

Part B

LEAD AGENCY/BUREAU AND/OR SUBCOMMITTEE/WORKING GROUP REPORT (Agencies with Lead Responsibilities Assigned under the new Circular A-16 in Appendix E - <http://www.fgdc.gov/publications/a16final.html#appendix>) (Please provide a separate report for each activity for which you have the lead)

1. Program/Activity Name: Transportation Inland Waterway (Marine Transportation)
2. What are the specific federal programs this data supports?
33 CFR – Navigation and Navigable Waters

3. Uses of Data: How does your data benefit customers and support agency missions?

Customers - Hydrographic survey and geospatial channel condition data provides accurate and up-to-date information for navigation planning, Data also supports waterway charts for safety of navigation, and development of electronic navigation technology to enable more efficient use of waterways

Agency – Survey and channel condition data enables construction and operational activities to maintain minimum channel depth and width, and decision support for flood control and environmental analysis.

4. Charter/Plan: Do you have a current charter or plan for collection? If so - please describe (include how recently the charter/plan was implemented and whether it is in need of update).

Data collection is guided by Engineer Regulation 1130-2-520, Dredging and Navigation Operations and Maintenance; and Engineer Manual 1110-2-1003, Hydrographic Surveying; documents specify conditions and authorities under which channel dredging and maintenance is to be performed, and procedures for collection, processing and dissemination of survey data.

The Engineer Manual is to be updated or supplemented with further guidance on production and publication of electronic chart data for the safety of navigation.

5. Metadata Status: Is metadata discoverable and served through the NSDI Clearinghouse? What percentage of this theme's data has metadata and is in a Clearinghouse node?

Some metadata covering general data collection by regional districts is available on <http://corpsgeo.1.usace.army.mil>. More detailed metadata is available on Corps of Engineers District websites, accessible through <http://www.usace.army.mil/who.html#Organized>. Metadata files for Inland Electronic Navigation Charts are posted at www.tec.army.mil/echarts.

6. Standards: What is the status of this theme's data, process, transfer, and classification standards?

The Engineer Manual listed in 4 specifies data collection and processing in detail.

7. Progress: List FY 2002/2003 activities/progress to date (quantify where possible).

Approximately half of all Corps coastal districts serve vector data files with various formats, content and scale (see 14). Approximately 3,200 miles of inland waterways (Mississippi, Ohio, Red, Black Warrior, Tennessee-Tombigbee Rivers) have been charted in international S-57 format and are available to the public at www.tec.army.mil/echarts.

8. Policy: Do you have a formal agency policy in place for full and open access or data sharing? Are you able to fulfill this policy and provide public access with your current agency financial resources as allocated or are you in pursuit of collaborative federal partnerships to support data access?

Engineer Regulation 1110-1-8156 specifies agency policy for geospatial data dissemination; further guidance on electronic navigation chart (ENC) data compilation and publication is under development.

Financial resources have been allocated for ENC data development over approximately ten years; collaborative federal partnerships sought to accelerate development and to coordinate dissemination of similar data products to the public.

9. Are there areas or issues regarding lead responsibilities for spatial data themes that require attention, or lessons-learned that you would like to share with others? Please describe.

The Marine Transportation Standard is part of ANSI 353 and will also be submitted to ANSI with the Transportation Standard.

Coordination for common definition and lead responsibility needed for certain inland waterway features, such as shoreline and river mile markers.