

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: 20070126

Publi cation\_Time: Unknown

Title: Tampa Hbr, Upper Hillsborough Bay FY04

Edi ti on: 04-001 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 Engi nners

Jacksonvi lle Di stri ct

Publ i sher: U. S. Army Corps of Engi nners,

Jacksonvi lle Di stri ct, Constructi on-Operati ons

Descr i pti on:

Abstract:

Elevations are in Feet and Tenths and refer to Mean Lower Low Water (MLLW) which is 0.95 Feet below NGVD 1929 from Gadsden Point Cut through Cut-C (HB), and 0.99 Feet below NGVD 1929 from Cut-D(HB) through Ybor Channel Cut, including Seddon Channel Cut, and 0.81 Feet below NGVD 1929 from Cut-G thru Cut-K. All elevations are below the reference plane unless preceded by a (+) sign. Tidal reductions were made from multiple Tide Staffs. Refer to Tide Staff and Benchmark tabulation table for Tide Staff Locations and Benchmark Elevations. 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 Ross Smart Sounder Depth Recorder with a 28KHZ (Low Frequency) Transducer for the East Bay Channels and a 200KHZ (High Frequency) Transducer for all other channels.

VESSEL	DATE OF SURVEY	CUT
WB-34	16-18 DEC 2003	CUT-D, SEDDON, LOWER & UPPER SPARKMAN, YBOR, PORT SUTTON, PORT SUTTON TURNING BASIN
WB-34	06-07 JAN 2004	PORT SUTTON TERMINAL CH., EAST BAY, EAST BAY EXT-1, EAST BAY EXT-2
WB-34	13 JAN 2004	GARRISON CHANNEL
FSI	12-13 DEC 2003	CUTS J, J-2, AND K
FSI	14-15 JAN 2004	CUT C
FSI	22 JAN 2004	CUT A & GADSDEN POINT
FSI	27 JAN 2004	CUT G

Aids to Navigation were located during this survey. 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 Fy04

04-001.met

Supplemental\_Information: This data set consists of 54 sheets at a scale of 1" = 100'.

Time\_Period\_of\_Content:

Time\_Period\_Information:

Range\_of\_Dates/Times:

Beginning\_Date: 20031212

Ending\_Date: 20040127

Currentness\_Reference: Ground Condition

Status:

Progress: Complete

Maintenance\_and\_Update\_Frequency: As needed

Spatial\_Domain:

Bounding\_Coordinates:

West\_Bounding\_Coordinate: -082.555353

East\_Bounding\_Coordinate: -082.441827

North\_Bounding\_Coordinate: +27.954635

South\_Bounding\_Coordinate: +27.864759

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: Hillsborough County

Place\_Keyword: Hillsborough Bay

Place\_Keyword: Tampa Harbor

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 Engineer

Jacksonville District, Construction-Operation Division

Contact\_Person: Brian K. Brodehl

Contact\_Position: Chief, Hydrographic Survey Section

Contact\_Address:

Address\_Type: mailing address

Address:

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701 San Marco Blvd

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Postal\_Code: 32207-8175

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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:

04-001.met  
 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:  
 +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  
 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,  
 Page 3

04-001.met

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Hours\_of\_Service: Any Time  
Contact\_Instructions: n/a

Resource\_Description: Survey 04-001

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:

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: 20070126

Metadata\_Review\_Date: 20070126

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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Hours\_of\_Service: Any Time

Contact\_Instructions: n/a

Metadata\_Standard\_Name: FGDC Content Standards for Digital Geospatial

Metadata

04-001.met

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