

UNCLASSIFIED

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE
WASHINGTON, DC 20511

2020-0192

MEMORANDUM FOR: Distribution

SUBJECT: (U) Technical Soundness Approval of Intelligence Community Technical Specification Updates (2020-OCT Release)

REFERENCES: A. (U) Intelligence Community Directive 500, *Director of National Security Chief Information Officer*, 7 August 2008
B. (U) Intelligence Community Standard 500-20, *Intelligence Community Enterprise Standards Compliance*, 16 December 2010

(U) Reference A requires the Intelligence Community Chief Information Officer (IC CIO) to establish, coordinate, and promulgate common Information Technology (IT) standards, protocols, and interfaces for and within the IC, as required, to support: 1) information sharing strategies, 2) intelligence mission objectives established in relevant law, policy and directives, and 3) the IC Information Environment (IC IE).

(U) The Office of the IC CIO facilitates IC-wide collaboration and coordination bodies charged with development, modification, and governance of IC Technical Specifications of common concern. As the IC CIO accountable official responsible for developing and coordinating these specifications among IC element and external stakeholders, I hereby assert that the following IC Technical Specifications are technically sound, supportive of IC mission objectives and the IC IE. These IC Technical Specifications are implementable as of this memorandum's signature date:

- 1) *XML Data Encoding Specification for Information Resource Data V2019-MARr2020-OCT* (IRM.XML.V2019-MARr2020-OCT) – This revision supports a change to the MIME specification to allow additional values through the media type regex.
- 2) *XML Data Encoding Specification for Information Security Markings V2019-MARr2020-OCT* (ISM.XML.V2019-MARr2020-OCT) – This revision aligns with the August 2019 Register and Manual, to include correcting RAW-FISA to RAWFISA, updating dissemination controls, and adding 12 new rules for dealing with various clarifications. In addition, this revision adds an ITAR/EAR warning notice type in accordance with DoDI 5230.24.
- 3) *Access Control Encoding Specification for Information Security Markings V2020-OCT* (ISM.ACES.V2020-OCT) – This revision aligns with the August 2019

UNCLASSIFIED

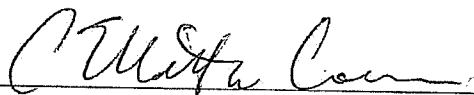
UNCLASSIFIED

SUBJECT: (U) Technical Soundness Approval of Intelligence Community Technical Specification Updates (2020-OCT Release)

- Register and Manual, to include correcting RAW-FISA to RAWFISA and updating dissemination controls.
- 4) *Controlled Vocabulary Encoding Specification for Information Security Marking Country Codes and Tetragraphs V2020-OCT* (ISM CAT.CES.V2020-OCT) – This revision includes updates to country memberships for tetragraphs published by ODNI.
 - 5) *Controlled Vocabulary Encoding Specification for Media Type V2020-OCT* (MIME.CES.V2020-OCT) – This revision allows for any MIME type value to accommodate commercially used mime types which are not registered with IANA.
 - 6) *Taxonomy Encoding Specification for Mission Need Taxonomy V2020-OCT* (MNT.XML.V2020-OCT) – This revision incorporates changes from the authoritative source.
 - 7) *Controlled Vocabulary Encoding Specification for Production Metrics V2020-OCT* (PM.CES.V2020-OCT) – This revision incorporates changes from the authoritative source.
 - 8) *XML Data Encoding Specification for Virtual Coverage V2020-OCT* (VIRT.XML.V2020-OCT) – This revision enforces the existence of meaningful content when specifying VirtualCoverage, corrects descriptions of some values, and provides multiple infrastructure enhancements such as producing RELAX NG schema fragments for easier integration.

(U) In accordance with reference B, the 2020-OCT version of the IC Technical Specifications are approved for submission to the IC Enterprise Standards Baseline which serves as the collection of enterprise standards against which programs will be assessed for IC Enterprise Architecture compliance. The IC Technical Specifications can be accessed at <http://go.ic.gov/RxSUraG> on Intelink-TS and <https://w3id.org/ic/standards/final> on Intelink-U.

(U) This memorandum becomes effective on the date of signature.


C. Matthew Conner
Chief Cybersecurity Group &
Intelligence Community Chief Information Security Officer

7 Dec 20
Date

Attachment:

1. (U) *IC Technical Specification Mapping to IC/DoD Guidance* (2020-OCT Release)

UNCLASSIFIED

UNCLASSIFIED

SUBJECT: (U) Technical Soundness Approval of Intelligence Community Technical Specification Updates (2020-OCT Release)

Distribution:

Chief Information Officer, Central Intelligence Agency
Chief Information Officer, Defense Intelligence Agency
Chief Information Officer, Federal Bureau of Investigation
Chief Information Officer, National Geospatial-Intelligence Agency
Chief Information Officer, National Reconnaissance Office
Chief Information Officer, National Security Agency
Chief Information Officer, Office of the Director of National Intelligence
Chief Information Officer, Intelligence Division, Drug Enforcement Administration
Chief Information Officer, Office of Intelligence and Counterintelligence, Department of Energy
Chief Information Officer, Intelligence and Analysis, Department of Homeland Security
Chief Information Officer, Bureau of Intelligence and Research, Department of State
Chief Information Officer, Office of Intelligence and Analysis, Department of the Treasury
Chief Information Officer, Department of Defense
Acting Under Secretary for Intelligence and Security, Department of Defense
Deputy Chief of Staff for Intelligence, United States Army
Director of Naval Intelligence, United States Navy
Director of Intelligence, United States Marine Corps
Assistant Commandant for Intelligence and Criminal Investigations, United States Coast Guard
Deputy Chief of Staff for Intelligence, Surveillance and Reconnaissance, United States Air Force

Table 1 - Policy Trace Matrix

	IRM	ISM	ISM-ACES	ISM-CAT-CES	MIME-CES	MNT	PM-CES	VIRT
500 Series:								
ICD 500	X	X	X	X	X	X	X	X
ICD 501	X	X	X	X	X	X	X	X
ICS 500-20	X	X	X	X	X	X	X	X
ICS 500-21	X	X	X	X	X	X	X	X
200 Series:								
ICD 206	X	X	X	X	X	X	X	X
ICD 208	X	X	X	X	X	X	X	X
ICD 209	X	X	X	X	X	X	X	X
ICPM 2007-200-2	X	X	X	X	X	X	X	X
300 Series:								
ICD 302					X			
700 Series:								
ICD 710			X	X	X			
ICPG 710.1		X	X	X	X			
ICPG 710.2		X	X	X	X			
Executive Orders:								
E.O. 13526		X	X	X	X			
E.O. 13556		X	X	X	X			
Implementing Directives:								
32 CFR Parts 2001 and 2003		X	X	X	X			
32 CFR Parts 2002		X	X	X	X			
32 CFR Parts 2003		X	X	X	X			
32 CFR Parts 2004 Amendment		X	X	X	X			