

National Shoreline Data Content Standard

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National Shoreline Data Content Standard

- A Brief History of the Standard Development
- An Overview of the Standard
- Public Review Plan

National Shoreline Data Content Standard: Brief History

- First attempt to develop a National Shoreline Content Standard
 - ❑ 1997 by the MCSD
 - ❑ Challenges
 - ❑ Consensus among stakeholders.
 - ❑ Preponderance of issues.
 - ❑ Shoreline “Turf”
- Result:
 - ❑ Positive step for Shoreline Geospatial Data Development.
 - ❑ Metadata Profile for Shoreline Data –
 - FGDC-STD-001.2-2001
- Progression – Content Standard

National Shoreline Data Content Standard: Overview

- The standard addresses FGDC Expectations.
 - FGDC Scope
 - Technology Independent
 - Supportable
 - Publicly Available
 - Complete and Consistent
 - Future Focused
 - Structured
 - Integrated
 - Evolving
- Identifies current challenges with National Geospatial Shoreline Data.
- The standard provides a content model supporting a variety of shorelines. Development of the model in UML format is planned.

National Shoreline Data Content Standard: Overview

Purpose of the National Shoreline Data Content Standard

- Shoreline is part of NSDI Framework Hydrography theme.
- Provides greater detail and extent than the following standards:
 - ❑ Content Standard for Digital Geospatial Metadata (version 2.0), FGDC-STD-001-1998
 - ❑ Content Standards for Framework Land Elevation Data, March 21, 2005, standard is at FGDC Step 9. Document date January 2000.
 - ❑ IHO Transfer Standard for Digital Hydrographic Data (S-57)
 - ❑ Cadastral Data Content Standard, FGDC-STD-003, 3rd Revision, May 2003
 - ❑ Geographic Information Framework Data Content Standards for Hydrography (ANSI)
- Required modification and harmonizing of the Metadata Profile for Shoreline Data FGDC-STD-001.2-2001
- Enhancement of the Shoreline Framework

National Shoreline Data Content Standard: Overview

Proposal Stage

- Gathered and researched historic and current shoreline issues - October 2003 - March 2004.
- Received guidance and input from the Marine and Coastal Data Subcommittee. (Dave Stein and Tony Lavoie)
- Developed a Project Requirements Document, a Project Plan, and initial project proposal from October 2003-March 2004
- Presented the Proposal to FGDC / SWG in March 2004.
- Approved as a Project by FGDC / SWG in March 2004.

National Shoreline Data Content Standard: Overview

Project Stage and Draft Stage

- March 2004 - April 2005
- Continued to research and gather shoreline subject matter.
- Identified Stakeholders and were proactive in their inclusion.
 - ❑ A call for Participants
 - ❑ Established Participant Roles
 - Standards Development and Modeling Advisory Team.
 - Reviewer; Contributor; Subscriber
 - In accordance with FGDC guidelines.
 - ❑ Held a series of meetings and workshops with stakeholders in:
 - NOAA Silver Spring, MD; Charleston, SC – 2 day workshop;
 - Regular Contact Meetings
 - Standard forwarded to Shoreline List server

National Shoreline Data Content Standard: Overview

- Received comments during two rounds of Pre-Public Review
 - FGDC Members
 - Marine and Coastal Data Subcommittee Members
 - Florida Department of Environmental Protection
 - NOAA
 - NGA
 - Florida Marine Research Institute
 - USACE
 - USGS
- FDGC Standards Process
 - NSDCS is in the Draft Stage - Step 4-5

Public Review Plan

- On-going effort throughout the project life cycle.
- Actively Market the Plan via direct contact.
 - ❑ Local, State, and Federal Shoreline Constituents
 - ❑ Standards bodies – FGDC
 - ❑ Identified Participants throughout the development process
 - ❑ Shoreline COR, COTR, TO, and PO
 - ❑ Shoreline Contractors – Private Industry
- Possibility of Developing an ISO Standard for Shoreline
 - ❑ Future Task based on FGDC Standard Endorsement
 - ❑ Contingent on commitments

Request:

- Vote on approval of the:

National Shoreline Data Content Standard

Accept the Standards Working Group Committee Draft and advance the standard to public comment in accordance with Directive #3 of the FGDC Standards Process

Thank you

