

## MOBILE FACILITY PROGRAM REVIEW

### ACTION ITEM

ACTION ITEM NO: 2-106

DATE SUBMITTED: 08 AUG 97

SUBMITTED BY: 1ST MAW MFC

### PROBLEM:

To my knowledge, there is no standard program used to assist and plan the movement and complexing of MF's on a land-based site, such as what is provided by TALPS for the T-AVB ships. MALS-36 has used a program known as VISIO to accomplish the foot-printing, design, and layout of his "new" complex with great success. This Program would be very beneficial to all units involved with the movement of, and complexing of MF's.

### DISCUSSION:

MALS-36 is prepared to provide a quick 10-15 minute demonstration of this Program.

### RECOMMENDATION:

Review feasibility of purchasing VISIO Program.

### ACTION AGENCY:

NADEP NORIS (CODE 48701)

### COMPLETION DATE:

15 OCT 97

### **STATUS: 15 OCT 97**

Closed. Code 48701 will not review the feasibility of purchasing VISIO CAD program because AutoCAD is the current Mobile Facilities (MF) standard CAD program. VISIO CAD program is limited to producing drawings using templates. It does not have features of producing a data base or spreadsheet for collecting information directly from a layout of complexed MF's.

Solution is in work, LtCol Mendez of USMC HQ tasked Code 48701 on 17 Sept 96 to develop an instructional manual on Complexing of Mobile Facilities (MF) per Table of Basic Allowance.

This Manual will provide for an orderly and standardized deployment of (MF)'s. It will supplement the Aviation Logistics Support Ship (T-AVB) Logistics Planning Manual in executing the Initial Logistics Planning of a (T-AVB) deployment or any tactical deployment of (MF)'s, as well as the Mobile Facility Site Planning Installations Instructions. It has information to simplify the decomplexing and complexing of (MF)'s ashore and by (T-AVB) crew in embarkation and debarkation of (MF)'s from the (T-AVB) ship.

This manual has digitized layouts of various notional mixes of complexed (MF)'s per Table of Basic Allowance. It shows the total electrical load in KVA of each complex or a group of complexed (MF)'s. It provides a sequencing numbering system for an orderly decomplexing, loading, off-loading and complexing of (MF)'s. An arrow is included on the drawings of each (MF) to point to the front of the (MF). Each (MF) is identified with a workcenter number to show workcenters and divisional integrity within a complex. Each (MF) is drawn to scale, which is very helpful when determining the total area required to deploy any number of (MF)'s. Each MALS unit will have the capability to update the drawing files to include serial numbers of (MF)'s under their control.

Computer software required to update the files are AutoCAD LT and Lotus Smart Suite.

Code 48701 completed 90 percent of the task and has no set delivery date because of other priorities.

**STATUS: 29 JUL 98**

Open. NADEPNI Code 48701 re-opened at Logistics Review Group (LRG) meeting and to provide Hardware and Software requirements to ASL-34.

COMPLETION DATE:

15 DEC 98

**STATUS: 30 NOV 98**

Closed. As per Logistics Review Group (LRG) meeting held at JRB Ft. Worth, Texas on 29 Jul 98, the following Hardware and Software requirements are provided:

**COMPUTER SYSTEM**

- Intergraph TD-40 Deskside Workstation Computer, PCI Bus
- Dual 200 MHz Pentium-Pro Processors
- 64 Mbytes RAM Memory
- Fast SCSI-2 Interface
- PCMCIA Interface
- 1.44 MB Floppy Drive
- 2 Gbyte SCSI Internal Hard Drive, 9 ms
- CD-ROM SCSI Drive
- 4 mm DDS-2 DAT Tape Back-Up Drive
- Network Connector (10Base-T, AUI)
- Sound Card
- Keyboard (Built-In Speakers and Mike)
- Mouse
- V.34 Internal 28.8K BPS Modem/Fax
- PCI High Res Graphics Card (4 MB mem)
- 17-Inch Color Monitor (1280 x 1024 pixel)
- Windows NT Workstation Software
- TEAC 1.2 MB, 5.25 Inch Floppy Disk Drive
- APC Back-Up 600 Power Supply
- Hewlett-Packard DesignJet 750C Plotter (Model # C3196A) E-size, 600 dpi, Color (300 dpi), Network Capable
- Hewlett-Packard Additional 8 Mbyte Memory for DesignJet 750C Printer
- Hewlett-Packard LaserJet 5N Printer(Includes Network Card) (6MB mem)
- Hewlett-Packard Additional 8 Mbyte Memory for LaserJet 5N Printer
- Hewlett-Packard Jet-Direct Network Card for Plotter (PN # J2552A)
- Addtron Network Hub
- Addtron Network (8 Port 10Base-T connectors and connects to 10Base-T, AUI, BNC outside networks)
- Lotus Smart Suite for Windows NT (CD)
- AutoDesk AutoCAD LT Version 3.0 for Windows NT (CD) Microsoft Project for Windows NT (CD)