of Habitat Conservation, Habitat Protection Division

CONTACT'S ROLE originator

Resource Details

DATASET LANGUAGES English ()

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going

SPATIAL REPRESENTATION TYPE vector

SUPPLEMENTAL INFORMATION

The original dataset was created in ESRI ArcGIS 9.2 and 9.3.1

* **PROCESSING ENVIRONMENT** Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.5.4400

CREDITS

NOAA Fisheries

ARCGIS ITEM PROPERTIES

* **NAME** EFH_AreasProtectedFromFishing

* **LOCATION**

* **ACCESS PROTOCOL** Local Area Network

Extents

EXTENT

DESCRIPTION

publication date

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* **WEST LONGITUDE** -179.999989

* **EAST LONGITUDE** 179.999991

* **NORTH LATITUDE** 65.830103

* **SOUTH LATITUDE** 14.930000

* **EXTENT CONTAINS THE RESOURCE** Yes

TEMPORAL EXTENT

BEGINNING DATE 1999

ENDING DATE 2009

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* **WEST LONGITUDE** -14561521.232400

* **EAST LONGITUDE** 14561520.972500

* **SOUTH LATITUDE** 1954651.652900

* **NORTH LATITUDE** 7456595.053700

* **EXTENT CONTAINS THE RESOURCE** Yes

Resource Points of Contact

POINT OF CONTACT

INDIVIDUAL'S NAME Terra Lederhouse
ORGANIZATION'S NAME NOAA/NMFS/OHC/HPD
CONTACT'S POSITION Marine Habitat Resource Specialist
CONTACT'S ROLE point of contact

CONTACT INFORMATION

PHONE
VOICE 301-427-8639

ADDRESS

DELIVERY POINT Office of Habitat Conservation, F/HC2
DELIVERY POINT 1315 East-West Hwy, #14205
CITY Silver Spring
ADMINISTRATIVE AREA MD
POSTAL CODE 20910
COUNTRY US
E-MAIL ADDRESS terra.lederhouse@noaa.gov

Resource Maintenance

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

Resource Constraints

LEGAL CONSTRAINTS

ACCESS CONSTRAINTS other restrictions

OTHER CONSTRAINTS

Access constraints: Restriction Code: other restrictions; Other Constraints: Access constraints: None

CONSTRAINTS

LIMITATIONS OF USE

Although these data have been used by the National Oceanic and Atmospheric Administration, U.S. Department of Commerce, no warranty expressed or implied is made by the National Oceanic and Atmospheric Administration as to the accuracy of the data. The act of Distribution shall not constitute any such warranty, and no responsibility is assumed by the National Oceanic and Atmospheric Administration in the use of these data, software, or related materials.

CONSTRAINTS

LIMITATIONS OF USE

Users are advised that the spatial representation of essential fish habitat is for informational purposes only and should not be solely relied on for regulatory purposes. Implementing regulations [50 CFR 600.815(a)(1)(iv)(B)] specify if there are differences between the descriptions of EFH in text and maps the textual description is ultimately determinative of the limits of EFH as described in the Amendment.

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

Spatial Reference

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
- * PROJECTION World_Eckert_IV
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 54012

X ORIGIN -16921400

Y ORIGIN -8460800

XY SCALE 10000

Z ORIGIN 0

Z SCALE 8192

M ORIGIN 0

M SCALE 1

XY TOLERANCE 0.001

Z TOLERANCE 2

M TOLERANCE 2

HIGH PRECISION true

WELL-KNOWN TEXT

PROJCS["World_Eckert_IV",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Eckert_IV"],PARAMETER["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",0.0],UNIT["Meter",1.0],AUTHORITY["ESRI",54012]]

REFERENCE SYSTEM IDENTIFIER

VALUE 54012

* CODESPACE ESRI

* VERSION 10.0.0

Spatial Data Properties

VECTOR

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME EFH_AreasProtectedFromFishing

* OBJECT TYPE composite

* OBJECT COUNT 148

ARCGIS FEATURE CLASS PROPERTIES

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 148

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

Data Quality

SCOPE OF QUALITY INFORMATION

RESOURCE LEVEL dataset

DATA QUALITY REPORT - COMPLETENESS OMISSION

MEASURE DESCRIPTION This dataset was compiled together from multiple source documents.

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY

MEASURE DESCRIPTION All attributes compiled from the published Code of Regulations (Federal Register) were copied/pasted from the PDF version of these documents. Hyperlinks to these documents were verified. Other attributes were checked for consistency and accuracy. The acres value was computed by multiplying the GIS generated shape_area (meters) by 10.7639104 (conversion factor from square meters to square feet) and then divided by 43560 (conversion factor from square feet to acres) to obtain the acres. No tests for logical consistency were performed on this data. The data was visually inspected to confirm that: it contains the requisite points and boundaries from the Federal Register text description.

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY

MEASURE DESCRIPTION Due to the various sources used in compiling this dataset, of which many sources did not have a published accuracy report or scale listed, no statement of accuracy can be made here. Three ESRI bugs were discovered during the course of this project that impacted the actual process of constructing these data for verification with the source data or in the compilation of the data itself: In an ArcMap edit session: NIM049706: With the units set to Degrees Minutes Seconds, if 'DMS' is added to the Lat value (47°0'0"N DMS), when any of the functions are invoked (Flash, Add Point, etc.), the Lat value defaults to the Southern hemisphere (47°0'0"S). NIM049797: Absolute XY: With the data frame set to GCS_WGS_1984, only two of ten cited longitude-latitude input formats work. Outside of an ArcMap edit session: NIM050616: In the Go To XY tool, with the units set to Degrees Decimal Minutes, the decimal minutes values increase by one minute each time any of the six associated tools (Pan To, Zoom To, Flash, etc.) are clicked. Based on these discoveries the decision was made to use the GoTo XY method for entering coordinates because the point is not appearing in the southern hemisphere. The GoTo XY method has the added advantage of retaining the entered coordinate values when the graphics were converted to a featureclass. The changes that NIM050616 caused were deemed less significant as most of the published coordinates do not use the minute designation. Further research is required to determine if the changing of the values means that the change is actually occurring on the map or if the change is only affecting the display. The work around for entering coordinate values in an edit session would have significantly added to the process.

Lineage

PROCESS STEP

WHEN THE PROCESS OCCURRED 2009-01-01

DESCRIPTION The areas depicting the Groundfish EFH in the Pacific Coast EEZ seaward of 700 fm and Groundfish EFH in the Pacific Coast EEZ and the conservation areas were imported from shapefiles downloaded from the NW region's website.

PROCESS STEP

WHEN THE PROCESS OCCURRED 2009-01-01

DESCRIPTION This project began with a list of 100 potential sites that MIGHT be restricted to fishing under EFH authority. This list was drawn from a shapefile (TH MPA Subset) that had been derived from the MPA Inventory. The table was exported to an Excel spreadsheet where additional columns of attributes were added to aid in the verification process. The contents of this list were checked, verified, deleted and added to as further information was discovered.

PROCESS STEP

WHEN THE PROCESS OCCURRED 2009-01-01

DESCRIPTION Submerged Lands Act data (State/Federal boundary) and the National Marine Fisheries Service boundaries from the Federal Legislative Atlas GIS datasets created by NOAA/National Ocean Service/Coastal Services Center, were combined by converting polylines to polygons, editing areas outside of the Gulf of Mexico, and then cleaning and creating a final polygon.

PROCESS CONTACT

INDIVIDUAL'S NAME Amanda Frick

ORGANIZATION'S NAME NOAA National Marine Fisheries Service

CONTACT'S POSITION GIS Coordinator

CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE

VOICE (727) 824-5312

ADDRESS

DELIVERY POINT 263 13th Avenue South

CITY St. Petersburg

ADMINISTRATIVE AREA FL

POSTAL CODE 33701-5505

COUNTRY US

E-MAIL ADDRESS amanda.frick@noaa.gov

HOURS OF SERVICE 8:00 am - 5:00 pm M-F

PROCESS STEP

WHEN THE PROCESS OCCURRED 2009-01-01

DESCRIPTION To create the area depicting the "Groundfish EFH in the Pacific Coast EEZ shoreward of 100 fathoms" the coordinate points were downloaded from the NW regional website, imported into ArcMap as an XY event, and converted to a featureclass. A line was created by snapping to the 100 fathom points in the order listed by id_area. A temporary polygon was created by cutting out a portion of the West coast US state boundary polygon. Two additional lines were constructed that overlapped the line from the 100 fathom points and the West Coast boundary polygon at both the north and south ends. The ArcInfo command "Feature to Polygon" was used to create a new polygon from these parts. The new polygon was intersected with EFH off Pacific Coast (efh_polygons) to create a new area. Finally, this area was dissolved to create one multipart polygon.

PROCESS STEP

DESCRIPTION Task: Split areas in the PFMC that were between the shoreline and the 3 nautical mile boundary that marked the beginning of the EEZ to indicate whether area is in or out of state waters
Process: Created a temporary polygon using the 3 nautical mile EEZ boundary and a manually drawn line (ca_or_wa_3nm_poly) [feature to polygon] Created a temporary dataset of PFMC areas (pfmc_temp). Erased the pfmc_temp using ca_or_wa_3nm_poly. [erase] Visually verified each area to determine if it was captured or not captured properly. Copied new features into existing featureclass. Visually verified each area. Recalculated area. Visually compared new area to old area. Added field called 'instatewaters'. Added Y or N to each record to indicate whether it is inside or outside of state waters.

PROCESS STEP

WHEN THE PROCESS OCCURRED 2009-01-01

DESCRIPTION The coordinate values were entered by copying each coordinate from the appropriate Federal Register PDF, pasting the values into the GoTo XY toolbar in ArcMap (using the setting "Degrees Decimal Minutes") and clicking on the "Add Point" button on the GoTo XY toolbar. Using the "convert graphics to features" tool found on the drawing toolbar, the points were converted to a temporary featureclass. The points were then copied to a final featureclass where additional attributes were entered. This process was completed separately for each site.

PROCESS STEP

WHEN THE PROCESS OCCURRED 2009-01-01

DESCRIPTION The Southern Fishery Management Area was created by a) deleting the grids from the "statistical areas for the offshore Eastern USA" polygon based on the grids depicted on page 40 of the 1998 Monkfish FMP ; b) creating a temporary polygon using the Atlantic EEZ as the polygon's western boundary and using that polygon to 'erase' the Eastern side of the statistical area; c) creating a temporary polygon using a portion of the US State boundaries to 'erase' the Western side of the statistical area; d) cutting the northern boundary of the statistical areas polygon based on the description on page 38 of the 1998 Monkfish FMP and confirmed in email correspondence with the NE region; e) dissolving the grids of the statistical areas dataset into one polygon.

PROCESS STEP

WHEN THE PROCESS OCCURRED 2009-01-01

DESCRIPTION While data obtained through the MPA Inventory was used to populate the initial list it did not include sufficiently detailed information on the source of the data or how each feature was constructed. Therefore, the coordinates in the appropriate regulations published in the Federal Register were plotted to create the feature boundaries. This occurred only for those sites in regions that did not provide digital data.

PROCESS STEP

WHEN THE PROCESS OCCURRED 2009-01-01

DESCRIPTION All sites in the NEFMC, CFMC, MAFMC except for the Southern Fishery Management Area, the Gulf EEZ and the Caribbean EEZ were created by snapping the boundaries to the points in the Restricted Fishery Coordinates dataset and populating the attributes.

PROCESS STEP

DESCRIPTION Removed * Closed Area I EFH Closure Section 1 * Closed Area I EFH Closure Section 2 * Closed Area II EFH Closure * Nantucket Lightship Closed Area EFH Closure * Western Gulf of Maine EFH Closure

RATIONALE There are no longer separate scallop and groundfish EFH closures in the NE. See 2011 Amendment 15 to the Atlantic Scallop FMP <http://www.gpo.gov/fdsys/pkg/FR-2011-07-21/pdf/2011-18311.pdf>

SOURCE DATA

DESCRIPTION These datasets were used in all regions to verify the boundaries of those restricted areas that used the EEZ as a boundary. These datasets were also used in the construction of some restricted areas.

SOURCE CITATION

TITLE Approved Exclusive Economic Zone for the Atlantic Coast, USA

PRESENTATION FORMATS hardcopy map

RESPONSIBLE PARTY

ORGANIZATION'S NAME Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Office of Coast Survey (OCS)

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION This source was used to create the west side of the conservation area that is shoreward of 100 fathoms off the Pacific Coast.

SOURCE CITATION

TITLE Coordinates for 100 Fathom depth contours

PRESENTATION FORMATS hardcopy document

RESPONSIBLE PARTY

ORGANIZATION'S NAME Northwest Regional Office

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Starting on page 22964, the coordinates for Cashes Ledge Habitat Closure Area, Closed Area I EFH Closure Section 1, Closed Area I EFH Closure Section 2, Closed Area I - North Habitat Closure Area, Closed Area I - South Habitat Closure Area, Closed Area II EFH Closure, Closed Area II Habitat Closure Area, Jeffrey's Bank Habitat Closure Area, Lydonia Canyon, Nantucket Lightship Closed Area EFH Closure, Nantucket Lightship Habitat Closure Area, Oceanographer Canyon, Western GOM Habitat Closure, and Western GOM EFH Closure were used.

SOURCE CITATION

TITLE Magnuson-Stevens Fishery Conservation and Management Act Provisions; Fisheries of the Northeastern United States; Northeast (NE) Multispecies Fishery; Amendment 13

PRESENTATION FORMATS hardcopy document

RESPONSIBLE PARTY

ORGANIZATION'S NAME 69 Federal Register 81 (27 April 2004), pp. 22964 - 22967

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Starting on page 21946, the coordinates for the Oceanographer and Lydonia Canyons ClosedAreas, were used to construct point features.

SOURCE CITATION

TITLE MA Mackerel, Squid, and Butterfish FMP Am 9

RESPONSIBLE PARTY

ORGANIZATION'S NAME 73 Federal Register 127 (01 July 2008), pp. 37388

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Starting on page 21946, the coordinates for the Oceanographer and Lydonia Canyons, were used to construct point features.

SOURCE CITATION

TITLE Fisheries of the Northeastern United States; Monkfish Fishery; Amendment 2

RESPONSIBLE PARTY

ORGANIZATION'S NAME 70 Federal Register 81 (28 April 2005), pp. 21928

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION This shapefile was used as the base for the Southern Fishery Management Area

SOURCE CITATION

TITLE Statistical Areas

PRESENTATION FORMATS hardcopy map

OTHER CITATION DETAILS David F. Chevrier IT Specialist NE Fisheries Science Center 166 Water Street Woods Hole, MA 02543

RESPONSIBLE PARTY

ORGANIZATION'S NAME DOC/NOAA/NMFS/NEFSC/DMS

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Starting on page 62081, the coordinates for Grammanik Bank were used to construct point features.

SOURCE CITATION

TITLE Fisheries of the Caribbean, Gulf of Mexico, and South Atlantic; Comprehensive Amendment to the Fishery Management Plans of the U.S. Caribbean

RESPONSIBLE PARTY

ORGANIZATION'S NAME 70 Federal Register 208 (28 October 2005), pp. 62081

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION The features in this dataset were used as/is and not modified.

SOURCE CITATION

TITLE EFH Conservation Areas off Washington, Oregon, and California for NMFS' Final Rule Implementing Amendment 19 to the Pacific Coast Groundfish Fishery Management Plan

OTHER CITATION DETAILS efh_consarea_polygons.shp

RESPONSIBLE PARTY

ORGANIZATION'S NAME NOAA/NMFS/Northwest Regional Office

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION This source was used as a reference document.

SOURCE CITATION

TITLE MPA Inventory

PRESENTATION FORMATS hardcopy map

RESPONSIBLE PARTY

ORGANIZATION'S NAME NOAA's Marine Protected Areas Center

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Starting on page 42585, the coordinates for the Oceanographer, Lydonia, Veatch and Norfolk Gear Restricted Areas were used to construct point features.

SOURCE CITATION

TITLE Magnuson-Stevens Fishery Conservation and Management Act Provisions; Fisheries of the Northeastern United States; Tilefish; Amendment 1

RESPONSIBLE PARTY

ORGANIZATION'S NAME 74 Federal Register 162 (24 August 2009), pp. 42585
CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Starting on page 76220, coordinates used to verify the restricted fisheries boundaries for the East Flower Garden Banks HAPC, West Flower Garden Banks HAPC, EEZ portion of the North Tortugas Marine Reserve, McGrail Bank HAPC, Pulley Ridge HAPC, Stetson Bank HAPC.

SOURCE CITATION

TITLE Fisheries of the Caribbean, Gulf of Mexico, and South Atlantic; Gulf of Mexico Essential Fish Habitat

RESPONSIBLE PARTY

ORGANIZATION'S NAME 70 Federal Register 246 (23 December 2005), pp. 76220
CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Coordinates used to construct the restricted fisheries boundaries

SOURCE CITATION

TITLE Restricted Fisheries Coordinates

RESPONSIBLE PARTY

ORGANIZATION'S NAME Mike Onzay, GIS Specialist, NOAA/OHC/HPD, Silver Spring, MD 20910
CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION The features in this dataset were used as/is and not modified.

SOURCE CITATION

TITLE The area seaward of the 700-fathom Depth Contour off Washington, Oregon, and California for NMFS' Final Rule Implementing Amendment 19 to the Pacific Coast Groundfish Fishery Management Plan

OTHER CITATION DETAILS efh_700fm_polygons.shp

RESPONSIBLE PARTY

ORGANIZATION'S NAME NOAA/NMFS/Northwest Regional Office
CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Various datasets that had been collected, compiled and possibly constructed by NOAA's Office of Habitat Protection from multiple sources over a period of several years (2000-2008?), were used as reference, as a basis for construction, or used as the source data itself for including in this restricted fisheries dataset if no other source information could be located. The following datasets were copied from this source into the restricted fisheries dataset: Aleutian Islands Coral Habitat Protection Area Aleutian Islands Habitat Conservation Area Alaska Seamount Habitat Protection Area Gulf of Alaska Coral Habitat Protection Area Gulf of Alaska Slope Habitat Conservation Area

SOURCE CITATION

TITLE Supporting EFH datasets

PRESENTATION FORMATS hardcopy map

OTHER CITATION DETAILS These data are stored on an external hard drive connected to the computer used by NOAA/NMFS/OHC/HPD's GIS Specialist

RESPONSIBLE PARTY
ORGANIZATION'S NAME NOAA/NMFS/OHC/HPD
CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION This source was used as a reference for determining the boundaries of the SFMA

SOURCE CITATION

TITLE Section 3, Monkfish Fishery Management Plan

PRESENTATION FORMATS hardcopy document

RESPONSIBLE PARTY

ORGANIZATION'S NAME New England Fishery Management Council; p. 40, Figure 5.
CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION The features in this dataset were used as/is and not modified.

SOURCE CITATION

TITLE Essential Fish Habitat (EFH) off Washington, Oregon, and California for NMFS' Final Rule Implementing Amendment 19 to the Pacific Coast Groundfish Fishery Management Plan

OTHER CITATION DETAILS efh_polygons.shp

RESPONSIBLE PARTY

ORGANIZATION'S NAME NOAA/NMFS/Northwest Regional Office
CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION A series of emails with the NE region to clarify the boundaries of the Southern Fishery Management Area.

SOURCE CITATION

TITLE Email correspondence with NE region
PUBLICATION DATE 2009-01-01

SOURCE DATA

DESCRIPTION This dataset was used to create the initial list of 100 sites that might be restricted under EFH authority.

SOURCE CITATION

TITLE Subset of MPA Inventory where bottom trawl / dredging is prohibited

RESPONSIBLE PARTY

ORGANIZATION'S NAME Tim Haverland, Geospatial Application Developer, NOAA Fisheries Office of Science and Technology, 1315 East-West Highway, Rm 12303, Silver Spring, MD 20910

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Starting on page 60133, the coordinates for Mutton snapper spawning aggregation area, Red hind spawning aggregation areas, Bajo de Cico., Tourmaline Bank, Abrir La Sierra Bank, Hind Bank Marine Conservation District closed area were used to construct point features.

SOURCE CITATION

TITLE Fisheries of the Caribbean, Gulf of Mexico, and South Atlantic; Coral Reef Resources of Puerto Rico and the U.S. Virgin Islands; Amendment 1

RESPONSIBLE PARTY

ORGANIZATION'S NAME 64 Federal Register 213 (04 November 1999), pp. 60133

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION This document was used as a reference.

SOURCE CITATION

TITLE Magnuson-Stevens Act Provisions; Fisheries off West Coast States; Pacific Coast Groundfish Fishery

PRESENTATION FORMATS hardcopy document

RESPONSIBLE PARTY

ORGANIZATION'S NAME 71 Federal Register 91 (11 May 2006), pp. 27408 - 27426

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION Starting on page 35223, coordinates for the following sites were used: Closed Area I EFH Closure Section 1, Closed Area I EFH Closure Section 2, Closed Area II EFH Closure, Nantucket Lightship Closed Area EFH Closure, Western Gulf of Maine EFH Closure.

SOURCE CITATION

TITLE Atlantic Sea Scallop Fishery; Amendment 10

PRESENTATION FORMATS hardcopy document

RESPONSIBLE PARTY

ORGANIZATION'S NAME 69 Federal Register 120 (23 June 2004), pp. 35523

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION This source was used for following sites: East Flower Garden Banks HAPC, West Flower Garden Banks HAPC, EEZ Portion of Tortugas North Tortugas marine reserves HAPC, McGrail Bank HAPC, Pulley Ridge HAPC, Stetson Bank HAPC, Satellite Oculina HAPC #1 (Oculina Bank HAPC), Satellite Oculina HAPC #2 (Oculina Bank Experimental Closed Area).

SOURCE CITATION

TITLE Gulf of Mexico Closed Area shapefiles

PUBLICATION DATE 2005-01-01

PRESENTATION FORMATS hardcopy map

RESPONSIBLE PARTY

ORGANIZATION'S NAME David Dale, Fishery Biologist

CONTACT'S ROLE originator

RESPONSIBLE PARTY

ORGANIZATION'S NAME Amanda Frick, GIS Specialist

CONTACT'S ROLE originator

SOURCE DATA

DESCRIPTION This Excel spreadsheet was used to keep track of the list of potential sites and compile additional information that could not be stored in the featureclass.

SOURCE CITATION

TITLE EFH Restricted Fisheries Areas

PUBLICATION DATE 2009-01-01

PRESENTATION FORMATS hardcopy document

SOURCE DATA

DESCRIPTION This dataset was used to provide a consistent boundary in constructing boundaries in regions outside of Alaska.

SOURCE CITATION

TITLE State boundaries of the United States

PRESENTATION FORMATS hardcopy map

RESPONSIBLE PARTY

ORGANIZATION'S NAME National Atlas of the United States

CONTACT'S ROLE originator

Distribution

DISTRIBUTOR

CONTACT INFORMATION

ORGANIZATION'S NAME NOAA Fisheries, Office of Habitat Conservation, Habitat Protection Division

CONTACT'S POSITION GIS Specialist

INDIVIDUAL'S NAME Mike Onzay

CONTACT'S ROLE distributor

CONTACT INFORMATION

PHONE

VOICE 301-427-8643

ADDRESS

E-MAIL ADDRESS mike.onzay@noaa.gov

ONLINE RESOURCE

LOCATION <http://www.habitat.noaa.gov/protection/efh/newInv/index.html>

NAME EFH Text Descriptions & GIS Data Inventory

FUNCTION PERFORMED download

CONTACT INSTRUCTIONS

From the EFH Text Descriptions & GIS Data Inventory, click on the arrow on the upper right side of the table to scroll the tabs. Click on the National tab. Click on the appropriate file to download or view metadata.

AVAILABLE FORMAT

NAME ESRI File Geodatabase

VERSION 10.0

AVAILABLE FORMAT

NAME ESRI Shapefile

TRANSFER OPTIONS

UNITS OF DISTRIBUTION Megabytes

TRANSFER SIZE 4.7 (uncompressed)

TRANSFER OPTIONS

UNITS OF DISTRIBUTION Megabytes

TRANSFER SIZE 10 (uncompressed)

DISTRIBUTION FORMAT

* **NAME** File Geodatabase Feature Class

Fields

DETAILS FOR OBJECT EFH_AreasProtectedFromFishing

* **TYPE** Feature Class

* ROW COUNT 148

FIELD OBJECTID

- * ALIAS OBJECTID
- * DATA TYPE OID
- * WIDTH 4
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Internal feature number.

* DESCRIPTION SOURCE
ESRI

* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

FIELD SITENAME

- * ALIAS SITENAME
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The official name of the site

DESCRIPTION SOURCE

Code of Federal Regulations

FIELD AREA

- * ALIAS AREA
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The area in acres as calculated by the GIS system

DESCRIPTION SOURCE

Metadata author

FIELD FISHERYMANAGEMENTCOUNCIL

ALIAS FISHERY MANAGEMENT COUNCIL

- * DATA TYPE String
- * WIDTH 6
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The name of the Fishery Management Council that developed the associated Fishery Management Plan

DESCRIPTION SOURCE

Code of Federal Regulations

LIST OF VALUES

VALUE NEFMC

DESCRIPTION New England Fishery Management Council

VALUE MAFMC
DESCRIPTION Mid-Atlantic Fishery Management Council

VALUE SAFMC
DESCRIPTION South Atlantic Fishery Management Council

VALUE GFMC
DESCRIPTION Gulf of Mexico Fishery Management Council

VALUE CFMC
DESCRIPTION Caribbean Fishery Management Council

VALUE PFMC
DESCRIPTION Pacific Fishery Management Council

VALUE NPFMC
DESCRIPTION North Pacific Fishery Management Council

FIELD FISHERYMANAGEMENTPLAN

ALIAS FISHERY MANAGEMENT PLAN

* DATA TYPE String

* WIDTH 200

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The name of the Fishery Management Plan and/or amendment

DESCRIPTION SOURCE

Code of Federal Regulations

FIELD CODEOFFEDERALREGULATIONS

ALIAS CODE OF FEDERAL REGULATIONS

* DATA TYPE String

* WIDTH 100

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The title from the Code of Federal Regulations

DESCRIPTION SOURCE

Code of Federal Regulations

FIELD LINKTOREGULATIONS

ALIAS LINK TO REGULATIONS

* DATA TYPE String

* WIDTH 100

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

A hyperlink to the implementing regulations on the Federal Register website

DESCRIPTION SOURCE

Metadata author

FIELD PUBLICATIONDATE

ALIAS PUBLICATION DATE

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The date that the implementing regulations for the fishery management action were published in the Federal Register

DESCRIPTION SOURCE

Code of Federal Regulations

FIELD FISHINGRESTRICTIONS

ALIAS FISHING RESTRICTIONS

- * DATA TYPE String
- * WIDTH 200
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The fishing restrictions associated with the site

DESCRIPTION SOURCE

Metadata author

FIELD ZONE

- * ALIAS ZONE
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Abbreviation of Alaska group using first letter of each word. This column was added for specific functionality in the EFH Mapper

DESCRIPTION SOURCE

Metadata author

FIELD INSTATEWATERS

ALIAS IN STATE WATERS

- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Y or N value to indicate whether area is inside or outside of state waters off the Pacific coast. This column was added for specific functionality in the EFH Mapper.

DESCRIPTION SOURCE

Metadata author

FIELD SHAPE

- * ALIAS SHAPE
- * DATA TYPE Geometry
- * WIDTH 0
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Feature geometry.

* DESCRIPTION SOURCE

ESRI

- * DESCRIPTION OF VALUES Coordinates defining the features.

FIELD SHAPE_Length

- * ALIAS SHAPE_Length
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Length of feature in internal units.
- * DESCRIPTION SOURCE
ESRI
- * DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

FIELD SHAPE_Area

- * ALIAS SHAPE_Area
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Area of feature in internal units squared.
- * DESCRIPTION SOURCE
ESRI
- * DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

Metadata Details

METADATA LANGUAGE English (UNITED STATES)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
SCOPE NAME * dataset

* LAST UPDATE 2013-08-05

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE FGDC CSDGM Metadata
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2011-08-04 13:01:30
LAST MODIFIED IN ARCGIS FOR THE ITEM 2013-08-05 14:12:24

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2013-08-05 14:12:24

Metadata Contacts

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ORGANIZATION'S NAME NOAA Fisheries, Office of Habitat Conservation, Habitat Protection Division
CONTACT'S POSITION GIS Specialist
CONTACT'S ROLE point of contact

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ADMINISTRATIVE AREA MD

POSTAL CODE 20910

E-MAIL ADDRESS mike.onzay@noaa.gov

ONLINE RESOURCE

LOCATION <http://www.habitat.noaa.gov/protection/efh/habitatmapper.html>

FUNCTION PERFORMED information

Metadata Maintenance

MAINTENANCE

UPDATE FREQUENCY as needed

SCOPE OF THE UPDATES dataset

Thumbnail and Enclosures

THUMBNAIL

THUMBNAIL TYPE JPG