



DEFENSE INFORMATION SYSTEMS AGENCY

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

IN REPLY
REFER TO: Joint Interoperability Test Command (JITE)

26 June 2008

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Extension of the Special Interoperability Test Certification of Plant Equipment Incorporated (PEI) VESTA M-1 Version 2.4

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," 8 March 2006

1. References (a) and (b) establish the Defense Information Systems Agency, Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification. Additional references are provided in the enclosure.
2. The PEI VESTA M-1 Version 2.4 is hereinafter referred to as the System Under Test (SUT). The SUT was tested and is certified specifically with the Nortel M2616 proprietary telephone interface. The SUT was tested with the Nortel M1 Option 61C; however, the Nortel M1 Option 81C utilizes the same line and trunk hardware and software as the Option 61C. JITC analysis determined the Nortel M1 Option 61C and Nortel M1 Option 81C to be functionally identical for interoperability certification purposes. Therefore, the SUT is certified with the Nortel M1 Option 61 and Nortel M1 Option 81C. The SUT meets all of the critical interface and functional requirements and is certified for joint use within the Defense Switched Network (DSN) as Customer Premise Equipment. The SUT offers a wire-line to radio interface capability; however, since there are no defined requirements for this interface this capability was not tested and is not covered under this certification. The SUT meets the critical interoperability requirements set forth in references (c) and (d) and testing was conducted using test procedures derived from reference (e). 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 (4 October 2006).
3. The extension of this certification is based upon a desktop review. The original certification is based on interoperability testing conducted by JITC and a review of the vendor's Letters of Compliance (LoC). Testing was conducted by JITC at the Global Information Grid Network Test Facility, Fort Huachuca, Arizona from 21 through 24 August 2006 and documented in reference (f). Review of the vendor's LoC was completed on 24 August 2006. A desktop review was requested to include the Nortel M1 Option 11C. The desktop review request was approved on 20 June 2008 and the SUT is also certified with the Nortel M1 Option 11C.

4. The Functional Requirements used to evaluate the interoperability of the SUT and the interoperability statuses are depicted in table 1.

Table 1. SUT Functional Requirements and Interoperability Status

Interfaces	Critical	Certified	Functional Requirements	Status	GSCR Paragraph
2-Wire Digital Proprietary	Yes	Yes	MLPP in accordance with GSCR, Section 3 (C)	Met	A7.5
			MLPP Precedence call alerting (C)	Met	A7.5
			FCC Part 15/Part 68 (R)	Met	A7.5
			DTMF outpulsing (C)	Met	A7.5, 5.4.1, 5.4.2
			MOS	Met	CJCSI 6215.01B
	Yes	See note.	Security (R)	See note.	A7.6.5
LEGEND: A - Appendix C - Conditional CJCSI - Chairman of the Joint Chiefs of Staff Instruction DISA - Defense Information Systems Agency DTMF - Dual Tone Multi-Frequency FCC - Federal Communications Commission GSCR - Generic Switching Center Requirements MLPP - Multi-Level Precedence and Preemption MOS - Mean Opinion Score R - Required SUT - System Under Test					
NOTE: Security testing is accomplished via DISA-led Information Assurance test teams and published in a separate report.					

5. 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 <https://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 Michael Napier, DSN 879-6787, commercial (520) 538-6787, FAX DSN 879-4347, or e-mail to Michael.Napier@disa.mil. The JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The tracking number for the SUT is 51192.

FOR THE COMMANDER:



RICHARD A. MEADOR
 Chief
 Battlespace Communications Portfolio

Enclosure a/s

JITC Memo, JTE, Extension of the Special Interoperability Test Certification of Plant Equipment Incorporated (PEI) VESTA M-1 Version 2.4

Distribution:

Joint Staff J6I, Room 1E596, Pentagon, Washington, DC 20318-6000

Joint Interoperability Test Command, Liaison, ATTN: TED/JT1, 2W24-8C, P.O. Box 4502, Falls Church, VA 22204-4502

Defense Information Systems Agency, Net-Centricity Requirements and Assessment Branch, ATTN: GE333, Room 244, P.O. Box 4502, Falls Church, VA 22204-4502

Office of Chief of Naval Operations (N71CC2), CNO N6/N7, 2000 Navy Pentagon, Washington, DC 20350

Headquarters U.S. Air Force, AF/XICF, 1800 Pentagon, Washington, DC 20330-1800

Department of the Army, Office of the Secretary of the Army, CIO/G6, ATTN: SAIS-IOQ, 107 Army Pentagon, Washington, DC 20310-0107

U.S. Marine Corps (C4ISR), MARCORSYSCOM, 2200 Lester St., Quantico, VA 22134-5010

DOT&E, Net-Centric Systems and Naval Warfare, 1700 Defense Pentagon, Washington, DC 20301-1700

U.S. Coast Guard, CG-64, 2100 2nd St. SW, Washington, DC 20593

Defense Intelligence Agency, 2000 MacDill Blvd., Bldg 6000, Bolling AFB, Washington, DC 20340-3342

National Security Agency, ATTN: DT, Suite 6496, 9800 Savage Road, Fort Meade, MD 20755-6496

Director, Defense Information Systems Agency, ATTN: GS235, Room 5W24-8A, P.O. Box 4502, Falls Church, VA 22204-4502

Office of Assistant Secretary of Defense (NII)/DoD CIO, Crystal Mall 3, 7th Floor, Suite 7000, 1851 S. Bell St., Arlington, VA 22202

Office of Under Secretary of Defense, AT&L, Room 3E144, 3070 Defense Pentagon, Washington, DC 20301

U.S. Joint Forces Command, J68, Net-Centric Integration, Communications, and Capabilities Division, 1562 Mitscher Ave., Norfolk, VA 23551-2488

Defense Information Systems Agency (DISA), ATTN: GS23 (Mr. McLaughlin), Room 5W23, 5275 Leesburg Pike (RTE 7), Falls Church, VA 22041

ADDITIONAL REFERENCES

- (c) Defense Information Systems Agency (DISA), "Defense Switched Network (DSN) Generic Switching Center Requirements (GSCR), Incorporated Change 1," 1 March 2005
- (d) Chairman of the Joint Chiefs of Staff Instruction 6215.01B, "Policy for Department of Defense Voice Networks," 23 September 2001
- (e) Joint Interoperability Test Command, "Defense Switched Network Generic Switch Test Plan (GSTP), Change 1, Revision 1," 1 June 2005
- (f) JITC Memo, JTE, "Special Interoperability Test Certification of Plant Equipment Incorporated (PEI) VESTA M-1 Version 2.4," 4 October 2006