



DEFENSE INFORMATION SYSTEMS AGENCY

P. O. BOX 4502
ARLINGTON, VIRGINIA 22204-4502

IN REPLY
REFER TO:

Joint Interoperability Test Command (JTE)

09 September 2008

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Extension of the Special Interoperability Test Certification of the Nortel Networks OPTera™ Metro 3500 Multiservice Platform with Software Release 1210X.AG

References: (a) DoD Directive 4630.5, "Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)," 5 May 2004
(b) CJCSI 6212.01D, "Interoperability and Supportability of Information Technology and National Security Systems," 08 March 2006
(c) through (e), see enclosure

1. References (a) and (b) establish the Defense Information Systems Agency (DISA), Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification.
2. The Nortel Networks OPTera™ Metro 3500 Multiservice Platform with Software Release 1210X.AG is hereinafter referred to as the System Under Test (SUT). The SUT meets all of the critical interoperability requirements for the Defense Switched Network (DSN) and is certified for joint use. The SUT met the critical interoperability requirements for a Network Element set forth in appendices 5 and 9 of reference (c) using test procedures derived from reference (d). Although the SUT offers Digital Signal Level 3, European Basic Multiplex Rate (E1), and Internet Protocol (IP) interfaces, these were not tested and are therefore not covered under this certification. No other configurations, features, or functions, except those cited within this report, are certified by the JITC, or authorized by the Program Management Office for use within the DSN. This certification expires upon changes that affect interoperability, but no later than three years from the date of the original memorandum (16 May 2006).
3. The extension of this certification is based upon a desktop review. The original certification is based on interoperability testing and review of vendor's Letters of Compliance (LoC). Interoperability testing was conducted by JITC at the Global Information Grid Network Test Facility, Fort Huachuca, Arizona from 19 December 2005 through 13 January 2006 and documented in reference (e). Review of vendor's LoC was completed on 7 April 2006. A desktop review was requested to include additional Synchronous Optical Network (SONET) line cards for DSN transport. The desktop review request was approved on 5 August 2008.
4. The SUT Interoperability Test Summary is shown in table 1 and the Capability and Feature Requirements used to evaluate the interoperability of the SUT are indicated in table 2. The additional line cards are listed in table 3.

Table 1. SUT Interoperability Test Summary

DSN Access Interfaces																																																																								
Interface & Signaling		Critical	Status	Remarks																																																																				
T1 CAS (AMI/SF) DTMF, DP, MFR1		No ¹	Certified	Met all critical CRs and FRs.																																																																				
T1 CAS (B8ZS/ESF) DTMF, DP, MFR1		No ¹	Certified	Met all critical CRs and FRs.																																																																				
T1 PRI (ANSI T1.619a)		No ¹	Certified	Met all critical CRs and FRs.																																																																				
T1 SS7 (ANSI T1.619a)		No ¹	Certified	Met all critical CRs and FRs.																																																																				
E1 CAS (HDB3) DTMF, MFR1, DP		No ¹ (Europe only)	Not Tested	This interface was not available for testing and is therefore not covered under this certification. There is no operational impact because it is not a critical requirement.																																																																				
E1 ISDN PRI (ITU-T Q.955.3)		No ¹ (Europe only)	Not Tested	This interface was not available for testing and is therefore not covered under this certification. There is no operational impact because it is not a critical requirement.																																																																				
E1 SS7 (ANSI T1.619a)		No ¹ (Europe only)	Not Tested	This interface was not available for testing and is therefore not covered under this certification. There is no operational impact because it is not a critical requirement.																																																																				
DS3		No ¹	Not Tested	This interface was not available for testing and is therefore not covered under this certification. There is no operational impact because it is not a critical requirement.																																																																				
DSN Transport Interfaces																																																																								
Optical Carrier Level	Transport Level	Critical	Status	Remarks																																																																				
OC-3	VT 1.5	No ²	Certified	Met all critical CRs and FRs.																																																																				
	STS-1	No ²	Certified	Met all critical CRs and FRs.																																																																				
OC-12	VT 1.5	No ²	Certified	Met all critical CRs and FRs.																																																																				
	STS-1	No ²	Certified	Met all critical CRs and FRs.																																																																				
OC-48	VT 1.5	No ²	Certified	Met all critical CRs and FRs.																																																																				
	STS-1	No ²	Certified	Met all critical CRs and FRs.																																																																				
OC-192	VT 1.5	No ²	Certified	Met all critical CRs and FRs.																																																																				
	STS-1	No ²	Certified	Met all critical CRs and FRs.																																																																				
Features And Capabilities																																																																								
Features and Capabilities		Critical	Status	Remarks																																																																				
Synchronization		Yes	Certified	Met all critical CRs and FRs.																																																																				
Network Management		Yes	Certified	Met all critical CRs and FRs.																																																																				
Security		Yes	See Note 3.	See Note 3.																																																																				
<p>LEGEND:</p> <table> <tr> <td>AMI</td> <td>- Alternate Mark Inversion</td> <td>Mbps</td> <td>- Megabits per second</td> </tr> <tr> <td>ANSI</td> <td>- American National Standards Institute</td> <td>MFR1</td> <td>- Multi-frequency Recommendation 1</td> </tr> <tr> <td>B8ZS</td> <td>- Bipolar Eight Zero Substitution</td> <td>MLPP</td> <td>- Multi-Level Precedence and Preemption</td> </tr> <tr> <td>CAS</td> <td>- Channel Associated Signaling</td> <td>NE</td> <td>- Network Element</td> </tr> <tr> <td>CR</td> <td>- Capability Requirements</td> <td>OC-3</td> <td>- Optical Carrier Level 3 (155 Mbps)</td> </tr> <tr> <td>DISA</td> <td>- Defense Information Systems Agency</td> <td>OC-12</td> <td>- Optical Carrier Level 12 (622 Mbps)</td> </tr> <tr> <td>DP</td> <td>- Dial Pulse</td> <td>OC-48</td> <td>- Optical Carrier Level 48 (2.448 Gbps)</td> </tr> <tr> <td>DS3</td> <td>- Digital Signal Level 3 (44.736 Mbps)</td> <td>OC-192</td> <td>- Optical Carrier Level 192 (10 Gbps)</td> </tr> <tr> <td>DTMF</td> <td>- Dual Tone Multi-Frequency</td> <td>PRI</td> <td>- Primary Rate Interface</td> </tr> <tr> <td>DSN</td> <td>- Defense Switched Network</td> <td>Q.955.3</td> <td>- ISDN Signaling Standard for E1 MLPP</td> </tr> <tr> <td>E1</td> <td>- European Basic Multiplex Rate (2.048 Mbps)</td> <td>SF</td> <td>- Super Frame</td> </tr> <tr> <td>ESF</td> <td>- Extended Super Frame</td> <td>SS7</td> <td>- Signaling System 7</td> </tr> <tr> <td>FR</td> <td>- Feature Requirements</td> <td>SUT</td> <td>- System Under Test</td> </tr> <tr> <td>Gbps</td> <td>- Gigabits per second</td> <td>STS</td> <td>- Synchronous Transport Signal</td> </tr> <tr> <td>HDB3</td> <td>- High Density Bipolar 3</td> <td>T1</td> <td>- Digital Transmission Link Level 1 (1.544 Mbps)</td> </tr> <tr> <td>ISDN</td> <td>- Integrated Services Digital Network</td> <td>T1,619a</td> <td>- SS7 and ISDN MLPP Signaling Standard for T1</td> </tr> <tr> <td>ITU-T</td> <td>- International Telecommunication Union – Telecommunication Standardization</td> <td>VT</td> <td>- Virtual Tributary</td> </tr> </table> <p>NOTES:</p> <p>1 The NE DSN Access Interface can be met with any one of the following interfaces: Analog, T1, E1, OC-3.</p> <p>2 The NE DSN Transport Interface can be met with any one of the following interfaces: T1, E1, DS3, OC-3, OC-12, OC-48, OC-192.</p> <p>3 Information assurance testing is accomplished via DISA-led Information Assurance test teams and published in a separate report.</p>					AMI	- Alternate Mark Inversion	Mbps	- Megabits per second	ANSI	- American National Standards Institute	MFR1	- Multi-frequency Recommendation 1	B8ZS	- Bipolar Eight Zero Substitution	MLPP	- Multi-Level Precedence and Preemption	CAS	- Channel Associated Signaling	NE	- Network Element	CR	- Capability Requirements	OC-3	- Optical Carrier Level 3 (155 Mbps)	DISA	- Defense Information Systems Agency	OC-12	- Optical Carrier Level 12 (622 Mbps)	DP	- Dial Pulse	OC-48	- Optical Carrier Level 48 (2.448 Gbps)	DS3	- Digital Signal Level 3 (44.736 Mbps)	OC-192	- Optical Carrier Level 192 (10 Gbps)	DTMF	- Dual Tone Multi-Frequency	PRI	- Primary Rate Interface	DSN	- Defense Switched Network	Q.955.3	- ISDN Signaling Standard for E1 MLPP	E1	- European Basic Multiplex Rate (2.048 Mbps)	SF	- Super Frame	ESF	- Extended Super Frame	SS7	- Signaling System 7	FR	- Feature Requirements	SUT	- System Under Test	Gbps	- Gigabits per second	STS	- Synchronous Transport Signal	HDB3	- High Density Bipolar 3	T1	- Digital Transmission Link Level 1 (1.544 Mbps)	ISDN	- Integrated Services Digital Network	T1,619a	- SS7 and ISDN MLPP Signaling Standard for T1	ITU-T	- International Telecommunication Union – Telecommunication Standardization	VT	- Virtual Tributary
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Table 2. SUT Capability and Feature Interoperability Requirements

JITC Memo, JTE, Extension of the Special Interoperability Test Certification of the Nortel Networks OPTera™ Metro 3500 Multiservice Platform with Software Release 1210X.AG

DSN Access Interfaces			
Interface	Critical	Requirements Required or Conditional	References
T1 CAS	No ¹	<ul style="list-style-type: none"> • DS1 Interface Characteristics (R) • DS1 Supervisory Channel Associated Signaling (R) 	<ul style="list-style-type: none"> • GSCR App. A9.5.1.4 • GSCR App. A9.5.1.4
T1 SS7 (ANSI T1.619a)	No ¹	<ul style="list-style-type: none"> • DS1 Clear Channel Capability (R) • DS1 Alarm and Restoral Requirements (R) 	<ul style="list-style-type: none"> • GSCR App. A9.5.1.4 • GSCR App. A9.5.1.4
T1 ISDN PRI (ANSI T1.619a)	No ¹	<ul style="list-style-type: none"> • E1 Interface Characteristics (R) • E1 Supervisory Channel Associated Signaling (R) 	<ul style="list-style-type: none"> • GSCR App. A9.5.1.5 • GSCR App. A9.5.1.5
E1 ISDN PRI (ITU-T Q.955.3)	No ¹ (Europe only)	<ul style="list-style-type: none"> • E1 Clear Channel Capability (R) • E1 Alarm and Restoral Requirements (R) 	<ul style="list-style-type: none"> • GSCR App. A9.5.1.5 • GSCR App. A9.5.1.5
E1 CAS	No ¹ (Europe only)	<ul style="list-style-type: none"> • MOS (R) • BERT (R) 	<ul style="list-style-type: none"> • GSCR App. A9.5.1 • GSCR App. A9.5.1
E1 SS7 (ANSI T1.619a)	No ¹ (Europe only)	<ul style="list-style-type: none"> • Secure Transmission (Voice and Data) (R) • Modem (R) • Facsimile (R) 	<ul style="list-style-type: none"> • GSCR App. A9.5.1 • GSCR App. A9.5.1 • GSCR App. A9.5.1
DS3	No ¹	<ul style="list-style-type: none"> • Call Control Signals (R) • Call Congestion (R) • Voice Compression (C) • DS3 Interface Requirements (R) 	<ul style="list-style-type: none"> • GSCR App. A9.5.1 • GSCR App. A9.5.1 • GSCR App. A9.5.1
DSN Transport Interfaces			
Interface	Critical	Requirements Required or Conditional	References
OC-3	No ²	<ul style="list-style-type: none"> • MLPP (R) • GR-303-CORE (R) • GR-253 CORE (R) • GR-782-CORE (R) • ANSI T1.105-2001 (R) • DS1 Rate Transport via VT1.5 (R) • DS1 Rate Provisioning (R) • DS0 Call Processing (R) 	<ul style="list-style-type: none"> • GSCR App. A5.5.1 • GSCR App. A5.5.2
OC-12	No ²	<ul style="list-style-type: none"> • DS0 to OC-3 Route Assignment (R) • Facility Alarms (R) • DS1 AIS/Yellow (R) • DS0 AIS/DS0 RAI (R) • Synchronization in accordance with GR-518-CORE (R) • Synchronization in accordance with GR-253-CORE (R) • Synchronization in accordance with GR-436-CORE (R) 	<ul style="list-style-type: none"> • GSCR App. A5.5.3 • GSCR App. A5.5.4 • GSCR App. A5.5.4 • GSCR App. A5.5.4 • GSCR App. A5.5.4 • GSCR App. A5.5.5 • GSCR App. A5.5.5 • GSCR App. A5.5.5
OC-48	No ²	<ul style="list-style-type: none"> • Reliability (R) • Security (R) • MOS (R) • BERT (R) • Secure Transmission (Voice and Data) (R) 	<ul style="list-style-type: none"> • GSCR App. A5.5.6 • GSCR App. A5.5.7 • GSCR App. A9.5.1 • GSCR App. A9.5.1 • GSCR App. A9.5.1
OC-192	No ²	<ul style="list-style-type: none"> • Modem (R) • Facsimile (R) • Call Control Signals (R) • Call Congestion (R) • Voice Compression (C) 	<ul style="list-style-type: none"> • GSCR App. A9.5.1

Table 2. SUT Capability and Feature Interoperability Requirements (continued)

SUT Features And Capabilities																																																																																											
Feature/Capability	Critical	Requirements Required or Conditional	References																																																																																								
Synchronization	Yes	<ul style="list-style-type: none"> • Timing (R) 	<ul style="list-style-type: none"> • GSCR App. A9.5.1.7 																																																																																								
Network Management	Yes	<ul style="list-style-type: none"> • Management Option (R) <ul style="list-style-type: none"> - Local Management (Front Panel and/or External Console) (C) - ADIMSS (C) • Fault Management (C) • Loop Back Capability (C) • Operational Configuration Restoral (R) 	<ul style="list-style-type: none"> • GSCR App. A9.5.2.1 • GSCR App. A9.5.2.2 • GSCR App. A9.5.2.3 • GSCR App. A9.5.3 																																																																																								
Security	Yes	<ul style="list-style-type: none"> • DITSCAP (R) 	<ul style="list-style-type: none"> • GSCR App. A9.6 																																																																																								
<p>LEGEND:</p> <table border="0"> <tr> <td>ADIMSS</td> <td>- Advanced DSN Integrated Management Support System</td> <td>ITU-T</td> <td>- International Telecommunication Union – Telecommunication Standardization</td> </tr> <tr> <td>ANSI</td> <td>- American National Standards Institute</td> <td>LSSGR</td> <td>- Local Access and Transport Area (LATA) Switching Systems Generic Requirements</td> </tr> <tr> <td>App.</td> <td>- Appendix</td> <td>Mbps</td> <td>- Megabits per second</td> </tr> <tr> <td>AIS</td> <td>- Alarm Indication Signal</td> <td>MLPP</td> <td>- Multi-Level Precedence and Preemption</td> </tr> <tr> <td>BERT</td> <td>- Bit Error Rate Test</td> <td>MOS</td> <td>- Mean Opinion Score</td> </tr> <tr> <td>C</td> <td>- Conditional</td> <td>NE</td> <td>- Network Element</td> </tr> <tr> <td>CAS</td> <td>- Channel Associated Signaling</td> <td>OC-3</td> <td>- Optical Carrier Level 3 (155 Mbps)</td> </tr> <tr> <td>DITSCAP</td> <td>- Department of Defense Information Technology Security Certification and Accreditation Policy</td> <td>OC-12</td> <td>- Optical Carrier Level 12 (622 Mbps)</td> </tr> <tr> <td>DS0</td> <td>- Digital Signal Level 0</td> <td>OC-48</td> <td>- Optical Carrier Level 48 (2.448 Gbps)</td> </tr> <tr> <td>DS1</td> <td>- Digital Signal Level 1</td> <td>OC-192</td> <td>- Optical Carrier Level 192 (10 Gbps)</td> </tr> <tr> <td>DS3</td> <td>- Digital Signal Level 3</td> <td>PRI</td> <td>- Primary Rate Interface</td> </tr> <tr> <td>DSN</td> <td>- Defense Switched Network</td> <td>R</td> <td>- Required</td> </tr> <tr> <td>E1</td> <td>- European Basic Multiplex Rate (2.048 Mbps)</td> <td>RAI</td> <td>- Remote Alarm Indication</td> </tr> <tr> <td>Gbps</td> <td>- Gigabits per second</td> <td>SONET</td> <td>- Synchronous Optical Network</td> </tr> <tr> <td>GR</td> <td>- Generic Requirement</td> <td>SS7</td> <td>- Signaling System 7</td> </tr> <tr> <td>GR-253</td> <td>- SONET Transport Systems: Common Generic Criteria</td> <td>SUT</td> <td>- System Under Test</td> </tr> <tr> <td>GR-303</td> <td>- Integrated Digital Loop Carrier System Generic Requirements, Objectives, and Interface</td> <td>T1</td> <td>- Digital Transmission Link Level 1 (1.544 Mbps)</td> </tr> <tr> <td>GR-436</td> <td>- Digital Network Synchronization Plan</td> <td>T1.105-2001</td> <td>- SONET – Basic Description include Multiplexer structure, rates, formats</td> </tr> <tr> <td>GR-518</td> <td>- LSSGR: Synchronization, Section 18</td> <td>T1.619a</td> <td>- SS7 and ISDN MLPP Signaling Standard for T1</td> </tr> <tr> <td>GR-782</td> <td>- SONET Digital Switch Trunk Interface Criteria</td> <td>Q.955.3</td> <td>- ISDN Signaling standard for E1 MLPP</td> </tr> <tr> <td>GSCR</td> <td>- Generic Switching Center Requirement</td> <td>VT1.5</td> <td>- Virtual Tributary 1.5</td> </tr> <tr> <td>ISDN</td> <td>- Integrated Services Digital Network</td> <td></td> <td></td> </tr> </table> <p>NOTES:</p> <p>1 The NE DSN Access Interface can be met with any one of the following interfaces: Analog, T1, E1, OC-3.</p> <p>2 The NE DSN Transport Interface can be met with any one of the following interfaces: T1, E1, DS3, OC-3, OC-12, OC-48, OC-192.</p>				ADIMSS	- Advanced DSN Integrated Management Support System	ITU-T	- International Telecommunication Union – Telecommunication Standardization	ANSI	- American National Standards Institute	LSSGR	- Local Access and Transport Area (LATA) Switching Systems Generic Requirements	App.	- Appendix	Mbps	- Megabits per second	AIS	- Alarm Indication Signal	MLPP	- Multi-Level Precedence and Preemption	BERT	- Bit Error Rate Test	MOS	- Mean Opinion Score	C	- Conditional	NE	- Network Element	CAS	- Channel Associated Signaling	OC-3	- Optical Carrier Level 3 (155 Mbps)	DITSCAP	- Department of Defense Information Technology Security Certification and Accreditation Policy	OC-12	- Optical Carrier Level 12 (622 Mbps)	DS0	- Digital Signal Level 0	OC-48	- Optical Carrier Level 48 (2.448 Gbps)	DS1	- Digital Signal Level 1	OC-192	- Optical Carrier Level 192 (10 Gbps)	DS3	- Digital Signal Level 3	PRI	- Primary Rate Interface	DSN	- Defense Switched Network	R	- Required	E1	- European Basic Multiplex Rate (2.048 Mbps)	RAI	- Remote Alarm Indication	Gbps	- Gigabits per second	SONET	- Synchronous Optical Network	GR	- Generic Requirement	SS7	- Signaling System 7	GR-253	- SONET Transport Systems: Common Generic Criteria	SUT	- System Under Test	GR-303	- Integrated Digital Loop Carrier System Generic Requirements, Objectives, and Interface	T1	- Digital Transmission Link Level 1 (1.544 Mbps)	GR-436	- Digital Network Synchronization Plan	T1.105-2001	- SONET – Basic Description include Multiplexer structure, rates, formats	GR-518	- LSSGR: Synchronization, Section 18	T1.619a	- SS7 and ISDN MLPP Signaling Standard for T1	GR-782	- SONET Digital Switch Trunk Interface Criteria	Q.955.3	- ISDN Signaling standard for E1 MLPP	GSCR	- Generic Switching Center Requirement	VT1.5	- Virtual Tributary 1.5	ISDN	- Integrated Services Digital Network		
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Hardware	Part Number																				
OC-3 1310nm LR	NTN401AA																				
OC-3 1310nm SR	NTN401DA																				
OC-12 1310nm LR	NTN404JA																				
OC-12 1550nm LR	NTN404LA																				
OC-12 1310nm SR	NTN404MA																				
OC-48 1310nm IR	NTN440BA																				
OC-48 1550nm LR	NTN440DA																				
OC-48 1550 nm ELR	NTN440FA																				
OC-48 STS 1310nm SR	NTN440HA																				
OC-48 STS 1310nm IR	NTN440KA																				
OC-48 STS 1550nm LR	NTN440LA																				
OC-192 1310nm SR	NTN445BA																				
OC-192 1550nm LR	NTN445DA																				
<p>LEGEND:</p> <table border="0"> <tr> <td>ELR</td> <td>- Extended Long Reach</td> <td>OC-12</td> <td>- Optical Carrier Level 12 (622 Mbps)</td> </tr> <tr> <td>Gbps</td> <td>- Gigabits per second</td> <td>OC-48</td> <td>- Optical Carrier Level 48 (2.488 Gbps)</td> </tr> <tr> <td>LR</td> <td>- Long Reach</td> <td>OC-192</td> <td>- Optical Carrier Level 192 (10 Gbps)</td> </tr> <tr> <td>Mbps</td> <td>- Megabits per second</td> <td>SR</td> <td>- Short Reach</td> </tr> <tr> <td>OC-3</td> <td>- Optical Carrier Level 3 (155 Mbps)</td> <td>STS</td> <td>- Synchronous Transport Signal</td> </tr> </table>		ELR	- Extended Long Reach	OC-12	- Optical Carrier Level 12 (622 Mbps)	Gbps	- Gigabits per second	OC-48	- Optical Carrier Level 48 (2.488 Gbps)	LR	- Long Reach	OC-192	- Optical Carrier Level 192 (10 Gbps)	Mbps	- Megabits per second	SR	- Short Reach	OC-3	- Optical Carrier Level 3 (155 Mbps)	STS	- Synchronous Transport Signal
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JITC Memo, JTE, Extension of the Special Interoperability Test Certification of the Nortel Networks OPTera™ Metro 3500 Multiservice Platform with Software Release 1210X.AG

5. No detailed test report was developed in accordance with the Program Manager's request. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet at <https://stp.fhu.disa.mil>. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at <http://jit.fhu.disa.mil> (NIPRNet), or <http://199.208.204.125> (SIPRNet). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at <http://jitc.fhu.disa.mil/tssi>.

6. The JITC point of contact is Captain Oskar Widecki, DSN 879-5269, commercial (520) 538-5269, FAX DSN 879-4347, or e-mail to Oskar.Widecki@disa.mil. The JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The tracking number for the SUT is 50351.

FOR THE COMMANDER:

Enclosure a/s


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Battlespace Communications Portfolio

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Joint Staff J-6

Joint Interoperability Test Command, Liaison, TE3/JT1

Office of Chief of Naval Operations, CNO N6F2

Headquarters U.S. Air Force, Office of Warfighting Integration & CIO, AF/XCIN (A6N)

Department of the Army, Office of the Secretary of the Army, DA-OSA CIO/G-6 ASA (ALT), SAIS-IOQ

U.S. Marine Corps MARCORSYSCOM, SIAT, MJI Division I

DOT&E, Net-Centric Systems and Naval Warfare

U.S. Coast Guard, CG-64

Defense Intelligence Agency

National Security Agency, DT

Defense Information Systems Agency, TEMC

Office of Assistant Secretary of Defense (NII)/DOD CIO

U.S. Joint Forces Command, Net-Centric Integration, Communication, and Capabilities
Division, J68

Defense Information Systems Agency, GS23

ADDITIONAL REFERENCES

- (c) Defense Information Systems Agency (DISA), "Defense Switched Network (DSN) Generic Switching Center Requirements (GSCR), Change 1," 1 March 2005
- (d) Joint Interoperability Test Command, "Defense Switched Network Generic Switch Test Plan (GSTP), Change 1, Revision 1," 1 June 2005
- (e) Joint Interoperability Test Command, Memo, "Special Interoperability Test Certification of the Nortel Networks OPTera™ Metro 3500 Multiservice Platform with Software Release 1210X.AG," 16 May 2006