



ASSISTANT SECRETARY OF DEFENSE
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COMMAND, CONTROL,
COMMUNICATIONS, AND
INTELLIGENCE

June 17, 2003

MEMORANDUM FOR SERVICE ACQUISITION EXECUTIVES
UNDER SECRETARY OF DEFENSE (COMPTROLLER)
ASSISTANT SECRETARY OF DEFENSE (SO/LIC)
INSPECTOR GENERAL OF THE DEPARTMENT OF
DEFENSE
DIRECTORS OF THE DEFENSE AGENCIES
DIRECTOR, JOINT STAFF

SUBJECT: Radio Frequency (RF) Equipment Acquisition Policy

Reference: ASD(C3I) Memorandum, SUBJECT: Radio Acquisition Policy, dated
August 28, 1998

The above referenced policy memorandum was put in place to focus our tactical communications program towards the end objective of providing a family of software programmable radios that would greatly enhance our warfighter's wireless communications capabilities, while decreasing cost of ownership for this infrastructure.

The Joint Tactical Radio System (JTRS) will provide critical communications capabilities for the tactical wireless tails of the Global Information Grid (GIG). JTRS and its Software Communications Architecture (SCA) continue to evolve and have become a cornerstone to providing future net centric capabilities to our forces.

A recent Department of Defense study and continued technology advancements indicate that expanding the scope of the JTRS/SCA to all waveforms above 2MHz frequency is now viable. Therefore, to enhance our warfighting capabilities and to improve integration of our communication systems through networking technologies, the referenced Radio Acquisition Policy is hereby modified to specifically reflect that all such systems, including those operating above 2GHZ, are required to be developed in compliance with JTRS/SCA. The policy is now applicable to all communications waveforms/systems that operate at or above 2MHz. By specifically expanding this policy beyond 2GHZ, space-based laser and RF communications can be seamlessly integrated in to airborne and ground-based networks through an appropriate networking-services layer being developed for JTRS/SCA radios. All JTRS/SCA radios must be able to run the networking-services layer of the Wideband Networking Waveform (WNW), support



internet packed routing on the user and network sides of the radio, and must incorporate National Security Agency (NSA) certified software programmable cryptology.

This policy is effective immediately and is undergoing additional changes to address other opportunities that have accrued as the JTRS program and associated technologies have matured. It is expected that a new policy will be released for review and comments later this year.

The point of contact for matters concerning this guidance is Dr. Ron Jost, Director of Wireless/OASD(NII). He may be reached at 703-607-0737 or email ronald.jost@osd.mil.



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