



**PROGRAM MANAGER
EXPEDITIONARY POWER SYSTEMS
MARINE CORPS SYSTEMS COMMAND**

Tactical Generators

**MSgt Fred McCue
Project Officer Mobile Electric Power
fred.mccue@usmc.mil**



Agenda

- **Current Family of Equipment**
- **Recent Additions**
- **Supporting Efforts**
- **Equipment Buys and Deliveries**



Family of Mobile Electric Power

2KW 60HZ MEP-531A TAMCN B0980

3KW 60HZ MEP-16B TAMCN B0730

3KW 60HZ MEP-831A TAMCN B0730

10KW 60HZ MEP-003A TAMCN B0891

10KW 60HZ MEP-803A TAMCN B0891

10KW 400HZ MEP-813A TAMCN B0921

20KW 60HZ MMG-25 TAMCN B0930

30KW 60HZ MEP-005A TAMCN B0953

30KW 400HZ MEP-114A TAMCN B0971

30KW 60HZ MEP-805A/B TAMCN B0953

30KW 400HZ MEP-815A/B TAMCN B0971

60KW 60HZ MEP-006A TAMCN B1021

60KW 400HZ MEP-115A TAMCN B1016

60KW 60HZ MEP-806A/B TAMCN B1021

60KW 400HZ MEP-816A/B TAMCN B1016

100KW 60HZ MEP-007A/B TAMCN B1045

100KW 60HZ MEP-807A TAMCN B1045



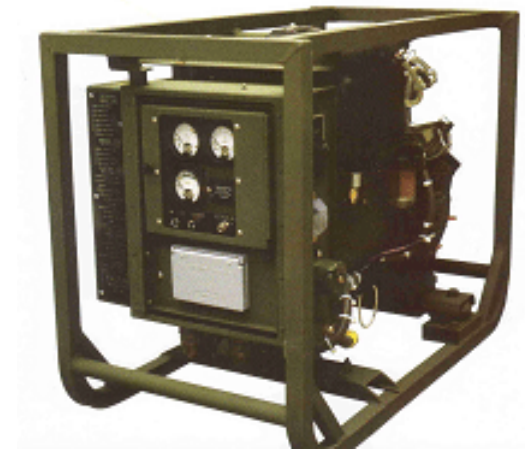
ITEMS IN RED ARE AT, OR BEYOND, THE END OF THEIR LIFE CYCLE AND ARE BEING REPLACED



Recent Addition – B0980

Technical / Performance Data

- **Model:** MEP-531A Military Tactical
- **Weight:** 152 lbs (wet)
- **Fuel:** Diesel & JP-8
- **Noise:** 79dBA @7m
- **Starting:** Manual and Slave Start
- **Fuel Usage:** 0.33 gph
- **Dimensions:** 30" L x 16" W x 22" H
- **Output:** 2 kW @ 120 VAC, Single Phase, 60Hz
- **Transport:** Man-Portable
- **Acquisition:** Currently being fielded



General usage for this item is for remote security lighting and to replace commercial man-portable sub 2kw units already in use.

Currently 455 sets have been received.

36 for MARFORRES, 83 in support of the UOC program and 197 for Operating Force units.



Recent Addition – B0930

Technical / Performance Data

- **Model:** MMG25 (USMC Configuration)
- **Weight:** 2200 lbs. (wet)
- **Fuel:** Diesel & JP-8
- **Noise:** 65 dBA @23 ft.
- **Starting:** Electric
- **Fuel Usage:** 2.1 gph
- **Dimensions:** 77" L x 35" W x 52" H
- **Output:** 22 kW 120/208, Three Phase
- **Transport:** HMMWV towable (M-116 / LTT-MCC)
- **Acquisition:** Continued purchase by MARCORSSYSCOM
- **Support:** Direct Vendor support for supply



This unit was originally purchased based off an Urgent Needs Statement from OIF. The equipment was brought into the inventory specifically to support the TRC-170.

Currently 74 sets are in Iraq, 6 in MARFORRES, 20 at III MEF, 28 at II MEF and 26 at I MEF.

A full O & I level military TM with cataloged (NSN assigned) parts is under development and is scheduled for completion by the end of April 07.



Recent Addition – B1045

Technical / Performance Data

- **Model:** MEP-807A
- **Weight:** 5860 lbs.
- **Fuel:** Diesel & JP-8
- **Noise:** 72dBA @7m
- **Starting:** Electric
- **Fuel Usage:** 7.85 gph
- **Dimensions:** 106" L x 40" W x 65" H
- **Output:** 100 kW @ 120/208/240/416 VAC
- **Transport:** MTRV new trailer, LVS
- **Acquisition:** Fielding began in 2006



USMC received its first sets in April 06 and were used to meet a critical MPF Shortfall.

22 sets were fielded to II MEF in November 2006. The first 7 of 50 sets for I MEF are here now.

All MEFs will receive some sets and New Equipment Training before the end of FY07.

380 sets have been purchased 190 sets will be delivered to the USMC before the end of CY07.

72 of the sets were purchased by PM-Engineers to support the new Containerized Batch Laundry System



Supporting Efforts

- **Field Service Representatives (FSR) within each MEF and forward deployed to Iraq.**
- **MARCORSYSCOM funded Training FSR based at Marine Corps Engineer School (MCES).**
- **Inclusion of MCES and Operating Forces personnel in equipment demonstrations and evaluations.**
- **Enhanced New Equipment Training (NET) with follow on training available.**



Equipment Buys – PEI Rotation

- **\$91M in equipment buys in FY05, FY06 and FY07.**
- **618 - 3kW, 60hz sets**
- **1453 - 10kW, 60hz sets**
- **39 - 10kW, 400hz sets**
- **134 - 22kW, 60hz sets**
- **1139 - 30kW, 60hz sets**
- **13 – 30kW, 400hz sets**
- **444 - 60kW, 60hz sets**
- **22 - 60kW, 400hz sets**
- **380 - 100kW, 60hz sets**



Major Deliveries

ITEM	QTY	DESTINATION	DELIVERY DATE
MEP-831	522	ALBANY	MARCH 2006 -APRIL 2007
MEP-803A	219	ALBANY	FEBRUARY-MARCH 2007
MEP-803A	130	ALBANY / BARSTOW	APRIL-AUGUST 2007
MEP-805B	240	ALBANY	JULY-AUGUST 2006
MEP-805B	90	BARSTOW	JUNE 2007
MEP-805B	140	ALBANY	OCTOBER 2007
MEP-806B	50	ALBANY	APRIL 2007
MEP-807A	34	ALBANY	APRIL 2007
MEP807A	32	ALBANY	MAY 2007
MEP807A	31	ALBANY	JUNE 2007

This table shows major equipment deliveries only. Smaller shipments will arrive. Information on equipment availability is available from the Project Officer or Equipment Specialist. Because of the need to Reset the Force and Principle End Item (PEI) rotation requirements, most equipment purchase are being directed to Albany. All using units, regardless of location, will still have backorders filled as equipment becomes available.



Fielding Issues

- **New generators replace old hardware; get rid of the old.**
- **Ensure you factor new equipment into your embark & pre-deployment plans.**
- **Ensure your Marines get trained.**
- **Submit TOECRs via TFSMS to change allowances.**



IF NOTHING ELSE, REMEMBER THIS:

- **New equipment is continuously arriving.**
- **Ensure your backorders are submitted properly.**
- **Contact the Material Manager or Equipment Specialist at Albany if you are not receiving the replacements you need.**
- **Contact your FSR for technical assistance or remedial training.**



PROGRAM MANAGER EXPEDITIONARY POWER SYSTEMS MARINE CORPS SYSTEMS COMMAND

Questions ?

