



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

MCO 1543.4
C2I
30 Sep 91

MARINE CORPS ORDER 1543.4

From: Commandant of the Marine Corps
To: Distribution List

Subj: MATERIEL FIELDING PLAN (MFP) FOR THE SWIMMER SET,
SURFACE (SMALL, MEDIUM, LARGE, AND EXTRA LARGE)

Encl: (1) Materiel Fielding Plan (MFP) for the Surface
Swimmer Set

1. Purpose. To provide information and instructions concerning the fielding of the Surface Swimmer Set.

2. Information. The Surface Swimmer Set will enhance the reconnaissance scout swimmer's ability to operate in temperate waters. The set consists of a wet suit, gloves, booties, hood, mask, snorkel, swim fins, UDT vest, wrist compass, knife and dive belt.

3. Action. The commanders of each organizational element concerned shall ensure implementation of the provisions of this Order.

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

R.A.TJ

R. A. TIEBOUT
By direction

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MATERIEL FIELDING PLAN

FOR THE SURFACE SWIMMER SET

1. Introduction

a. Source of Requirement. Commanding General, Marine Corps Combat Development Command (CG, MCCDC) message 252000Z Jul 90 identified a "Scout Swimmer Set" as a equipment requirement for the Special Operational Capable (SOC) units. In addition to satisfying that requirement, the Surface Swimmer Set will replace the following obsolete items of equipment:

<u>TAMCN</u>	<u>NOMENCLATURE</u>
C4570	Divers, Dress
K4838	Snorkel, Swimmer
K4954	Swim Fins, Rubber
K4503	Knife, Divers
K4816	Shoe, Swim, Medium
K4526	Divers Mask

b. Points of Contact

<u>Name</u>	<u>Command/Telephone</u>
Maj. O'Hara	Project Officer Surface Swimmer Set MCRDAC C2IA Quantico, VA 22134-5001 AV/DSN 278-2914 COMM: (703) 640-2914
GySgt Scriven	Assistant Project Officer Surface Swimmer Set MCRDAC C2IA Quantico, VA 22134-5001 AV/DSN 278-2914 COMM: (703) 640-2914
Capt Thompson	ILS Officer Surface Swimmer Set MCRDAC C2IL Quantico, VA 22134-5001 AV/DSN 278-2234 COMM: (703) 640-2234

ENCLOSURE (1)

Judy Mathis

Inventory Manager
Surface Swimmer Set
MCLBA 835-4
Albany, GA 31704-5000
AV/DSN 567-6531
COMM: (912) 439-6531

c. Fielding Methodology

(1) General Fielding Plan. The items in the Surface Swimmer Set currently exist in the supply system, therefore, no initial issue will be conducted, except for new, approved T/E allowances. Appendix A provides the List of Allowances and Delivery Schedules. Appendix B provides the Schedule of Events.

(2) Method of Fielding. Using units have acquired the Surface Swimmers Set by procurement of the individual components including items listed in paragraph 2c.

d. Replaced Systems/Equipment. None.

2. System Description

a. Administrative Information

(1) Nomenclature. Swimmers Set, Surface (Small, Medium, Large, and Extra Large)

(2) TAMCN. K4953IIE

(3) Stores Account Code (SAC). 1

(4) NSN's. 4220-01-335-4555 (small)
4220-01-335-4554 (medium)
4220-01-335-4553 (large)
4220-01-335-4552 (extra large)

(5) Unit of Issue (UI). Set

(6) Unit Cost (UC). \$450.00

(7) Support Cost. None.

(8) Equipment Density. Normal.

(9) Readiness Reporting. None.

b. Physical Characteristics

	<u>Operational Configuration</u>	<u>Storage/Shipping Configuration</u>
(1) <u>Length</u> .	36 in	36 in

- (2) Width. 24 in 24 in
- (3) Height. 24 in 24 in
- (4) Square. 6 ft(2) 6 ft(2)
- (5) Cube. 12 ft(3) 12 ft(3)
- (6) Weight. 25 lbs 25 lbs
- (7) Stowage. 12 ft(3) 12 ft(3)
- (8) Power Requirements. None.

c. Operational Characteristics. The Surface Swimmer Set is used to equip an individual scout swimmer in temperate waters. The set includes a wet suit with gloves and a hood, mask, booties, snorkel, swim fins, UDT life vest, wrist compass, knife and belt. The set combines these items into a single issue that were previously requisitioned and held separately. See figure 1-1 for a display of the items in the Surface Swimmer Set. The following key identifies the components:

<u>Item Number</u>	<u>Item Name</u>
1	Belt, Divers
2	Boots, Divers
3	Compass, Magnetic, unmounted
4	Divers Dress
5	Gloves, Divers
6	Hood, Divers
7	Knife, Combat
8	Life Jacket
9	Mask, Divers
10	Snorkel, Divers
11	Swim Fins

d. Associated/Related Systems/Equipment. TAMCN C4550IIE Diving Equipment Set, can be added to the Surface Swimmers Set to provide a combat diving capability.

3. Logistics Support

a. Maintenance Support. The Surface Swimmer Set does not require any additional military occupational specialties (MOS's) for maintenance. A majority of all maintenance tasks shall be within the scope of routine care, cleaning, inventory and replacement procedures. Second echelon maintenance will consist of preventive maintenance and patching of the UDT Life Vest actuator.

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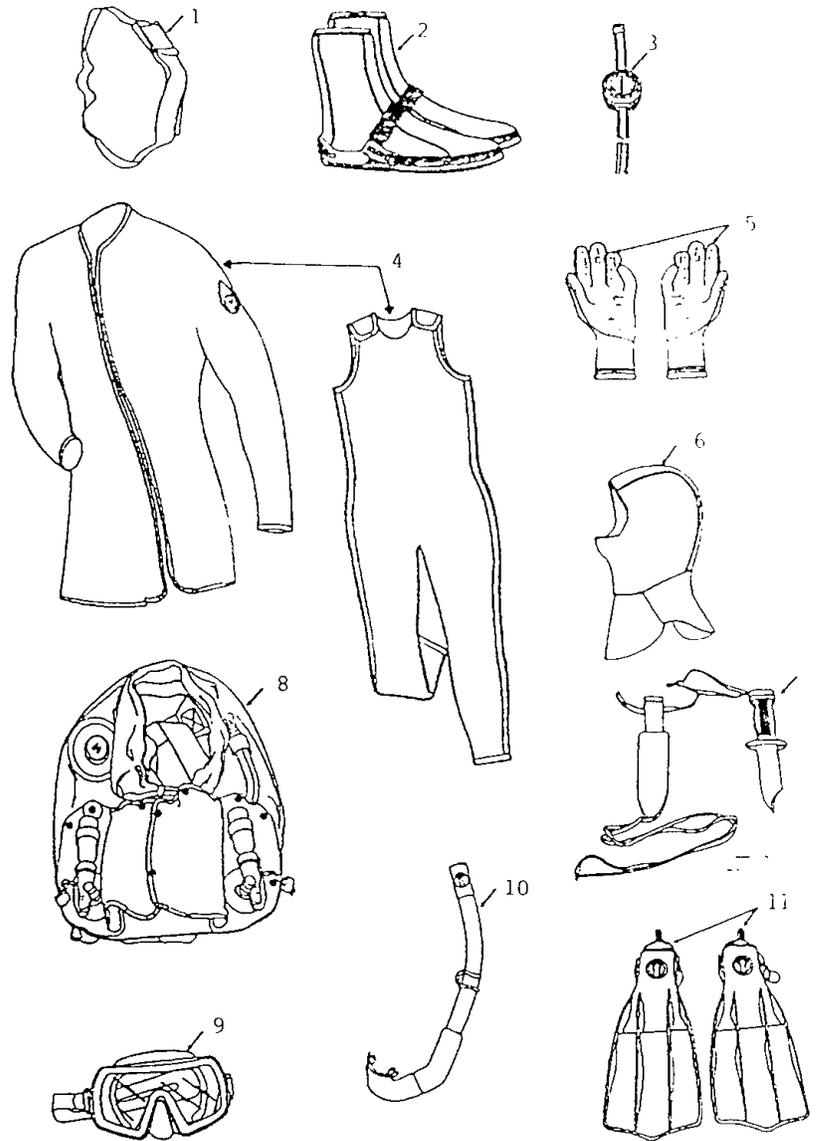


Figure 1-1. Surface Swimmer Set

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b. Contractor Support Requirements

(1) Depot Support. None.

(2) Interim Contractor Support (ICS). None.

c. Manpower, Personnel, and Training

(1) Personnel Requirements. No impact on current authorizations is required. The current T/O strength will be used.

(2) Training Requirements. It is appropriate that familiarization be provided by the using units, and the Amphibious Reconnaissance School/Course and other service diving schools on the proper use of the items in the Surface Swimmers Set.

(3) Training Support Items. None.

d. Supply Support

(1) Provisioning. No provisioning will be done on the Surface Swimmers Set.

(2) Replenishment. The set will be issued by Commander, Marine Corps Logistics Bases, Albany, Georgia, only for new T/E allowances. The set is a SAC 1 item, therefore units will have to use their own Operations and Maintenance (O&M) funds for replenishment. Each of the items in the set have an NSN which allows replacement of the individual items to occur without having to requisition an entire Surface Swimmer Set.

e. Support Equipment. None.

(1) Special Tools. None.

(2) Common Tools. None.

(3) Special Purpose Test Equipment (SPTE). None.

(4) General Purpose Test Equipment (GPTE). None.

(5) Test Program Sets (TPS). None.

(6) Other Support Equipment. None.

f. Technical Publications (TP). The Surface Swimmer Set has four SL-3's available, depending on the size of the swimmer. Refer to SL-3-09535A; small, SL-3-09534A; medium, SL-3-09533A; large, SL-3-09532A; extra-large. The contents of the SL-3's are identical with the exception of the sizes of the wet suits, swim fins, hoods, gloves and booties.

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g. Computer Resources Support. None.

h. Facilities. None.

(1) Existing Facilities. None.

(2) New Facilities. None.

(3) Interim Facilities. None.

i. Packaging, Handling, Storage, and Transportation

(1) Packaging. There are no special packaging requirements for the Surface Swimmer Set.

(2) Handling. There are no special handling requirements for the Surface Swimmer Set.

(3) Storage. The Surface Swimmer Set should be stored in a covered facility or container which provides protection from mold, mildew, or dry rot when not in use.

(4) Transportability. No special transportability requirements are needed or required.

j. Warranties. There is no warranty for items in the Surface Swimmers Set that are marked with a Military Specification (MILSPEC) number. Non MILSPEC items in the set that have commercial warranties will come with warranty information provided.

4. Actions Required To Place Equipment In Service

a. Gaining Commands

(1) Materiel Defects Reporting. If any of the contents of the Surface Swimmer Set arrived damaged or missing, a SF 368 Quality Deficiency Report (QDR) should be submitted to commander, Marine Corps Logistics Bases, (Code 808-2), Albany GA. Additionally, if any of the items break or tear other than from normal use, a QDR should also be submitted.

(2) Retrograde of existing equipment. All equipment which is currently being used in lieu of the items listed in the surface swimmer set SL-3's, will be returned to the unit supply officer for disposition by 1st quarter, FY 93 and replaced by the Surface Swimmer Set.

(3) Obtaining Supporting Consumable. Through normal supply procedures a Cartridge, Carbon Dioxide NSN 4220-00372-0585 can be obtained.

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b. Amphibious Reconnaissance School/Course (ARS/C).

Incorporate the use of the Surface Swimmer Set in lesson plans and instruction as appropriate.

c. MCLB, Albany, GA. Assist in the secondary end item transfer of the Surface Swimmer Set.

ENCLOSURE (1)

LIST OF ALLOWANCES AND DELIVERY SCHEDULES

ACTIVE FORCES

T/E NO.	UNIT TITLE	NO. UNITS	UNIT ALLOW	PLANNED		
				FY 92	QTR 1	QTR 2
5980	Amphibious, Recon School, LFTCLANT	1	15	15		
5981	Amphibious, Recon Course, LFTCPAC	1	15	15		
N1411	H&S Co, Recon Bn, 1st MarDiv	1	1	1		
N1412	Recon Co, Recon Bn, 1st MarDiv	4	81	324		
N1421	H&S Co, Recon Bn, 2d MarDiv	1	1	1		
N1422	Recon Co, Recon Bn, 2d MarDiv	4	81	324		
N1431	H&S Co, Recon Bn, 3d MarDiv	1	1	1		
N1432	Recon Co, Recon Bn, 3d MarDiv	2	81	162		
N1433	Recon Co w/Deep Recon Cap. Recon Bn, 3d MarDiv	1	112	112		
N4618	Force Recon Co, 1st SRI Group	1	196	196		
N4718	Force Recon Co, 2d SRI Group	1	110	110		
B1432	A Co (REIN), Recon Bn, 1st MEB	1	162	162		

RESERVE FORCES

T/E No	UNIT TITLE	NO. Units	UNIT ALLOW	PLANNED		
				FY 92	QTR 2	QTR 3
N1441	H&S Co, Recon Bn, 4th MarDiv	1	81	81		
N1442	Recon Co, Bn, 4th MarDiv	5	81	405		
M4623	3d Force Recon Co, 4th MarDiv (Mobile, AL)	1	110	110		
M4623	4th Force Recon Co, 4th MarDiv (Hawaii)	1	110	110		
M4623	DET 4th Force Recon Co, 4th MarDiv (Reno, NV)	1	110	110		

Total 2239

Appendix A to
ENCLOSURE (1)

SCHEDULE OF EVENTS

Begin Fielding	3d QTR FY 91
Initiating Service Date	3d QTR FY 91
Initial Operational Capability	3d QTR FY 91
FOC	1st QTR FY 93

Appendix B to
ENCLOSURE (1)

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