

**Army Regulation 700-101
AFI 63-110(I)
NAVFACINST 4120.12
MCO 11310.8C
DLAI 4120.16**

Logistics

Joint Operating Procedures Management and Standardization of Mobile Electric Power Generating Sources

**Headquarters
Departments of the Army, the Air Force,
the Navy, Marine Corp, Defense Logistics
Agency
Washington, DC
2 September 2003**

UNCLASSIFIED

SUMMARY of CHANGE

AR 700-101/AFI 63-110(I)/NAVFACINST 4120.12/MCO 11310.8C/DLAI 4120.16
Joint Operating Procedures Management and Standardization of Mobile Electric
Power Generating Sources

Specifically, this revision dated 2 September 2003-

- o Implements the Automatic Identification Technology Policy as it pertains to joint operating procedures management and standardization of mobile electric power generating sources.
- o Substitutes the new Defense Logistics Agency (DLA) designation of DLAI 4120.16 for the previous designation of DLAI 4120.11.
- o Removes all references to MIL-STD-93 and MIL-STD-93(13) (paras 5-2, 5-3, and 5-4)

The revision dated 29 November 1999 is a major revision of this Joint Operating Procedure (JOP), and changes have been made throughout. Policies and procedures for management of Mobile Electric Power Generating Sources (MEPGS) have been clarified and simplified as appropriate for a JOP. Major changes are:

- o The consolidation of AR 700-72 Mobile Electric Power (MEP), and AFR 400-49, Mobile Electric Power.
- o The new Air Force designation of AFJI 63-110 to replace previous designation of AFR 400-50.
- o The new Navy designation of NAVFACINST 4120.12 to replace previous designation of NAVMATINST 4120.100A.
- o The new Defense Logistics Agency (DLA) designation of DLAI 4120.11 to replace previous designation of DLAR 4120.7.
- o Research, Development, and Engineering topics have been integrated into Program Management (new chapter 3, paragraphs 3-3 through 3-9).
- o Integrated Logistics Support Plan (ILSP) has been replaced by the current term Supportability Strategy (chapter 4, section IV, paragraphs 4-15 through 4-19).
- o Chapter 5 (Program Management) is realigned as chapter 3, and chapter 6 (Configuration/Data Management) is realigned as chapter 5.
- o The following topics have been deleted:
 - o Repair Expenditure Limits (former section V, chapter 4)
 - o Maintenance Reconditioning Standards (former section VI, chapter 4)

- Depot Maintenance (former section VIII, chapter 4)
- Funding for Multi-Year Cancellation Costs (former section V, chapter 5)
- The following appendices have been deleted:
 - C. Instructions for Preparation of Integrated Logistics Support Plans (ILSPs)
 - D. Procedures for Print Order Processing
 - E. Depot-Level Maintenance Assignments - DOD Standard Family of MEPGS
 - F. Flow Process Chart
- The former appendix A (Sample: Request for Deviation - Special Purpose Mobile Electric Power Generating Sources) was renamed as appendix C (Request for Deviation).
- A new appendix A (References) was added, and the glossary was updated.
- Appendix B was renamed as Primary Inventory Control Activity (PICA), Primary Provisioning Agent (PPA), and Configuration Management (CM) Assignments for First and Second-Generation DOD Standard Family of MEPGS.
- A new appendix D (Management Control Evaluation) was added.
- An index of topics was added.

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Effective 2 October 2003

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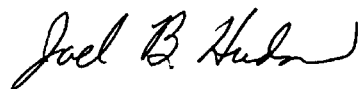
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History. This publication is a rapid action revision. The portions affected by this rapid action revision are listed in the summary of change.

Summary. This Joint Operating Procedure, which implements the policies of Department of Defense Directive 4120.11 and the Project Charter for Mobile Electric Power, has been revised extensively to clarify directions for the management of Mobile Electric Power Generating Sources (MEPGS). Major changes are the consolidation of AR 700-72 and AFR 400-49.

Applicability. This Joint Operating Procedure is a working agreement among the Military Services, Defense Logistics Agency (DLA), and the Department of Defense Project Manager-Mobile Electric Power (PM-MEP). It applies to the Active Army and the Reserve Component, the Air Force, the Navy, the Marine Corps, and the DLA worldwide. Specifically, it applies to those activities involved in the design, development, acquisition, production, logistics support, or use of DOD

Mobile Electric Power Generating Sources (MEPGS).

Proponent and exception authority.

The proponent of this regulation is the Deputy Chief of Staff, G-4 (DCS, G-4), Headquarters, Department of the Army (HQDA). The DCS, G-4 has the authority to approve exceptions to this regulation that are consistent with controlling law and regulation. The DCS, G-4 may delegate this authority in writing to a division chief under his/her supervision within the proponent agency in the grade of colonel or civilian equivalent.

Army management control process.

This regulation contains management control provisions and identifies key management controls that must be evaluated (see app D).

Supplementation. Supplementation of this regulation and establishment of command or local forms are prohibited without prior approval of HQDA, ODCS, G-4 (DALO-TST).

Suggested improvements. Users are invited to submit comments and suggested improvements to this regulation. Internet

users can submit their comments and suggested improvements through the electronic DA Form 2028 (Recommended Changes to Publications and Blank Forms) found within the individual Deputy Chief of Staff, G-4, regulation and pamphlet. Anyone without Internet access should submit their comments and suggested improvements on a DA Form 2028 directly to HQDA, ODCS, G-4, ATTN: DALO-TST, 500 Army Pentagon, Washington, DC 20310-5000.

Distribution. This publication is available in electronic media only and is intended for command level D for the Active Army, D for the Army National Guard, and the U.S. Army Reserve; Distribution F for the Air Force, SNDL Part I and II for the Navy, 7000105 (15), 7000176 (1), 72300005 (1), 7230055 (10), 7230033 (1), 7256005 (1), 039 (1), 040 (1), 087 (1), 092 (4) for the Marine Corps; and O for the DLA worldwide.

* This regulation supersedes AR 700-101, 29 November 1999.

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Chapter 1 Introduction

1-1. Purpose

This Joint Operating Procedure (JOP) prescribes policies, assigns responsibilities, and mandates procedures necessary for management and standardization of Mobile Electric Power Generating Sources (MEPGS) (and systems) utilized by all the Military Services and the Defense Logistics Agency (DLA) worldwide. It addresses administrative functions in the areas of contracts and production, program management, logistics support, and configuration/data management. This regulation applies to the entire Department of Defense (DOD) Standard Family of MEPGS and approved deviations from the Standard Family, but does not apply to fixed electric power or nuclear-fueled electric power generating sources (see DODD 4120.11, para C for complete definitions). This JOP provides specific and detailed guidelines for the proper management operations required of the Project Manager-Mobile Electric Power (PM-MEP). These management operations are necessary to link the major functions of the PM-MEP to elements of DOD components involved with MEPGS.

1-2. References

Required and related publications and prescribed and referenced forms are listed in appendix A.

1-3. Explanation of abbreviations and terms

Abbreviations and special terms used in this regulation are explained in the glossary.

1-4. Responsibilities (Army, Air Force, Navy, Marine Corps, Standardization)

The DOD and the Army have delegated full line authority to the PM-MEP to carry out this program. Authority for this regulation is derived from Department of Defense Directive (DODD) 4120.11, Standardization of Mobile Electric Power (MEP) Generating Sources, and the Department of the Army Project Charter for Mobile Electric Power.

a. Army. To execute the mandated management operations assigned to the PM-MEP, the PM-MEP will:

- (1) Establish, maintain, and provide a DOD Standard Family of MEPGS for maximum DOD component use by:
 - (a) Planning and coordinating the DOD research and development, engineering, product improvement, and procurement efforts.
 - (b) Ensuring the availability of standard MEPGS that will meet DOD-wide performance/physical needs by the most cost-effective means.
 - (c) Reducing diversification of MEPGS entering the DOD inventory, thus minimizing logistic support requirements.
 - (d) Standardizing to the maximum extent practicable the electrical output characteristics of MEPGS.
 - (e) Identify and develop Automatic Identification Technologies (AIT) material requirements for their appropriate weapons systems in compliance with the DOD AIT compliance and policies identified in the DOD Implementation Plan for Logistics Automatic Identification Technology, March 2000.
- (2) Implement the policies of Department of Defense Directive (DODD) 5000.1 and DODI 5000.2 on MEPGS through the establishment of common procedures and requirements in the areas of contracting and production, program management, logistic support, and configuration/data management.
- (3) Management Control Evaluation – see appendix D.
- (4) Responsibilities of the U.S. Army Combined Arms Support Command (CASCOM), Directorate of Combat Developments (DCD) - Ordnance. The CASCOM, DCD-Ordnance will identify, document, staff, and have approved MEPGS operational requirements and other Combat Developer and Training Developer (Proponent TRADOC Schools) requirements. Upon approval, these requirements are passed to PM-MEP for action.

b. Air Force

- (1) Headquarters, U.S. Air Force, Directorate of Maintenance is the focal point for issuing Air Force policy and approving instructions that implement DODD 4120.11.
- (2) Headquarters, Air Force Materiel Command (HQ AFMC) develops, maintains and updates instructions for implementing the policies set forth in DODD 4120.11.
- (3) The Generators Materiel Group Manager will
 - (a) Function as the Air Force control point for reviewing, processing, and consolidating all Air Force requirements for MEP generators as defined in DODD 4120.11 and this regulation.
 - (b) Implement the procedures in this regulation.
 - (c) Annually forecast and budget Air Force requirements.
 - (d) Evaluate Air Force requirements that cannot be satisfied through the DOD standard family of MEP generators, and forward appropriate recommendations to the PM-MEP for final approval.
 - (e) Ensure the logistics supportability of the MEP generators procured for Air Force use.
- (4) Air Force operating commands will submit their MEP generator requirements to the Generators Materiel Group Manager.

c. Navy

(1) The Commander, Naval Facilities Engineering Command (NAVFACENGCOM), focal point for the Department of the Navy (less Marine Corps) relative to the MEP (excluding aircraft support MEP) operational matters, is responsible for:

(a) Negotiating changes to the PM-MEP Charter with the Project Manager.

(b) Promulgating joint operating procedures and approving the MEP Master Plan for the Department of the Navy applications.

(c) Designating the Navy representative to the staff of the PM-MEP.

(d) Identifying contact points in all elements of the Department of the Navy (less the Marine Corps) which utilize mobile electric power equipment.

(e) Obtaining, consolidating, and providing naval requirements for mobile electric power equipment (less aircraft support MEP equipment) to the Project Manager.

(f) Establishing procedures for processing deviations to the DOD Standard Family for MEP.

(g) Negotiating and coordinating the master plan and joint operating procedures.

(h) Direct liaison with the PM-MEP as required.

(2) The Naval Air Systems Command, focal point for the Department of the Navy and Headquarters, U.S. Marine Corps for all aircraft support MEP matters, is responsible for:

(a) Designating the Navy/Marine Corps representative for aircraft MEP to the staff of the PM-MEP.

(b) Providing general purpose MEP requirements, including MEP equipment utilized in support of Marine Corps aviation, to the Project Manager via the Naval Facilities Engineering Command.

(c) Providing aircraft support MEP requirements directly to the Project Manager.

(d) Establishing procedures for processing deviations to the DOD Standard Family for aircraft MEP.

(e) Negotiating and coordinating the master plan and joint operating procedures.

(f) Direct liaison with the PM-MEP, as required.

(3) The Commandant, U.S. Marine Corps requirements for mobile electric power equipment (less Navy funded MEP used in support of Marine Corps aviation equipment) matters is responsible for:

(a) Providing Marine Corps requirements for mobile electric power equipment (less Navy funded MEP used in support of Marine Corps aviation equipment) to the Project Manager.

(b) Negotiating and coordinating the master plan and joint operating procedures for applicability for the Marine Corps.

(c) Establishing procedures for processing deviations to the DOD Standard Family for MEP.

(d) Direct liaison with the PM-MEP, as required.

(4) Shore activities are responsible for assisting the Commander, Naval Facilities Engineering Command, the Commander, Naval Air Systems Command and the Commandant of the Marine Corps in the conduct of MEP functions.

d. Headquarters, Marine Corps (LPE)

(1) Headquarters Marine Corps (LPP) is the focal point for issuing Marine Corps policy and approving instructions that implement DODD 4120.11.

(2) Marine Corps Combat Development Command (C443) is the control point for reviewing, processing, and validating all requirements for MEP generators as defined in DODD 4120.11 and this regulation.

(3) Marine Corps Systems Command (MARCORSYSCOM) (GTES-EPS) is tasked with Total Life Cycle Management of MEP generators, will implement the procedures in this instruction, provide annual forecasts to PM MEP of generator needs, and will budget for USMC requirements for generators of the DOD Standard Family of ME PGS.

(4) Marine Corps Logistics Command (MCLC), Supply Chain Management Center (SCMC) is tasked with inventory management, warranty plan administration, provisioning support and ensuring logistics supportability of MEP generators throughout the Marine Corps.

(5) Operational Commanders will validate their Table of Equipment in accordance with current Marine Corps Orders and Directives, forwarding their requirements through the Chain of Command.

e. Standardization. It should be noted that CR4 (U.S. Army Depot Command (DECOM)) is the Lead Standardization Agency (LSA) for Federal Supply Class (FSC) 6115, with UD1 (Naval Facilities Engineering Command), 99 (Air Force Logistics Center (AFLC)) Cataloging and Standardization Center (Battle Creek, MI) and GS (Defense Supply Center, Richmond, VA) as participating activities in the standardization documentation process.

Chapter 2 Contracts and Production

Section I Contracting

2-1. General

This section establishes procedures necessary to link efforts of the PM-MEP, the Military Services, and the DLA to accomplish responsive and economical acquisition of MEPGS. The overall management of MEPGS acquisition falls within the charter of the PM-MEP. Both the contracting activity and PM-MEP will collectively be involved in deliberations and decisions for contract planning, solicitation and award, contract administration/contractor monitoring, and discussion/recommendation for contract termination.

2-2. Development of contract requirements

a. All requiring activities will submit procurement requirements (numerical quantities) to PM-MEP, as funded for the execution year, via a direct fund cite Military Interdepartmental Purchase Request (MIPR) or Purchase Request (PR) showing dollars, quantities, sizes and modes.

b. Requiring activities will also submit their acquisition profile for MEPGS and ancillary items to PM-MEP, as programmed in the individual service Program Objective Memorandum (POM), and update their quantity requirements whenever major changes occur.

c. The PM-MEP will:

- (1) Consolidate requirement quantities.
- (2) Determine acquisition actions required to meet procurement objectives and coordinate these actions with the assigned contracting activity or office.
- (3) Develop and coordinate the MEP 5-year acquisition plan with each requiring and contracting office during the first quarter of each fiscal year.

2-3. Establishment of acquisition milestones

Within 90 calendar days after accepting all funded MIPRs for a specific acquisition, the PM-MEP will submit to the requiring activity the planned milestone dates for completing the acquisition.

2-4. Contract design

A primary objective in acquiring MEPGS is to use a sound method of contracting and a type of contract that is very flexible in meeting emergency unprogrammed requirements. Consistent with the requirements of Federal Acquisition regulations (FAR) and Military Service regulations, contracts for MEPGS will contain:

- a.* Options of quantities for each program year.
- b.* A provision allowing the latest possible date to exercise an option or delivery order.

2-5. Solicitations

Solicitations issued for MEPGS will be based on best value. Requirements for separate modes (such as 3 kW, 60 Hz; 3 kW, 400 Hz; and 3 kW, 28 VDC) will be consolidated into one solicitation.

2-6. Acquisition management data

a. Acquisition documents. Cognizant contracting organizations will furnish to the PM-MEP an information copy of the following documents:

- (1) Solicitation document and amendments.
 - (2) Pre-award survey requests.
 - (3) The contract and subsequent contract modifications.
 - (4) Notice of any delay in contract award with prognosis and new target award date.
 - (5) Congressional inquiries.
 - (6) All documentation related to protests, Government responses, and/or General Accounting Office (GAO) inquiries/decisions.
 - (7) Pertinent facts on termination for convenience and termination for default.
 - (8) Furnish on request other data and documents required by the PM-MEP to execute terms of the PM-MEP Charter.
- From time to time, the Procuring Contracting Officer (PCO) may be asked to furnish detailed information and briefings.

b. Termination of contracts

(1) Authority to terminate contracts remains in Military Service channels with the respective heads of contracting activities. However, no MEP contract will be terminated without prior notice to and coordination with the PM-MEP.

(2) The PM-MEP will be fully involved in deliberations and decisions for recommended termination for convenience or default and for planned recontracting if it applies.

Section II Production

2-7. General

This section outlines production procedures to be used by DOD contracting activities and offices in carrying out the PM-MEP mission. It deals with contract administration assignment, guidelines for production problems, and development and maintenance of production status reporting.

2-8. Production Management

a. The requiring activity will state its reporting requirements in the MIPR, Procurement Work Directive (PWD) (see glossary, section III for definition), or Purchase Request (PR). The PCO for each Military Service or Government Agency will include the requested data in each new solicitation or contract.

b. The PM-MEP has assigned the Primary Inventory Control Activity (PICA), Primary Provisioning Agent (PPA), and Configuration Management (CM) responsibility per appendix B.

c. Spares will be provisioned and available prior to system Initial Operational Capability (IOC). The spares will be source coded and screened even when the Secondary Inventory Control Activity (SICA) performs the stock listing action.

Chapter 3 Program Management

Section I Major Item Programming System

3-1. Program planning

a. Each Military Service and Government Agency must assign an office to coordinate, consolidate, and submit its MEPGS requirements. Continuous field/user input to the operational requirements process is usually accomplished through the Combat Developments (CBTDEV) structure of each Military Service and planning, programming, budgeting and execution is usually accomplished through the acquisition structure.

b. Military Services and requiring activities will submit their acquisition profile for MEPGS and ancillary items to the PM-MEP, as programmed in the individual service POM, and update their requirement quantities whenever major changes occur.

c. PM-MEP will develop and coordinate the MEP 5-year acquisition plan with each requiring and contracting office during the first quarter of each fiscal year.

3-2. Acquisition Responsibility

a. The PM-MEP will assign the consolidated acquisition of MEP items to the Military Services and DLA as prescribed in chapter 2 of this regulation.

b. Each requiring activity will collectively plan its program with full coordination with PM-MEP. When the requiring activity and the contracting activity belong to the same Military Service or Government Agency, the program will be executed through normal documentation and copies of this documentation provided to PM-MEP. When they do not, the program will be executed through a MIPR prepared in accordance with chapter 3, section IV of this regulation.

Section II Research and Development Programming System

3-3. Objectives

Military Services will coordinate with PM-MEP on development and product improvement efforts related to MEPGS. In response, the PM-MEP will:

a. Provide advice and consultation on how Military Service components should plan and/or implement their efforts to improve and/or expand the DOD standard family of MEPGS.

b. Recommend technology projects to develop more responsive and cost-effective MEPGS to meet future military needs.

c. Assist a DOD component in obtaining funding for an adequate research and development program for improvements/additions to the Standard Family of MEPGS.

3-4. Information requirements

Each Military Service shall submit MEPGS Planning, Programing, and Budgeting System (PPBS) documentation to the PM-MEP on an annual basis. These requirements consist of the projects, tasks, and objectives to be attained by each Military Service during the current and budget fiscal years and a forecast of plans and requirements for the next five (5) program years. (See Section III, Development and Product Improvement Planning, for further details.)

Section III**Development and Product Improvement Planning****3-5. General**

This section establishes procedures by which the PM-MEP manages the current MEPGS development and product improvement program. The PM-MEP will ensure development and promulgation of a MEPGS Master Plan.

3-6. MEPGS Master Plan guidelines

a. Each of the Military Services will

- (1) Assign Points of Contact (POC) to handle MEPGS development and product improvement inquiries.
- (2) Identify each POC by name of project officer(s), office symbol, and telephone and extension number.
- (3) Notify the PM-MEP in writing of POCs and any changes in POC information.

b. The MEPGS Master Plan will include

- (1) Current status of the DOD MEP program.
- (2) A summary of each Military Service's requirements for new MEPGS.
- (3) A review of technological capabilities.
- (4) A plan of action for the orderly evolution of MEPGS to meet emerging needs.

c. The procedure for preparing and updating the MEPGS Master Plan is as follows:

- (1) The PM-MEP will revise and distribute the Master Plan biennially (every 2 years). The PM-MEP will ask each Military Service for new inputs for this revised plan.
- (2) A draft of the revised plan will be prepared biennially by June of that year.
- (3) A revised plan will be finalized and distributed after incorporation of comments from each Military Service.

3-7. PM-MEP responsibilities

The PM-MEP will:

- a.* Coordinate the biennial draft revision of the MEPGS Master Plan with assigned POCs for each Military Service.
- b.* Review and resolve comments and finalize the MEPGS Master Plan.
- c.* Distribute final MEPGS Master Plan as supportive data for program direction and budget actions.

3-8. Military Service responsibilities

Each Military Service will:

- a.* Designate a POC.
- b.* Review the draft MEPGS Master Plan and send recommended changes and comments to the PM-MEP.

3-9. POC responsibilities

The designated POC of each Military Service will:

- a.* Coordinate the draft MEPGS Master Plan within their Military Service.
- b.* Submit copies of requirement documents, supporting programs, and relevant interservice fiscal planning.
- c.* Provide any additional documentation to support new MEPGS requirements and proposed program changes.

Section IV**Preparation of Military Interdepartmental Purchase Requests (MIPRs)****3-10. General**

The requiring activity will prepare MIPRs in accordance with FAR and the MEP 5-year acquisition plan. All MIPRs will be sent to PM-MEP for further action.

3-11. Acquisition direction

Acquisition direction on technical content of solicitations and contracts will be coordinated through the PM-MEP per chapter 2 of this regulation.

Section V

Funding for Engineering Change Proposals (ECPs)

3-12. General

This section sets forth policies and procedures for funding Engineering Change Proposals (ECPs). The term ECP includes Value Engineering Change Proposals (VECPs).

3-13. Participating Military Service responsibilities

a. Each Military Service will program and fund-engineering changes based on that Military Service's acquisition or ownership of MEPGS.

b. The PM-MEP:

(1) Will prorate costs of engineering changes for MEPGS among the requiring Military Services based on generator sets affected under the current production contract(s).

(2) Will not include administrative costs of Government processing of an ECP as part of prorated ECP costs.

c. The Military Service assigned to design and develop engineering of specific equipment will pay costs of maintaining engineering data packages and support documents. This data/documentation will be stored in the assigned Military Service repository. If provisioning is initiated, Design Change Notices will be included in the data/documentation.

3-14. Funding requirements

a. During the evaluation of an ECP, the Joint Service Configuration Control Board (JSCCB) program representative from each using Military Service will prepare ECP cost estimates for that Military Service.

b. On approval of an ECP, the contracting activity, with support from PM-MEP, will inform the requiring Military Services of the additional funds required making the change.

c. The requiring Military Services will take actions needed to pay their share of the ECP cost as soon as possible after being informed of their share of the cost.

Section VI

Deviations from the DoD Standard Family

3-15. General

a. DOD components requiring MEPGS that deviate from the DOD Standard Family will advise the PM-MEP and obtain the PM's approval before starting development or acquisition.

b. This section sets forth procedures by which DOD components must submit a Request for Deviation (RFD) from the Standard Family of MEPGS.

3-16. Objective of the PM-MEP

The objective of the PM-MEP is to assure minimum use of nonstandard MEPGS by:

a. Confirming that deviation requests cannot be met by any member of the Standard Family.

b. Establishing approval procedures to acquire special purpose MEPGS when no member of the Standard Family meets a need.

3-17. RFD submissions

Submit the RFD to the DOD Project Manager-Mobile Electric Power, ATTN: AMSEL-DSA-MEP, 7798 Cissna Road, Suite 200, Springfield, VA 22150-3199, through the following Military Service Central Control Points:

Table 3-17

Military Service Central Control Points:

ARMY	Department of the Army ATTN: DAMO-FDL, 2C537 400 Army Pentagon Washington, DC 20310
AIR FORCE	Generator Single Manager WR-ALC/LE 295 Byron Street, Building 300 Robins AFB, GA 31098-1611

Table 3-17
Military Service Central Control Points:—Continued

NAVY	Commander Naval Facilities Engineering Command ATTN: Code 123 200 Stovall Street Alexandria, VA 22330-2300
MARINE CORPS	Commanding General (GTES-EPS) Marine Corps Systems Command 2200 Lester Street Quantico, VA 22134-6950
DEFENSE LOGISTICS AGENCY	Director Defense Logistics Agency ATTN: J-332 8725 John J. Kingman Road Fort Belvoir, VA 22060-6221 Copy to: Commander Defense Supply Center Richmond 8000 Jefferson Davis Highway Richmond, VA 23297-5610

3-18. DOD component responsibilities

When no DOD standard family MEPGS meets the need, DOD components will submit an RFD for approval to their respective Military Service Central Control Point prior to development or contracting. Approval of RFDs is necessary before initiation of development or issuance of solicitations. (Appendix C shows a letter format for all information needed to prepare an RFD.)

3-19. Central Control Point responsibilities

Central Control Points will:

- a. Evaluate the adaptability of DOD standard family MEPGS to meet Military Service and Government Agency power source needs.
- b. Send the Central Control Points recommendation on the RFD to the DOD PM-MEP for final approval or disapproval.

3-20. DOD PM-MEP responsibilities

The DOD PM-MEP will

- a. Evaluate requests for development and/or acquisition of nonstandard MEPGS through analysis of the requirement and review of the current DOD inventory and the Standard Family.
- b. Help the Central Control Points with technical data and advice as needed.
- c. Arrange for the loan or sale of DOD Standard Family MEPGS for evaluation tests as required.
- d. Evaluate and record in writing the decisions on each RFD sent by a Military Service or Government Agency Central Control Point.
- e. Determine the proper extent of PM-MEP management, direction, control, and coordination for nonstandard MEPGS approved as deviations from the Standard Family.
- f. Return the RFD and written decision to the Military Service Central Control Point and provide a copy to CASCOM, DCD-Ordnance.
- g. Maintain a master record of RFDs from all DOD components.

3-21. Authority

The DOD PM-MEP has final authority to approve or disapprove all RFDs received from the Central Control Points.

Chapter 4 Logistics Support

Section I

Supply Support: Initial Provisioning

4-1. General

a. Joint Service Regulation AFR 66-19/AR 25-36/MCO 5216.16A/DLAR 4151.9/OPNAVINST 5600.22, Interservicing of Technical Manuals and Related Technology.

b. Joint Service Publication AMC-R 750-10/OPNAVINST 4790.14A/AFMCR 800-30/MCO P4790.10B/DLAD 4151.16, Logistics Joint Depot Maintenance Program.

4-2. Primary Provisioning Agent (PPA) authority

Unless otherwise directed by the PM-MEP, the Military Service that performs Configuration Management (CM) for specific DOD Standard Family items will be the PPA for the same Standard Family items. PPA assignments are shown in appendix B.

4-3. Centralized management

Centralized management of major components, assemblies, and items not coded to DLA for integrated management in accordance with current DOD item management coding policies and procedures will be vested in only one of the Military Services. This Military Service will normally be the PPA. Wholesale Interservice Supply Support Agreements (WISSAs) for such items will be negotiated in time to ensure availability of support items at the time of fielding of production end items.

4-4. Provisioning

Actual generator claimants will participate in the provisioning phase conferences. Potential claimants may annotate the provisioning technical documentation and mail it to the conference chairperson in place of attending the source coding conference. The chairperson will resend the list to conferees for consideration during development of the joint provisioning support list. The chairperson will work to achieve consensus among the Military Services or will allow differences where consensus cannot be obtained.

4-5. Budgeting and funding

a. Each Military Service will budget and fund for initial support requirements for retail stocks, contingency plans, and prepositioned war reserve repair parts stocks.

b. The PICA will budget and fund for wholesale repair part stocks including replenishment and general mobilization requirements.

c. Each Military Service will also budget and fund for all maintenance and repair requirements.

4-6. Support items

Initial support items and replenishment support items will be supplied on a reimbursable basis.

4-7. PPA responsibilities

The PPA, in coordination with PM-MEP, will

a. Include provisioning technical documentation and procedural requirements during preparation of data call for solicitations.

b. Set conference requirements; coordinate conferences with contractors, claimants, and potential claimants; and conduct preprovisioning conferences as required.

c. Furnish provisioning technical documentation showing the production configuration to each generator claimant and potential claimant.

d. Initiate supply support requests (SSRs) based on the number of generators claimed by the PPA for that Military Service and any other included claimant.

e. Submit a request for provisioning screening to Defense Logistics Information Service (DLIS) Cataloging and Standardization Center, Battle Creek, MI and:

(1) Include results of the DLSC screening in all copies of the provisioning list furnished to claimants and potential claimants.

(2) Bring results of the DLSC screening to the provisioning conference.

(3) Resolve conflicts through proper channels between DLA and the Military Services relative to item management coding, cataloging, SSRs, and other provisioning problems. If the PPA is unable to resolve a conflict, it will be referred to the PM-MEP.

- f.* Obtain and send to all claimants and potential claimants the National Stock Numbers (NSNs) for all maintenance-coded items.
- g.* Send Design Change Notices (DCNs) submitted by the contractor to all claimants and potential claimants.
- h.* Convene and chair all meetings and conferences including those for follow-on and re-buy.
- i.* Prepare, combine, and distribute minutes of all conferences with comments from claimants and potential claimants.
- j.* Obtain approval of all claimants and potential claimants before making any changes or deletions to contractual provisioning requirements.
- k.* Maintain a copy of the provisioning list for the latest production contract. This list will be used as a provisioning baseline for submitting DCNs in future contracts.
- l.* Inform all claimants and potential claimants of any changes of slippages to milestone dates.

4-8. Military Service claimant responsibilities

Military Service claimants on the contract for DOD Standard Family MEPGS will:

- a.* Give the PPA the required provisioning and procedural documentation needed for Contract Data Requirements Lists (CDRLs) for DOD Standard Family MEPGS contracts. If differences arise between the PPA and the other Military Services, PM-MEP will make the final decision on CDRL content.
- b.* Participate in preprovisioning and provisioning conferences and data calls, as required.
- c.* Review the provisioning list furnished in accordance with paragraph 4-7c, above and take part in the joint source coding conference.
- d.* Furnish SSRs for consumable items and Material Support Requests (MSRs) for recoverable items.
 - (1) Send these requests to the PPA for the PPA-managed items required for initial support and wholesale replenishment requirements for the number of generators to be supplied from the contract.
 - (2) Submit a funded MIPR with appropriate "ship-to/mark-for" instructions to cover the initial support requirements.
- e.* Initiate SSRs for initial support and wholesale replenishment requirements for items coded to DLA for integrated management.
- f.* Inform the PPA of the Military Service position (acceptance or rejection).

4-9. PM-MEP responsibilities

The PM-MEP will

- a.* Lead and assure coordination of provisioning requirements for inclusion in MEPGS solicitations/contract awards.
- b.* Assure conformance of requirements for all Military Service needs.
- c.* Lead and monitor the joint source coding conference.
- d.* Resolve provisioning differences between Military Services and the Defense Supply Center Richmond at DLA.
- e.* Plan and budget for updating AIT as part of the assigned Material Change (MC) Program. Planning, programming, and budgeting will address AIT expansion and integration in existing equipment and logistics systems, as applicable.

4-10. DLA responsibility

The DLA will process SSRs as outlined in current directives.

Section II

Serial Numbers for DOD Standard Family Generator Sets

4-11. General

This section sets forth procedures and responsibilities for development, assignment, and control of serial numbers for DOD Standard Family MEPGS.

4-12. Serial number policies

DOD MEPGS will be identified by serial numbers developed and assigned per this JOP.

4-13. PPA responsibilities

The PPA (as defined in para 4-2) will

- a.* Develop serial numbers to conform to paragraph 4-14 and assign blocks of serial numbers for DOD Standard Family MEPGS acquired under acquisition contracts.
- b.* Furnish the serial numbers to the applicable contractors through the contracting officer. The contractor will apply them to the production end item identification plates.
- c.* Provide serial number data to the PM-MEP.
- d.* Write all contracts to ensure bar coding or other AIT technologies are affixed to each generator produced and the

AIT will be capable of integration with the Automated Information System (AIS) in use from wholesale to the retail activity of the user.

4-14. Serial numbers

Serial numbers for DOD Standard Family MEPGS will consist of not more than seven (7) alphanumeric characters making up two data elements as follows:

- a. Characters 1 and 2 (alpha) show the manufacturer's code. Codes will be provided by PM-MEP on PPA request.
- b. Characters 3 through 7 (numeric) represent the unit number sequence of the specific MEP model by the specific manufacturer regardless of contract.

Section III

Supportability Strategy

(Formerly Integrated Logistics Support Plan (ILSP))

4-15. Objectives

The objectives for preparing and maintaining the Supportability Strategy for all DOD MEPGS are to:

- a. Complete analyses and tradeoffs to define logistic support needs.
- b. Develop, acquire, and integrate logistic support elements in a logical sequence.
- c. Ensure AIT is an essential part of the Supportability Strategy Policy.

4-16. Supportability strategy policy

The assignee for preparing and maintaining supportability strategies will be the same as the PICA, PPA, and CM assignees (see appendix B). The assignee agency will

- a. Prepare supportability strategies in accordance with references in paragraph 4-1 and regulations of the DOD assignee agency.
- b. Fully coordinate supportability strategies with all DOD Agencies to obtain the best planning of all support elements. Unresolved disagreements will be referred to the PM-MEP.

4-17. PM-MEP responsibilities

The PM-MEP will, in accordance with established policy documents in appendix A

- a. Promote supportability strategies through guidance and direction to include policies, criteria, and standards for preparing supportability strategies.
- b. Review and approve supportability strategies.

4-18. Preparing Military Service assignee responsibilities

The preparing Military Service assignee will

- a. Develop the supportability strategies in accordance with references in paragraph 4-1 and applicable assignee Military Service regulations to include requirements of all interested DOD agencies.
- b. Coordinate supportability strategies with all interested agencies. Revise strategies, as required, based on information from contributing agencies and refer unresolved disagreements to the PM-MEP.
- c. Submit the final coordinated supportability strategy to the PM-MEP for review and approval.
- d. Publish and send the supportability strategy to all participating DOD Agencies after PM-MEP approval.

4-19. Contributing DOD Agency responsibilities

Contributing DOD Agencies will

- a. Provide the preparing Military Service with information and data required to prepare an interservice strategy.
- b. Assist the preparing Military Service with coordination comments and periodic review, as required.

Section IV

Management of Technical Manuals

4-20. General

This section sets forth requirements and procedures for the development, coordination, printing, and distribution of equipment Technical Manuals (TMs) for MEPGS.

4-21. Technical Manual Management Policy

- a. The TM proponent for preparing and maintaining TMs will be the same as the PICA, PPA, and CM assignees (see appendix B).
- b. TMs for DOD Standard Family MEPGS are joint-use publications and will bear the identification number and authentication of each Military Service and applicable DOD Agency.

- c. Joint-use TMs, narratives, and lists of repair parts and special tools must be prepared to conform to reference requirements (see appendix A).
- d. When changes are made to a TM, all other TMs in the series and all DOD Standard Family MEPGS TMs must be reviewed to determine whether the change applies to more than one MEPGS TM.
- e. TMs for DOD Standard Family MEPGS will be printed by the Military Service responsible for the document. The first run should cover initial distribution and stockage requirements of all the Military Services.
- f. TMs will be distributed and stocked by each Military Service for its own resupply purposes under its own procedures. Each Military Service should identify and obtain copy requirements for the MEPGS TMs.
- g. Military Service-peculiar supplements to joint-use TMs for DOD MEPGS will not be issued for any purpose without the expressed written consent of PM-MEP.
- h. The existing TM deficiency reporting systems of each Military Service will be used for DOD Standard Family MEPGS.
- i. TM deficiency notices will be reviewed and evaluated by the TM proponent Military Service. The proponent will classify the deficiency, determine the type of change required, and process the required changes in a timely manner.
- j. TMs for MEPGS will be maintained throughout the life cycle of the item. The TM proponent will plan, program, budget, and fund the maintenance of these TMs.
- k. TMs for MEPGS will be fully coordinated with the training, logistics, and user functions in each Military Service. All comments not accepted or included in MEPGS TMs will be explained to the reviewing activity.
- l. The use of Electronic Technical Manuals (ETM), Automatic Identification Technologies (AIT), and Interactive Electronic Technical Manuals (IETM) is encouraged.

4-22. PM-MEP responsibilities

The PM-MEP will

- a. Exercise leadership over the development, coordination, printing, and distribution of joint-use TMs for DoD MEPGS.
- b. Approve each project to prepare a basic MEPGS TM. The PM-MEP may also take part in the development/acquisition process and will have approval authority over all:
 - (1) Joint-use TMs.
 - (2) Narrative and Repair Parts and Special Tools Lists (RPSTL).
 - (3) Modification instructions
 - (4) Lubrication Orders (LOs).
- c. Represent DOD officially at all conferences and meetings on joint-use TM management for DOD MEPGS.

4-23. TM proponent responsibilities

TM proponents will

- a. Obtain PM-MEP approval for each MEPGS joint-use TM, TM changes, revisions, and final manuscripts or copy before initiation and after Military Service approval.
- b. Process MEPGS joint-use TM deficiency notices.
- c. Evaluate and determine the priority for including ECPs and DCNs in TMs.
- d. Initiate a revision action when current outstanding changes warrant.
- e. Coordinate with all Military Services before starting acquisition action.

Chapter 5 Configuration/Data Management

Section I Configuration Identification

5-1. General

This section sets forth procedures to prepare and verify technical data used as functional baselines, allocated baselines, and product baselines for MEPGS and supporting equipment in the form of kits and accessories.

5-2. References

This section supplements the following instructions and standards:

- a. DOD 4120.24-M, Defense Standardization Program (DSP) Policies and Procedures.
- b. SECNAVINST 4130.2/MCO 4130.1A/DLAR 8250.4/NSA/CSS 80-14/DCAC 100-50-2/DNA INST 5010.18, Configuration Management.

c. MIL-DTL-31000A, Technical Data Packages.

5-3. Configuration identification policy

a. Every ME PGS, kit, and accessory (that is, every Configuration Item (CI)) will have a configuration identification (baseline) made up of technical documentation that becomes more detailed as design and testing progress. The baseline identification will conform to the standardization and logistics principals and objectives of DODD 4120.11 and the references cited in paragraph 5-2.

b. For developed CIs, the functional baseline is the technical documentation (performance specification) and will include acceptance tests used to verify conformance. For production, the product baseline will be performance specifications that also reflect form, fit, and function drawings necessary to assure continued performance, interchangeability, interface control, and organic logistics support with previously developed manuals, training, and provisioning documentation. The specifications will conform to MIL-DTL-31000A.

c. Established configuration identification will be used as the basis for configuration control.

d. The Military Service with CM responsibility will maintain a permanent record of the documentation making up the configuration identification.

e. The PM-MEP will prepare individual Configuration Management Plans (CMPs). The CMP will identify the participating Military Service or Government Agency responsible for performing functions related to CM. Each CMP will include guidance for implementing the configuration identification policies and procedures.

5-4. (Reserved)

5-5. Engineering drawings and associated lists

Engineering drawings and associated lists for MEP items must be prepared to conform to MIL-DTL-31000A. The following procedures govern the management of drawings for CIs:

a. All new DOD engineering drawings prepared for PM-MEP will use the Code Identification Number 30554 and nomenclature per SP 708-6 (Federal Item Name Directory for Supply Cataloging (H-A, B)).

b. All new drawings will use drawing numbers provided by PM-MEP.

c. All DOD release and drawing repository block will appear on drawings (see figure 5-1). The block is divided into three parts: DOD release for design; DOD release for production; and the address of the drawing repository. Military Service-appointed persons responsible for accepting drawings will sign the two DOD release blocks. The PM-MEP (or agent) will sign and date the drawing in the proper space after the authorized Military Service representatives have signed and after completion of a Physical Configuration Audit (PCA).

d. The drawing repository block provides the address of the Military Service assigned to store and maintain master drawings.

DOD Release and Drawing Repository Block

	DOD RELEASE				
	AIR				
	ARMY				
	NAVY				
	MARINE				
	DRAWING REPOSITORY			NEXT ASSY	USED ON
				APPLICATION	
4				3	

Figure 5-1. DOD Release and Drawing Repository Block

5-6. Configuration audits and reviews

The general procedures for conducting configuration audits and reviews are provided below. These procedures will be conducted by the Military Service with Configuration Management (CM) responsibility.

a. Functional Configuration Audit (FCA).

(1) The FCA is conducted on a progression basis at contractor or Government facilities throughout development of the item. It culminates with completion of the qualification testing. Differences between the test and inspection data and the requirements must be recorded.

(2) The Military Service with CM responsibility conducts the FCA; it shares responsibility with the contractor and the Defense Contract Management Administration Office (DCMAO) for setting the time, place, method, and agenda.

b. Physical Configuration Audit (PCA). The PCA is a formal audit to verify that the CI of the product baseline is accurate and adequate. This audit involves matching the "as-built" CI to drawings of parts, subassemblies, and assemblies making up the baseline CI.

(1) The DCMAO is tasked to witness the PCA using test results and measurements made by the contractor. Normally, it is conducted at the prime contractor's plant using parts that make up the first production lot of generator sets. The PCA requires a cooperative effort by the developing Military Service, the contractor, and DCMAO.

(2) The Military Service with CM responsibility will ensure proper completion of the PCA. The Military Service will appoint one person as POC for the audit.

c. Configuration Item Verification Review (CIVR). A CIVR will be performed on follow-on acquisitions of a CI to ensure that the production items are identical to the product baseline CI. Actions and responsibilities for this review are the same as those for PCAs as stated in paragraph 5-6b.

Section II Configuration Control

5-7. General

This section sets forth responsibilities and procedures to prepare and evaluate Engineering Change Proposals (ECPs), Modification Work Orders (MWOs), Value Engineering Change Proposals (VECPs), Requests for Deviation (RFDs), and Requests for Waivers (RFWs).

5-8. Authority

a. Only the Chairperson of the Joint Service Configuration Control Board (JSCCB) may approve Class I ECPs, MWOs, VECs, and critical or major RFDs and RFWs for a system or equipment. (See MIL-STD-973, Configuration Management, for detailed ECP/VECP/RFD/RFW information.) The PM-MEP will Chair the JSCCB for all MEPGS classified as a member or potential member of the DOD Standard Family. The PM-MEP may delegate the chairing function to one of the Military Services at any time during the life cycle of the equipment.

b. The Military Service Configuration Coordinator has approval authority on Class II ECPs and minor deviations. Copies of all approved documents shall be promptly provided to the PM-MEP and all members of the JSCCB.

c. The contract administrative component has approval authority on RFWs for minor nonconforming materials. Before each RFW approval action, the contract administrative component will verbally confirm with the JSCCB Configuration Coordinator that an RFW is minor. The contract administrative component shall provide copies of all minor RFW actions to the Configuration Coordinator for distribution to the JSCCB.

5-9. Configuration change control

a. Configuration change control is the systematic evaluation, coordination, and approval or disapproval of all changes to the CI after the formal setting of baselines.

b. To standardize the identifying numbers of ECPs, MWOs, RFDs, and RFWs related to current and potential DOD Standard Family MEPGS; the Army will maintain and provide on request all the identifying numbers. The Configuration Coordinators of ECPs, MWOs, RFDs, and RFWs for such MEPGS will obtain numbers from the Army and enter them on DD Forms. Once assigned, a number cannot be reused or changed throughout the life of a CI.

c. The JSCCB will complete all evaluation and approval actions for Class I ECPs, MWOs, VECs, and critical and major RFDs and RFWs to conform to the priority of the proposal. The Configuration Coordinator will inform the PCO as soon as possible if an ECP, MWO, RFD, or RFW decision cannot be rendered within the time specified in a proposal. The PCO will acquire a new reply date and state the impact of the delay.

5-10. JSCCB composition

The PM-MEP will form the JSCCBs. Boards will include members of functional elements of participating Military

Services and Government Agencies as deemed appropriate. Typically, a JSCCB is comprised of the following members:

- a. The PM-MEP or the PM-MEP's agent (Chairperson).
- b. A Configuration Coordinator from the Military Service with CM responsibility.
- c. A Configuration Administrator from the Military Service with CM responsibility.
- d. A technical representative from each participating or interested Military Service.
- e. A supply representative from the using Military Service(s) only.
- f. A maintenance representative from the using Military Service(s) only.
- g. A quality assurance representative from the Military Service with CM responsibility.
- h. A contracting representative from the Military Service or Government Agency with procurement responsibility.
- i. Combat Development representative(s) from the Military Service with CM responsibilities.

5-11. Duties of JSCCB members

a. The JSCCB Chairperson will make final decisions after considering change proposals presented by JSCCB members.

b. Duties of JSCCB members are as follows:

- (1) The Military Service Configuration Coordinator will
 - (a) Serve as the JSCCB Chairperson's POC in the Military Service responsible for CM.
 - (b) Analyze and evaluate comments and concurrences from JSCCB members and make recommendations to the Chairperson for resolving conflicts and approving ECPs, MWOs, VECPs, RFDs, and RFWs.
 - (c) Approve or disapprove Class II ECPs and minor RFDs.
 - (d) Confirm the minor classification of waivers to the contract administrative component.
 - (e) Initiate actions to implement approved ECPs, MWOs, VECPs, RFDs, and RFWs.
- (2) The Configuration Administrator will
 - (a) Assist the Military Service Configuration Coordinator.
 - (b) Log ECPs, MWOs, VECPs, RFDs, and RFWs as they are received and processed.
 - (c) Provide to JSCCB members and other concerned elements copies of initial and final approved or disapproved ECPs, MWOs, VECPs, RFDs, and RFWs.
 - (d) Set suspense dates for submitting inputs or recommendations on ECPs, MWOs, VECPs, RFDs, and RFWs to the Chairperson and Configuration Coordinator.
 - (e) Assemble comments from JSCCB members for the Configuration Coordinator.
 - (f) Monitor and conduct follow-up actions.
- (3) The technical representative will
 - (a) Verify the technical need for a change and the impact of making no change.
 - (b) Evaluate and comment on adequacy of engineering design.
 - (c) List or confirm the drawings and technical data to be changed or prepared.
 - (d) Prepare or confirm a cost analysis for implementing the proposed changes, both to the technical data and hardware (if applicable).
 - (e) Identify the date Government revision of drawings will be available (Government custody).
- (4) The supply representative will
 - (a) Verify the National Stock Number (NSN) part numbers, reference numbers, and manufacturer's codes of all maintenance-significant parts affected.
 - (b) Provide impact statement for each part affected.
- (5) The maintenance representative will
 - (a) Identify all maintenance-significant parts affected.
 - (b) Identify technical publications affected and estimated costs for updating.
 - (c) Determine the effect on training aids and training estimated costs.
 - (d) Provide an impact statement for provisioning and maintainability.
- (6) The quality assurance representative will
 - (a) Provide quality assurance guidance.
 - (b) Review impact of proposed changes on quality and/or test requirements.
- (7) The contracting representative will
 - (a) Evaluate contractual implications.
 - (b) Arrange for contract modifications to implement approved ECPs, MWOs, VECPs, RFDs, and RFWs.

Section III

Configuration Status Accounting

5-12. General

This section sets forth status accounting procedures to ensure the integrity of baseline CI documentation and the traceability of changes to them throughout the life cycle.

5-13. Configuration Status Accounting Policy

a. Configuration status accounting data and information for an official CI and configuration changes thereto will be recorded and reported throughout the life cycle of the CI.

b. The configuration status accounting and reporting system will conform to referenced policy directives and the individual CMPs that will be prepared for DOD MEPGS.

5-14. PM-MEP responsibilities

The PM-MEP will

a. Guide and direct the managing Military Service or Government Agency to develop and implement a configuration status accounting and reporting system that includes the necessary data elements that will be reported periodically to the PM-MEP.

b. Resolve differences among the participating Military Services and Government Agencies to ensure sharing of data and information.

c. Designate the data repository for each CI.

d. Monitor the configuration status accounting and reporting system throughout the life cycle of the CI.

5-15. CM Military Service responsibilities

The Military Service or Government Agency assigned CM responsibility for a CI will

a. Develop and submit the proposed status accounting and reporting system to the PM-MEP for approval; implement and maintain the system; and select record and report formats.

b. Prepare contract data requirements (DD Form 1423, Contract Data Requirements List) for data to be provided under contract for delivery to the Government.

c. Maintain records of all configuration change data and information for approved CI baselines.

d. Report configuration data or information to PM-MEP.

5-16. Acquiring activity responsibilities

The acquiring Military Service or Government Agency will ensure that Government requirements for configuration status accounting and reporting data are properly listed on the Contract Data Requirements List (CDRL) and specified in the contract.

Appendix A References

Section I

Required Publications

This section contains no entries.

Section II

Related Publications

A related publication is merely a source of additional information. The user does not have to read it to understand this regulation.

Army Regulation (AR) 11–2

Management Control

AR 70–1

Army Acquisition Policy

AR 700–127

Integrated Logistic Support

DA PAM 70–3

Army Acquisition Procedures

DA PAM 700–55

Instructions for Preparing the Integrated Logistic Support Plan

DOD 4120.24–M

Defense Standardization Program (DSP) Policies and Procedures (www.dtic.mil/whs/directives/corres/publ.htm)

DOD 5000.1

Defense Acquisition (www.acq.osd.mil/)

DODI 5000.2

Operation of the Defense Acquisition System (<http://www.dtic.mil/whs/directives/corres/publ.htm>)

DODD 4120.11

Standardization of Mobile Electric Power (MEP) Generating Sources (www.dtic.mil/whs/directives)

DOD Implementation Plan for Logistics Automatic Identification Technology, March 2000

(www.DODAIT.com)

Joint Service Publication AMC–R 750–10/OPNAVINST 4790.14A/AFMCR 800–30/MCO P4790.10B/DLAD 4151.16

Joint Depot Maintenance Program (www.amc.army.mil/amc/ci/pubs/r750_10.pdf)

Joint Service Regulation AFR 66–19/AR 25–36/MCO 5215.16A/DLAR 4151.9 (OPNAVINST 5600.22)

Interservicing of Technical Manuals and Related Technology (www.supply.dla.mil/a76/ddpw_pubs.asp)

MIL–PRF–49506

Logistics Management Information (LMI) (www.logsa.army.mil/alc/index.htm)

MIL–PRF–63010B

Manuals Technical: DOD Standard Generator Sets (weblog.logsa.army.mil/mil40051/tmsspecs.htm)

MIL–HDBK–502

Acquisition Logistics (www.logsa.army.mil/alc/index.htm)

MIL–HDBK–633

Mobile Electric Power Engine Generator Standard Family General Characteristics (<http://engineering.wpafb.af.mil/>)

MIL-STD-1332B

Definitions of Tactical, Prime, Precise, and Utility Terminologies for Classification of the DOD Mobile Electric Power Engine Generator Set Family (<http://engineering.wpafb.af.mil/engstds/engstds.asp>)

MIL-DTL-31000A

Technical Data Packages (www.acq.osd.mil/)

SB 708-6/GSA FSS-H6

Federal Item Name Directory for Supply Cataloging (H6-A, B) (<http://weblog.army.mil>)

Section III**Prescribed Forms**

This section contains no entries.

Section IV**Referenced Forms****DA Form 2028**

Recommended Changes to Publications and Blank Forms

DA Form 12-09-E

Subscription Numbers, Part IV (ARs, CIRs and PAMs) (EGA)

DD Form 1423

Contract Data Requirements List (CDRL)

Appendix B**Assignments for First and Second Generation DOD Standard Family of Mobile Electric Power Generating Sources****B-1. Preface**

This appendix provides information regarding the Primary Inventory Control Activity (PICA), Primary Provisioning Agent (PPA), and Configuration Management (CM) Assignments for First and Second Generation DOD Standard Family of MEPGS.

B-2. Tables 1 and 2

Table 1 lists the first generation family of DOD standard mobile electric power generating sources—military standard generator sets. Table 2 lists the second generation family of DOD standard mobile electric power generating sources—tactical quiet generators and later DOD generator sets.

Table B-2

Second Generation Family of DOD Standard Mobile Electric Power Generating Sources – Tactical Quiet Generators (TQG) and later DOD Generator Sets (all are diesel):

1. Department of the Army		
a.	2 kW, 60 Hz	MEP Model 531A
b.	2 kW, 28 VDC	MEP Model 501A
c.	3 kW, 60 Hz	MEP Model 831A
d.	3 kW, 400 Hz	MEP Model 832A
e.	5 kW, 60 Hz	MEP Model 802A
f.	5 kW, 400 Hz	MEP Model 812A
g.	5 kW, 28 VDC	MEP Model 952A
h.	10 kW, 60 Hz	MEP Model 803A
i.	10 kW, 400 Hz	MEP Model 813A

Table B-2
Second Generation Family of DOD Standard Mobile Electric Power Generating Sources – Tactical Quiet Generators (TQG) and later DOD Generator Sets (all are diesel):—Continued

1. Department of the Army			
j.	15 kW, 50/60 Hz	MEP Model 804A	
k.	15 kW, 400 Hz	MEP Model 814A	
l.	30 kW, 50/60 Hz	MEP Model 805A	
m.	30 kW, 400 Hz	MEP Model 815A	
n.	60 kW, 50/60 Hz	MEP Model 806A	
o.	60 kW, 400 Hz	MEP Model 816A	
2. Department of the Air Force			
a.	100 kW, 60 Hz	MEP Model 807A	(Pending)
b.	200 kW, 60 Hz	MEP Model 809A	(Pending)
3. United States Marine Corps			
a.	2 kW, 60 Hz	MEP Model 531A	(Pending)
b.	2 kW, 28VDC	MEP Model 501A	(Pending)
c.	3 kW, 60 Hz	MEP Model 831A	
d.	5 kW, 60 Hz	MEP Model 802A	(Pending)
e.	10 kW, 60Hz	MEP Model 803A	
f.	10 kW, 400 Hz	MEP Model 813A	
g.	15 kW, 60Hz	MEP Model 804A	(Pending)
h.	30 kW, 60 Hz	MEP Model 805A	
i.	30 kW, 400 Hz	MEP Model 815A	
j.	60 kW, 60 Hz	MEP Model 806A	
k.	60 kW, 400 Hz	MEP Model 816A	
l.	100 kW, 60 Hz	MEP Model 807A	(Pending)

Appendix C

Request for Deviation

C-1. Preface

The purpose of the Request for Deviation (RFD) is to provide a tabulation of information required to make an analysis of the using system and proposed nonstandard MEPGS. It also serves as a guide for the system developer to ensure that proper consideration has been taken concerning the critical aspects of the generator set and that it is suitable for the environmental, electrical, and transportability requirements of the system. The RFD further provides a reminder for the system developer that logistics support for the nonstandard set must be considered in the decision to field a nonstandard set.

C-2. Sample Format for RFD

The format given in figure C-2, below can be used as the basis for the RFD. Information contained within the brackets [] is provided to clarify the information requested.

Originating Military Service/Government Agency

Date

THROUGH: Appropriate Central Control Point (see para 3-17)

TO: DoD Project Manager-Mobile Electric Power

ATTN: AMSEL-DSA-MEP

7798 Cissna Road, Suite 200

Figure C-2. Originating Military Service/Government Agency-Continued

Springfield, VA 22150-3199

This is a request for approval to use a special purpose Mobile Electric Power Generating Source (MEPGS) not listed in Department of Defense Handbook, MIL-HDBK-633, Standard Family of Mobile Electric Power Generating Sources General Description Information and Characteristics Data Sheets.

1. Originating organization identification:

- a. Department
- b. Command
- c. Division, branch, or office
- d. Mail symbol
- e. Address
- f. Contact (name)
- g. Telephone

Defense System Network (DSN)	Extension
Commercial	Extension

2. System identification and data:

- a. Nomenclature
- b. System designator
- c. NSN
- d. System status (R&D - Production - Fielded)
- e. Power requirements of using system (attach Purchase Description, Specification, or Statement of Work covering power source requirements):

(1) Maximum rated load [all system components energized]

AC, kW, V, Hz, Phase, PF

DC, kW, V, % Ripple

[If load temperature dependent, provide power requirements at temperature extremes]

(2) Nominal load [the kilowatt sum of those components that operate during operational scenarios]

AC, kW, V, Hz, Phase, PF

DC, kW, V, % Ripple

[If load temperature dependent, provide power requirements at temperature extremes]

(3) Voltage regulation requirements:

% regulation [no load to rated load]

Figure C-2. Originating Military Service/Government Agency-Continued

% bandwidth steady state stability (short term, 30 seconds)

% transient dip/rise [upon sudden application or removal of rated load]

± seconds, recovery after transient

(4) Frequency regulation requirements:

% regulation [no load to rated load]

% bandwidth, constant load deviation [short term, 30 seconds]

% transient overshoot/undershoot [upon sudden application or removal of rated load]

± seconds, recovery after transient

[Note: State bandwidth value in 2e(3) above as percent of rated voltage; state bandwidth value in 2e(4) above as percent of rated frequency.]

f. Other requirements for MEPGS (Special or unusual requirements must be justified and classified as essential or desirable.)

(1) Environmental [Temperature range, altitude requirements (both rated and derated conditions), and storage temperatures]

(2) Transportability [e.g., railroad, truck, trailer, aircraft]

(3) Shock and vibration

(4) Size and weight [both dry and wet (operational)]

(5) Mean time between major overhauls

(6) Reliability [Include confidence level]

(7) Maintainability

(8) Other Special or Unusual: [e.g., remote control, special fuel, load transfer, paralleling]

g. System, vehicle, or end item requiring power source:

(1) Calendar year of initial fielding:

(2) Estimated remaining life (calendar year):

(3) Is request for deviation due to change in the original item?

Yes

No

3. Identify the special purpose item requested:

a. Make and model

b. NSN

c. Power rating

d. Engine make and model

Figure C-2. Originating Military Service/Government Agency-Continued

- e. Engine type
 Spark ignition Gas turbine
 Compression ignition Other
- f. Engine cooling:
 Air Liquid
- g. Is item used in other military applications?
 Yes No

If Yes, identify one or more end item applications.

- h. Are Technical Manuals available for operation and maintenance of the requested generator set?
 Yes No
 Commercial Military
- i. Are repair parts, special tools, and test equipment available within the Military Service or Government Agency supply system or the DOD supply system?
 Yes No
- j. What action will be taken by the requester to ensure logistical support of the deviation item if approval is granted to include depot-level rebuild or overhaul plans?
- k. Has the requested item been adequately tested to ensure its suitability for military use?
 Yes No

If yes, attach copy of test report or state location of test data with point of contact name and telephone number.

- l. Is there an adequate Technical Data Package (TDP) available for procurement of the requested item? [Identify the Military Service or Government Agency custodian, address, office symbol, and telephone number.]
- m. Is operator and maintenance training now in effect?
 Yes No
- n. Planned disposition of generator set upon system end-of-life phase:
4. Quantity of items to be acquired under this request if approved:
- a. Initial quantity:
- b. Estimated total quantity:
- c. Date(s) required:

Figure C-2. Originating Military Service/Government Agency-Continued

[Attach time-phased delivery schedule]

5. Identify the nearest standard family generator item (model number and NSN):
- a. Has the standard family generator item been tested with the using system?

Yes	No
-----	----
 - b. How does the above standard family generator item fail to meet requirements of the using system?
 - c. What specific changes would be needed in the standard family generator item to make it suitable for the using system?
 - d. What change in the using system would make it compatible with a standard family generator set?
 - e. What action is being taken to adapt the system or major end item to permit interface with a standard family generator item? [Include the action office, address, office symbol, telephone number, and forecast completion date.]
 - f. Total quantity of deviation item in current use by requester:

[Optional: additional clarifying information/data and summary]

Signature:

Typed name:

Position/title and organization:

Telephone number:

Figure C-2. Originating Military Service/Government Agency-Continued

Appendix D Management Control Evaluation

D-1. Function

The function covered by this evaluation is Mobile Electric Power Programs.

D-2. Purpose

The purpose of this evaluation is to assist the Project Manager-Mobile Electric Power (PM-MEP) in evaluating key management controls listed below. It is not intended to cover all controls.

D-3. Key Management Controls

The key management controls for this function are the Milestone Documentation requirements specified in DODI 5000.2 and Major Automated Information System (MAIS) Acquisition Programs.

D-4. Management Control Evaluation Process

Management Control Evaluation for MEP programs shall follow the evaluation process contained in appendix C (Management Control Evaluation for Non-Major Defense Acquisition Program Milestone Decision Reviews), AR 70-1 (Army Acquisition Policy). Because these management control evaluations are conducted as part of Milestone Decision Reviews (MDR), they will follow the schedule established by each Major Program within PM-MEP for these reviews, rather than following the uniform fiscal year schedule normally used in Management Control Plans. The Acquisition

Decision Memorandum (ADM) will serve as the documentation for the evaluation. This documentation must be retained on file in the program office until superseded by a more recent evaluation (i.e., the next MDR).

Glossary

Section I Abbreviations

AC

Alternating Current

ADM

Acquisition Decision Memorandum

AFLC

Air Force Logistics Center

CASCOM

U.S. Army Combined Arms Support Command

CCB

Configuration Control Board

CDRL

Contract Data Requirements List

CI

Configuration Item (or Configuration Identification)

CIVR

Configuration Item Verification Review

CM

Configuration Management

CMP

Configuration Management Plan

DC

Direct Current

DCD

Directorate of Combat Developments

DCMAO

Defense Contract Management Administration Office

DCN

Design Change Notice

DCS, G-4

Deputy Chief of Staff, G-4

DD

Department of Defense (as in DD Form XX)

DECOM

U.S. Army Depot Command

DLA

Defense Logistics Agency

DLSC

Defense Logistics Services Center

DOD

Department of Defense

DODD

Department of Defense Directive

DODI

Department of Defense Instruction

DODR

Department of Defense Regulation

ECP

Engineering Change Proposal

ETM

Electric Technical Manual

FAR

Federal Acquisition Regulations

FCA

Functional Configuration Audit

FSC

Federal Supply Class

GAO

General Accounting Office

GFE

Government-Furnished Equipment

HQDA

Headquarters, Department of the Army

Hz

Hertz

IETM

Interactive Electronic Technical Manual

ILS

Integrated Logistic Support

ILSP

Integrated Logistics Support Plan

(This term no longer used. Replaced by term "Supportability Strategy".)

IOC

Initial Operational Capability

JOP

Joint Operating Procedure

JSCCB

Joint Service Configuration Control Board

kW

Kilowatt

LAR

Logistics Assistance Representative

LO

Lubrication Order

LSA

Lead Standardization Agency

MAIS

Major Automated Information System

MDAP

Major Defense Acquisition Program

MDR

Milestone Decision Review

MEP

Mobile Electric Power

MEPGS

Mobile Electric Power Generating Source(s)

MIL-DTL

Military Detail

MIL-HDBK

Military Handbook

MIL-STD

Military Standard

MIPR

Military Interdepartmental Purchase Request

MSR

Materiel Support Request

MWO

Modification Work Order

NSN

National Stock Number

PCA

Physical Configuration Audit

PCO

Procuring Contracting Officer

PF

Power Factor

PICA

Primary Inventory Control Activity

PM-MEP

Project Manager-Mobile Electric Power

POC

Point Of Contact

POM

Program Objective Memorandum

PPA

Primary Provisioning Agent

PPBS

Planning, Programming, and Budgeting System

PR

Purchase Request

PWD

Procurement Work Directive

R&D

Research and Development

RFD

Request For Deviation

RFW

Request For Waiver

RPSTL

Repair Parts and Special Tools List

SICA

Secondary Inventory Control Activity

SSR

Supply Support Request

TDP

Technical Data Package

TM

Technical Manual

TQG

Tactical Quiet Generator

TRADOC

U.S. Army Training and Doctrine Command

V

Volts

VDC

Volts Direct Current

VECP

Value Engineering Change Proposal

WISSA

Wholesale Interservice Supply Support Agreement

Section II

Terms

Agent

A Military Service or its Agency providing supplies or service(s) to another Military Service or its Agency.

Configuration

The function and physical characteristics of hardware described in technical documentation.

Configuration Control

The systematic evaluation, coordination, approval or disapproval, and implementation of all approved changes in the configuration of a Configuration Item (CI) after formal establishment of its Configuration Identification.

Configuration Coordinator

The Configuration Control Board (CCB) chairperson's point of contact in the Military Service responsible for Configuration Management. The coordinator also coordinates CCB review of proposed changes, waivers, and deviations and recommends approval or disapproval to the CCB chairperson.

Configuration Identification

The current approved or conditionally approved technical documentation for a Configuration Item (CI) set forth in specifications, drawings, and associated referenced lists and documents.

Configuration Management Plan (CMP)

A statement of intent to carry out policies and requirements for managing the configuration of DOD MEPGS. It supplements the basic CM regulations and procedures and tailors these for application to the DOD MEPGS.

Configuration Status Accounting

The recording and reporting of information that is needed to manage configuration effectively. It includes a list of the approved configuration identification, the status of proposed changes to configuration, and the completion status of approved changes.

Contracting activity

A Military Service, DLA, or other DOD component with authority to acquire DOD Standard Family generator sets.

Design activity

The Governmental activity assigned to develop and coordinate the design and specifications of a DOD Standard Family generator item.

Fixed electric power generating source

Nontactical generator sets that require special foundations, protection from the elements, or remote assemblies other than fuel supply to run. They cannot produce electric power unless installed. Examples of fixed installations are Military Construction, Army (MCA); Military Construction, Navy (MCON); Real Property Installed Equipment (RPIE); Military Construction Program (MCP); and nuclear, shipboard, or airborne electric power generating sources.

Initial Provisioning

The process of determining the range and quantity of items (i.e., spares and repair parts, special tools, test equipment, and support equipment) required to support and maintain an item for an initial period of service. Its phases include the identification of items of supply, the establishment of data for catalog, technical manual, and allowance list preparation, and the preparation of instructions to assure delivery of necessary support items with related end articles.

Joint-use service coordinating activity

The activity of a Military Service or DOD Agency assigned as the single point of contact in that Military Service or DOD Agency for technical manual matters.

Joint-use technical manuals

Technical manuals used by two or more DOD Military Services

Mobile Electric Power Generating Sources (MEPGS)

All mobile, engine-driven electric power generating sources, 750 kilowatt and smaller, that are:

- a. Skid-mounted, wheel-mounted, or man-portable.
- b. Complete equipment assemblies or a part of an assembly.
- c. Capable of independently producing electric power when operating on diesel, gasoline, or other fuel from integral or remote fuel sources.

MEPGS includes follow-on power sources such as fuel cells and thermoelectric devices. (Fuel cells and thermoelectric devices of less than ½ kW rating and electro-chemical batteries are not included.)

Potential claimant

A Military Service, DOD Agency or Government Agency that takes part in the initial provisioning of DOD Standard Family generator sets because of potential usage; it is not an actual claimant of items from a specific contract at the time of initial provisioning.

Primary Provisioning Agent (PPA)

The Military Service, DOD Agency or Government Agency assigned to ensure full initial provisioning of specified DOD Standard Family generator sets, including full coordination with all claimants or potential claimants.

Principal

A Military Service, DOD Agency or Government Agency obtaining supplies or services from another Military Service or Government Agency.

Procurement Work Directive

A standardized computer generated (or manually prepared) work directive used to effect procurement action within a procurement activity. Army Materiel Command (AMC) Form 1095G is normally used for a PWD.

Provisioning technical documentation

The generic term for the various types of provisioning lists, decks of punch cards, mechanized (PCMs) or automated data processing (ADP) tapes. Provisioning technical documentation is used by DOD Agencies to identify, select, and determine initial requirements and catalog support items to be acquired through provisioning.

Requiring activity

The Military Service, DOD Agency or activity, or civil agency that will receive DOD Standard Family generator sets acquired under the approved acquisition plan for mobile electric power.

Service-peculiar Technical Manual

A Technical Manual covering a nonstandard generator set used only by one Military Service.

Section III

Special Abbreviations and Terms

AIS

Automated Information System

ADP

Automated Data Processing

MCAS

Military Construction, Army

MCON

Military Construction, Navy

MCP

Military Construction Program

PCM

Punch Cards, Mechanized

PWD

Procurement Work Directive

RPIE

Real Property Installed Equipment

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