

08. 050. met

Identification_Information:

Citation:

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District (COMP)

Originator: U. S. Army Corps of Engineers Jacksonville

Publication_Date: 20080205

Title: Ft. Pierce, St. Lucie County, Florida

Edition: 08-050 PCS

Geospatial_Data_Presentation_Form: map

Publication_Information:

Publication_Place: U. S. Army Corps of Engineers

Jacksonville District

Publisher: U. S. Army Corps of Engineers Jacksonville

District

Description:

Abstract:

Elevations are in feet and tenths and refer to Mean Lower Low Water (MLLW) which is 2.63 feet below North American Vertical Datum 1988 (NAVD 88). All elevations are below the chart datum unless preceded by a (+) sign. Tidal reductions were made from a staff set on dock piling at Sea Tern condo in the vicinity of benchmark "fh-14". Plane coordinates are based on the Transverse Mercator projection for the east zone of Florida and referenced to North American Datum of 1983 (NAD83). All azimuths are grid; reckoned clockwise from south. All stationing refers to the centerline of the channel. Survey was performed using differential GPS for positioning and utilizing the USCG Navbeacon system as the reference site. Vertical measurements were made using a Reson Multi-beam echo sounder with a 200khz (high frequency) hull-mounted transducer.

vessel	date of survey	cut
Florida	26-28 Jan 2008	cuts 1, 2 &

T. B.

Aids to navigation were located during this survey. The information depicted on this map represents the results of surveys made on the dates indicated above and can only be considered as indicating the general conditions at that time. This chart is solely for the distribution of

available

depths and is not to be used for navigation. Survey accuracy performance standards, quality control, and quality assurance requirements were followed during this survey in accordance with USACE EM 1110-2-1003, Hydrographic Surveying, 1 Jan 02.

Purpose:

Post Construction Surveys are required per Florida Department of Environmental Protection permit under the Physical Monitoring Plan (22 December 2006)

Supplemental_Information:

This Data Set Consist of A Cover Sheets and 8 Plans 200'

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20080126

Ending_Date: 20080128

Currentness_Reference: Ground Condition

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Status:

Progress: Complete
Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:
West_Bounding_Coordinate: +080. 766788
East_Bounding_Coordinate: +080. 766705
North_Bounding_Coordinate: +27. 450042
South_Bounding_Coordinate: +27. 450037

Keywords:

Theme:
Theme_Keyword_Thesaurus: Tri - Service Spatial Data Standard
Theme_Keyword: Hydrography

Place:
Place_Keyword_Thesaurus: Geographic Names Information System
Place_Keyword: Florida
Place_Keyword: Ft. Pierce
Place_Keyword: St. Lucie County

Access_Constraints: None

Use_Constraints:

The data represents the results of data collection/processing for a specific U.S. Army Corps of 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:
Contact_Organization: U.S. Army Corps of Engineers
Jacksonville District Construction Operation Division
Contact_Person: Brian K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
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Address_Type: mailing and physical address
Address:
U.S. Army Corps of Engineers
Jacksonville District CO-OH
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State_or_Province: Florida
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Country: USA
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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

Data_Set_Credit:

U.S. Army Corps of Engineer 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:

Collect with and edited using HyPack data acquisition
software Processed and Mapped using Bentley Microstation

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Spatial_Data_Organization_Information:

 Direct_Spatial_Reference_Method: Point

 Point_and_Vector_Object_Information:

 SDTS_Terms_Description:

 SDTS_Point_and_Vector_Object_Type: Point

Spatial_Reference_Information:

 Horizontal_Coordinate_System_Definition:

 Planar:

 Grid_Coordinate_System:

 Grid_Coordinate_System_Name: State Plane Coordinate

System 1983

 State_Plane_Coordinate_System:

 SPCS_Zone_Identifier: 901

 Transverse_Mercator:

 Scale_Factor_at_Central_Meridian:

. 9999411765

 Longitude_of_Central_Meridian:

-081. 000000

 Latitude_of_Projection_Origin:

+24. 200000

 False_Easting: 656166. 67ft

 False_Northing: 0. 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

Geodetic_Model :

 Horizontal_Datum_Name: North American Datum of 1983

 Ellipsoid_Name: Geodetic Reference System 80

 Semi-major_Axis: 6378137 M

 Denominator_of_Flatening_Ratio: 298. 257223563

Vertical_Coordinate_System_Definition:

 Altitude_System_Definition:

 Altitude_Datum_Name: North American Vertical Datum of 1988

 Altitude_Resolution: 0. 0

 Altitude_Distance_Units: Feet

 Altitude_Encoding_Method: Explicit elevation coordinate

included with horizontal coordinates

 Depth_System_Definition:

 Depth_Datum_Name: Mean Lower Low water

 Depth_Resolution: 0. 0

 Depth_Distance_Units: Feet

 Depth_Encoding_Method: Explicit depth coordinate included

with horizontal coordinates

Distribution_Information:

 Distributor:

 Contact_Information:

 Contact_Person_Primary:

 Contact_Person: Brian K. Brodehl

 Contact_Organization: USACE

 Contact_Position: Chief, Hydrographic Survey Section

 Contact_Address:

 Address_Type: mailing and physical address

 Address: 701 San Marco BLVD

 City: Jacksonville

 State_or_Province: Florida

 Postal_Code: 32207-8175

 Country: USA

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Contact_Facsimile_Telephone: 904-232-7696
Contact_Electronic_Mail_Address:
brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: any
Contact_Instructions: n/a
Resource_Description: Survey 08-050
Distribution_Liability:
The data represents the results of data collection/processing for a specific U.S. Army Corps of 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.

Metadata_Reference_Information:
Metadata_Date: 20070731
Metadata_Review_Date: 20070731
Metadata_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Brian K. Brodehl
Contact_Organization: CESAJ-CO-OH
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
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City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
Country: USA
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Contact_Facsimile_Telephone: 904-232-9676
Contact_Electronic_Mail_Address:

BRIAN.K.BRODEHL@SAJ02.USACE.ARMY.MIL
Hours_of_Service: ANY
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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