

Alabama Marine Resources Division Proposed Inshore Reefs

Shapefile



Tags

Alabama Marine Resources Division, Inshore Reefs, Fishing, Proposed, 2016

Summary

This file is intended to provide the location and name of the Alabama Marine Resources Division (AMRD) proposed inshore artificial reefs for 2016. This file is intended to provide the approximate boundaries/limits of the 2016 proposed inshore artificial fishing reefs.

Description

AMRD has proposed the construction of two inshore artificial fishing reefs for 2016; Pelican Bay Reef and the Blue Rig Reef. AMRD is proposing the installation of "eco reefs" that extend from the seafloor vertically into the water column to provide habitat structure for fish and other marine life. The Pelican Bay Reef is located in Pelican Bay, just south of Dauphin Island and north of Pelican Bay (also known to locals as "Sand Island"). The Blue Rig Reef is to be located at the site of a decommissioned natural gas platform (previously known as the "Blue Rig") and is situated in Mississippi Sound.

Credits

There are no credits for this item.

Use limitations

There are no access and use limitations for this item.

Extent

West -88.288155 **East** -88.104744
North 30.284150 **South** 30.237338

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Citation ►

TITLE Alabama Marine Resources Division Proposed Inshore Reefs

PRESENTATION FORMATS digital map

[Hide Citation ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

SPATIAL REPRESENTATION TYPE vector

PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.1.3497

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

WEST LONGITUDE -88.288155

EAST LONGITUDE -88.104744

NORTH LATITUDE 30.284150

SOUTH LATITUDE 30.237338

EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Alexander R. Miller

ORGANIZATION'S NAME USFWS

CONTACT'S POSITION Cartographer

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE 303-275-2365

ADDRESS

TYPE both

DELIVERY POINT 6550 Gateway Road, Trailer Z-80

CITY Commerce City

ADMINISTRATIVE AREA CO

POSTAL CODE 80022

COUNTRY US

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Spatial Reference ►

REFERENCE SYSTEM IDENTIFIER

VALUE 4326
 CODESPACE EPSG
 VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

OBJECT TYPE composite
 OBJECT COUNT 2

[Hide Vector ▲](#)

[Hide Spatial Data Properties ▲](#)

Lineage ►

PROCESS STEP ►

WHEN THE PROCESS OCCURRED 2016-04-25 00:00:00

DESCRIPTION

FWS WSFR TRACS team received zipped shapefiles from Alabama Marine Resources Division (AMRD) and upon unzipping the file, the shapefile was imported into a file geodatabase in order to run topology and generalize the data. The Check Geometry tool was used to determine if there were any geometry problems. No geometry problems were identified. Topology was created in ArcCatalog using the default rule Must Be Larger than Cluster Tolerance. There were no topology errors.

The validated layer was generalized using the Simplify Polygon tool with the bend simplification and resolve topology error options. The generalized layer was exported to GCS WGS 84 and topology was recreated to confirm no additional errors were introduced.

Two double fields were added to the attribute table for the web mapper program: Area_sq_m and Len_m. These fields were populated using "Calculate Geometry" with coordinate system "World_Cylindrical_Equal_Area". Three integer fields were added to the attribute table for the web mapper program: SOURCE_ID, IS_ACTIVE and IS_DELETED. IS_ACTIVE was populated with 1 (True) and IS_DELETED with 0 (False). SOURCE_ID is a unique qualifier that is extracted from the state data provided. A text field was added to the attribute table for the web mapper program: SOURCE and was populated with the table_name.

The layer was imported to the SDE Enterprise Oracle database using the SDO_GEOMETRY spatial type.

PROCESS CONTACT

ORGANIZATION'S NAME U.S. Fish and Wildlife Service, Wildlife and Sport Fish Restoration Program (WSFR)

CONTACT INFORMATION ►

PHONE

VOICE 303-275-2344

FAX 303-275-2345

ADDRESS

TYPE both
DELIVERY POINT 6550 Gateway Road, Trailer Z-80
CITY Commerce City
ADMINISTRATIVE AREA CO
POSTAL CODE 80022
COUNTRY US

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTION FORMAT

NAME Shapefile

TRANSFER OPTIONS

TRANSFER SIZE 0.000

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT AMRD_proposed_2016_inshore_reefs ►

FIELD OBJECTID ►

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field OBJECTID ▲](#)

FIELD Shape ►

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

[Hide Field Shape ▲](#)

FIELD Id ▶

Hide Field Id ▲

FIELD Area ▶

Hide Field Area ▲

FIELD Latitude ▶

Hide Field Latitude ▲

FIELD Longitude ▶

Hide Field Longitude ▲

FIELD Name ▶

Hide Field Name ▲

FIELD Shape_Length ▶

FIELD DESCRIPTION

Length of feature in internal units.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

Hide Field Shape_Length ▲

FIELD Shape_Area ▶

FIELD DESCRIPTION

Area of feature in internal units squared.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

[Hide Field Shape_Area ▲](#)

FIELD Area_sq_m ▶

[Hide Field Area_sq_m ▲](#)

FIELD Len_m ▶

[Hide Field Len_m ▲](#)

FIELD IS_ACTIVE ▶

[Hide Field IS_ACTIVE ▲](#)

FIELD IS_DELETED ▶

[Hide Field IS_DELETED ▲](#)

FIELD Source ▶

[Hide Field Source ▲](#)

FIELD Source_ID ▶

[Hide Field Source_ID ▲](#)

[Hide Details for object AMRD_proposed_2016_inshore_reefs ▲](#)

[Hide Fields ▲](#)

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 2016-02-03

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-04-25 15:02:50

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Wildlife and Sport Fish Restoration Program
ORGANIZATION'S NAME U.S. Fish and Wildlife Service Headquarters
CONTACT'S ROLE user

CONTACT INFORMATION ►

ADDRESS

TYPE postal
DELIVERY POINT 5275 Leesburg Pike MS: WSFR
CITY Falls Church
ADMINISTRATIVE AREA VA
POSTAL CODE 22041-3803
COUNTRY US

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼