

HQ US ARMY MATERIEL COMMAND REGULATION
HQ NAVAL SEA SYSTEMS COMMAND INSTRUCTION
HQ AIR FORCE SYSTEMS COMMAND REGULATION
HQ AIR FORCE LOGISTICS COMMAND REGULATION
HQ US MARINE CORPS ORDER

AMC-R 750-52
OPNAVINST 3960.13
AFSCR 800-13
AFLCR 800-13
MCO 4081.1

Logistics Policy

JOINT SERVICES AUTOMATIC TESTING - EXECUTIVE BOARD



1 October 1987

DEPARTMENTS OF THE ARMY, THE NAVY, AND THE AIR FORCE, AND THE MARINE CORPS

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Washington, DC 20380-0001

1 October 1987

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JOINT SERVICE AUTOMATIC TESTING - EXECUTIVE BOARD

Supplements to this directive are prohibited. Send suggested or required changes to the Service office of primary responsibility (OPR).

Purpose: This directive describes and implements the Joint Service Automatic Testing - Executive Board (JSAT-EB) reporting to the Services' logistics commanders through the OPRs.

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OPR: AMC/AMCTM-E
NAVSEA/CHENG-L
AFSC/PLLM
AFLC/LOC/TGS
HQMC (LMA-3(5))

Distribution (see page 6).

1. Scope. This directive applies to the JSAT-EB and its members in their capacity as JSAT-EB members. When this directive conflicts with other directives of the same level, this regulation will be used. Report conflicts to the OPR of this document.

2. Purpose of the JSAT-EB. The JSAT-EB is established to review the Services' development, selection, acquisition, and logistics policies as they relate to automatic testing; to establish a comprehensive program to improve that process, to include developing and implementing a long-range, definitive action program on automatic testing; and to oversee and advise the Automatic Testing Technology Standardization (ATTS) Program.

3. Explanation of Terms. Terms used in this document, except automatic testing, are defined in MIL-STD-1309, Definitions of Terms for Test, Measurement, and Diagnostic Equipment (TMDE). The term automatic testing is defined to include the elements of automatic test equipment, test program sets, built-in-test, design for testability, diagnostics and performance monitoring.

4. Background. The Joint Commanders Panel (JCP) on Automatic Testing was established on 22 March 1978 to develop and implement a long-range, definitive action program on automatic testing. The program was intended to focus on aspects of automatic testing that could benefit most from Acquisition Support and Advanced Technology. These were areas where exchange among the Services would avoid duplication of effort and selected standardization efforts would increase cost effectiveness of operations. Many of the goals and objectives of the Joint Panel on Automatic Testing have been accomplished. A formal panel is no longer needed to manage the remaining tasks. In its place a JSAT-EB is being established.

5. Objectives of the JSAT-EB.

a. Reduce proliferation of automatic test equipment (ATE) and dependence on off-line ATE.

b. Improve management of ATE development and acquisition, and institutionalize and integrate improvements into the weapon system management process.

c. Enhance the readiness of weapon systems and automatic testing systems by applying design for testability.

d. Improve communication and exchange of information among the Services and industry in the areas of management, acquisition, testing technology, and training.

e. Improve productivity and quality through more effective application of automatic testing technology.

f. Assure development, transition, and application of advancing testing technology to testing problems.

g. Enhance standardization of the Services' automatic testing programs, including development of appropriate standards and specifications.

6. Policy and Procedures.

a. The JSAT-EB will be composed of one principal and one alternate representative from the logistics organization of each of the Services (AMC, Navy, AFLC, AFSC) who will be designated as members by the service OPRs. Board members may appoint additional members from within their own organization to serve as board support personnel. Defense Logistics Agency (DLA) and the Marine Corps are considered associate members.

b. The JSAT-EB will be chaired by a member from the logistics organization of one of the Services. The chair will rotate biannually among organizations. No organization may serve a second term as chairperson until each organization has served a term as chairperson in each rotational cycle. No organization may succeed itself as chairperson, nor can the chair be declined.

c. The JSAT-EB will meet quarterly according to a schedule determined by the chairperson or as directed by higher authority.

d. The chairperson will call any additional meetings as required.

e. OPRs will oversee and direct the efforts of the JSAT-EB. The OPRs are as follows:

(1) AMC. Deputy Executive Director for Test, Measurement, and Diagnostic Equipment, ATTN: AMCTM, Army Materiel Command, 5001 Eisenhower Avenue, Alexandria, Virginia, 22333-0001.

(2) NAVSEA. Commander, Naval Sea Systems Command, ATTN: CHENG-L, Washington. DC 20362-5100.

(3) AFC. Commander, Logistics Operations Center, ATTN: LOC/CC Air Force Logistics Command, Wright-Patterson Air Force Base, OH 45433-5001.

(4) AFSC. Deputy Chief of Staff/Product Assurance and Acquisition Logistics, ATTN: PL, Air Force Systems Command, Andrews Air Force Base, DC 20344-5000.

7. Responsibilities.

a. The JSAT-EB is responsible for accomplishing the following tasks:

(1) Develop methods of reducing hardware, software, and manpower costs associated with automatic testing for support of weapon systems.

(2) Devise policies, plans, and procedures in the use of automatic testing hardware and software to improve operational readiness of weapon systems.

(3) Facilitate exchange, among the Services and the Office of the Secretary of Defense (OSD), of technical, managerial, and operational information on automatic testing hardware and software as it applies to the support of weapon systems.

(4) Advise and oversee AFSC's management of the ATTS Program as the Department of Defense-designated agent under the Defense Materiel Specifications and Standards Office (DMSSO).

b. The JSAT-EB will undertake the following activities in order to accomplish its assigned tasks:

(1) Review policies and procedures on a Service-wide basis to ensure the most effective definition, application, and support of automatic testing hardware and software in the acquisition management process.

(2) Review system engineering and logistics tools, techniques, and guidelines that enhance the application of automatic testing in the design and support of weapon systems and subsystems.

(3) Review Research and Development (R&D) planning and execution in testing technology and associated software to minimize duplication of effort and to support achievement of common testing technology objectives.

(4) Report findings and recommendations.

(5) Interface with industry.

c. The JSAT-EB will assign tasks as required to accomplish the functions described in 7a and 7b and address any evolving requirements.

8. Reports.

a. The JSAT-EB will publish a written report annually. The chairperson will determine the format and contents of the report, but it must cover, at a minimum, board activities for the previous year and will include findings, recommendations, accomplishments, and status of tasks assigned by the board. The reporting requirement contained in this directive is exempt from reports control by OPNAVINST 5214.7.

b. The JSAT-EB will publish annual automatic testing guidance to be signed by the Services' logistics commanders.

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