

About This Information/Guidance Document

Current Status *I/G-Active*

Standard Identifier NGMDR v1.0

Title of Standard

The National System for Geospatial Intelligence (NSG) Geospatial Metadata Desk Side Reference (NGMDR), Version 1.0, August 2007

Standards History

| Date Active | Date Inactive |
|-------------|---------------|
| 2007-11-06 | n/a |

Standards Body

[NGA](#)

[Broken Link?](#)

URL to Access or Acquire

<http://www.gwg.nga.mil>

Standard Applicability

2007-11-08

The NSG Geospatial Metadata Desk Side Reference is intended to promote and assist in the development of interoperability requirements for the discovery and retrieval of metadata within the Geospatial Community of Interest (COI).

Standard Abstract

2007-11-08

This document has been developed to be used as a general reference for Geospatial Metadata users and developers. The Reference may be consulted for guidance and helpful information pertaining to questions and issues that have been raised frequently in various form and fora within the geospatial community. Furthermore, it is intended for those individuals or organizations who desire to develop their metadata activities within the harmonization and interoperability requirements for Geospatial Metadata development. Due to the numerous questions concerning metadata from various working groups, this document is intended to address at a high level, some of these questions.

Products Incorporating This Standard

This is a reference document and is not designed for incorporation into products.

Relevant Information

Citation authored by the GWG Metadata Focus Group.

Implementation Guidance

The importance of metadata is that it enables discovery of information and many other resources and is a key enabler of data and system interoperability. Metadata is first data about data that describes the content and the appropriate use of a data resource. Second, metadata has been expanded to enable finding other resources such as geospatial systems, standards and other specific information. In the current movement to an increasingly net-centric world, the speed, agility and interoperability required cannot be met without metadata. Metadata is becoming even more critical as the volumes of archived data and imagery, and other geospatial resources continue to grow at rapid rates. One example is the airborne community's imagery libraries with its volume of data. Human search efforts could not possibly access and evaluate all this volume of data to come even close to the operational time constraints. Without metadata many of the searches would have to be conducted with Google-like

tools with much effort spent trying to determine if the data or other resource meets the specific need. Without metadata, a consumer could not search and retrieve the data that contains the characteristics and content necessary to support a required mission. Metadata instills data accountability and limits data liability. This is especially true for the National System for Geospatial-Intelligence (NSG) in the use of geospatial intelligence (GEOINT) data. Providing metadata according to the applicable standards, including harmonization between the required metadata standards, further increases the metadata work. It is critical that the work and development of metadata and metadata standards for NGA and GEOINT data and other informational resources be funded in the current move to an increasingly net-centric environment to provide the critical high level of customer support required of NGA.

Standard Selection Criteria

Net-Centric Interoperability

This document has been developed to be used as a general reference for Geospatial Metadata users and developers. The Reference may be consulted for guidance and helpful information pertaining to questions and issues that have been raised frequently in various form and fora within the geospatial community. It is hoped that this document will, with iterative updating, serve as a single reference to satisfy the needs of the community by addressing many common questions and issues. The document is written in an informative manner, allowing for some interpretation by the reader, and yet points the reader to various normative agencies' mandated requirements (DoD Metadata Working Group, Intelligence Community Data Management Committee, etc.) and driving standards (ISO 19115, OGC specifications, etc.).

Technical Maturity

This NSG Geospatial Metadata Desk Side Reference is based on various inputs from the GWG Metadata Focus Group and the Geospatial Community at large. Drafts of this NSG Geospatial Metadata Desk Side Reference have been reviewed by the wide Geospatial community and approved by all major organizations affiliated with the Geospatial Intelligence Standards Working Group (GWG).

Public Availability

This NSG Geospatial Metadata Desk Side Reference is publicly available, free of charge, in either hardcopy (paper) or softcopy (PDF) form, from the Geospatial Intelligence Standards Working Group (GWG/MFG), <http://www.gwg.nga.mil>.

Implementability

The NSG Geospatial Metadata Desk Side Reference has been adopted and endorsed by the participating members of the GWG Metadata Focus Group. The Desk Reference is not implementable, but serves the community as a guide for addressing Geospatial Metadata needs.

Authority

This Reference document has been developed by the Metadata Focus Group (MFG) of the Geospatial Intelligence Standards Working Group (GWG), under the authority of the National Geospatial-Intelligence Agency (NGA).

Standard Type Non-Military

Keywords for Search None

