



# Department of Defense INSTRUCTION

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ASD(NII)/CIO

**SUBJECT:** Policy on Rationalization of NATO and NATO Member Telecommunications Facilities

- References:
- (a) DoD Directive 2010.7, "Policy of Rationalization of NATO/NATO Member Telecommunications Facilities," July 6, 1981 (hereby canceled)
  - (b) Deputy Secretary of Defense memorandum, "DoD Directives Review – Phase II," July 12, 2005
  - (c) DoD Directive 2010.6, "Material Interoperability with Allies and Coalition Partners," November 10, 2004
  - (d) DoD Directive 4630.5, "Interoperability and Supportability of Information Technology (IT) and National Security Systems," May 5, 2004
  - (e) through (j), see Enclosure 1

## 1. REISSUANCE AND PURPOSE

This Instruction:

1.1. Reissues reference (a) as a DoD Instruction according to the guidance in reference (b).

1.2. Establishes DoD policy governing the rationalization of North Atlantic Treaty Organization (NATO) and NATO member telecommunications facilities; expands the policy guidelines of reference (c); and delineates responsibilities and cites guidance for DoD manpower utilization for the operation and maintenance of strategic and tactical communications systems within NATO.

## 2. APPLICABILITY

This Instruction applies to the Office of the Secretary of Defense, the Military Departments, the Chairman of the Joint Chiefs of Staff, the Combatant Commands, the Inspector General of the Department of Defense, the Defense Agencies, DoD Field Activities, and all other organizational entities in the DoD (hereafter referred to collectively as the "DoD Components").

### 3. DEFINITIONS

In addition to those definitions contained in enclosure 2 to reference (c), the following definitions are provided:

3.1. Rationalization. Interoperability by such measures as consolidation of support activities; mutual cooperation and support; restructuring of forces; specialization of appropriate defense tasks; and standardization. Telecommunications rationalization includes mutual support actions, such as interconnections, interoperation, collocation, consolidation, or integration of the separate NATO and NATO member strategic and tactical telecommunications subsystems and systems.

3.2. Telecommunications. Any transmission, emission, or reception of signs, signals, writings, images, sounds, or information of any nature by wire, radio, visual, or other electromagnetic systems.

### 4. POLICY

It is DoD policy to:

4.1. Achieve, in concert with U.S. allies, a more effective and credible defense capability through rationalization of NATO defense efforts. In telecommunications, this entails making command, control, communications, and computer (C4) systems as interoperable as practical. In some cases it may be necessary to deploy U.S. personnel and equipment to make systems that support combined operations interoperable.

4.2. Encourage NATO and NATO members to cooperate in, or to make common use of, research, development, production, and other resources to achieve the greatest degree of interoperable telecommunications and standardization.

4.3. Enhance survivability, recognizing that a primary means of achieving survivability is through redundancy and reconstitution. Within the limits of cost effectiveness, maximum use of existing and planned NATO and NATO member telecommunications facilities shall be made to improve telecommunications survivability.

4.4. Implement rationalization within fiscal constraints. To the extent possible, savings in other areas must offset individual project costs to each ally. Overall, rationalization shall enable each ally and the Alliance to improve its defense posture cost effectively by increasing the capacity, reliability, and survivability of NATO telecommunications systems.

4.5. Use telecommunications facilities of NATO or a member nation to the maximum extent feasible, provided reliable telecommunications may be assured and such use is cost effective.

4.6. Have the U.S. Government provide telecommunications capabilities, consistent with DoDD 4630.5 (reference (d)), DoDD 8000.1 (reference (e)), DoDD 8100.1 (reference (f)) and DoDD 8500.1 (reference (g)), that provide minimum essential control by U.S. forces, and, to the maximum extent feasible, complement NATO and NATO member telecommunications capabilities only in situations in which NATO or NATO members' telecommunications are nonexistent, inadequate, or not cost effective for U.S. Government use.

4.7. Achieve interoperability on a planned, step-by-step basis. Efforts toward consolidated, collocated, interconnected, interoperable systems shall result in mutually supportive U.S. Government, NATO, and NATO member systems that satisfy NATO, NATO members, and U.S. Government needs.

4.8. Not require U.S. ownership, operation, or maintenance of communications systems based solely on requirement for secure telecommunications if security may be achieved through encryption or other methods. Communications supporting the U.S. Nuclear Command and Control System (NCCS) must be under continuous U.S. control.

4.9. Determine which form of manpower (U.S. military, U.S. civil service, local civilian, local military, contract, or combination thereof) to employ based on a care weighing of the advantages and disadvantages of each form of personnel, taking into account such factors as potential savings in cost and personnel spaces and potential degradation of the U.S. communication system.

4.10. Make personnel and staffing determinations in accordance with the provisions of DoD Directive 1100.4 (reference (h)).

## 5. RESPONSIBILITIES

5.1. The Assistant Secretary of Defense for Networks and Information Integration/DoD Chief Information Officer (ASD(NII)/DoD CIO) shall:

5.1.1. Oversee compliance with this Instruction.

5.1.2. Focus DoD efforts to achieve interoperable and mutually supportive telecommunications within NATO.

5.1.3. Review, confirm, and prioritize requirements for the research, development, and acquisition of NATO C4 systems.

5.1.4. Support the development and acquisition of interoperable and, where feasible, standard telecommunications equipment, facilities, and systems.

5.1.5. Establish priorities for U.S., NATO, and NATO member requirements for U.S. telecommunications services and for U.S. use of NATO and NATO member telecommunications facilities.

5.1.6. Designate lead Military Department for expanding U.S. systems and, as appropriate, interconnecting with NATO, and NATO member systems.

5.1.7. Require the Director, Defense Information Systems Agency (DISA) to assess tactical communications systems and equipment to ensure interoperability with the Global Information Grid (GIG) or the NATO General Communications System (NGCS) in accordance with DoD Directive 4630.5 (reference (d)).

5.1.8. Assign responsibility to the Commander, U.S. European Command (USEUCOM), the Director, DISA, and the Secretaries of the Military Departments to develop draft international agreements or Memoranda of Understanding (MOU) for submission to and further action by the ASD(International Security Policy) and the General Counsel of the Department of Defense in accordance with DoD Directive 5530.3 (reference (i)).

5.1.9. Serve as the NGCS Liaison Officer, the U.S. focal point for all U.S. actions in support of NGCS, and the focal point for U.S. use of other NATO and NATO member telecommunications facilities. Coordinate through the ASD(International Security Policy) with the Department of State and the Department of Commerce, as well as the Chairman of the Joint Chiefs of Staff, the Secretaries of the Military Departments, and the Directors of the Defense Agencies and DoD Field Activities, as appropriate.

5.1.10. Grant exceptions to NATO promulgated NATO Standardization Agreements (STANAGs) to which the United States is party for a specific time period where unique U.S. specifications are a major impediment to U.S. adoption of an otherwise cost-effective allied system.

## 5.2. The Heads of the DoD Components, shall

5.2.1. Ensure current NATO promulgated STANAGs to which the United States is party are adhered to throughout the telecommunications equipments' life cycle.

5.2.2. Request ASD(NII)/DoD CIO grant an exception from a NATO promulgated STANAG that the United States is party for a specific time period where unique U.S. specifications are a major impediment to U.S. adoption of an otherwise cost-effective allied system.

5.2.3. Carry out assigned responsibilities contained in relevant international agreements, MOU, or similar documents between the U.S. Government and NATO and NATO member nations, including U.S. commitments made in support of NATO and NATO member telecommunications plans, programs, and policy.

5.3. The Chairman of the Joint Chiefs of Staff shall:

5.3.1. Function as the validation authority for U.S., NATO, and NATO member tactical and strategic requirements for U.S. telecommunications services and for U.S. use of NATO and NATO member telecommunications facilities in accordance with ASD(NII)/DoD CIO policy guidance.

5.3.2. Validate every international agreement and MOU authorized under the provisions of DoD Directive 5530.3 (reference (i)), or, as appropriate, request the Secretaries of the Military Departments to provide, operate, and maintain equipment, facilities, and systems (or services) required to support U.S., NATO, and NATO member telecommunications objectives.

5.4. The Commander, U.S. European Command or other Combatant Commanders as appropriate, shall:

5.4.1. Review and submit to the Chairman of the Joint Chiefs of Staff user requirements to employ NATO and NATO member telecommunications services, and NATO and NATO member requests to employ U.S. telecommunications services.

5.4.2. Monitor the implementation of U.S. support to NGCS and other NATO projects and report the status no less than annually to the Chairman of the Joint Chiefs of Staff.

5.5. The Secretaries of the Military Departments shall:

5.5.1. Submit approved NATO and NATO member telecommunications requirements for use of the GIG and U.S. requirements (involving the GIG) for inclusion in the GIG Five-Year Program (FYP).

5.5.2. For projects involving interfaces between non-GIG and NATO and NATO member telecommunications systems:

5.5.2.1. Participate in all negotiations concerning validated requirements.

5.5.2.2. Work to completion all international agreements, MOU, letters of agreement, or similar documents, based on the guidelines provided by the Chairman of the Joint Chiefs of Staff and DoD Directive 5530.3, reference (i).

5.5.2.3. Provide overall U.S. management of system-to-system interfaces, unless otherwise requested by the Chairman of the Joint Chiefs of Staff.

5.5.3. To the extent that such projects are funded and are consistent with the Secretary of Defense's guidance, fund validated projects that support U.S., NATO, and NATO member telecommunications objectives and approved or planned interfaces between non-GIG, NATO, and NATO member systems.

5.5.4. As required by an international agreement or authorized under the provisions of DoD Directive 5530.3 (reference (i)), or as requested by the Chairman of the Joint Chiefs of Staff, provide, operate, and maintain equipment, facilities, and systems (or services) required to support U.S., NATO, and NATO member telecommunications objectives.

5.5.5. Represent U.S. interests within NATO communications forums and with NATO members, as appropriate.

5.5.6. Coordinate with and assist the Director, DISA when required.

5.6. The Director, Defense Information Systems Agency shall:

5.6.1. Represent U.S. interests within NATO communications fora and with NATO members, as appropriate.

5.6.2. Provide technical support for U.S., NATO, and NATO member telecommunications objectives by participating in designated telecommunications architectural development and design and by participating in the development of telecommunications standards.

5.6.3. Include all Chairman of the Joint Chiefs of Staff validated GIG interfaces with NATO and NATO member systems and U.S. NGCS projects in the GIG FYP and the Defense Satellite Communications System FYP Plans. Recommend specific funding responsibilities and lead Military Department assignments.

5.6.4. Request appropriate NATO telecommunications bodies to provide updated cost and schedule data for NGCS and U.S. GIG and NATO-related projects in telecommunications plans and programs for inclusion in the annual FYP Plan.

5.6.5. For projects involving interfaces between the GIG and NATO and NATO member telecommunications systems:

5.6.5.1. Participate in all negotiations concerning validated requirements.


5.6.5.2. Work to completion all international agreements, MOU, letters of agreement, or similar documents, based on the guidelines provided by the Chairman of the Joint Chiefs of Staff and DoD Directive 5530.3, reference (i).

5.6.5.3. Provide management of system-to-system interfaces in conjunction with a lead Military Department, unless otherwise directed by the ASD(NII)/DoD CIO or requested by the Chairman of the Joint Chiefs of Staff in coordination with the ASD(NII)/DoD CIO.

5.7. The Director, National Security Agency/Chief, Central Security Service shall provide communications security support, in accordance with the provisions of DoD Directive C-5200-5 (reference (j)).

6. EFFECTIVE DATE

This Instruction is effective immediately.



Linton Wells II  
Acting Assistant Secretary of Defense  
(Networks & Information Integration)

Enclosures – 1

E1. References, continued

E1. ENCLOSURE 1

REFERENCES, continued

- (e) DoD Directive 8000.1, "Management of DoD Information Resources and Technology," February 27, 2002
- (f) DoD Directive 8100.1, "GIG Overarching Policy," September 19, 2002
- (g) DoD Directive 8500.1, "Information Assurance," October 24, 2002
- (h) DoD Directive 1100.4, "Guidance for Manpower Management," February 12, 2005
- (i) DoD Directive 5530.3, "International Agreements," June 11, 1987
- (j) DoD Directive C-5200.5, "Communications Security (COMSEC) (U)," April 21, 1990