

07-011.met

Identifi cation\_Inf ormati on:

Citati on:

Citati on\_Inf ormati on:

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

Di stri ct(comp. )

Publi cation\_Date: 20070123

Publi cation\_Time: Unknown

Title: Tampa Hbr, Alafia River 33' -Foot Project FY06

Edi ti on: 07-011 FY06 Project Condi ti on Survey

Geospati al\_Data\_Presentati on\_Form: map

Publi cation\_Inf ormati on:

Publi cation\_Pl ace: U. S Army Corps of Engineers

Jacksonville Di stri ct

Publ i sher: U. S. Army Corps of Engineers,

Jacksonville Di stri ct, Constructi on-Operati ons

Descri pti on:

Abstract:

Elevations are in Feet and Tenths and refer to Mean Lower Low Water (MLLW) which is 0.75 feet below NGVD 1929, 1983-2001 Epoch. All Elevations are below the reference plane unless preceded by a (+) sign. Tidal reductions were made from an Automated Tide Gage set on a dock in the vicinity of the Turning Basin, and referenced from COE benchmark "TH-63". Plane coordinates are based on the Transverse Mercator Projection for the West 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 Echosounder with a 200khz (high frequency) hull-mounted Transducer. Aids to navigation were located during this survey. Sounding text were generated from a 42-foot grid data set. 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: Project Condi ti on Survey Fy06

Suppl emental\_Inf ormati on: This data set consists of 9 sheets at a

scal e of 1" = 100' .

Time\_Period\_of\_Content:

Time\_Period\_Inf ormati on:

Range\_of\_Dates/Ti mes:

Beginni ng\_Date: 20061025

Endi ng\_Date: 20061026

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: -082.452490

East\_Boundi ng\_Coordi nate: -082.385870

North\_Boundi ng\_Coordi nate: +27.863530

South\_Boundi ng\_Coordi nate: +27.826540

Keywords:

Theme:

Theme\_Keyword\_Thesaurus: Tri - Servi ce Spati al Data Standard

Theme\_Keyword: Hydrography

Pl ace:

Pl ace\_Keyword\_Thesaurus: Geographi c Names Inf ormati on System

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Place\_Keyword: Florida  
Place\_Keyword: Hillsborough County  
Place\_Keyword: Tampa Hbr  
Place\_Keyword: Hillsborough Bay  
Place\_Keyword: Alafia River

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:

Jacksonville District, Construction-Operation Division

Contact\_Organization: U.S. Army Corps of Engineer

Contact\_Person: Brian 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

Contact\_Voice\_Telephone: 904-232-3600

Contact\_Facsimile\_Telephone: 904-232-3696

Contact\_Electronic\_Mail\_Address:

brian.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 1983

State\_Plane\_Coordinate\_System:

SPCS\_Zone\_Identifier: 0902

Transverse\_Mercator:

Scale\_Factor\_at\_Central\_Meridian:

0.9999411765

Longitude\_of\_Central\_Meridian:

-082.000000

Latitude\_of\_Projection\_Origin:

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+24. 200000

False\_Easting: 656166.67

False\_Northing: 0 M

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\_Flattening\_Ratio: 298.25722

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 Lower Low Water Datum

(-0.75') 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:

Contact\_Organization: U. S. Army Corps of Engineers

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:

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

City: Jacksonville

State\_or\_Province: Florida

Postal\_Code: 32207-8175

Country: USA

Contact\_Voice\_Telephone: 904-232-3600

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 07-011

Distribution\_Liability:

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Standard\_Order\_Process:

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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:

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: 20070205

Metadata\_Review\_Date: 20070123

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\_Facsimile\_Telephone: 904-232-3696

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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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Metadata\_Security\_Information:

Metadata\_Security\_Handling\_Description: n/a

Metadata\_Security\_Classification: Unclassified

Metadata\_Security\_Classification\_System: n/a