Identification_Information:
  Citation:
    Citation_Information:
      Originator: National Coastal Data Development Center
      Publication_Date: Unpublished material
      Title: gulf_stur_CH_unit8-14_po
      Geospatial_Data_Presentation_Form: vector digital data
      Online_Linkage: \\SERO-NOVELL-4\DATA1\GIS\ESRI CATALOG\ARCDATA\PRODUCTS
\Distribution\gulf_stur_CH_unit8-14_po.shp
  Description:
    Abstract: These data represent the critical habitat for Gulf Sturgeon as designated by Federal Register
Vol. 68, No. 53, Wednesday, March 19, 2003, Rules and Regulations.
    Purpose: The purpose of these data is to visually represent the critical habitat areas for GIS analysis
and display.
  Time_Period_of_Content:
    Time_Period_Information:
      Single_Date/Time:
        Calendar_Date: 20031224
        Time_of_Day: 1000
    Currentness_Reference: ground condition
  Status:
    Progress: Complete
    Maintenance_and_Update_Frequency: As needed
  Spatial_Domain:
    Bounding_Coordinates:
      West_Bounding_Coordinate: -90.154260
      East_Bounding_Coordinate: -83.047743
      North_Bounding_Coordinate: 30.582624
      South_Bounding_Coordinate: 29.065157
  Keywords:
    Theme:
      Theme_Keyword_Thesaurus: None
      Theme_Keyword: Gulf Sturgeon
      Theme_Keyword: Acipenser oxyrinchus desotoi
      Theme_Keyword: Critical Habitat
      Theme_Keyword: Endangered Species
      Theme_Keyword: GIS
    Place:
      Place_Keyword_Thesaurus: None
      Place_Keyword: Gulf of Mexico
      Place_Keyword: Louisiana
      Place_Keyword: Mississippi

      Place_Keyword: Alabama
      Place_Keyword: Florida
      Place_Keyword: Lake Pontchartrain
      Place_Keyword: Lake Borgne
      Place_Keyword: Mississippi Sound
      Place_Keyword: Pensacola Bay
      Place_Keyword: Santa Rosa Sound
      Place_Keyword: Near shore Gulf of Mexico
      Place_Keyword: Choctawhatchee Bay
      Place_Keyword: Apalachicola Bay
      Place_Keyword: Suwannee Sound
  Access_Constraints: None
  Use_Constraints: Users be advised that the accuracy of this data set is completely dependent upon the
accuracy of the shoreline data used in the creation process. Also be advised that the Colreg Demarcation
lines used in the delineation of boundaries are the best estimate possible given the available source data.
For more details on this process, see the process description. The text description in 68 FR 13370 is
always the one, true definition of Gulf sturgeon critical habitat. These or any other depictions are for
information purposes only and shouldn't be relied on for regulatory purposes.
  Point_of_Contact:
    Contact_Information:
      Contact_Organization_Primary:
        Contact_Organization: National Coastal Data Development Center (NCDDC)
        Contact_Person: Chris Henton
      Contact_Position: GIS Analyst/Metadata Specialist
      Contact_Address:
        Address_Type: mailing and physical address
        City: Stennis Space Center
        State_or_Province: MS
        Postal_Code: 39529
        Country: USA
      Contact_Voice_Telephone: 228-688-2354
      Contact_Facsimile_Telephone: 228-688-2968
      Contact_Electronic_Mail_Address: chris.henton@noaa.gov
      Hours_of_Service: Monday - Friday, 8:00am - 5:00pm
  Native_Data_Set_Environment: Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2;
ESRI ArcCatalog 9.1.0.722
Data_Quality_Information:
  Logical_Consistency_Report: Not Applicable
  Completeness_Report: Complete Pending NMFS PRD Review
  Lineage:
    Process_Step:
      Process_Description: The base shoreline data set used in this process was the Coastal Assessment
Framework shapefile from NOAA/NOS/SPO. Additional reference data sets included Mr SID CIR

Imagery of the Lake Pontchartrain Causeway from www.atlas.lsu.edu, TIGER Line shapefiles of roads in Louisiana and Florida from www.geographynetwork.com and road and railroad shapefiles in Mississippi from MARIS. Maptech's Digital Chart Kit, Regions 8 and 17 featuring NOAA Digital Charts and a text description of the 72 COLREGS Demarcation lines from www.navcen.uscg.gov/mwv/regulations/33CFR080/33CFR80_GCD08.htm were also used. These additional layers were used to designate boundaries on individual units as dictated by the critical habitat designations described in the Federal Register Document.Inland units were created by digitizing a polygon slightly larger than the water body it represented. The new polygons were then "edit clipped" to the shoreline to exactly match the shoreline. In areas where the entire water body was not included, the boundaries were drawn following the feature described in Federal Register document. (Ex. The Lake Pontchartrain Causeway was digitized from the Mr SID's and used as the western boundary of the polygon. Bays with adjacent rivers or bayous that were excluded had their boundaries created by drawing a straight line across the river's mouth as dictated by the Document.) Every effort was made to exclude features at locations consistent with the descriptions in the Document.Near shore units were created by creating a 1 nautical mile buffer of the coastline (9nm in the case of the Suwannee Sound) or barrier island as indicated by the Document. The seaward side of these buffers was used as the southern boundary of the units. For the passes between islands, line segments were digitized to represent the 72 COLREGS Demarcation lines and 1 nautical mile buffers were created from those lines. Those buffers were merged with the buffers of the islands to complete the southern boundaries of the units. Every effort was made to accurately follow the descriptions of the 72 COLREGS lines. Whenever coordinates were used in the description, those coordinates were used in the creation of the buffers. When no coordinates were given, the lines/buffers were created by following the descriptions in the text.The Maptech software was used primarily as a guide to locate areas by name. The digital charts were also useful for accuracy evaluation in placement of the 72 COLREGS lines, as they were visible on the charts and could be compared to the lines digitized from text descriptions.

    Source_Used_Citation_Abbreviation: Fish and Wildlife Service (FWS), Department of the Interior and National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce - Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the Gulf Sturgeon, [Docket No.; I.D> 020522156-3051-02]

    Process_Date: 20031223

    Process_Contact:

     Contact_Information:

      Contact_Organization_Primary:

       Contact_Organization: National Coastal Data Development Center (NCDDC)

       Contact_Person: Chris Henton

      Contact_Position: GIS Analyst/Metadata Specialist

      Contact_Address:

       Address_Type: mailing and physical address

       City: Stennis Space Center

       State_or_Province: MS

       Postal_Code: 39529

       Country: USA

      Contact_Voice_Telephone: 228-688-2354

        Contact_Facsimile_Telephone: 228-688-2968
        Contact_Electronic_Mail_Address: chris.henton@noaa.gov
        Hours_of_Service: Monday - Friday, 8:00am - 5:00pm
    Process_Step:
      Process_Description: Metadata imported.
      Source_Used_Citation_Abbreviation: C:\Mandy\nesdis_data\GSturg_Crit_Hab_Units_1-8_Rev.xml
    Process_Step:
      Process_Description: Dataset copied.
      Source_Used_Citation_Abbreviation: Q:\ARCDATA\GEODATA\USA\SE_Region
\gulf_stur_CH_unit8-14_po
    Process_Step:
      Process_Description: Dataset copied.
      Source_Used_Citation_Abbreviation:
Spatial_Data_Organization_Information:
  Direct_Spatial_Reference_Method: Vector
  Point_and_Vector_Object_Information:
    SDTS_Terms_Description:
      SDTS_Point_and_Vector_Object_Type: G-polygon
      Point_and_Vector_Object_Count: 7
Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
    Geographic:
      Latitude_Resolution: 0.000000
      Longitude_Resolution: 0.000000
      Geographic_Coordinate_Units: Decimal degrees
    Geodetic_Model:
      Horizontal_Datum_Name: D_WGS_1984
      Ellipsoid_Name: WGS_1984
      Semi-major_Axis: 6378137.000000
      Denominator_of_Flattening_Ratio: 298.257224
Entity_and_Attribute_Information:
  Detailed_Description:
    Entity_Type:
      Entity_Type_Label: gulf_stur_CH_unit8-14_po
      Entity_Type_Definition: Critical Habitat Units 8-14 (Coastal) for Gulf Sturgeon
      Entity_Type_Definition_Source: NCDDC
    Attribute:
      Attribute_Label: FID
      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: Coordinates defining the features.
      Attribute:
        Attribute_Label: Unit_Num
        Attribute_Definition: Number of Critical Habitat Unit as described in the Federal Register.
        Attribute_Definition_Source: NCDDC
        Attribute_Domain_Values:
          Unrepresentable_Domain: Critical Habitat Unit Number
      Attribute:
        Attribute_Label: Name
        Attribute_Definition: Name of physical location of designated unit
        Attribute_Definition_Source: NCDDC
        Attribute_Domain_Values:
          Unrepresentable_Domain: Name used for identification purposes
      Attribute:
        Attribute_Label: Name_2
        Attribute_Definition: Assigned Unit Number used for label purposes
        Attribute_Definition_Source: NCDDC
        Attribute_Domain_Values:
          Unrepresentable_Domain: Critical Habitat Unit Number
      Attribute:
        Attribute_Label: Label
Distribution_Information:
  Resource_Description: Downloadable Data
  Standard_Order_Process:
    Digital_Form:
      Digital_Transfer_Information:
        Transfer_Size: 0.102
Metadata_Reference_Information:
  Metadata_Date: 20060803
  Metadata_Contact:
    Contact_Information:
      Contact_Organization_Primary:
        Contact_Organization: National Coastal Data Development Center (NCDDC)
        Contact_Person: Chris Henton
      Contact_Position: GIS Analyst/Metadata Specialist
      Contact_Address:
        Address_Type: mailing and physical address
        City: Stennis Space Center
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Contact_Electronic_Mail_Address: chris.henton@noaa.gov
Hours_of_Service: Monday - Friday, 8:00am - 5:00pm
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
  Online_Linkage: http://www.esri.com/metadata/esriprof80.html
  Profile_Name: ESRI Metadata Profile
Metadata_Extensions:
  Online_Linkage: http://www.esri.com/metadata/esriprof80.html
  Profile_Name: ESRI Metadata Profile