

DON CIO MESSAGE DTG: 241518Z JAN 08

UNCLASSIFIED//

SUBJECT: DEPARTMENT OF THE NAVY (DON) GUIDANCE ON WIRELESS LOCAL AREA NETWORK (WLAN) IMPLEMENTATION OF THE 802.11I STANDARD

REF/A/DOC/SECNAV/30NOV2006//

REF/B/DOC/DOD/14APR2004//

REF/C/DOC/DOD/02JUN2006//

NARR/ REF A, SECNAVINST 2075.1, PROVIDES GUIDANCE TO SECURE THE DON WLAN ENVIRONMENT TODAY AND SHAPE THE MOBILE LANDSCAPE OF THE FUTURE. IT MAY BE FOUND AT [HTTPS://DONI.DAPS.DLA.MIL/DEFAULT.ASPX](https://doni.daps.dla.mil/default.aspx). REF B, DODD 8100.2, PROVIDES GUIDANCE ON THE IMPLEMENTATION OF WIRELESS TECHNOLOGIES WITHIN THE GLOBAL INFORMATION GRID (GIG). IT MAY BE FOUND AT [HTTP://WWW.DTIC.MIL/WHs/DIRECTIVES/CORRES/DIR.HTML](http://www.dtic.mil/whs/directives/corres/dir.html). REF C, ASD (NII) MEMO, PROVIDES SUPPLEMENTAL GUIDANCE ON THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE) 802.11/WIFI-BASED SOLUTIONS AND MANDATED THE ADOPTION OF THE 802.11I STANDARD TO TAKE ADVANTAGE OF ITS ENHANCED ENCRYPTION AND AUTHENTICATION CAPABILITIES. IT IMPOSES MIGRATION PLANS AND REPORTING REQUIREMENTS FOR NON-COMPLIANT SOLUTIONS.

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RMKS/1. EMBRACING THE CONCEPT OF OPEN STANDARDS, WIRELESS TECHNOLOGIES SUCH AS IEEE 802.11/WIFI, OFFER GREAT PROMISE OF INTEROPERABILITY AND INCREASED INFORMATION ASSURANCE. AS THESE TECHNOLOGIES ADVANCE, THE DEPARTMENT OF THE NAVY (DON) MUST DYNAMICALLY ADJUST ITS POSTURE WITH REGARD TO HOW THESE SOLUTIONS ARE IMPLEMENTED. CONSEQUENTLY, REF A WILL BE UPDATED TO REFLECT THE REQUIREMENT THAT ALL 802.11/WIFI-BASED SOLUTIONS IMPLEMENT THE 802.11I ADDENDUM.

2. THE PURPOSE OF THIS MESSAGE IS TO PROVIDE GUIDANCE GOVERNING THE IMPLEMENTATION OF WIRELESS LOCAL AREA NETWORK (WLAN) SOLUTIONS UTILIZING THE IEEE 802.11 BODY OF STANDARDS, COMMONLY REFERRED TO AS ?WIFI?. THE PRIMARY FOCUS FOR THIS EFFORT IS UNCLASSIFIED WIRELESS NETWORKING SOLUTIONS.

3. CONSISTENT WITH REFS A, B AND C, IT IS THE INTENT OF THE DON TO TRANSITION TO THE USE OF 802.11I TECHNOLOGIES. EFFECTIVE IMMEDIATELY THE FOLLOWING REQUIREMENTS APPLY THROUGHOUT THE DON:

- A. ALL NEW WLAN ACQUISITIONS MUST SPECIFY THE 802.11I ADDENDUM.
- B. EXISTING NON-COMPLIANT WLAN SOLUTIONS MUST ENSURE MIGRATION TOWARD COMPLIANCE WITH THE 802.11I ADDENDUM. MIGRATION PLANS SHALL BE SUBMITTED TO THE DEPARTMENT OF THE NAVY CHIEF INFORMATION OFFICER (DON CIO) WITHIN 90 DAYS.
- C. ALL SOLUTIONS WILL CONTINUE TO BE CERTIFIED AND ACCREDITED BY THE APPROPRIATE DESIGNATED APPROVAL AUTHORITY (DAA) PRIOR TO IMPLEMENTATION.

4. ATTACHMENT 1 OF REF C SPECIFIES ADDITIONAL MANDATORY SECURITY IMPLEMENTATION GUIDELINES FOR 802.11 TECHNOLOGIES WHICH SHALL ALSO BE ADHERED TO THROUGHOUT THE DON.

5. RELEASED BY ROBERT J. CAREY, DEPARTMENT OF THE NAVY CHIEF INFORMATION OFFICER.