

USACE Navigation Portal

Dredging

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River Information Services

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Surveying & Mapping

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Engineering With Nature & Regional Sediment Management

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Marine Transportation System

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Infrastructure & Asset Management

Channel condition surveys, navigation notices, lock closures and schedules of federally authorized navigation channels managed by USACE



Select region on a map...

View all USACE data

Select district from list...

Mobile District

Wilmington District

San Francisco District



Interactive Map Viewer

Locate surveys, notices, and other GIS features on a map



Mobile District Navigation

Hydrographic Surveys

Channel condition surveys of federally authorized navigation channels that are maintained by the U.S. Army Corps of Engineers



Navigation Notices

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Lock Information

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Dredging Schedules

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Navigation Bulletin Board



A 3000 lb. beaver has built a dam in the Black Warrior River around Mile 221. All boats and vessel traffic appears to be rendered to a halt. [See Navigation Notice](#)



Download the [South Atlantic Division Routine Operations and Maintenance Review Plan](#), which defines the requirements, procedures, and specific details of how District Quality Control will be conducted for routine O&M products.



The Asian carp has finally infested the waters of the Tennessee-Tombigbee Waterway. Please note that any electrical current will cause an awesome display.



Interactive Map Viewer

Locate surveys, notices, and other GIS features on a map



Resource Discovery

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Hydrographic Surveys



Find on a Map >

Coastal **Riverine**

Alabama

Bayou Coden

Projects are broken down by state with the listing of the projects under each state, just click on the project name and you will be presented a list of surveys and zoomed-in map.

Survey Subscription

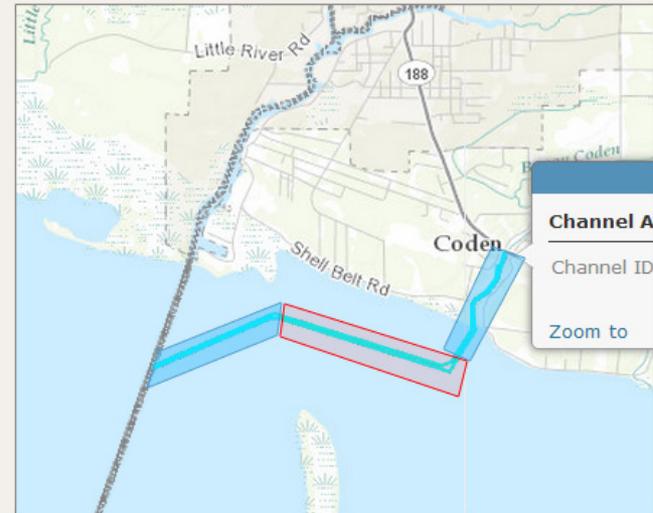
Sign up now free emails when new surveys come online for **Bayou Coden**.

Sign Me Up

Bayou Coden

| Survey Title | Date | Downloads |
|--------------|----------|---|
| 0+00-29+00 | 2/6/2012 | Select...  |
| 29+00-58+00 | 2/6/2013 | PDF  |
| 58+00-87+00 | 2/6/2013 | Select...  |

The Hydrographic Surveys provided by this web site are to be used for informational purposes only and should not be used as a Navigational aid. Channel conditions can change rapidly and the surveys may, or may not be accurate.



USACE District: **Mobile District (SAM)**

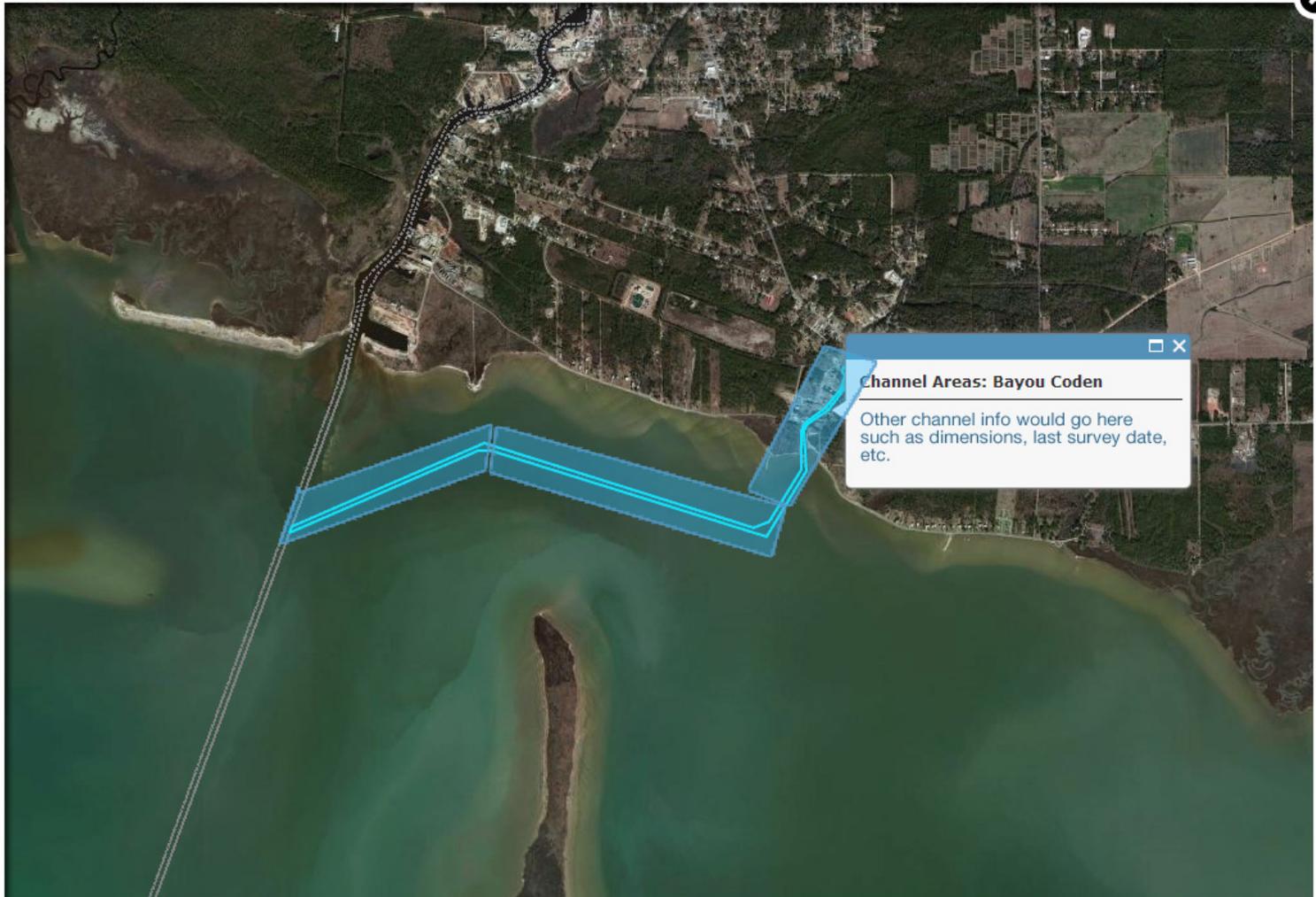
Last Survey Date: **2/6/2012**

Another Label Example: **Whatever Else**

Project Paper Map

Project Synopsis

Project Photo



Channel Areas: Bayou Coden

Other channel info would go here such as dimensions, last survey date, etc.

Close

View Surveys

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Survey uploader module

The image shows a software interface for configuring a survey profile. It features two tabs: "Survey Profile" (active) and "Survey Files". The form contains several input fields and dropdown menus for specifying survey details. At the bottom, there are two buttons: "Save and Continue ..." and "Cancel".

| Field | Value |
|--------------------|---------------------------------|
| Survey Date | 6/17/2013 |
| District | Mobile District |
| Coastal / Riverine | Coastal (selected) |
| Project | Mobile Harbor |
| Channel | Mobile Bar Channel |
| Reach Start | 00000+00 |
| Reach End | 00184+10 |
| Survey Type | Bathymetry |
| Classification | Bathymetric Lidar Survey |
| Map Projection | NAD 1927 SPCS Zone Alabama West |

Survey uploader module

The screenshot displays the 'Survey Files' tab of a software interface. At the top, there are two tabs: 'Survey Profile' and 'Survey Files'. Below the tabs, there are two buttons: 'Add Survey Files' (highlighted in blue) and 'View Uploaded Files'. The main area contains two dropdown menus for 'Reach Start' (set to '00010+00') and 'Reach End' (set to '00044+05'). Below these are four rows of file upload options for different file types: PDF, DGN, ZIP/DXF, and XYZ. Each row has a 'Choose File' button and the text 'No file chosen'. At the bottom of the form, there are two buttons: 'Upload Files' (highlighted in blue) and 'Cancel'.

Survey Profile | Survey Files

[Add Survey Files](#) | [View Uploaded Files](#)

Reach Start: 00010+00

Reach End: 00044+05

PDF: No file chosen

DGN: No file chosen

ZIP/DXF: No file chosen

XYZ: No file chosen



Navigation
Mobile District

HYDROGRAPHIC
SURVEYS



NAVIGATION
NOTICES



LOCK
INFORMATION



DREDGING
SCHEDULES



Navigation Notices





Navigation
Mobile District

HYDROGRAPHIC
SURVEYS



NAVIGATION
NOTICES



LOCK
INFORMATION



DREDGING
SCHEDULES



Lock Information





Navigation
Mobile District

HYDROGRAPHIC
SURVEYS



NAVIGATION
NOTICES



LOCK
INFORMATION



DREDGING
SCHEDULES



Dredging Schedules



NDIF Phases

1. Dredging

- ▶ Development of a Dredging Portal “front end” to the dredging databases—DM, DIS, DQM, and RMS—their connection to the each other, and the portal’s connection to the District’s Navigation and Coastal Data Banks

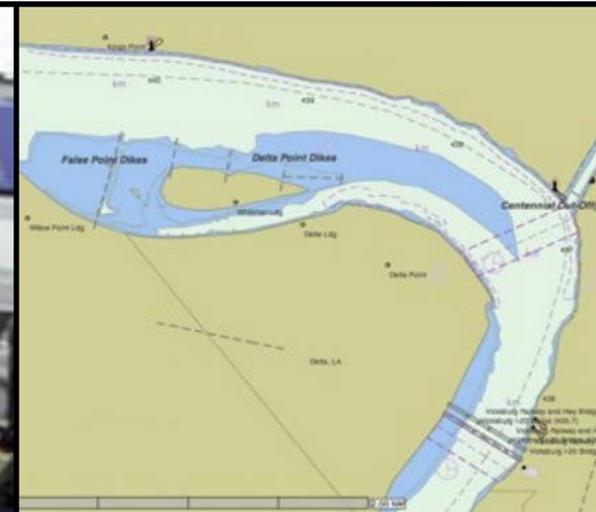
- <http://sam-db02mob-dev.sam.ds.usace.army.mil/Applications/OPJ/N010/DataExplorer>
- <http://ce-dredge.usace.army.mil/>
- <http://www.arcgis.com/home/webmap/viewer.html?webmap=d320812241bd4dde8ecdfbddebea89c6>



River Information Services (RIS)

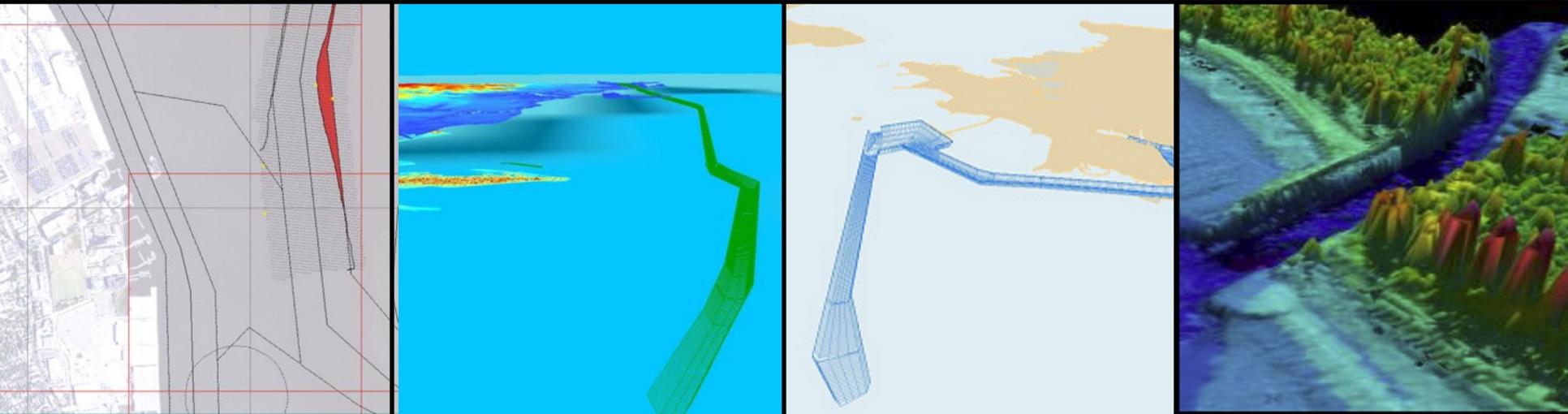
- Consolidated US Coast Guard (USCG) Web Service
- Inland Electronic Navigation Charts (IENC)
- Lock Operations Management Application (LOMA)
- Lock Performance Monitoring System (LPMS)
- Master Docks Plus (MDP)
- Nationwide Automatic Identification System (NAIS)

<https://155.82.164.219/Applications/OPJ/RisViewer/AISQuery.aspx>



Surveying and Mapping

- eHydro Hydrographic Survey
- National Channel Framework (NCF)
- National Coastal Mapping Program (NCMP)/
Joint Airborne Lidar Bathymetry Technical Center of
Expertise (JALBTCX)
- Navigation and Coastal Data Bank (NCDB)



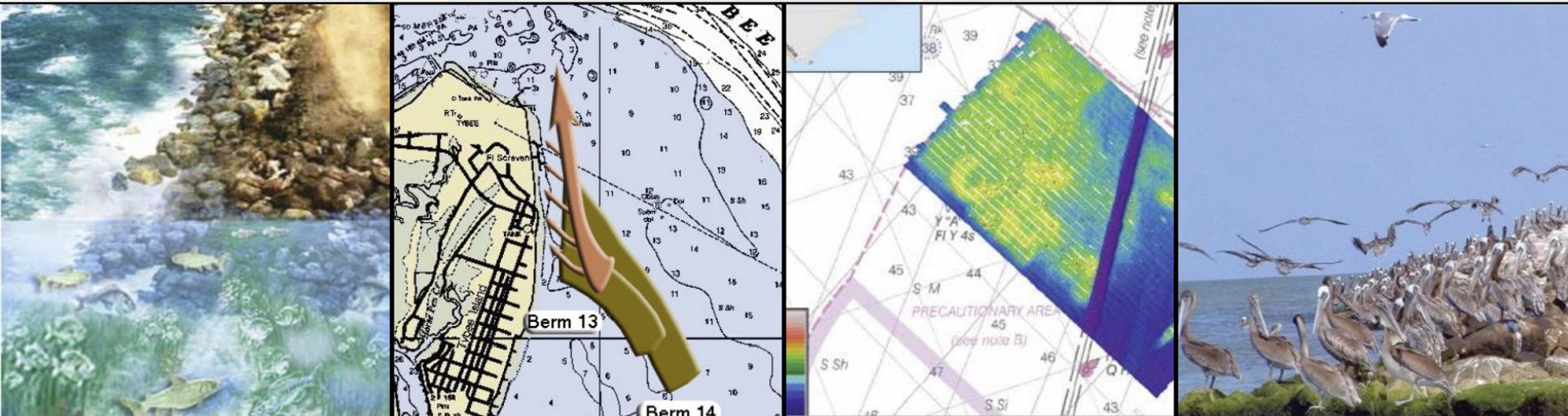
Infrastructure Asset Management

- **Channel Portfolio Tool (CPT)**
- **Coastal Structures Management, Analysis, and Ranking Tool (CSMART)**
- **Enterprise Coastal Inventory Database (ECID)**
- **Lock Characteristics**
- **Master Docks Plus (MDP)**
- **National Coastal Mapping Program (NCMP)/
Joint Airborne Lidar Bathymetry Technical Center of
Expertise (JALBTCX)**
- **Navigation and Coastal Data Bank (NCDB)**
- **Port and Waterways Facilities**

Engineering with Nature & RSM

- Engineering With Nature (EWN)
- Ecosystem Restoration Database
- Civil Works Project Mitigation Database (CWPMDB)

<http://gis2.sam.usace.army.mil/applications/opj/v013/public/viewer.swf>
<http://erbl.usace.army.mil>



Marine Transportation

A large container ship is shown from a front-right perspective, sailing on a blue sea under a clear sky. The ship's deck is filled with stacks of colorful shipping containers in shades of blue, red, and white. The ship's superstructure, including the bridge and various masts, is visible. A semi-transparent white rectangular box is overlaid on the left and center of the image, containing a list of marine transportation data products.

- **Commodity Code Cross Reference File**
- **Flag Master File**
- **Foreign Cargo (Inbound/Outbound)**
- **Foreign Traffic Vessel Entrances and Clearances**
- **Hazardous Commodity Code Cross Reference File**
- **International Classification of Ships by Type (ICST)**
- **Master Docks Plus**
- **Principal Ports of the United States**
- **Schedule K Classification of Foreign Ports**
- **Waterborne Commerce of the United States (WCUS)**