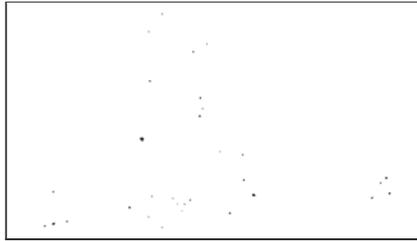


Alabama Inshore Reefs Permit Area

Shapefile



Tags

AMRD, Alabama Inshore Artificial Reefs, Mobile Bay

Summary

The Inshore_Reefs file was created by Alabama Marine Resources Division (AMRD) to provide the location and extent of reefs that comprise the Alabama inshore artificial reef program. The file provides the reef name and area (acres) within each reef. This file is intended to help with planning for future enhancement activity within the reefs and to help with planning for additional artificial reef activity within Alabama.

Description

The inshore_reefs file provides the permitted extent (USACE Section 10 Permit for use of water bottoms) of each reef, the reef name, and the area (in acres). The permitted extent of each reef does not indicate the area that actually contains reefing material, only the entire area in which AMRD is legally allowed to place reefing material. AMRD commonly utilizes roadway culverts, concrete manhole junction boxes, concrete pilings, and large/small limestone rock for inshore artificial reef creation and enhancement. The smaller limestone material is typically used in places where oyster reefs have been found; conversely the larger material is typically placed in areas where oysters historically have not been harvested.

Credits

There are no credits for this item.

Use limitations

There are no access and use limitations for this item.

Extent

West -88.300508 **East** -87.488926
North 30.667794 **South** 30.229837

Scale Range

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

ArcGIS Metadata ►

Citation ►

TITLE Alabama Inshore Reefs Permit Area

ALTERNATE TITLES AMRD Inshore Artificial Reefs
CREATION DATE 2015-08-01 00:00:00

PRESENTATION FORMATS digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Russell Rigby
ORGANIZATION'S NAME Alabama Marine Resources Division
CONTACT'S POSITION GIS Specialist
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

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ADMINISTRATIVE AREA Alabama
POSTAL CODE 36528
COUNTRY US
E-MAIL ADDRESS russell.rigby@dcnr.alabama.gov

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going
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

DESCRIPTION

Alabama Coastal Waters including Mobile Bay, Mississippi Sound, Bon Secour Bay, Perdido Bay and surrounding waters

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

WEST LONGITUDE -88.300508
 EAST LONGITUDE -87.488926
 NORTH LATITUDE 30.667794
 SOUTH LATITUDE 30.229837
 EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

BEGINNING DATE 2015-08-01 00:00:00
 ENDING DATE 2016-04-12 00:00:00

[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 ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

TIME PERIOD BETWEEN UPDATES

TIME DURATION When new artificial reefs are permitted through USACE

[Hide Resource Maintenance ▲](#)

Spatial Reference ►

REFERENCE SYSTEM IDENTIFIER

VALUE 32616

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 32

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'S ROLE user

CONTACT INFORMATION ▶**PHONE**

VOICE 303-275-2344

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POSTAL CODE 80022

COUNTRY US

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTION FORMAT

NAME Shapefile

TRANSFER OPTIONS

TRANSFER SIZE 0.018

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [Inshore_Reefs_permit_area ►](#)

DEFINITION SOURCE

ESRI

DEFINITION

Arbitrary field created by ArcMap when the file was created.

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 ►

FIELD DESCRIPTION

Arbitrary field created by ArcMap when the file was created

DESCRIPTION SOURCE

ESRI

[Hide Field Id ▲](#)

FIELD Reef_Name ►

FIELD DESCRIPTION

The name given to the artificial reef.

DESCRIPTION SOURCE

AMRD

[Hide Field Reef_Name ▲](#)

FIELD Area ►

FIELD DESCRIPTION

Area of the permitted reef in acres

DESCRIPTION SOURCE

ESRI

[Hide Field Area ▲](#)

FIELD sub_name ►

FIELD DESCRIPTION

One reef has two portions, A and B so this category was created to provide that distinction

DESCRIPTION SOURCE

AMRD

[Hide Field sub_name ▲](#)

FIELD Alias ►

FIELD DESCRIPTION

Additional Name that has been provided for the artificial reef.

DESCRIPTION SOURCE

AMRD

[Hide Field Alias ▲](#)

FIELD Latitude ►

[Hide Field Latitude ▲](#)

FIELD Longitude ►

Hide Field Longitude ▲

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 Inshore_Reefs_permit_area ▲

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 2016-04-12

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

Hide Metadata Details ▲

Metadata Contacts ►

METADATA CONTACT
 INDIVIDUAL'S NAME Russell Rigby
 ORGANIZATION'S NAME Alabama Marine Resources Division
 CONTACT'S POSITION GIS Specialist
 CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

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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 ►

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CITY Falls Church
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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) ▼