

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE
Assistant Director of National Intelligence and Chief Information Officer
Washington, DC 20511

ODNI/CIO-2010-0472

MEMORANDUM FOR: Distribution

SUBJECT: Approval of XML Data Encoding Specification for Information Security Markings, Version 4

REFERENCES:

- A. Intelligence Community Directive (ICD) 500, DNI Chief Information Officer
- B. Intelligence Community Directive (ICD) 501, Discovery and Dissemination or Retrieval of Information within the IC
- C. Intelligence Community Directive (ICD) 710, Classification and Control Markings System
- D. Intelligence Community Directive (ICD) 206, Sourcing Requirements for Disseminated Analytic Products
- E. Intelligence Community Directive (ICD) 208, Write for Maximum Utility
- F. Intelligence Community Policy Memorandum (ICPM) 2007-200-2

1. This Technical Specification supports Director of National Intelligence (DNI) policy guidance set forth in the above References which call upon the Intelligence Community Chief Information Officer (IC CIO) to establish, coordinate, and promulgate common enterprise standards, protocols, interfaces, or procedures required to support IC information sharing strategies and intelligence mission objectives established in relevant law, policy, and directives. Under this authority, version 4 of the *XML Data Encoding Specification for Information Security Markings* is hereby approved as an IC technical data specification suitable for use by IC elements and other interested parties with electronic information security marking requirements.

2. The Office of the IC CIO facilitates one or more IC-wide collaboration and coordination forums charged with the adoption, modification, development, and governance of IC technical data specifications of common concern. The *XML Data Encoding Specification for Information Security Markings* is the product of these forums and is deemed technically sound and supportive of IC mission objectives.

3. The *XML Data Encoding Specification for Information Security Markings*, version 4 (aka, ISM.XML.V4) defines an Extensible Markup Language (XML) encoding for information security marking metadata in compliance with the *Intelligence Community Abstract Data Definition*. This Data Encoding Specification defines the XML elements and attributes, associated structures and

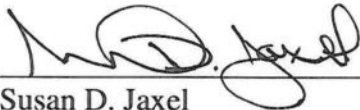
SUBJECT: Approval of XML Data Encoding Specification for Information Security Markings,
Version 4

relationships, mandatory and cardinality requirements, permissible values, and constraint rules for representing information security markings using XML.

4. The *XML Data Encoding Specification for Information Security Markings* is used by the *XML Data Encoding Specification for Intelligence Publications*, the *DoD Discovery Metadata Specification (DDMS)*, the *Universal Core (UCore)* specification, and the *National Information Exchange Model (NIEM)*. It is a required submission format for the Library of National Intelligence (LNI).

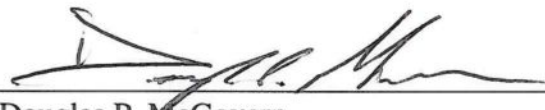
5. The *XML Data Encoding Specification for Information Security Markings*, version 4 is approved for submission to the IC Enterprise Standards Baseline (aka, the Intelligence Community Standards Registry), which serves as the collection of enterprise standards against which programs will be assessed for IC enterprise architecture compliance. Specific applicability and usage guidance for this version will be provided in the baseline citation once approved. This specification will also be available at DNI-sponsored web sites and in approved repositories.

6. This Technical Specification becomes effective on the date of signature.



Susan D. Jaxel
Deputy Assistant Director of National Intelligence
for Intelligence Community Enterprise Architecture (Acting)

10 Sept 10
Date



Douglas P. McGovern
Deputy Assistant Director of National Intelligence
for Information Integration Oversight & Engineering

9/10/10
Date

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