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ARMY REGULATION
No. 70–69

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, *15 June 1982*

RESEARCH, DEVELOPMENT, AND ACQUISITION

MAJOR RANGE AND TEST FACILITY BASE

Effective 15 July 1982

This regulation implements DOD Directive 3200.11, Major Range and Test Facility Base, at Appendix A.

Local limited supplementation to this regulation is permitted but is not required. If supplements are issued, HQDA agencies and major Army commands will furnish one copy of each to HQDA (DAMA–PPM–T), WASH DC 20310; other commands will furnish one copy of each to the next higher headquarters.

Interim changes to this regulation are not official unless they are authenticated by The Adjutant General. Users will destroy interim changes on their expiration dates unless sooner superseded or rescinded.

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CHAPTER 1
INTRODUCTION

1–1. Purpose. This regulation—

a. Prescribes policies and responsibilities for management and operation of the Army's test and evaluation (T&E) activities identified as the DA Major Range and Test Facility Base (MRTFB). (DA MRTFB activities are shown at para 1–6.)

b. Establishes policies and procedures for providing T&E support to users with valid requirements for DA MRTFB activities.

1–2. Applicability. *a.* This regulation applies to—

(1) The Active Army and the US Army Reserve.

(2) Authorized users of DA MRTFB activities.

b. It does not apply to the Army National Guard.

1–3. Reference. AR 37–112 (Management Accounting for RDTE Appropriation) is a required publication. It is cited in paragraph 2–2*a*.

1–4. Explanation of terms. Special terms used in this regulation are explained in the glossary.

1–5. Responsibilities. *a. The Secretary of the Army.* The Secretary of the Army, through appropriate major Army command (MACOM) and subordinate commanders, will—

(1) Structure the use, management, and operation of DA MRTFB activities. These will support specific DOD test programs and missions, and other user requirements considered in the activities' missions.

(2) Insure the adequacy of planning, programing, and budgeting. This will provide for the modernization and maintenance of test support capabilities. Modernization and maintenance is considered within the availability of institutional funds and reimbursement collected from activity users.

(3) Develop and implement a reimbursement system. This will define and collect user charges per DOD guidance and chapter 2 of this regulation.

(4) Establish and maintain an intra-Governmental coordination management process. This will achieve full consideration of DA MRTFB capabilities during the T&E planning process; it also will maximize current capabilities without duplication and unnecessary acquisitions.

(5) Insure assessment of the environmental consequences of T&E support actions within and outside the United States. This will be done before the first significant decision point.

b. MACOM commanders. These commanders will—

(1) Validate or approve resource acquisition requirements and master plans of DA MRTFB activities.

(2) Insure that all proposals or actions for expansion, modernization, or establishment of DA MRTFB testing capabilities are not unnecessary duplications.

(3) Monitor dollar and manpower resource expenditures of the DA MRTFB. This will insure meeting the established goals of DA or the Office of the Secretary of Defense (OSD).

(4) Develop and publish an annual master resource programing and acquisition document for the command. This will be a composite of individual DA MRTFB activity master plans.

(5) Develop and disseminate (as wide as possible) an Army activity user's guide. This will provide overall DA MRTFB capability summaries and specific procedures for introducing or requesting tests, test support services, and financing. It should be used in conjunction with the Army Test Facilities Register (TESTFACS) and the Directory of MRTFB Summary of Capabilities; this Directory is published by the Office of the Undersecretary of Defense for Research and Engineering (OUSDRE).

c. DA MRTFB activity commanders. These commanders will—

(1) Manage and operate the test activity according to a master plan. This plan will maximize

use of the DA MRTFB capabilities without duplication and unnecessary acquisitions.

(2) Develop and disseminate (as wide as possible) an activity guide. This guide will specify procedures for introducing new or revised testing requirements, test support services, and financial reimbursement.

(3) Furnish estimates of operational, maintenance, and modernization requirements. These will be based on projected workloads (including preparation and submission of the 5-year Military Construction Army (MCA) Program) to facilitate planning, programing, and budgeting processes.

(4) Provide or arrange for test support and resources. This will include other activities when support is beyond the capabilities of the lead activity. As required, test support will include the following services:

(a) Instrumentation.
(b) Tracking and data acquisition.
(c) Data reduction.
(d) Communications.
(e) Meteorology.
(f) Target and other threat representations.
(g) Utilities.
(h) Photograph.
(i) Calibration.
(j) Security.
(k) Safety.
(l) Recovery.
(m) Maintenance and repair.
(n) Frequency management and control.
(o) Base support services relevant to the activity mission.

(5) Limit military use of offshore areas to those considered essential; share these areas with nonmilitary interests.

(6) Avoid the use of test firing azimuths where an errant trajectory could have international implications. These will include intercontinental ballistic missiles, submarine-launched ballistic missiles, and space boosters. Compliance with the Strategic Arms Limitation Agreement is required. (See para D3*h* of app A.)

(7) Insure that operational requirements are accomplished safely. These will consider injury prevention, damage control, regulatory compliance, and liability limitations. When more than one activity is involved in a test, the lead activity commander will be responsible for safety. However, in the case of earth recovery or orbital tests, post-launch safety responsibility rests with the activity controlling the recovery portion of the flight and not with the lead range. Specific responsibilities are listed below.

(a) Determine policies; enforce safety procedures.

(b) Coordinate safety plans and procedures with other agencies in potentially affected areas; issue notices within the United States and to foreign governments regarding anticipated hazards.

(c) Coordinate on public affairs plans; assist in disseminating information.

(d) Establish allowable ground and flight safety conditions; insure that the hardware system or material under test does not violate these conditions.

(e) Notify the Army Operations Center and the National Military Command Center when an accident or errant trajectory has international implications.

(f) Insure that activity users with payloads containing radioactive materials have complied with requirements contained in the Nuclear Safety Review and Approval Procedures for Minor Radioactive Sources in Space Operations. (See para D3*i*(6) of app A.)

(g) Eliminate hazards resulting from impacts of hardware from DA MRTFB tests. These include such things as floating hazards to surface navigation and hazards to life or property on land.

d. Users of DA MRTFB activities. These users will—

(1) Provide complete and timely notification of test and test support requirements. This notification will include system performance characteristics, safety statements, and environmental documentation required by the National Environmental Policy Act.

(2) Plan, budget, and reimburse DA MRTFB activities for support costs. These will be specified by the activity as given in chapter 2.

(3) Obtain prior concurrence from the activity

before entering into contractual agreements with activities-use provisions.

(4) Obtain prior approval from the activity for the use of user-furnished instrumentation and ground support equipment. This will insure compatibility and prevent duplication. Test support capabilities, beyond those available from the activity, will be identified within the Coordinated Test Program and the T&E Master Plan.

(5) Insure tests comply with international treaties and other agreements. This will include certification to the activity commander that nuclear safety procedures for radioactive sources in space operations have been satisfied; reporting requirements specified by the Assistant to the Secretary of Defense (Atomic Energy) also will be included.

(6) Coordinate system safety measures with the serving DA MRTFB activity.

1–6. Organization and operation. *a.* The DA MRTFB is an aggregation of T&E activities. It is designed to provide support capabilities based on DOD component requirements without unnecessary duplication. DA MRTFB is operated and managed under uniform guidance primarily for DOD components. However, DA MRTFB activities are available to all users with valid hardware testing and test support requirements. Such users include other US Government agencies, foreign governments sponsored by US Government agencies, and authorized private organizations. DA MRTFB activities are shown below.

(1) White Sands Missile Range (WSMR).

(2) Kwajalein Missile Range (KMR).

(3) Yuma Proving Ground (YPG).

(4) Dugway Proving Ground (DPG).

(5) Electronic Proving Ground (EPG).

(6) Aberdeen Proving Ground (APG).

b. Test resources will be scheduled for DOD components without discrimination.

(1) DA MRTFB resources will be allocated for DOD components, based primarily on future key test or decision milestones in test-sponsoring schedules. For allocation decisions, DA MRTFB activities will use the DOD Master Urgency List and priority listings of the Deputy Chief of Staff for Operations and Plans.

(2) Scheduling conflicts that cannot be resolved at activity level will be referred through command channels to the Office of the Deputy Chief of Staff for Research, Development, and Acquisition.

(3) When a user's support requirements involve several DA MRTFB activities, a lead DA MRTFB concept will be employed. The lead DA MRTFB activity usually provides major support or originates the test. The lead activity will be the point of contact in coordinating user requirements with activities providing support.

(4) The Major Range and Test Facility Committee (MRTFC), as a permanent DOD organization, will have advisory and coordination responsibilities. This will insure that unnecessary duplication of DA MRTFB capabilities does not occur.

c. Capabilities of all Army testing installations and activities are contained in TESTFACS and the Directory of MRTFB Summary of Capabilities.

d. MACOMs and agencies with requirements for development, product improvement, production, or post-production of military materiel will use DA MRTFB activities instead of establishing in-house capabilities or contracting for testing services.

CHAPTER 2
FINANCE

2–1. Financing. The DOD Uniform Funding Policy insures that all DA MRTFB activities are financed and users are charged in a uniform manner. (See para E of app A.)

a. Costs attributable to a specific user will be funded by customer funds. (See para 2–3.)

b. Costs of retaining and operating a DA MRTFB will be financed by the parent command. This will be done when costs cannot be consistently and uniformly identified to specific range and activity users.

c. Effort needed to carry out the test, and subject to reimbursement, will not be provided before customer-funded reimbursable orders are received.

d. DA MRTFB funding is designed to enhance effective testing and development of materials. This will insure inter-Service compatibility and efficiency without duplicating facilities or inhibiting legitimate and valid testing.

2–2. Accounting. *a. Job order accounting.* A job order cost accounting system, as described in AR 37–112, will be required as a minimum. It will provide for—

(1) The application of costs to each user program or test. This will be based on generally accepted accounting procedures in a consistent and uniform manner in the reimbursement categories outlined in paragraph 2–3.

(2) The capability to relate estimated versus actual costs. This will facilitate management review and analysis of programed accomplishments.

(3) The integrity of the receipt, distribution, and control of funds. This will be done per statutory requirements that include reporting of actual operating results.

b. Classification of direct and indirect costs.

(1) *Direct costs.* Direct costs may include the following classifications:

(a) Civilian labor costs that include a load factor covering fringe benefits.

(b) Military labor costs based on published rate tables.

(c) Supplies and materials.

(d) Temporary duty travel.

(e) Second destination transportation.

(f) Costs associated with vehicles.

(g) Costs associated with Army aircraft.

(h) Minor construction costs.

(i) Utility costs.

(j) Special purpose or project, peculiar equipment, or facilities costs. These will include costs to remove equipment or facilities and restore the area upon termination of a test or program.

(k) Base operations support provided in support of user's program.

(l) Startup and shutdown time along with standby costs.

(m) All detailed planning, reporting, and engineering costs; this will include test preparation costs (such as scheduled readiness checks and tests of equipment).

(n) Recovery of materials due to user test operations.

(o) Printing and photographic services.

(p) Costs associated with aborts and cancellations.

(q) Repair or replacement costs resulting from in-test damage or destruction of equipment and facilities.

(r) Costs of products or services provided on a standard rate basis.

(2) *Indirect costs.* Indirect costs may be placed in the following broad classifications:

(a) General and administrative expenses for base operations. These are expenses incurred by cost centers primarily engaged in administrative-type functions (such as the offices of the commander and the comptroller, and the personnel office).

(b) Operating or other operating (manufac-

turing expenses) overhead. These are indirect costs incurred within the activity primarily responsible for supporting or conducting a test program or project; they cannot be identified with individual users.

(c) Investments. These are nonconsumable items of common-use equipment. They must cost more than $3,000, have an expected useful life of more than 1 year, and benefit multiple-user programs or projects.

c. Standard rates.

(1) The development and use of standard rates, or fixed prices, by individual activities are encouraged. Standard rates for test programs may include associated maintenance or lease costs. Typical direct test support costs, conducive to standard rate development, include the following items:

(a) Vehicles.
(b) Equipment usage.
(c) Aircraft.
(d) Ammunition handling.
(e) Automatic data processing equipment.
(f) Test instrumentation.

(2) Such rates will be based on consistently applied costing practices for the recovery of projected and incurred costs.

(3) Standard rates may be developed and applied to customer orders or programs for product or service costs that are—

(a) Quantitatively measured.

(b) Provided on a consistent and continuing basis.

(c) Identified directly to a specific customer or program at the time of actual consumption.

(4) The use of standard rates provides for, and results in, equitable application of costs.

(5) Funded costs meeting the guidance above will be considered direct costs.

2–3. Reimbursements for range use. *a.* DOD users will reimburse the activity for direct costs (excluding military labor). These are costs that can be reasonably, economically, or conveniently identified to specific test programs or groups of similar test programs undergoing concurrent execution.

b. Other Federal agencies will reimburse the activity for direct costs (including military labor) and indirect costs. These costs will exclude military retirement, depreciation, and the unfunded portion of civilian retirement. Computation and application of indirect costs will be identified by each activity; they will then be made available to the user.

c. Non-Federal agencies and commercial users, including foreign governments, will reimburse activities for full costs. Exceptions will include the following categories:

(1) *Commercial users.* When the commercial user is provided support through a contractual agreement as Government-furnished services, the user's charges will be based on the reimbursement category of the contracting Government agency.

(2) *Foreign governments.* When foreign governments are engaged in a cooperative arrangement specifically approved by DA, they will be billed at the rate applicable to the Government sponsor.

d. Current reimbursable support agreements with non-DOD agencies, in effect as of the date of this regulation, may continue in effect until 30 September 1982. They then will be made consistent with this regulation.

APPENDIX A

September 29, 1980#
NUMBER 3200.11

USDR&E

Department of Defense Directive

SUBJECT: Major Range and Test Facility Base

References: (a) DoD Directive 3200.11, "Use, Management and Operation of Department of Defense Major Ranges and Test Facilities," June 18, 1974 (hereby canceled)
(b) DoD 5025.1-M," DoD Directives System Procedures," April 1981, authorized by DoD Directive 5025.1, "Department of Defense Directives System," October 16, 1980
(c) DoD Instruction 4410.3, "Policies and Procedures for the DoD Master Urgency List (MUL)," April 4, 1978
(d) through (p), see enclosure 1

A. REISSUANCE AND PURPOSE

1. This Directive reissues reference (a) to reflect changes in scope and to delineate policies and responsibilities for the management and operation of specific Department of Defense test and evaluation (T&E) activities (enclosure 2) (hereafter referred to as the Major Range and Test Facility Base (MRTFB)).

2. This Directive authorizes publication of DoD 3200.11-D, "Major Range and Test Facility Base, Summary of Capabilities," consistent with reference (b)).

B. APPLICABILITY

The provisions of this Directive apply to the Office of the Secretary of Defense, the Military Departments, the Organization of the Joint Chiefs of Staff, and the Defense Agencies (hereafter referred to as "DoD Components").

C. POLICY

1. The MRTFB is a national asset which shall be sized, operated, and maintained primarily for DoD test and evaluation support missions, but also be available to all users having a valid requirement for its capabilities.

a. The MRTFB consists of a broad base of T&E activities managed and operated under uniform guidelines to provide T&E support to DoD Components responsible for developing or operating materiel and weapon systems.

#First Amendment (Ch 1, 7/28/81)

b. Other U.S. Government agencies and allied foreign governments and, when authorized, private organizations may be permitted to use the MRTFB.

2. Scheduling of test resources shall be based on a priority system that gives equitable consideration to all DoD Components. Use of existing Military Department priority and precedence rating systems is encouraged, but such sys- * tems must accommodate DoD priorities (DoD Instruction 4410.3, reference (c)), * and not discriminate among DoD programs on the basis of DoD Component sponsorship.

a. While priorities and precedence ratings are a primary condition, test support schedules shall also recognize specific time restrictions (such as launch windows and Defense Systems Acquisition Review Council schedule milestones), and minimize delays to lower priority projects.

b. Scheduling conflicts that cannot be resolved at the activity or Military Department level shall be referred to the Under Secretary of Defense for Research and Engineering.

3. Major MRTFB test and evaluation support capabilities shall be based on a combination of user requirements and the mission of the activity and shall not be duplicated elsewhere within the Department of Defense. The MRTFB shall be configured and operated to provide adequate support to DoD Components without unnecessary internal duplication.

4. When a test requires the support of more than one MRTFB activity, a lead MRTFB activity concept shall be used. The lead MRTFB activity usually provides major support or originates the test.

a. The lead activity serves as the principal point of contact with the user for planning, execution, and reimbursements, and coordinates with other activities to obtain total support.

b. Scheduling and coordinating groups (such as the Southeastern Test and Training Area Coordinating Agency, the Joint Pacific Area Scheduling Office, and the R-2508 Restricted Area Complex Control Board) shall be established when interactivity coordination and scheduling must routinely occur.

5. The Major Range and Test Facility Committee (MRTFC) shall act as a permanent organization to coordinate planning and actions with respect to the MRTFB.

a. The committee is composed of a representative of each Military Department, the Office of the Assistant Secretary of Defense (Manpower, Reserve Affairs, and Logistics), and the Director, Defense Test and Evaluation (DDTE), and will be chaired by the DDTE.

b. The MRTFC will meet at the call of the chair and have an advisory and coordination responsibility to ensure present and future adequacy of the MRTFB and to avoid unnecessary duplication.

D. RESPONSIBILITIES

1. The Under Secretary of Defense for Research and Engineering through the Director Defense, Test and Evaluation, shall:

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a. Establish policy for the MRTFB including composition, use, and test program assignment.

b. Monitor and evaluate the MRTFB to ensure its adequacy to meet requirements and to prevent unnecessary duplication.

c. Alter the composition of the MRTFB, if necessary, in coordination with the cognizant Military Department.

* d. Develop, in coordination with the Military Departments, and issue a directory, "Major Range and Test Facility Base, Summary of Capabilities," DoD 3200.11-D. *

2. The Secretaries of the Military Departments shall:

a. Manage and operate each MRTFB activity, as designated in enclosure 2.

b. Structure their activities to support specific kinds of DoD tests and programs and, within available resources, any other user requirements considered within the mission of the facilities.

c. Plan, program, and budget for institutional costs and implement a reimbursement system to define and collect user charges as described in section E.

d. Modernize test support capabilities, and replace or repair general purpose instrumentation, equipment, and facilities.

* e. Ensure early MRTFB participation in the T&E planning process of new defense materiel and systems (DoD Directive 5000.3, reference (d)) to maximize use of existing test support capabilities, avoid unnesary new acquisition, prevent duplication, and permit development of new capabilities. *

* f. Assess the environmental consequences of proposed actions within the United States (DoD Directive 6050.1, reference (e)), and outside the United States (DoD Directive 6050.7, reference (f)), before the first significant decision point. * *

g. Establish and maintain an intergovernmental coordination management process to achieve full consultation of MRTFB land and facility plans and * projects (DoD Directive 4165.61, reference (g)). *

3. Under the direction of the Secretary of the Military Department concerned, the activity commander shall:

a. Develop and maintain a master plan for developing and operating the MRTFB activity.

b. Develop and disseminate an activity users' guide which provides capability summaries and procedures for introducing a test program.

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c. Coordinate and cooperate with prospective users to assist in T&E planning, including trade-off analyses and optimization of test scenarios based on the test objectives and test support capabilities.

d. Support the planning, programing, and budgeting process by providing estimates of operations, maintenance, and modernization requirements to accomplish projected workloads and maintain the activity.

e. Manage the activity, administer the operating program, and obtain reimbursements from users in accordance with section E.

f. Provide or arrange for test support and resources, including, as appropriate, tracking and data acquisition, data reduction, communications, meteorology, targets, utilities, photography, calibration, security, recovery, maintenance and repair, frequency management and control, and base support services relevant to the facility mission. This includes other ranges when range support is required beyond the nominal boundaries or capabilities of the lead activity.

g. Limit military use of offshore areas to that considered essential * and share the areas with nonmilitary interests (DoD Directive 3100.5, reference (h)). *

h. Comply with procedures for implementation of Strategic Arms Limitation agreements and measures agreements (DoD Instruction S-5100.72, reference * (i)). In addition, avoid the use of test firing azimuths for intercontinental * ballistic missiles, submarine-launched ballistic missiles, and space boosters which could allow the trajectory, if extended, to approach closely, overfly, or impact on the national territory of the Union of Soviet Socialist Republics (USSR).

i. Ensure safety is consistent with operational requirements, which includes the prevention of test objects from violating established limits through impact for vehicles with suborbital trajectories and through orbital injection or escape velocity for space vehicles. When more than one activity is involved in a test, the lead activity shall be responsible for safety. For earth recovery or impact of orbiting space vehicles, the safety responsibility rests with the activity controlling the recovery portion of the flight. Specific responsibilities are:

(1) Determine policies and enforce safety procedures.

(2) Coordinate safety plans and procedures with other agencies within potentially affected areas and issue notices within the United States and to foreign governments regarding anticipated hazards from test activities.

(3) Coordinate on public affairs plans and assist in disseminating appropriate information.

(4) Establish allowable ground and flight safety conditions and take appropriate action to ensure that test articles do not violate the conditions.

(5) Notify the National Military Command Center if an accident or errant trajectory occurs that may have international implications.

(6) Ensure that facility users with payloads containing radioactive materials have complied with the requirements of the National Aeronautics and Space Council (NASC) Document (reference (i)).

4. The MRTFB Activity Users shall:

a. Provide timely and complete notification of support requirements, using documentation formats prescribed by the activity. Initial requirements shall be certified to the activity commander by the system manager concerned.

b. Plan, budget, and reimburse the MRTFB activities for support costs, as specified by the activity, based on the criteria in section E.

c. Obtain prior concurrence from the activity before entering into any contractual commitment containing activity use provisions.

d. Obtain prior approval from the activity for use of user-furnished instrumentation and ground support equipment to ensure compatibility and prevent duplication. Operate and maintain ground equipment and support facilities assigned for their exclusive use.

e. Provide timely notification of test system performance characteristics, such as planned flight trajectories, in accordance with established activity requirements.

f. Document unique test support capabilities needed beyond those presently available or planned by the activity in section E. of the T&E Master Plan (DoD Directive 5000.3, reference (c)).

g. Ensure that tests comply with international treaties and other agreements.

h. Coordinate system safety measures with the activity (DoD Instruction 5000.36, reference (j)).

i. Certify to the activity commander that the nuclear safety procedures for radioactive sources in space operations have been satisfied (NASC Document, reference (i)); and make required reports to the Assistant to the Secretary of Defense (Atomic Energy) in accordance with ATSD(AE) memorandum (enclosure 3).

E. FINANCIAL

1. Funding. Funding of the MRTFB is designed to (a) assure the most effective development and testing of materiel; and (b) provide for interservice compatibility, efficiency, and equity without influencing technical testing decisions or inhibiting legitimate and valid testing. The activities listed in enclosure 2 shall be funded in a uniform manner. All costs that are not reimbursed by users as defined in subsection E.3., shall be funded by the managing activity.

2. Accounting and Reimbursement. The Job Order Cost Accounting System and the related definitions specified in DoD Instruction 7220.24 (reference

(k)) are a minimum requirement to support financial management and funding policies. The cost accounting system shall be used to determine charges under interservice or interagency agreements pursuant to DoD Directive 4000.19 (reference (l)). Reimbursement for use of the MRTFB will be consistently determined within the Department of Defense.

3. Reimbursements for Range Use

a. DoD Component users shall reimburse the activity for direct costs which can be identified readily with the particular program support excluding military labor costs. Direct costs include labor, material, minor construction, utilities, equipment, supplies, and any other resources damaged or consumed during testing or maintained for a particular user. The cost of each direct labor hour shall be in accordance with DoD 7220.9-H (reference (m)), and requires identification to a job or function served.

b. All other federal agencies shall reimburse the activity for direct costs, including military labor, plus indirect costs excluding military retirement, depreciation, and the unfunded portion of civilian retirement. Indirect costs include management and other costs which normally are not identifiable to a particular program. The computation and application of indirect costs shall be documented by each activity and be available to the user.

c. All nonfederal agencies and commercial users shall reimburse the activity for direct and indirect costs in accordance with DoD Instruction 7230.7 (reference (n)). However, when the use of an activity has been included in a contractual agreement as Government-furnished services, the user shall be charged, based on the category of the contracting Government agency (paragraph 3.a. or b.). Foreign users shall reimburse the activity in accordance with DoD Instruction 2140.1 (reference (o)) for Foreign Military Sales (FMS) cases or DoD Instruction 7230.7 (reference (n)), when no FMS case is involved.

d. The development and use of standard rates or fixed prices by individual activities are encouraged. Such rates shall be based on consistently applied costing practices for computing projected incurred cost. The cost element increments identified above shall be included in developing such rates and prices.

e. Users normally shall be billed for costs associated with aborts and cancellations. The liability shall be equal to the direct costs incurred on the user program aborted or canceled.

f. Application of this reimbursement policy to the Atlantic Fleet Weapons Training Facility is effective FY 1983. Current reimbursement agreements with non-DoD agencies as of the effective date of this Directive may continue in effect until September 30, 1982, at which time they will be made consistent with this Directive.

Sept 29, 80
3200.11

F. EFFECTIVE DATE AND IMPLEMENTATION

This Directive is effective immediately. Forward one copy of implementing documents to the Under Secretary of Defense for Research and Engineering within 120 days.

W. Graham Claytor, Jr.
Deputy Secretary of Defense

Enclosures - 3
1. References
2. Major Range and Test Facility Base
3. Assistant to the Secretary of Defense (Atomic Energy) Memorandum, December 11, 1978

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REFERENCES, continued

* (d) DoD Directive 5000.3, "Test and Evaluation," December 26, 1979 *
* (e) DoD Directive 6050.1, "Environmental Effects in the United States of DoD Actions," July 30, 1979 *
* (f) DoD Directive 6050.7, "Environmental Effects Abroad of Major Department of Defense Actions," March 31, 1979 *
* (g) DoD Directive 4165.61, "Intergovernmental Coordination of Department of Defense Land and Facility Plans and Projects," December 16, 1976 *
* (h) DoD Directive 3100.5, "Department of Defense Offshore Military Activities Program," March 22, 1979 *
* (i) DoD Instruction S-5100.72, "Procedures for the Implementation of Strategic Arms Limitation (SAL) Agreements and Measures Agreements (U)," May 31, 1977 *
* (j) National Aeronautics and Space Council Document, "Nuclear Safety Review and Approval Procedures for Minor Radioactive Sources in Space Operations," June 16, 1970[1] *
* (k) DoD Instruction 5000.36, "System Safety Engineering and Management," December 6, 1978 *
* (l) DoD Instruction 7220.24, "Accounting for Research and Development," September 18, 1969 *
* (m) DoD Directive 4000.19, "Basic Policies and Principles for Interservice, Interdepartmental and Interagency Support," March 27, 1972 *
* (n) DoD Handbook 7220.9-H, "Accounting Guidance Handbook," February 1, 1978, authorized by DoD Instruction 7220.9, July 12, 1971 *
* (o) DoD Instruction 7230.7, "User Charges," June 12, 1979 *
* (p) DoD Instruction 2140.1, "Pricing of Sales of Defense Articles and Defense Services to Foreign Countries and International Organizations," March 9, 1977 *

[1] Copies available from OATSD(AE).

#First Amendment (Ch 1, 7/28/81)

Major Range and Test Facility Base

Army Activities

White Sands Missile Range (WSMR)
Kwajalein Missile Range (KMR)
Yuma Proving Ground (YPG)
Dugway Proving Ground (DPG)
Electronic Proving Ground (EPG)
Aberdeen Proving Ground (APG)

Navy Activities

Pacific Missile Test Center (PMTC)
Naval Air Test Center (NATC)
Naval Weapons Center (NWC)
(T&E portion only)
Naval Air Propulsion Center (NAPC)
Atlantic Undersea Test and Evaluation Center (AUTEC)
Atlantic Fleet Weapons Training Facility (AFWTF)

Air Force Activities

Eastern Space and Missile Center (ESMC)
Western Space and Missile Center (WSMC)
Arnold Engineering Development Center (AEDC)
Tactical Fighter Weapons Center (TFWC)
(Range Group only)
Air Force Flight Test Center (AFFTC)
(Includes Utah Test and Training Range)
Armament Division (AD)
4950th Test Wing

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OFFICE OF THE SECRETARY OF DEFENSE
WASHINGTON, D.C. 20301

11 DEC 1978

MEMORANDUM FOR SECRETARY OF THE ARMY
SECRETARY OF THE NAVY
SECRETARY OF THE AIR FORCE

SUBJECT: Reporting Requirements for Minor Radioactive Sources in Space

REFERENCES: (a) DoD Directive 3200.11, "Use, Management, and Operation of Department of Defense Major Ranges and Test Facilities," June 18, 1974

(b) National Aeronautics and Space Council Document, "Nuclear Safety Review and Approval Procedures for Minor Radioactive Sources in Space Operations," June 16, 1970

Reference (a) establishes the requirement for DoD components to satisfy the nuclear safety procedures for minor radioactive sources in space as prescribed in National Aeronautics and Space Council Document (reference (b)). Required reports are to be made to the Assistant to the Secretary of Defense (Atomic Energy) through the appropriate action office.

In the past, Category A sources were reported on an individual basis. A quarterly forecast for Category B sources was submitted with no submission for Category C sources. The stated requirement for Category A and B sources remains in effect. At the request of the Executive Office of the President, Office of Science and Technology Policy, because of the heightened sensitivity worldwide to nuclear power sources in space, it is now required that intended launches containing Category C sources be included with Category B launches in future quarterly forecasts. In addition to the report on Category A launches, a consolidated quarterly report on forecasted Category B and C launches will be provided to the Office of Science and Technology Policy by this office. This report will be for their information and is not intended to introduce a new approval procedure.

As previously, a minimum of six weeks prior to launch should be allowed for review of Category A reports. The quarterly forecast of Category B and C launches should reach the Office of the Assistant to the Secretary of Defense (Atomic Energy) prior to the beginning of each quarter.

James P. Wade, Jr.
Assistant to the Secretary of
Defense (Atomic Energy)

GLOSSARY

Direct costs. Costs that can be consistently and uniformly identified with a specific user program.

DOD components. Defense activities that include the OSD, Military Departments, the Organization of the Joint Chiefs of Staff, and the Defense agencies.

Full costs. All identified direct costs, proportionate share of manufacturing overhead, general and administrative overhead, actual cost of unfunded direct material used in supporting the user, and military labor and asset use charges in accordance with regulatory guidance.

General support equipment. Common-use equipment or facilities acquired by a DA MRTFB activity for recurring use in providing test support to all users. It also is an investment cost required to maintain existing capabilities and functions.

Indirect costs. Expenses and investments incurred to produce a service or product not directly identifiable to a specific user.

Institutional funding. An arrangement under which a DA MRTFB activity budgets and receives funds through the chain of command for financing costs not otherwise chargeable to user programs.

Lead range. The range from which the test originates.

Non-Federal agencies. Agencies that include State and local Government entities, foreign governments, and commercial and private users.

Other Federal agencies. US Government agencies, excluding DOD components.

Special purpose equipment. Equipment and facilities unique to a particular system undergoing test and evaluation; "special purpose equipment" is thus differentiated from general support equipment and facilities.

Standard rates. Charges stated on a per-unit basis for products and support services; they are based on the costs of providing services.

Uniform funding policy. The policy under which DOD users of DA MRTFB activities are charged for direct costs only.

User. Any organization (such as DOD components, other Federal Government agencies, and non-Federal agencies) using DA MRTFB activities.

The proponent agency of this regulation is the Office of the Deputy Chief of Staff for Research, Development, and Acquisition. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to HQDA(DAMA–PPM–T), WASH DC 20310

By Order of the Secretary of the Army:

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