



## St\_Lucie\_Canal\_01-092.met

### Identification\_Information:

#### Citation:

##### Citation\_Information:

Originator: EMC, Inc.(comp.)

Originator: U.S. Army Engineer District, Jacksonville(ed.)

Publication\_Date: Unpublished material

Publication\_Time: Unknown

Title: St. Lucie Canal, C-44, 8-Foot Project, Project Condition Survey

Edition: Survey No. 01-092

Geospatial\_Data\_Presentation\_Form: map

Online\_Linkage: <http://www.saj.usace.army.mil/conops/navigation/surveys/Hydro.htm>

#### Description:

##### Abstract:

Information depicted is a hydrographic survey of the St. Lucie Canal, (C-44), Palm Beach County, Florida. Hydrographic survey is performed to Class I Hydrographic Survey Standards IAW (EM) 1110-2-1003. Survey runs from the Port Mayaca Lock to the St. Lucie Lock.

##### Purpose:

Hydrographic Surveys are required for Design; Construction; Operations and Maintenance of Civil Transportation & Water Resources Projects and to provide Navigation information to users of the Waterway.

Supplemental\_Information: This survey consists of 42 sheets.

#### Time\_Period\_of\_Content:

##### Time\_Period\_Information:

##### Range\_of\_Dates/Times:

Beginning\_Date: 20010430

Ending\_Date: 20010503

Currentness\_Reference: Ground Condition

#### Status:

Progress: Complete

Maintenance\_and\_Update\_Frequency: As needed

#### Spatial\_Domain:

##### Bounding\_Coordinates:

West\_Bounding\_Coordinate: -080.20000

East\_Bounding\_Coordinate: -080.0666666  
North\_Bounding\_Coordinate: +25.800000  
South\_Bounding\_Coordinate: +28.7333333

Keywords:

Theme:

Theme\_Keyword\_Thesaurus: Tri - Service Spatial Data Standard  
Theme\_Keyword: Geodetic/Cadastral

Place:

Place\_Keyword\_Thesaurus: Geographic Names Information System  
Place\_Keyword: Florida  
Place\_Keyword: Palm Beach County  
Place\_Keyword: St. Lucie Canal  
Place\_Keyword: Port Mayaca

Access\_Constraints: None

Use\_Constraints:

These data were compiled for Government use and represent the results of data collection/processing for a specific U.S. Army Corps of Engineers (USACE) activity. The USACE makes no representation as to the suitability or accuracy of these data for any other purpose and disclaims any liability for errors that the data may contain. As such, it is only valid for its intended use, content, time, and accuracy specifications. While there are no explicit constraints on the use of the data, please exercise appropriate and professional judgment in the use and interpretation of these data.

Point\_of\_Contact:

Contact\_Information:

Contact\_Organization\_Primary:  
Contact\_Organization: U.S. Army Engineer District, Jacksonville  
Contact\_Person: Son Vu  
Contact\_Position: Chief, Survey Section  
Contact\_Address:  
Address\_Type: mailing address  
Address:  
U.S. Army Engineer District,  
Jacksonville  
P.O. Box 4970  
CESAJ-EN-DT  
City: Jacksonville  
State\_or\_Province: Florida  
Postal\_Code: 32232-0019  
Country: USA  
Contact\_Voice\_Telephone: 904-232-1606  
Contact\_Facsimile\_Telephone: 904-232-2369

Native\_Data\_Set\_Environment: Bentley Microstation

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: .9999412000

Longitude\_of\_Central\_Meridian: -081.000000

Latitude\_of\_Projection\_Origin: +24.333333

False\_Easting: 500000.000

False\_Northing: 0.000

## Planar\_Coordinate\_Information:

Planar\_Coordinate\_Encoding\_Method: coordinate pair

## Coordinate\_Representation:

Abscissa\_Resolution: .001

Ordinate\_Resolution: .001

Planar\_Distance\_Units: Survey Feet

## Geodetic\_Model:

Horizontal\_Datum\_Name: North American Datum of 1927

Ellipsoid\_Name: Clarke 1866

Semi-major\_Axis: 63788206.4

Denominator\_of\_Flattening\_Ratio: 294.9786982

## Vertical\_Coordinate\_System\_Definition:

## Depth\_System\_Definition:

Depth\_Datum\_Name: Lake Okeechobee Datum

Depth\_Resolution: 0.1

Depth\_Distance\_Units: Feet

Depth\_Encoding\_Method: Implicit coordinate

## Distribution\_Information:

## Distributor:

## Contact\_Information:

## Contact\_Organization\_Primary:

Contact\_Organization: U.S. Army Engineer District, Jacksonville

Contact\_Position: Chief, Survey Section

## Contact\_Address:

Address\_Type: mailing address

## Address:

U.S. Army Engineer District,

Jacksonville

P.O. Box 4970

CESAJ-EN-DT

City: Jacksonville

State\_or\_Province: Florida

Postal\_Code: 32232-0019

Country: USA

Contact\_Voice\_Telephone: 904-232-1606

Contact\_Facsimile\_Telephone: 904-232-2369

Resource\_Description: COE Survey Number 01-092. D.O.File No. 120-38,212.

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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:

<http://www.saj.usace.army.mil/conops/navigation/surveys/Hydro.htm>

Fees: N/A

**Metadata\_Reference\_Information:**

Metadata\_Date: 20000614

Metadata\_Review\_Date: 20010814

**Metadata\_Contact:****Contact\_Information:****Contact\_Organization\_Primary:**

Contact\_Organization: EMC, Inc.

Contact\_Person: Darron Goss

**Contact\_Address:**

Address\_Type: mailing and physical address

Address: 121 Devon Drive

City: Clearwater

State\_or\_Province: Florida

Postal\_Code: 33767

Country: USA

Contact\_Voice\_Telephone: 727-461-4904

Contact\_Facsimile\_Telephone: 727-461-4838

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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specific U.S. Army Corps of Engineers (USACE) activity. The USACE makes no representation as to the suitability or accuracy of these data for any other purpose and disclaims any liability for errors that the data may contain. As such, it is only valid for its intended use, content, time, and accuracy specifications. While there are no explicit constraints on the use of the data, please exercise appropriate and professional judgment in the use and interpretation of these data.