



MF Program Action Item

Action Item Number: 2011-112 **Date Submitted:** 03/08/11 **Submitted By:** MARFORCOM

Problem/Project Description:

AG-360MF-IIN-00 provides information for MF site planning and complexing along with formulas for power calculations and electrical load analysis which are completed using the stubby pencil and calculator method. Opportunity exists to modernize the current methodology by providing an automated application that the fleet can use when required to stand up a complex/multiple complexes in an expeditionary environment (i.e., deployed site planner plugs in the MF configs they are going to complex and gets info on proper power distribution, load balancing etc, to assist with establishing the power layout).

Recommendation:

- 1) Provide an automated application that can be loaded onto the E-Tool laptops to assist with MF complexing, power calculations and load analysis when deployed to austere environment.
 - 2) Incorporate expeditionary MF complexing procedures into the MF MOS core training curriculum.
- Prior e-mail coordination with the Program Office provided favorable feedback and information. The software used to set up a CONUS complex layout is AutoDesk AutoCAD LT. The Program Office provided config data files used for complexing and the Preliminary Technical Instructions that show how to use AutoCAD LT to edit the complexing files.
- Action Chit generated to formalize request.

Status/Course of Action: (Funded Yes No N/A)

Action Agency: MFPO **Assigned To:** MSgt Turner **Date Assigned:** 05/04/11

Est. Completion Date: 12/31/12 **Act. Completion Date:** _____ **Closed By:** _____