

subcommittees and work groups have a relationship to shoreline data. Two data standards that have been published that include reference to the shoreline are the Cadastral Standard and the Wetlands Standard. The Tri Service Spatial Data Standard and feature reference model contain a relationship to shoreline. The National Imagery and Mapping Agency has recently published a geospatial systems data model for shoreline data. There are several FGDC standards in either draft or proposal stage that relate to shoreline, these include: digital elevation, data accuracy, hydrographic, and facilities.

Reference Documents and Existing Standards

Existing standards that relate to shoreline are contained within the following publications and reports.

- Swainson, O.W.*, 1928. Topographic Manual, Special Publication No. 144, DOC, U.S. Coast and Geodetic Survey.
- Swanson, R.L.*, 1949. Topographic Manual, Part II, U.S. Coast and Geodetic Survey Special Publication 249.DOC U.S. Coast and Geodetic Survey.
- Shalowitz, A.L.*, 1964. Shore and Sea Boundaries—with special reference to the interpretation and use of Coast and Geodetic Survey Data. U.S. Department of Commerce Publication 10-1, Two Volumes, U.S. GPO, Washington, D.C.
- U.S. Department of Commerce*, 1976. Hydrographic Manual, Fourth Edition, NOAA/NOS Washington, D.C. Chapter 3.2, Shoreline Surveys.
- Ellis, M.Y.*, 1978. Coastal Mapping Handbook, Department of the Interior, U.S. Geological Survey and U.S. Department of Commerce, National Ocean Service and Office of Coastal Zone Management, U.S. GPO, Washington, D.C.
- U.S. Department of the Interior*, 1979. Classification of Wetlands and Deepwater Habitats of the United States, FGDC Standards for Wetlands, Approved by FGDC December 1996.
- Hicks, Stacey D.*, 1980. The National Tidal Datum Convention of 1980. U.S. Department of Commerce, National Ocean Survey.
- Hicks, Stacy D.*, 1984. Tide and Current Glossary, NOAA/National Ocean Service. Rockville, MD.
- Hicks, Stacy D.*, 1988. Fantastic Tidal Datums NOAA/NOS. Rockville, MD.
- NOAA/DMA*, 1990. Chart No. 1, Nautical Chart Symbols Abbreviations and terms, 9th Edition January 1990. Joint NOAA/DMA publication.
- Harrington, Charles, E.*, 1993. Maritime Boundaries on National Ocean Service Nautical Charts. Cartographic

- Perspectives, Bulletin of the North American Cartographic Information Society. No. 14, Winter 1993.
- Fritz, L.W.*, 1994. Shoreline Layer of the Master Seafloor Digital Data Base. Concept and Tutorial. NIMA HYSAS Program Office, Bethesda, MD.
- U.S. Army Corps of Engineers*, 1994. Civil Works Engineering Manual EM-1110-2-1003—Hydrographic Surveying.
- Tri-Service CADD/GIS*, 1996. GIS Spatial Data Standards. Department of Defense Tri-Service Technology Center, Vicksburg, MS.
- FGDC*, 1996. Cadastral Data Content Standard for the National Spatial Data Infrastructure, FGDC, Washington, D.C.
- International Hydrographic Office*, 1996. International Transfer Standard for Digital Hydrographic Data. Edition 3.9, IHO Special Publication No. 57 International Hydrographic Bureau, Monaco.
- National Imagery and Mapping Agency*, 1997. The United States Imagery and Geospatial System Data Model, Volume 4—Nautical—NIMA: Standards and Interoperability Division Bethesda, MD.
- Completion Date*: Approximately December 1998.
- Target Authorization Body*: The Federal Geographic Data Committee will be the authorization body for this standard.
- Maintenance Agency*: Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, National Geodetic Survey—Under the leadership of the FGDC Bathymetric and Nautical Charting Data Subcommittee.

Dated: August 1, 1997.

Richard E. Witmer,

Chief, National Mapping Division.

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DEPARTMENT OF THE INTERIOR

Bureau of Land Management

[MT-962-1020-00]

Notice of Availability for the Montana/Dakotas Standards for Rangeland Health and Guidelines for Livestock Grazing Management Record of Decision

AGENCY: Bureau of Land Management, Interior.

ACTION: Notice of availability.

SUMMARY: The Record of Decision (ROD) on the final environmental impact

statement (EIS) for Standards for Rangeland Health and Guidelines for Livestock Grazing Management (standards and guidelines) in Montana and North and South Dakota is available. The ROD documents the selection of the Preferred Alternative (the standards and guidelines) and provides background information and rationale for the decision. The standards and guidelines were developed in coordination with four Resource Advisory Councils (RACs) in Montana and the Dakotas. The standards and guidelines would be incorporated into 10 BLM land use plans that cover about 8.4 million acres of BLM-administered land in Montana and the Dakotas. This action is proposed in accordance with revised regulations for livestock grazing on BLM-administered lands (43 CFR 4100).

FOR FURTHER INFORMATION CONTACT: Sandy Brooks, Project Manager, BLM Montana State Office, P.O. Box 36800, Billings, Montana 59107-6800, or 406-255-2929.

SUPPLEMENTARY INFORMATION: The final EIS for Standards for Rangeland Health and Guidelines for Livestock Grazing Management was released and made available for a 30-day public availability period on June 6, 1997. The 30-day protest period for the final EIS began on June 18, 1997. The final EIS reflected changes based on public comments from the draft and supplement to the draft EIS. The changes included modifications to the Preferred Alternative, as well as other portions of the EIS, but did not change the scope of the final EIS nor alter the analysis of the environmental impacts. The decision to select the Preferred Alternative was based on a review of the environmental analysis in the EIS and consideration of public comments.

Dated: August 7, 1997.

James Binando,

Acting Deputy State Director, Division of Resources.

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BILLING CODE 4310-DN-P

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

[AZA-29258]

Arizona, Notice of Scoping Period

AGENCY: Bureau of Land Management, Interior.

ACTION: Notice of scoping period and notice of open house.