



DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, DC 20380-0001

MCO 8000.6
CBA-dt
9 Aug 89

MARINE CORPS ORDER 8000.6

From: Commandant of the Marine Corps
To: Distribution List

Subj: ADVANCE LOGISTICS ORDER ON THE SHOP SET, MAINTENANCE,
ELECTRO-OPTICS

Ref: (a) MCO 4400.32E
(b) SL-3-09129A
(c) MIL-STD-1367 (NOTAL)
(d) MIL-STD-2073 (NOTAL)
(e) MIL-STD-129 (NOTAL)
(f) DoD 4145.19-R-1 (NOTAL)
(g) CFR Title 49, Parts 100-199
(h) UM-4400.124

Encl: (1) Logistics Planning Data for the Shop Set, Maintenance,
Electro-Optics

1. Purpose. To provide information to field commanders per the policy established by reference (a), relative to the introduction of the Shop Set, Maintenance, Electro-Optics, National Stock Number (NSN) 4931-01-273-2389, Table of Authorized Material Control Number (TAMCN) E1713, Identification Number (ID No.) 09129A into the Marine Corps inventory.

2. Background. The Shop Set, Instrument and Fire Control, TAMCN E1660 VIIB, is lacking in working space needed to provide the facility required for the maintenance/repair of optic, electro-optic, fire control, and laser range finder equipment. The shelter in which it is housed is limited in the amount of working, storage space, and has a narrow aisle making it difficult for personnel to move about. The Shelter, Maintenance EMI, 8 by 8 by 20 feet is wider, longer, and provides adequate space for storage of tools, test equipment, small spare/repair parts, and small components for items awaiting or undergoing maintenance/repair. The use of interchangeable internal appointment modules provides the capability for mission-oriented arrangement of the shelter.

3. Information

a. New Item. The Shop Set, Maintenance, Electro-Optics, is a transportable facility designed to provide third and fourth echelon maintenance capability for the maintenance/repair of optic, electro-optic, fire control, and laser range finder equipment. It is comprised of: Shelter, Maintenance EMI, 8 by

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8 by 20 feet; internal appointment modules to provide working and storage space; and the basic tools and equipment used in the maintenance/repair of optic, electro-optic, fire control, and laser range finder equipment as listed in reference (b). The shelter can accommodate four repair personnel and has space for storage of tools, test equipment, small spare/repair parts, and small components for items awaiting or undergoing maintenance/repair.

b. Replaced Item. Shop Set, Instrument and Fire Control, TAMCN E1660 VIIB, ID No. 00564A, NSN 4931-00-653-3801.

c. Personnel. The Shop Set, Maintenance, Electro-Optics, will be used and maintained by Ordnance Maintenance Company, Maintenance Battalion, Force Service Support Group (FSSG) personnel. There will be no table of organization of military occupational specialty changes or additions as a result of the introduction of this item.

d. Training. The Shop Set, Maintenance, Electro-Optics, provides essentially the same capabilities as the replaced item, Shop Set, Instrument and Fire Control. Its introduction will have no impact on training.

e. Support/Test Equipment

(1) Support Equipment. No new support equipment is required for use with Shop Set, Maintenance, Electro-Optics. The support equipment presently in the inventory and the field logistics system equipment will be used to provide electrical power, electrical power distribution, environmental control, material handling, transportation, and site preparation. Logistic support requirements for the basic shelter will be published by appropriate directives.

(a) Electrical power requirements: 110/208 Vac, 60 Hz, 4 wire, 3 phase, wye, 100 amp.

(b) Environmental control requirements: Air-conditioner, MCS vertical, 60 hz, 18,000 Btu.

(2) Test Equipment. No new test equipment is required for the repair and maintenance of Shop Set, Maintenance, Electro-Optics. The test equipment to be used for the maintenance and repair of the optic, electro-optics, fire control, and laser range finder equipment is that authorized by the using units' table of equipment (T/E).

f. Supply Support. The Shop Set, Maintenance, Electro-Optics, consists of tools and equipment from the Shop Set, Mobile, Instrument and Fire Control, TAMCN E1660 VIIB.

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g. Technical Data. The drawings and other technical data on the Shop Set, Maintenance, Electro-Optics, is maintained by the Marine Corps Logistics Base (MCLB), Albany.

h. Technical Services. Contractor or government technical services are not required for the operation and maintenance of Shop Set, Maintenance, Electro-Optics.

i. Facilities. No new facilities are required to support Shop Set, Maintenance, Electro-Optics. Site preparation for provided by the field logistics support system.

j. Maintenance Support. Maintenance will be performed by the using unit and intermediate maintenance activities (IMA's) as required. Maintenance will mainly consist of preventative maintenance, shelter patching and painting, and parts replacement. Fifth echelon maintenance will not be required.

k. Packaging, Handling, Storage, and Transportability

(1) Processing. The maintenance shop sets and special tools shall be processed per references (c) through (e).

(a) General purpose warehouse storage is required for the maintenance shop sets and storage shall be accomplished per reference (f).

(b) Packaging, handling, storage, and transportability requirements for hazardous materials will be according to reference (g).

(2) Handling. The following equipment is capable of handling the Shop Set, Maintenance, Electro-Optics:

(a) 10,000-pound forklift.

(b) Lightweight amphibious container handler.

(c) 50,000-pound rough terrain container handler.

(3) Transportability. The following equipment is capable of transporting the Shop Set, Maintenance, Electro-Optics:

(a) Logistic vehicle system (MK 48/14).

(b) Container or bulk shipping.

(c) C-130 or larger fixed wing aircraft.

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(d) CH-53 or helicopter capable of lifting sling loads.

l. Publications. Technical manuals to be used with the Shop Set, Maintenance, Electro-Optics, are referred to in the enclosure.

m. Special Instructions. None.

4. Initiating Service

a. Shop Set, Maintenance, Electro-Optics, assets are planned to be available for shipment to the Fleet Marine Force (FMF) during the 2nd quarter of fiscal year 1990.

b. Shop Set, Maintenance, Electro-Optics, assets shall be force-fed to the using units based upon the quantity shown in its T/E.

c. Upon receipt of the Shop Set, Maintenance, Electro-Optics, assets and approval by the appropriate force commander, using units will place the Shop Set, Maintenance, Electro-Optics, into service per reference (a).

d. The Shop Set, Maintenance, Electro-Optics will not be subjected to MARES readiness reporting.

5. Action Required From the Field

a. Using Unit

(1) The tools and equipment that are components of Shop Set, Instrument and Fire Control will be used as a source of the tools and equipment for Shop Set, Maintenance, Electro-Optics, using reference (b) as the inventory list. The tools and equipment required by reference (b) that are not available in Shop Set, Instrument and Fire Control are to be ordered by the using unit. The transfer of assets from Shop Set, Instrument and Fire Control to Shop Set, Maintenance, Electro-Optics, will be accomplished per the provisions of reference (h). Tools and equipment of Shop Set, Instrument and Fire Control that are not required in Shop Set, Maintenance, Electro-Optics, will be disposed of per the provisions of reference (h).

(2) Submit controlled item report for Shop Set, Maintenance, Electro-Optics, per the provisions of reference (h).

b. Commanding Generals (CG's), FMF's Atlantic and Pacific. Authorize in-service use of this item per the provisions of reference (a) and this Order. Report to the CG MCLB Albany the date the item is initially placed into service.

c. CG MCLB Albany

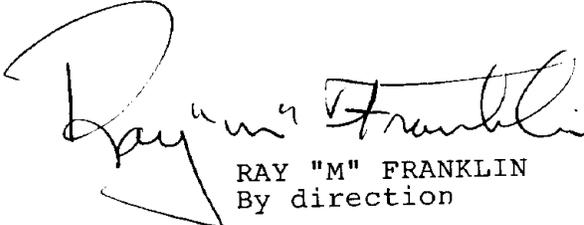
(1) Provide storage for the shop set assets to be assigned to the Maritime Prepositioned Ship and Preposition Norway (PREPONOR).

(2) Notify the Commandant of the Marine Corps (LP) of the remote storage activity and quantity of shelters to be held in the stores system per the allowances identified in the enclosure.

(3) Assume logistics responsibility for this item as of the initial in-service date.

d. CG's 4th MarDiv/4th MAW. The CG's 4th MarDiv/4th MAW established allowances for units.

6. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.



RAY "M" FRANKLIN
By direction

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LOGISTICS PLANNING DATA FOR THE SHOP SET, MAINTENANCE,
ELECTRO-OPTICS

1. Logistics Data

Item name: Shop Set, Maintenance/Equipment, Electro-Optics

TAMCN: E1713 VII BP

ID No.: 09129A

NSN: 4931-01-273-2389

Unit of issue: ea

Unit standard package: 1

Unit cost: \$42,966

Dimensions

Length: 240 in

Width: 96 in

Height: 96 in

Square: 160 ft²Cube: 1,280 ft³

Weight: 10,000 lb

Standardization: standard

Stores account code: SAC 3

2. Publications

<u>Publication No.</u>	<u>Title</u>	<u>PCN</u>
SL-3-09129A	Shop Set, Maintenance, Electro-Optics	TBD 1/
TM 5410-14/1	Intermediate Maintenance Instructions, Electronic Maintenance Complex	TBD 1/

ENCLOSURE (1)

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<u>Publication No.</u>	<u>Title</u>	<u>PCN</u>
TM 5411-14/1	Installation Operation and Maintenance Instructions: 20-Foot Rigid Shelter, NSN 5411-01-209-3451, 20-Foot Knkdn Shelter, NSN 5411-01-206-6077, 10/20-Foot EMI Shelter, NSN 5411-01-206-6078/9 Joining Corridor Assy, NSN 5411-01-206-6037, Complexing Kit, NSN 5411-01-206-6036	TBD 1/

1/ To be determined.

3. Allowances

<u>T/E No.</u>	<u>Unit</u>	<u>Qty.</u>
7011 M/F	MCLB Barstow	3
7014 M/F	MCLB Albany	3
B-3331	MaintCo, BrigServSuptGroup-1	1
H-3234	Det, OrdMaintCo, MaintBn/MPS 1	1
I-3234	Det, OrdMaintCo, MaintBn/MPS 2	1
J-3234	Det, OrdMaintCo, MaintBn/MPS 3	1
N-3134	OrdMaintCo, MaintBn, 1stFSSG	4 1/
N-3234	OrdMaintCo, MaintBn, 2dFSSG	4
N-3334	OrdMaintCo, MaintBn, 3dFSSG	3
N-3434	OrdMaintCo, MaintBn, 4thFSSG	3
w-3234	Det, OrdMaintCo, MaintBn, FSSG/ PREPONOR	1
Total		25

1/ One for Det A 1st FSSG.

ENCLOSURE (1)