

05-112.met

Identifi cation_Inf ormati on:

Citati on:

Citati on_Inf ormati on:

Originator: U. S. Army Corps of Engineers, Jacksonville

District(comp.)

Publi cation_Date: 20070108

Publi cation_Time: Unknown

Title: AIWW, Fernandina to St. Johns River, 12-Foot Project

Cuts 7 thru 27C

Editi on: 05-112 FY05 Pl ans & Speci fi cation Survey

Geospati al_Data_Presentati on_Form: map

Publi cation_Inf ormati on:

Publi cation_Pl ace: U. S Army Corps of Engi nners

Jacksonville District

Publi sher: U. S. Army Corps of Engi nners,

Jacksonville District, Constructi on-Operati ons

Descripti on:

Abstract:

Hydrographi c survey data was collected at 100 foot station intervals perpendicular to the centerline of the channel. The survey was performed using Coastal Oceanographi cs, Hypack software, Di fferenti al GPS USCG Navbeacon System as the reference site for horizontal position.

Verti cal

depths was collected using a Ross Smart Sounder Depth Recorder with a 200 KHZ, High Frequency Transducer. This survey meets or exceed all survey accuracy performance standards, quality control, and quality assurance requirements in accordance with USACE EM 1110-2-1003, Hydrographi c Surveyi ng, 1 Jan 02.

Purpose:

Pl ans & Speci fi cations for Maintenance Dredgi ng to maintain Federal Authorized Channel Depths

Suppl ementi al_Inf ormati on: Thi s data set consists of 17 sheets at a

scale of 1" = 100'.

Time_Period_of_Content:

Time_Period_Inf ormati on:

Range_of_Dates/Ti mes:

Beginni ng_Date: 20051105

Endi ng_Date: 20051123

Currentness_Reference: Ground Condi ti on

Status:

Progress: Complete

Mai ntenance_and_Update_Frequency: As needed

Spati al_Domai n:

Boundi ng_Coordi nates:

West_Boundi ng_Coordi nate: -081.453870

East_Boundi ng_Coordi nate: -081.468842

North_Boundi ng_Coordi nate: +30.421053

South_Boundi ng_Coordi nate: +30.541054

Keywords:

Theme:

Theme_Keyword_Thesaurus: Tri - Service Spati al Data Standard

Theme_Keyword: Hydrography

Pl ace:

Pl ace_Keyword_Thesaurus: Geographi c Names Inf ormati on System

Pl ace_Keyword: Fl ori da

Pl ace_Keyword: Nassau County

Pl ace_Keyword: AIWW

Access_Constrai nts: None

Use_Constrai nts:

The data represents the results of data collecti on/processi ng for a speci fi c U. S. Army Corps of

05-112.met

Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Jacksonville District, Construction-Operation Division

Contact_Organization: U. S. Army Corps of Engineer

Contact_Person: Brain K. Brodehl

Contact_Position: Chief, Hydrographic Survey Section

Contact_Address:

Address_Type: mailing address

Address:

U. S. Army Corps of Engineers,
Jacksonville District CO-OH
701 San Marco Blvd

City: Jacksonville

State_or_Province: Florida

Postal_Code: 32207-8175

Country: USA

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Contact_Facsimile_Telephone: 904-232-3696

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brain.k.brodehl@saj02.usace.army.mil

Hours_of_Service: Any Time

Data_Set_Credit:

U. S. Army Corps of Engineers, Jacksonville District,
Construction-Operation Division, Operation Branch,
Hydrographic Survey Section

Security_Information:

Security_Handling_Description: n/a

Security_Classification: Other

Security_Classification_System: n/a

Native_Data_Set_Environment:

Data collection and editing using Coastal Oceanographics
Hypack Software and Mapped using Bentley Microstation.

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Point

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Grid_Coordinate_System:

Grid_Coordinate_System_Name: State Plane Coordinate

System 1927

State_Plane_Coordinate_System:

SPCS_Zone_Identifier: 0901

Transverse_Mercator:

Scale_Factor_at_Central_Meridian:

0.9999411765

Longitude_of_Central_Meridian:

-081.000000

Latitude_of_Projection_Origin:

+24.200000

False_Easting: 500000

False_Northing: 0m

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.01

Ordinate_Resolution: 0.01

Planar_Distance_Units: Survey Feet

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Geodetic_Model :

Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866
Semi-major_Axis: 6378206.4 m
Denominator_of_Flattening_Ratio: 294.98

Vertical_Coordinate_System_Definition:

Altitude_System_Definition:

Altitude_Datum_Name: National Geodetic Vertical Datum of

1929

Altitude_Resolution: 0.0

Altitude_Distance_Units: Feet

Altitude_Encoding_Method: Explicit elevation coordinate

included with horizontal coordinates

Depth_System_Definition:

Depth_Datum_Name: NGVD 1929 with Mean Low Water Datums
(-1.94' or -2.29' or -2.10') applied

Depth_Resolution: 0.1

Depth_Distance_Units: Feet

Depth_Encoding_Method: Explicit depth coordinate included

with horizontal coordinates

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Jacksonville District, Construction-Operation Division

Contact_Person: Brian K. Brodehl

Contact_Position: Chief, Hydrographic Survey Section

Contact_Address:

Address_Type: mailing and physical address

Address:

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Contact_Facsimile_Telephone: 904-232-3696

Contact_Electronic_Mail_Address:

brian.k.brodehl@saj02.usace.army.mil

Hours_of_Service: Any Time

Contact_Instructions: n/a

Resource_Description: Survey 05-112

Distribution_Liability:

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: DGN

File_Decompression_Technique: No compression applied

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name:

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www.saj.usace.army.mil/hydroSurvey/hydro.htm
Access_Instructions:
www.saj.usace.army.mil/hydroSurvey/hydro.htm
Fees: N/A
Metadata_Reference_Information:
Metadata_Date: 20070108
Metadata_Review_Date: 20070109
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineer
Jacksonville District, Construction-Operation Division
Contact_Person: Brian K. Brodehl
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Contact_Electronic_Mail_Address:
brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time
Contact_Instructions: n/a
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial
Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: Local time
Metadata_Access_Constraints: None
Metadata_Use_Constraints:
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other than its intended purpose.
Metadata_Security_Information:
Metadata_Security_Handling_Description: n/a
Metadata_Security_Classification: Other
Metadata_Security_Classification_System: n/a