From: Chief of Naval Operations

Subj: MOBILE UTILITIES SUPPORT EQUIPMENT PROGRAM

Ref: (a) NAVSO P-1000, FINANCIAL MANAGEMENT POLICY MANUAL of September 2016

1. Purpose

   a. To update and delineate specific responsibilities for managing the Mobile Utilities Support Equipment (MUSE) Program.

      b. Summary of changes to the instruction include MUSE no longer supporting steam plants in inventory; clarification of annual budget review with Office of the Chief of Naval Operations (OPNAV) Director, Shore Readiness Division (OPNAV N46); addition of OPNAV N46 responsibilities; clarification of transportation funding responsibility for non-Department of Defense (DoD) user activities; and clarification of where to request MUSE support. This instruction is a complete revision and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 11300.5C.

3. Background. The MUSE Program provides specialized, easily transportable utility equipment and subject matter expertise for temporary support of shore power systems. MUSE includes electric power plants, substations, and electrical switchgear to meet emergency and unforeseen utility requirements. MUSE designs incorporate features to achieve maximum land and air transportability, and maximum standardization and interchangeability of equipment, components and parts, and technology upgrades.

4. Scope and Applicability. This instruction applies to all U.S. Navy commands, activities, and personnel involved in the Navy MUSE program management and oversight processes.

5. Definitions. For the purpose of the MUSE Program, the definitions in subparagraphs 5a through 5g apply:

   a. Normal Deployment. Assigning MUSE to an activity for a period of up to 48 months.

   b. Extended Deployment. Extending a normal deployment for a period in excess of 48 months. Unless directed by OPNAV N46, deployment extensions will not exceed 48 months beyond the normal deployment.
c. **Overhaul.** Complete disassembly of MUSE, including disassembly of all parts and components, followed by inspection, rebuilding, and reassembly incorporating technology and environmental upgrades to return to "like new" condition.

d. **Repair.** Restoration or replacement of parts or components, including partial disassembly or removal necessary to return the complete unit to an efficient, safe, and reliable operating condition.

e. **Deployed Assets.** MUSE assigned to a user activity.

f. **Undeployed Assets.** MUSE assets ready for deployment, needing repair and maintenance, or in an overhaul status not assigned to a user activity.

g. **User Activity.** Command signing deployment agreement with Naval Facilities Engineering Command (NAVFAC ENGCOM) Engineering and Expeditionary Warfare Center (NAVFAC EXWC).

6. **Policy.** It is Department of the Navy (DON) policy to provide MUSE to support the requirements in subparagraphs 6a through 6e of the Navy and Marine Corps.

a. **Cold Iron Support.** Direct utility support for pier side or dry-docking continuous maintenance for Navy vessels and fleet operations when in-place services have insufficient capacity, are nonexistent, or are uneconomical.

b. **Fleet Support.** Direct support of shore installations where in-place utility infrastructure is unable to meet system demands due to temporary overloads, increase in mission tempo, or changes to facility planning and programming until utility requirements can be satisfied through normal programming.

c. **Contingency Support.** Support of shore installations during unforeseen utility emergencies, such as failures resulting from natural disasters and unexpected equipment breakdowns, while interim repair or replacement of failed utilities and distribution is performed.

d. **Expeditionary Support.** Support of expeditionary military operations.

e. **As Directed By Higher Authority.** Support of other short-term requirements of both Federal and non-Federal activities as directed by Secretary of the Navy (SECNAV), Office of the Secretary of Defense (OSD) or Joint Chiefs of Staff (JCS).
7. **Responsibilities**

a. Director, Shore Readiness Division (OPNAV N46) will:

   (1) Assess and approve recommended inventory levels and equipment replacement cycles.

   (2) Provide resource planning and programming support to ensure OPNAV N46-approved MUSE readiness and inventory levels are maintained.

b. Commander, Navy Installations Command (CNIC) will:

   (1) Review MUSE requirements, inventory, and deployments annually with NAVFACENGCOM.

   (2) Notify OPNAV N46 of MUSE requests greater than 48 months and include a plan to permanently resolve the utility or facility deficiency.

c. Commander, NAVFACENGCOM will:

   (1) Plan, budget, and execute MUSE replacement, overhaul, repair, transportation, storage, and logistic support to meet current and predicted usage, per reference (a).

   (2) Assign annual overhaul schedules and user rates for all deployed MUSE. Annual rates are equivalent to a proportionate share of MUSE overhaul costs when a major overhaul is performed on MUSE that has been used by an industrial-commercial activity.

   (3) Sustain fleet readiness and overhaul pools of MUSE.

   (4) Carry out a program for research, design, development, and acquisition of MUSE to meet changing operating environments and foreseen employments.

   (5) Provide CNIC regional commanders a recommendation for approval or disapproval of MUSE requests or extensions greater than 48 months. The recommendation must include a plan of action and milestones (POA&M) to permanently resolve the utility or facility deficiency.

   (6) Issue policy to user activities providing guidance for selecting, requesting, deploying, operating, and maintaining MUSE.

   (7) Staff and submit requests for MUSE from other than DON activities to OPNAV N46 for approval.
(8) Recommend inventory objectives and inventory levels to OPNAV N46 for approval every 5 years.

(9) Maintain an inventory of MUSE adequate to support the needs of forces afloat and the shore establishment.

(10) Refer requests that cannot be met with undeployed assets, and requests that entail transfer between user activities to OPNAV N46.

(11) Assign transportation accounting for MUSE movements to or from user activities, except for airlift transports; airlift funding is the responsibility of the user activity.

(12) Establish and maintain stringent qualifications for MUSE technicians and standards for user activity operators and maintenance personnel to ensure safe operations.

(13) Obtain environmental permits for MUSE use.

d. User activities requesting and utilizing MUSE will:

   (1) Contact NAVFACENGCOM EXWC, Port Hueneme, California via e-mail or phone at (805) 982-5323, DSN 551-5323, or mobile (after 1600 PST) (805) 312-4717 to determine whether a need justifies deployment of MUSE assets for power generation or transformation. User activity should reference NAVFACENGCOM Business Management System (BMS) B-5.2.16 MUSE found at https://bms.navfac.navy.mil for procedures, processes, and required submittals.

   (2) Fund the items in subparagraphs 7d(2)(a) through 7d(2)(e) for assigned MUSE:

      (a) Installation and disconnection costs;

      (b) Operation and maintenance expenses, including any costs incurred for maintaining MUSE in re-deployable condition, throughout deployments;

      (c) Restocking of MUSE support parts as they are consumed;

      (d) Repair and rehabilitation costs to maintain MUSE in a re-deployable condition for the duration of the deployment, including when awaiting transportation; and

      (e) If an industrial-commercial activity, annual proportionate overhaul cost of MUSE.

   (3) Operate and maintain MUSE in a re-deployable condition for the duration of deployment per NAVFACENGCOM EXWC guidance.
(4) Provide for the physical security of MUSE during deployment.

(5) Develop a POA&M to permanently resolve the utility or facility deficiency, in coordination with the installation commander. The POA&M must provide the completion date, estimated cost, actions taken to accommodate the project, and which funding program (operations and maintenance, Navy, other procurement, Navy, or military construction) will be utilized. For emergency requirements, the POA&M may be submitted up to 30 days after the request. The POA&M must be submitted to the CNIC regional commander for review, approval, and inclusion in future project requirements.

e. CNIC regional commander will approve or disapprove all MUSE support requests within their area of responsibility.

f. CNIC installations commanders will:

(1) Send all requests for MUSE support to their CNIC regional commander.

(2) Endorse all requests for MUSE support from any CNIC tenant activity and forward to their CNIC regional commander.

g. CNIC installation tenant activities, in addition to those responsibilities identified in subparagraph 7d, will:

(1) Submit all requests for MUSE support for endorsement via the CNIC installation commanding officer. An advanced electronic copy of the request must be sent to NAVFACENGCOM EXWC, MUSE Division.

(2) Send all requests for technical assistance to NAVFACENGCOM EXWC, MUSE Division.

8. Records Management. Records created as a result of this instruction, regardless of media and format, must be managed per SECNAV Manual 5210.1 of January 2012.
9. **Review and Effective Date.** Per OPNAVINST 5215.17A, OPNAV N46 will review this instruction annually on the anniversary of its issuance date to ensure applicability, currency, and consistency with Federal, DoD, SECNAV, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will be in effect for 5 years, unless revised or cancelled in the interim, and will be reissued by the 5-year anniversary date if it is still required, unless it meets one of the exceptions in OPNAVINST 5215.17A, paragraph 9. Otherwise, if the instruction is no longer required, it will be processed for cancellation as soon as the cancellation is known following the guidance in OPNAV Manual 5215.1.

[Signature]

D. R. Smith  
Deputy Chief of Naval Operations  
(Fleet Readiness and Logistics)

Releasability and distribution:  
This instruction is cleared for public release and is available electronically only via Department of the Navy Issuances Web site, [http://doni.documentservices.dla.mil](http://doni.documentservices.dla.mil)