

Oswego 2013 Metadata

Identification_Information:

Citation:

Citation_Information:

Originator: US ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT,(ed.)

Publication_Date: Unknown

Publication_Time: Unknown

Title: HYDROGRAPHIC SURVEYS, OSWEGO HARBOR 2013

Edition: 2013

Geospatial_Data_Presentation_Form: map

Publication_Information:

Publication_Place: BUFFALO, NY

Publisher: SURVEY SECTION

Description:

Abstract:

The Buffalo District of the Corps of Engineers, with its Survey Section, perform hydrographic surveys on all federally authorized channels within the District's boundaries. These surveys are performed in accordance with USACE Engineering Manual (EM) 1110-2-1003, "Hydrographic Surveying". Every harbor is surveyed at least once a year, called 'Project Condition Soundings'. If there is dredging to be performed, 'Before Contract Dredging Soundings' and 'After Contract Dredging Soundings'.

*****The harbor in this case is Oswego Harbor, Oswego, NY

Type Start date End date

Proj. Con 5/01/2013 5/03/2013

Before Dredge

After Dredge

Soundings were plotted on Microstation V8 XM format.

Any questions, contact the Survey Section at

716-879-4429

Purpose:

The information is gathered for the mapping of the Federal channels in all harbors under the jurisdiction of the Buffalo District of the Corps of Engineers.

Supplemental_Information: This information concerns Oswego Harbor, Oswego, NY

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20130501

Ending_Date: 20130503

Currentness_Reference: Ground Condition

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Status:

Progress: Complete
Maintenance_and_Update_Frequency: Annually

Spatial_Domain:

Bounding_Coordinates:
West_Bounding_Coordinate: -076.53
East_Bounding_Coordinate: -076.50
North_Bounding_Coordinate: +43.46
South_Bounding_Coordinate: +43.48

Keywords:

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

Access_Constraints: None

Use_Constraints:

The information depicted represents the condition of that area at the time of the survey. Any assumptions thereafter are at the users risk/liability

Point_of_Contact:

Contact_Information:
Contact_Person_Primary:
Contact_Organization_Primary:
Contact_Organization: USAED -Buffalo Corps of Engineers
Contact_Position: Survey Unit
Contact_Address:
Address_Type: mailing and physical address
Address:
CELRB-TD-ONS
1776 Niagara St.
City: Buffalo
State_or_Province: New York
Postal_Code: 14207
Country: USA
Contact_Voice_Telephone: 716-879-4429
Contact_Facsimile_Telephone: 716-879-4356
Contact_Electronic_Mail_Address: SURVEY.LRB@LRB01.usace.army.mil
Hours_of_Service: 08:00 - 15:00

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Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

EM 1110-2-1003 Hydrographic Surveying
+/- 0.5 'Overall accuracy as stated in the EM.

Logical_Consistency_Report: None

Completeness_Report: None

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

Trimble 12 channel GPS and Beacon
Receiver Integrated Differential Global Positioning System,+/- 1
meter, As explained in their
manual on their equipment based on their own testing and
calculations, It is also a function of the DOPS from the
satellites at the time of the survey, and the differential
correction from the USCG tower.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report:

soundings were collected by a Ross
Surveyor 960 with Trimble 12 channel GPS and Beacon
Receiver Integrated Differential Global Positioning System
Sonar Heads 200 KHZ 4 Degree and 28 KHZ 24 Degree.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Buffalo District-USACE(ed.)
Publication_Date: Unknown
Publication_Time: Unknown
Title: Hydrographic Survey for Oswego Harbor2013
Edition: 2013
Geospatial_Data_Presentation_Form: map

Type_of_Source_Media: chart

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20130501

Ending_Date: 20130503

Source_Currentness_Reference: Publication Date

Source_Citation_Abbreviation: USAED-Buffalo

Source_Contribution: Buffalo Districts Survey Unit performed all surveys

Process_Step:

Process_Description: Hydrographic Survey

Process_Date: Unknown

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Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Transverse Mercator

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.999375

Longitude_of_Central_Meridian: -076.583300

Latitude_of_Projection_Origin: +40.000000

False_Easting: 250000.0

False_Northing: 0.00

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: .01

Ordinate_Resolution: .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

Denominator_of_Flattening_Ratio: 298.257223563

Vertical_Coordinate_System_Definition:

Depth_System_Definition:

Depth_Datum_Name: Low water datum

Depth_Resolution: 0.1

Depth_Distance_Units: Feet

Depth_Encoding_Method: Implicit coordinate

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: soundings

Entity_Type_Definition: depth of water below datum

Entity_Type_Definition_Source: NOAA

Overview_Description:

Entity_and_Attribute_Overview:

*****Soundings referred Low Water Datum of IGLD1985.

The number is shown on the map as a plus but is actually a minus, or below the datum. Topography shown is based on Aerial Photography acquired from 1998 through 2004 and includes shoreline, paved roads, bridges, buildings, with text associated with each. There are other things in the CADD file for in house use that can be deleted at any time to make the file smaller for archiving purposes.

Entity_and_Attribute_Detail_Citation: Same as overview

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Distribution_Information:

Distributor:

Contact_Information:

Contact_Person_Primary:

Contact_Organization_Primary:

Contact_Organization: USACE- Buffalo

Contact_Position: Survey Unit

Contact_Address:

Address_Type: mailing and physical address

Address:

1776 Niagara St

CELRB-TD-ONS

City: Buffalo

State_or_Province: New York

Postal_Code: 14207

Country: USA

Contact_Voice_Telephone: 716-879-4429

Contact_Facsimile_Telephone: 716-879-4356

Contact_Electronic_Mail_Address: SURVEY.LRB@LRB01.usace.army.mil

Hours_of_Service: 08:00-15:00

Distribution_Liability:

The information depicted is only good on the dates shown on the map. Any inferences made beyond that date is at the users risk/liability.

Standard_Order_Process:

Non-digital_Form:

For a hard copy at a cost of \$2.50 per sheet will be furnished upon receipt of a check in the full amount made USACE Finance and Accounting. Requests should be District Commander, U.S. Army District, NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request.

Digital_Form:

Digital_Transfer_Information:

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Dialup_Instructions:

OffLine_Option:

Recording_Capacity:

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Fees:

\$2.50 per map See Custom Order Process to order or download the same information through the internet and other related materials at no cost.

Custom_Order_Process:

To order copies of maps through the Internet, point your browser to <http://www.lrb.usace.army.mil/waterways/survey/survey.html>. Click on the link "Survey Section". In the subject line, enter the project you are inquiring about. In your message state what information you would like. To download the same information and other related materials at no cost, simply point your web browser to [//www.lrb.usace.army.mil/WhoWeAre/WaterMgmt/survey/survey.html](http://www.lrb.usace.army.mil/WhoWeAre/WaterMgmt/survey/survey.html) click on the year and then locate the harbor on the table of harbors. The data are in the following file formats if posted.

- Adobe Acrobat (.pdf) format. You must have the free Adobe Acrobat reader installed first.
- Adobe Files - for the maps and notice to navigation interest.
- Html Files - for the Metadata files

The digital files are;

- DGN Microstation V8 XM format
- DWG Generated from Microstation V8 XM format

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: Corpsmet 0.97.02.18