

FIELDING PLAN
FOR THE
AUTOMATED MANIFEST SYSTEM – TACTICAL
(AMS-TAC)
MINI-DEPLOYABLE EMBARK
SUSTAINMENT KIT
(MINI-DESK)



JULY 2007

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**FIELDING PLAN FOR THE
AUTOMATED MANIFEST SYSTEM – TACTICAL (AMS-TAC)
MINI – DEPLOYABLE EMBARK SUSTAINMENT KIT (MINI-DESK)**

1. Background. This fielding plan has been developed to provide the Marine Corps Traffic Management Sections with logistics data necessary for the fielding and support of the Automated Manifest System Tactical (AMS-TAC) Mini-Deployable Embark Sustainment Kit (MINI-DESK).

The Secretary of Defense mandates the integration of Automatic Identification Technology and Radio Frequency Identification (AIT/RFID) technologies. AMS-TAC utilizes AIT/RFID hardware devices as part of the warehouse and distribution process in the Marine Corps.

AMS-TAC is a legacy application used by traffic management personnel to provide instant and automated access to manifest information regarding contents of containers and pallets. Access to manifest information is critical to cost effective and responsive management of supplies, especially during contingency and wartime conditions, to facilitate In-Transit Visibility and Total Asset Visibility (ITV/TAV). AMS-TAC is currently deployed to the Defense Logistics Agency (DLA), the U.S. Army and the U.S. Marine Corps at over 100 locations worldwide. AMS-TAC provides a user friendly software package that is designed to operate on a Pentium based notebook or desktop computer. AMS-TAC has the ability to read and or produce Military Shipping Labels (MSL), Optical Memory Cards (OMC) and a number of standard transportation documents. AMS-TAC can run in a stand alone or server based configuration.

2. Fielding Methodology. Fielding of the AMS-TAC MINI-DESK will begin during the fourth quarter of fiscal year (FY) 2007. The AMS-TAC MINI-DESK will be shipped directly from Marine Corps Systems Command, (MARCORSYSCOM) to the owning units. The fielding of the AMS-TAC MINI-DESK was discussed during the TDIS conference on January 24, 2007.

3. Method of Fielding. The AMS-TAC MINI-DESK will be fielded vertically. All receiving units will be notified prior to fielding via naval message. MARCORSYSCOM, Program Manager (PM)-Total Force Information Technology Systems (TFITS/TDIS) is responsible for managing the fielding of the equipment and providing a New Equipment Training Team (NETT). The NETT will provide complete capability/functionality training during fielding.

4. **Points of Contact.** See table 1 below.

Position	Activity	Telephone
Program Manager-TDIS/TFITS	MARCORSYSCOM, PG-10 Quantico, VA 22134	(703) 432-5178 DSN 378-5178
Team Lead	MARCORSYSCOM, PG-10 Quantico, VA 22134	(703) 432-5123 DSN 378-5123
Project Officer	MARCORSYSCOM, PG-10 Quantico, VA 22134	(703) 432-5121 DSN 378-5121
TDIS WEBSITE	http://www.marcorsyscom.usmc.mil/sites/tdis/	

Table 1. Points of Contact

5. **Administrative Information.** The following administrative information is provided:

a. **Nomenclature.** AMS-TAC MINI-DESK

b. **Table of Authorized Materiel Control Number (TAMCN).** A9011

c. **Stores Account Code (SAC).** 3

d. **National Stock Number (NSN).** 7050-01-544-4379

e. **Item Designator (ID).** 11347A

f. **Unit of Issue (UI).** EA

g. **Unit Cost (UC).** \$25,000.00

h. **Support Costs.** Annual support cost for the AMS-TAC MINI-DESK is estimated at \$450.00 per system.

Note. Major Subordinate Commands (MSCs) will be responsible for Operation and Maintenance (O&M) funding and sustainment for this system. Consumable items are the unit's responsibility such as batteries, paper, label, and toner. Replacement of surge protectors and computer cables are the unit's responsibility, these items can be purchased as commercial off the shelf (COTS) equipment.

i. **Physical Components /Characteristics.** The AMS-TAC MINI-DESK physical components and item characteristics are provided in figure 1 and table 2 below.

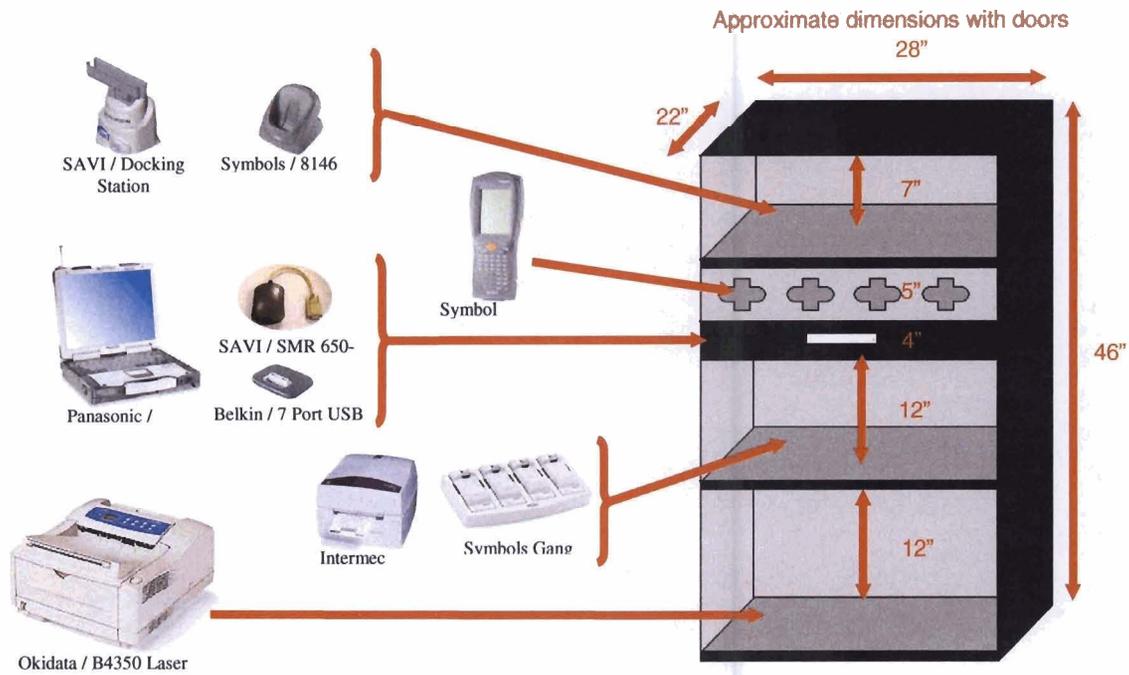


Figure 1. Physical Components

Item	Qty	Manufacture	Model	Dimensions
Laptop	1	Panasonic	CF29	11.8 x 9.5 x 2.3
Scanner	4	Symbol Technologies	8146	8.5 x 3.5 x 1.8
Cradle	1	Symbol Technologies	CRD8100-1200S	5 x 4 x 5.5
Gang Charger	1	Symbol Technologies	UBC2000	6 x 2 x 5.4
Charger Inserts	4	Symbol Technologies	21-32665-21	10 x 3.5 x 4
RFID Tag Dock	1	SAVI	For SAVI 410 tag	5 x 4.5 x 6
Sleeve Adapter	1	SAVI	For SAVI 654 tag	5 x 5 x 6
Interrogator	1	SAVI	SMR 650-110	2.5 x 3.5 x 1
USB Hub	1	Belkin	F5U237	2 x 3 x 4
Laser Printer	1	Okidata	B4350	14 x 15.6 x 8.5
Toner	1	Okidata	B4350 / 6k	5 x 2.5 x 2
Label Printer	1	Intermec	PC-4	10 x 9 x 5.5
Surge Protector	1	APC	PF11VT3	12.5 x 5.75 x 2.3

Table 2. Item Characteristics

j. **Petroleum, Oil, and Lubricants (POL)**. None.

k. **Equipment Density**. Normal.

l. **Resource Reporting**. Allowances for actual Table of Equipment (T/E) will be formally established. Unit commanders will maintain records of currently established allowances and changes. The AMS-TAC MINI-DESK will be accounted on a unit's property record to provide accurate on-hand visibility against the various Marine Corps allowance files (e.g., Total Force Structure Management System (TFSMS)).

m. **Power Requirements**. The AMS-TAC MINI-DESK requires 110/120 VAC50/60Hz electrical power. Detail battery description provided in table 3.

BATTERY TYPE	NSN/PART NUMBER	EXPECTED LIFE
Rechargeable lithium ion 11.7v Panasonic Tough Book	CF-VZU29AU	3 years
Rechargeable lithium ion 3.7v (PDT 8146 Handheld)	LP063450AR	3 years

Table 3. Battery Description

n. **Associated Weapons Systems and Equipment**. None.

6. **Fielding Support**. MARCORSYSCOM will maintain life cycle management of the AMS-TAC MINI-DESK per MCO 4105.4 and TM 4420-15/1 as required. Each gaining command will notify MARCORSYSCOM TDIS Project Officer upon receipt of the AMS-TAC MINI-DESK.

7. **Maintenance Support**. The AMS-TAC MINI-DESK is being fielded with a maintenance concept that relies on two levels of maintenance and the Original Equipment Manufacturer's (OEM) warranty program. During the initial period of warranty performance additional data will be collected to support further analysis to determine the need for Contractor Logistics Support (CLS) or Performance Based Service Agreements (PBSA). In an effort to keep pace with technology growth, AMS-TAC MINI-DESK will receive a technology insertion or replacement approximately every three years.

a. **Operator/Crew**. Operator/Crew level consists of software and hardware setup and preventative maintenance before each mission and during the operation of the AMS-TAC MINI-DESK. Preventative maintenance procedures are described in commercial documentation accompanying the equipment. General Dynamics Information Technology (GDIT) help desk support is available to augment organizational maintenance:

In the event of a hardware malfunction, operator troubleshooting consists of ensuring that AMS-TAC MINI-DESK components are properly connected, power cables are plugged into the correct operable power source outlets and power switches on components are set to the “ON” position. Operator responsibilities include but not limited to the following:

- Inspect components prior to installation/connection
- Monitor results of equipment power-on self-tests
- Verify proper operation of the system
- Clean screen surface
- Clean exterior of peripherals, connectors and cables
- Replace defective components as authorized

b. Field Maintenance. Field Level Maintenance is limited to the removal of components of the laptop computer. Field maintenance relating to the other components of the MINI-DESK is not authorized. The maintenance concept in support of the laptop is consistent with Marine Corps Common Hardware Suite (MCHS) maintenance concept. MCHS items are procured with an OEM three year warranty. Warranty information and instructions can be found in paragraph 27 of this document. The overall maintenance concept for hardware support combines the use of organic maintenance support with the Panasonic complete care warranty support. All maintenance actions requiring Removal and/or Replacement (R&R) of components will be accomplished by Field Maintenance Activities (FMAs). The manufacturer and the following Military Occupational Specialty (MOS) are authorized to perform maintenance actions:

- 2847 - Telephone System Personal Computer Intermediate Repair
- 2862 - Electronic Maintenance Technician
- 2891 - Electronic Maintenance Chief
- 0651 - Data Network Specialist
- 0656 - Tactical Network Specialist
- 0658 - Tactical Data Network Gateway Systems Administrator
- 0699 - Communication Chief
- 6694 - Aviation Information System Specialist

c. Maintenance Contact. General Dynamics Information Technology (GDIT) contact information is provided in table 4 below.

Maintenance Contact Information	
Telephone Number:	(703) 813-8341
Hours of Operation:	0830-1700 Eastern Standard Time.
Voice messaging:	Provided after hours and calls answered the following business day.
E-mail Address:	amshelp@gdit.com
Web Site:	www.asset-trak.com

Table 4. Maintenance Contact

8. Designated Support. There is no Marine Corps depot level repair for the AMS-TAC MINI-DESK (components are supported by warranties and discussed in paragraph 20).

9. Calibration Requirements. There is no calibration requirements required to support the AMS-TAC MINI-DESK.

10. Contractor Support Requirement. The MINI-DESK system does not require contractor support; MINI-DESK components are covered under their warranties. On an as needed basis contractor support will be used. This requirement is only executed at the direction of the Project Officer at MARCORSYSCOM.

11. Manpower/Personnel. The AMS-TAC MINI-DESK is replacing AMS-TAC Rapid Deployable Unit (RDU) and does not impact Manpower/Personnel. The primary user community includes MOS 3102 Distribution Management Officer and 3112 Distribution Management Specialist. With the finalization of the MAGTF Distribution Center (MDC) incidental users will include:

- 3002 – Ground Supply Officer
- 3010 – Ground Supply Operation Officer
- 3043 – Supply Administration and Operations
- 3051 – Warehouse Clerk
- 3052 – Packaging Specialist

12. Training.

a. NETT. A NETT comprised of contractor's and Program Office personnel will provide operations and operator/crew level maintenance during initial fielding and training. NETT classes will be conducted at sites and locations agreed to by the Program Office and the Distribution Management Office (DMO). Gaining commands will coordinate NETT quotas through the respective DMO sponsor. Training will be conducted during the fielding and will consist of 5 to 14 days of block training to the operators/maintainers.

b. Sustainment. Sustainment training will be the responsibility of the using units. Additional NETT materials will be left with each unit to help facilitate future sustainment training. Requests for future instructional and resource materials can be made via the MARCORSYSCOM Project Officer, Product Group 10.

c. Formal School. Incorporation of the distribution training materials is being incorporated into the formal schools training curriculum. It is anticipated that formal training will be accomplished in Supply School, Camp Lejeune, North Carolina by FY 08/09.

13. Training Support Items. The training support items for the NETT include training with the actual AMS-TAC MINI-DESK. Each fielding location must provide the following items for training support:

- Suitable training area.
- Computer, projector screen or clean, flat white wall and dry erase board.

14. Supply Support. Each unit is responsible for maintaining accountability of all AMS-TAC MINI-DESK assets. In the event of lost or stolen equipment it is the unit's responsibility to replace the assets. Consumables to support the systems are the owning unit responsibility. For battery defects units will contact vender for replacements (see paragraph 24 for contact information). All venders will ship replacement batteries to the owning units at no cost. The characteristics of the equipment are contained within paragraph seven.

15. Support Equipment. No special purpose test equipment, application program sets or test program sets are required to support the AMS-TAC MINI-DESK.

16. Technical Publications (TP). AMS-TAC MINI-DESK will be delivered with a complete set of commercial documentation. These documents will not be cataloged into the publications control system. Spare publications will not be purchased for stocking purposes. Such publications are routinely available for downloading, including updates, from the vendor's web site. Military style technical manuals will not be produced.

17. Computer Resources Support. There is no specific computer resources support because the AMS-TAC MINI-DESK uses a laptop computer compatible with the current and updated versions of the MCHS. The Panasonic CF29 laptop comes with a 3 year Complete Care Warranty. Also each computer has a warranty label that provides the user with the information necessary to receive warranty assistance.

18. Facilities. There is no impact to facilities with the fielding of the AMS-TAC MINI-DESK because this is a technical refresh of the current systems.

19. Packaging, Handling, Storage, and Transportation (PHS&T).

a. Packaging. The AMS-TAC MINI-DESK is packaged in a single transit case. Additional packaging is not required. Preservation and packaging shall be in accordance with best commercial practice of ASTM D3951. Packaging for the return of failed part(s) will use the same packaging materials the replacement part(s) was shipped in.

b. Handling. Special procedures are not required. HAZMAT handling is not required.

c. Storage. No special or unique storage is required. The equipment should be provided the same security as any other electronic device.

d. Transportation. The AMS-TAC MINI-DESK can be transported via vehicle, rail, ship, or aircraft. No special handling is required.

20. Warranties. The AMS-TAC MINI-DESK has a one year manufacturer limited warranty for defects. All warranty issues will be coordinated with AMS-TAC MINI-DESK Project Officer and General Dynamics Information Technology (GDIT) help desk and/or website. Components warranty procedures are as follows: repair actions under warranty units must contact components manufacturer for assistance. See table 5 and 6 below for warranty items contact information.

Warranty Coordinators Information	
Company Name:	General Dynamics Information Technology
Helpdesk Telephone Number:	(703) 813-8341
Hours of Operation:	0830-1700 Eastern Standard Time.
Voice messaging:	Provided after hours and calls answered the following business day.
Mailing Address:	7611 Little River Turnpike, Suite 100E, Annandale, VA 22003
E-mail Address:	amshelp@gdit.com
Web Site:	www.asset-trak.com

Table 5. Warranty Coordinators Information

WARRANTY ITEM	MANUFACTURE	TELEPHONE #	WEB SITE
Panasonic Tough book	Panasonic	1-800-527-8675	www.panasonic.com
Symbol 8146 Barcode Reader	Symbol	1-800-722-6234	www.symbol.com
Symbol 8146 Cradle	Symbol	1-800-722-6234	www.symbol.com
Symbol Gang Charger	Symbol	1-800-722-6234	www.symbol.com
Symbol 8146 Battery Charger Insert	Symbol	1-800-722-6234	www.symbol.com
Symbol Li-ion 3.7V Battery	Symbol	1-800-722-6234	www.symbol.com
Belkin USB Hub (7 Port)	Belkin	1-800-2Belkin	www.belkin.com
OKI Laser Printer	Oki	1-800-654-3282	www.my.okidata.com
MINI-DESK Case	Wilson case	1-800-322-5493	www.wilsoncase.com

Table 6. Warranty Items

21. Material Defects Reporting. Item defects, warranty actions, and product quality deficiencies should be reported using PQDR (SF368). PQDRs can be electronically submitted at <http://www.marcorsyscom.usmc.mil/sites/tdis/> IAW TM 4700-15/1 and MCO 4855-10. Damage due to shipping discrepancies will be submitted using a Transportation Discrepancy Report (TDR), (SF361) in accordance with DLAR 4500.15/AR 55-38/NAVSUPINST 4610.33/AFR 75-18/MCO P4610.19.

22. Security Requirements/Controlled Item. The AMS-TAC MINI-DESK is sensitive but not classified as a control item.

23. Environmental, Safety, and Health (ESH). The AMS-TAC MINI-DESK is a commercial item which conforms to all federal environmental, safety, and National Fire Protection Agency (NFPA) standards. Lithium ion battery is to be disposed of in accordance with MCO 5100.8_ chapter 17.

24. Disposal (Replaced Weapon Systems/Equipment Phase-out) Information. At the time of AMS-TAC MINI-DESK disposal, a Phase-Out plan will be issued with instructions.

25. Fielding Responsibilities.

a. **NETT.** Representatives from MARCORSYSCOM PG-10/TDIS will support the fielding of the AMS-TAC MINI-DESK. The NETT will support initial setup, answer system questions, review theory of operation and equipment setup to include troubleshooting and correction.

b. Gaining Commands. A single point of contact (POC) from the Commander's Staff is authorized to act as a liaison and coordinator for the fielding effort. This representative is required to resolve any problems or issues with fielding equipment, as well as conflicts between in fielding plan.. This POC is also the command representative to the AMS-TAC MINI-DESK Project Officers responsible for resolution of problems associated with the fielding. The POC is responsible to:

(1) Notify CG, MARCORSYSCOM PG-10/TDIS Project Officer, when new equipment is received.

(2) Perform physical and visual inspection upon receipt of equipment. Report all defects to the NETT/PO.

(3) Account for the new assets per MCO P4400.150_ and MCO P4400.82_.

(4) Provide personnel, facilities and administrative support to assist the NETT during processing and Limited Technical Inspection (LTI).

(5) Provide an electrical source to power the AMS-TAC MINI-DESK during NETT.

(6) Ensure that Distribution Management Officer (DMO) MOS 3102 and Distribution Management Specialist (DMS) MOS 3112 are available to attend the NETT.

(7) Complete the Gaining Unit Fielding Evaluation Report within 30 days of fielding equipment per MCO 4105.4_ and submit to the AMS-TAC MINI-DESK Project Officer.

c. MARCORSYSCOM. The AMS-TAC MINI-DESK Project Officer (PO) is responsible for the execution, direction and funding of their respective systems fielding efforts, (i.e. employing a contracted NETT to install the systems). The PO will:

(1) Create and maintain the equipment master file information for the Table of Authorized Material and Control Number (TAMC) of each configuration.

(2) Life cycle management of the AMS-TAC MINI-DESK hardware.

(3) Advise and provide continued communication to the major Commands regarding the status of equipment shipment.

(4) Provide timely and effective resolution fielding issues.

(5) Maintain current centralized repository for current information relating to the MINI-DESK efforts.

(6) Adjudicate any issues that may arise regarding warranty claims.

d. Software Support Activity. The AMS-TAC MINI-DESK is a technical refresh of existing equipment and software therefore no requirement for software support activity is needed.

25. Actions required to Place Equipment in Service.

a. Gaining Commands.

(1) Notify MARCORSYSCOM TDIS Project Officer via Naval message when new equipment is received.

(2) Perform Limited Technical Inspection (LTI) of equipment upon receipt. Report all defects to the MARCORSYSCOM TDIS office, (703) 432-5121 or DSN 378-5121.

(3) Maintain accountability of all hardware assets. In the event of lost or stolen equipment it is the unit's responsibility to replace the computer.

(4) Account for the new assets per MCO P4400.150_ and MCO P4400.82_.

b. LOGCOM, Albany GA.

(1) Administer commercial maintenance support, collect data on issues and repair disagreements forwarded by field units.

(2) Support MARCORSYSCOM in monitoring and attainment of national stock numbers (NSN) as required.

APPENDIX A

DISTRIBUTION LIST / APPROVED ACQUISITION OBJECTIVE

<u>UIC</u>	<u>UNIT NAME</u>	<u>QUANTITY</u>	<u>AAO</u>
M31000	MCB Camp Lejeune, N.C Bldg 1011 Traffic Management Office Marine Corps Base Camp Lejeune, N.C 28542-2006	3	3
M28310	Traffic Management Office Bldg 2262 Box 555-004 Marine Corps Base Camp Pendleton, CA 92055-5004	3	3
M20220	Camp Butler Okinawa Japan Traffic Management Office Marine Corps Base Bldg 401, Camp Kinser FPO AP 96373-5006	3	3
M20129	Commanding Officer H&S BN III MEF UNIT 35607 FPO AP 96606-5607	4	4
M67861	MARFORRES Marine Forces Reserve FMF, USMC (G-4) 4400 Dauphine Street Bldg 601/6 th Deck New Orleans, LA 70146-5400	3	3
M67854	USMC MDC East OIF MF MMX200 Al Taqaddun AB Habbaniyah, IQ	9	9
M00318	MCBH Kaneohe Bay Traffic Management Office Supply Dept., Box 63063, Bldg 209 Marine Corps Base Kaneohe Bay, HI 96863-3063	1	1
M29057	Marine Corps Reserve Center 4 th LSB, 4 th FSSG, 2 nd BTO 246 Blanton Rd. Hunter AAF, Savannah, GA 31402	1	1
M29054	1 st Beach & Port Ops Co. 4 th Landing Support Bn, 4 th MLG MARFORRES, 901 E Mission Street San Jose, CA 95112-1697	1	1
M31301	Combat Service Support Inst Comp Logistics Operations School MCSSS PSC BOX 20041 Camp Lejeune, NC 28542-0041	1	1