



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, DC 20350-2000

OPNAVINST 3501.198C
N422
15 AUG 2011

OPNAV INSTRUCTION 3501.198C

From: Chief of Naval Operations

Subj: REQUIRED OPERATIONAL CAPABILITIES AND PROJECTED
OPERATIONAL ENVIRONMENT FOR THE T-AK, T-AKR, T-AKE, T-AOT
AND MOBILE LANDING PLATFORM ASSIGNED TO THE MARITIME
PREPOSITIONING FORCE

Ref: (a) OPNAVINST C3501.2K (NOTAL)

Encl: (1) Projected Operational Environment (POE) for the Ships
in the Maritime Prepositioning Force (MPF)
(2) Required Operational Capabilities (ROC) for the Ships
in the Maritime Prepositioning Force (MPF)

1. Purpose. To issue the required operational capabilities (ROC) and projected operational environment (POE) for the ships assigned to the Maritime Prepositioning Force (MPF) program. This instruction is a substantial revision and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 3501.198B.

3. Discussion. Enclosures (1) and (2) define the ROC and POE for the ships assigned to the MPF per reference (a). The previous instruction was focused on the T-AK maritime prepositioning ships (MPS). This instruction has been expanded to reflect recent Office of the Secretary of Defense approved changes to the size and composition of the MPF and includes new platforms introduced under the MPF restructuring that occurred during 2007 to 2011. After 2011, the ships of the MPF will be all government owned ships. Administrative control and life cycle management of all ships in the MPF are provided by the Military Sealift Command under the prepositioning program. The following guidelines apply to the format and interpretation of the ROC and POE:

a. Each squadron, when augmented by a T-AKE, mobile landing platform (MLP), and T-AOT tanker (one squadron only), carries the designated preposition equipment and supplies for a Marine expeditionary brigade (MEB). This is accomplished using the following platforms:

(1) T-AK: Legacy MPS that have been typically referred to by the name of the operating company. Except as otherwise indicated, the T-AKs include MPF enhanced (MPF(E)) ships. United States Navy Ship (USNS) Stockham is a converted large medium speed roll-on roll-off ship (LMSR) that is also an MPF(E).

(2) T-AKR: LMSRs. The LMSRs are either Watson class or Bob Hope class.

(3) T-AKE: An auxiliary support ship capable of prepositioning supplies and enabling selective offload delivering supplies to Marine forces ashore. The T-AKE replaces the previously time-chartered containership in 2012.

(4) T-AOT: Tanker. There is only one tanker currently assigned to the MPF in Maritime Prepositioning Squadron (MPSRON) 2. MPSRONs 1 and 3 do not have dedicated tankers.

(5) MLP: Mobile Landing Platform (first delivery fiscal year (FY) 2013).

b. The force structure of the MPF has changed from three squadrons in a full operating status (FOS) to two squadrons in FOS and one squadron in a reduced operating status (ROS). Each FOS squadron includes two T-AKR LMSRs, two T-AKs (legacy MPS ships), one T-AKE and one MLP. One T-AOT will be designated as a swing ship capable of supporting any squadron. The ROS squadron consists of five T-AKs (legacy MPS ships and MPF(E) ships), one T-AKE, and one MLP.

c. This instruction applies generically to all MPF configurations. There is no requirement for specific ROCs and POEs tailored to each configuration. Where significant capabilities exist in a class of ships, specific ROCs will be annotated as applying to that class.

d. Like commercial ships, MPF ships are civilian manned and operated following requirements imposed by regulatory bodies, port states, and applicable time charters or operating contracts. The conditions and reporting symbols in this instruction are to be interpreted as defining the level of functional capability to be achieved, but will not determine the manning levels for these vessels as the manning of these ships may increase during certain cargo operations or upon the arrival of the offload preparation party (OPP) or employment preparation party.

4. Action. Fleet commanders and Commander, Military Sealift Command are requested to annually review enclosures (1) and (2) and recommend changes to the Chief of Naval Operations (Attention: Strategic Mobility/Combat Logistics Division (N42)).

5. Records Management. Records created as a result of this instruction, regardless of media and format, shall be managed per Secretary of the Navy Manual 5210.1 of November 2007.



W. R. BURKE
Vice Admiral, U.S. Navy
Deputy Chief of Naval Operations
(Fleet Readiness and Logistics)

Distribution:

Electronic only, via Department of the Navy Issuances Web site
<http://doni.daps.dla.mil>

PROJECTED OPERATIONAL ENVIRONMENT (POE) FOR
THE SHIPS IN THE MARITIME POSITIONING FORCE (MPF)

1. Each squadron (FOS and ROS) will be capable of loading, transporting, preserving, and storing on station a portion (dependent on the load out of the vessel) of the equipment and supplies to sustain an MEB, a Navy mobile construction battalion (NMCB), the Navy support element (NSE), an expeditionary air field (EAF), and an expeditionary medical facility (EMF). Each squadron will be capable of providing temperature and humidity control in designated compartments and cargo storage spaces. The FOS squadron will be fully crewed and capable of getting underway on 24 hours notice after normal protracted periods on station at anchor or alongside a pier. The ROS squadron will be in a readiness condition of ROS-5; meaning that the vessels will be fully crewed and capable of getting underway within 5 days.
2. Each ship will be capable of operating independently from associated MPSRON staff or in conjunction with an amphibious ready group to support an MEB sized Marine air-ground task force.
3. Each ship will be capable of conducting MPF cargo operations when supported by an NSE, including:
 - a. Cargo loading and discharge, including bulk petroleum and potable water, either at a pier or in the stream.
 - b. Offload of all vehicular cargo plus one-sixth of a balanced composition of other cargo within 12 hours after commencing offload operations at a pier, and as soon as possible off shore in the stream.
 - c. Offload of all cargo over a pier within 3 days, and in the stream within 5 days, in conditions up to sea state three.
 - d. Offload of all vehicular cargo in stream using roll-on/roll-off (RO/RO) discharge facility, improved Navy lighterage and or lift-on/lift-off (LO/LO).
4. Each squadron will provide facilities for minimum levels of onboard maintenance of embarked equipment.

5. When offloaded and released by the geographic combatant commander, each squadron will be capable of providing lift capacity to U.S. Transportation Command's common user sealift pool.
6. Each squadron will be assigned to support the MPSRON commander and staff. (Only ships designated as squadron flagships or alternate flagships.)
7. Each squadron will be capable of providing a sea-based mobile logistic platform in support of Marine Corps forces operating afloat and or ashore following completion of offload.
8. Each squadron will be capable of providing shipboard aviation facilities for level II (day and night, visual meteorological conditions), class III (landing area without support facilities), in support of limited cargo and personnel transport operations. The arrangement of T-AK and T-AKR flight decks do not support landing or movement of other than personnel and small parcels. MPF ships will be able to receive and launch the CH-53E. With the addition of T-AKEs to the MPF in FY2012 and FY2013, each squadron will be capable of providing shipboard aviation facilities for up to level II, class 1 (MH60) (service and organizational level maintenance facilities) supporting the movement of forces and cargo. The MLP will be limited to a United States Coast Guard certified operating spot. (Note: This does not apply to the T-AOT.)
9. The T-AOT assigned to the MPF program will be capable of interfacing with the Offshore Petroleum Discharge System (OPDS) and Amphibious Bulk Liquid Transfer System (ABLTS).
10. The T-AK (legacy MPS) can discharge bulk liquids (petroleum and water) via the ABLTS. The T-AKRs do not have this capability. The MPF(E) ships have no installed cargo water or cargo petroleum, oil, and lubricants (POL) tankage.

REQUIRED OPERATIONAL CAPABILITIES (ROC) FOR
THE SHIPS IN THE MARITIME PREPOSITIONING FORCE (MPF)

1. The MPF mission is to provide mobile, long-term prepositioning of Navy and Marine Corps unit equipment and supplies in support of an MEB, a Navy NMCB, the NSE, and an EMF.
2. Each squadron will include lift, area, and volume capacity; maintenance facilities; and environmental preservation for a portion of the ammunition, equipment, vehicles, supplies, cargo POL, and potable water. When joined with the fly in echelon and flight ferry of fixed wing aircraft, each squadron supports an MEB of approximately 16,000 personnel, including the NMCB, NSE, EAF, and EMF for 30 days. If combined, the three squadrons (augmented by a T-AOT) create a force equivalent to approximately three MEBs' table of equipment.
3. The T-AK, T-AKR and MLP will be capable of conducting RO/RO and or LO/LO operations pier side and in stream. MPF ships are capable of carrying tanks, helicopters (helos), military vehicles, aviation support equipment, ordnance, and containerized cargo.
4. The MPF mission can be executed using task organized forces which provide the combatant commanders with deployment flexibility ranging from disaster relief to special operations to a major contingency.
5. Ships designated as squadron flagships or alternate flagships have the additional mission of supporting the embarked MPSRON commander and staff, as well as the NSE.
6. Accordingly, the following primary and secondary mission areas are assigned:

T-AK, T-AKR and LMSR in MPF									
AMW	CCC	FHP	FSO	LOG	MOB	MOS	NCO	STS	SUW
S	P/S*	S	S	S	P	S	S	P	S

T-AOT in MPF									
AMW	CCC	FHP	FSO	LOG	MOB	MOS	NCO	STS	SUW
S	N/A	S	S	P	P	S	S	P	S

T-AKE in MPF									
AMW	CCC	FHP	FSO	LOG	MOB	MOS	NCO	STS	SUW
S	S	S	S	P	P	S	S	S	S

MLP in MPF									
AMW	CCC	FHP	FSO	LOG	MOB	MOS	NCO	STS	SUW
S	N/A	S	S	S	P	S	S	P	S

AMW = amphibious warfare; CCC = command, control, and communications; FHP = force health protection; FSO = fleet support operations; LOG = logistics; MOB = mobility; MOS = missions of state; NCO = non-combat operations; STS = strategic sealift; SUW = surface warfare

Note: CCC is a primary mission area for the designated squadron flagships or alternate flagships. CCC can only be accomplished on these ships with the Navy commodore, maritime prepositioning ships squadron staff and NSE and OPPs embarked.

MPSRON ONE (ROS): Located on East Coast United States
 USNS 2NDLT John P. Bobo (Primary Flagship)
 USNS SGT Matej Kocak (Alternate Flagship)
 USNS GYSGT Fred W. Stockham
 USNS LCPL Roy M. Wheat
 USNS 1STLT LT Harry L. Martin
 USNS Alan Shepard (T-AKE-3)
 MLP (Name to be determined (TBD))

MPSRON TWO (FOS): Located in Diego Garcia
 USNS Sisler
 USNS Seay
 USNS William R. Button (Primary Flagship)
 USNS 1STLT LT Baldermo Lopez (Alternate Flagship)
 USNS Lawrence Gianella
 USNS Lewis and Clark (T-AKE-1)
 MLP (Name TBD)

MPSRON THREE (FOS): Located in the Western Pacific
 USNS Dahl
 USNS Pililaau

USNS 1STLT Jack Lummus (Primary Flagship)
USNS Dewayne T. Williams (Alternate
Flagship)
USNS Sacagawea (T-AKE-2)
MLP (Name TBD)

7. ROCs are reported under readiness conditions having major significance in determining the unit's total manpower requirements. There are three levels of readiness that need to be met: Condition III (Wartime/Increased Tension/Deployed Cruising Readiness), Condition IV (Peacetime Cruising Readiness), and Condition V (Inport Readiness). There are criteria that are applicable to each condition such as the ability to accomplish required maintenance, support, and administrative functions that must be met. Readiness conditions unique to each condition are summarized as follows:

a. Condition V (Inport Readiness) is designated as the inport maintenance and training period. It should be considered the baseline condition level capable of meeting the following criteria:

(1) Keep installed systems manned and operating to the extent necessary for effective operation as dictated by the existing situation.

(2) Able to man watch stations as required to provide adequate security.

(3) Able at all times to meet anticipated inport emergencies and to perform inport functions as prescribed by unit ROCs.

(4) Able to take maximum advantage of training opportunities.

b. Condition IV (Peacetime Cruising/At Sea Readiness) includes the following capabilities:

(1) Keep installed systems manned and operating to the extent necessary for safe and effective ship control, propulsion, and security.

(2) Able to take maximum advantage of training opportunities.

c. Condition III (Wartime/Increased Tension/Deployed Cruising/At Sea Readiness) includes the following capabilities:

(1) Systems are manned to a level sufficient to counter possible threats.

(2) Able to keep installed systems manned and operating as necessary to conform to the prescribed ROCs previously noted for the MPF.

8. ROC symbols are used to specify the desired level of achievement of readiness or other work for or during a particular readiness condition. Readiness normally applies to watches and or evolutions, while other work refers to non-watch activity such as performing maintenance.

CAPABILITIES

"F" = "Full." The capability is to be fully achieved. For operational functions (watches), this means that installed equipment or systems will be fully manned to design capability. The achievement is to be sustained for the duration of the condition unless modified by an "A" or "E."

"L" = "Limited." The capability is to be only partially realized. Even though only limited capability is realized, it is to be sustained for the duration of the condition unless modified by an "A" or "E." Every "L" must be supported by a limiting statement specifying the limitation.

MODIFIERS

"A" = "Augmentation." The capability is to be either fully or partially achieved for a limited time during the condition. The capability is achieved by using off-watch personnel and is always associated with an "F" or "L."

"E" = "Special Team." The capability is to be either fully or partially achieved for a limited time during the condition. The capability is achieved by using off-watch special teams or details. This symbol is always associated with an "F" or "L" and denotes a capability which does not require continuous watch manning.

MODIFIER	CAPABILITY	
	Full	Limited
None	Manned to design capacity for duration of condition	Manned to less than designed capacity for duration of condition
A	Temporarily manned to design capacity using off-watch personnel	Temporarily manned to less than design capacity using off-watch personnel
E	Temporarily manned to design capacity using a special team	Temporarily manned to less than design capacity using a special team

9. Normally, using an "A" or an "E" requires no embellishing statement as their meanings are predefined. However, in some cases, the meaning may not be clear as to whether the augmentation should be provided by staff personnel or the external resource. This ROC and POE instruction shows:

a. If the resource is within the MPF, no elaboration or statement is provided.

b. If the resource is external for "F," a "Note" is added to the ROC stating the resource.

c. If the resource is external for "L," the resource is added to the limiting statement.

REQUIRED OPERATIONAL CAPABILITIES FOR THE MPF SHIPS

		III	IV	V/IP
AMPHIBIOUS WARFARE (AMW)				
AMW 1	LOAD, TRANSPORT, AND LAND COMBAT EQUIPMENT, MATERIAL, SUPPLIES AND ATTENDANT PERSONNEL OF A FORCE OR GROUP IN AN AMPHIBIOUS OPERATION.			
AMW 1.2	Transport combat equipment, material and supplies with attendant personnel to the assault area.	F	F	
AMW 1.3	Land combat equipment, material and supplies with attendant personnel by air and or surface transport during amphibious operation. L - (T-AK, T-AKR, T-AKE only) Limited to surface transport of equipment, material, and supplies.	L	L	L
AMW 3	RE-EMBARK AND TRANSPORT EQUIPMENT, MATERIALS, SUPPLIES AND PERSONNEL.			
AMW 3.1	Re-embark and transport personnel of the landing force. (T-AK, T-AKR, T-AKE only)	F	F	
AMW 3.2	Re-embark and transport equipment, materials and supplies. (T-AK, T-AKR, T-AKE only)	F	F	
AMW 7	PROVIDE AMPHIBIOUS OPERATION CONSTRUCTION SUPPORT FOR SHIP-TO-SHORE OPERATIONS AND BEACH CLEARANCE.			
AMW 7.1	Provide, assemble, and operate pontoon causeways. L/A - (T-AK, T-AKR, and T-AKE only) Assembled and operated by Navy Beach Group (NAVBEACHGRU) and Navy Expeditionary Logistics Support Group (NAVELSG).	L/A	L/A	L/A
AMW 7.2	Provide and operate: (a) Warping tugs, (b) Causeway sections, powered for causeway ferry operations and the installation of causeway piers, and (c) Buoyant fuel/water systems. L/A - (T-AK and T-AKR only) Operated by NAVBEACHGRU and NAVELSG personnel.	L/A	L/A	L/A
AMW 7.3	Provide, install, and operate ship-to-shore fuel systems. L/A - (T-AK and T-AKR only) NAVBEACHGRU and NAVELSG personnel install system.	L/A	L/A	L/A
AMW 11	CONDUCT AMPHIBIOUS CARGO HANDLING OPERATIONS.			
AMW 11.1	Plan/direct amphibious cargo handling operations.	L	L	L

	L - (T-AK, T-AKR, and T-AKE only).			
AMW 11.2	Conduct amphibious cargo handling operations. L/A - (T-AK, T-AKR, and T-AKE only) Augmentation required by NSE.	L/A	L/A	L/A
COMMAND, CONTROL AND COMMUNICATIONS (CCC)				
CCC 1	PROVIDE COMMAND AND CONTROL FACILITIES FOR A TASK ORGANIZATION COMMANDER AND STAFF.			
CCC 1.1	Support (spaces, facilities and equipment only) embarked warfare commander or coordinator (other than own unit commanding officer). L - (T-AK, T-AKR, T-AKE only) Limited to designated flagship's support of squadron commander as task unit commander.	L	L	L
CCC 2	COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.			
CCC 2.8	Function as on-scene commander for a search and rescue (SAR) operation. (T-AK, T-AKR, T-AKE only)	F	F	
CCC 2.20	Control offload and ship-to-shore operations in an MPF operation. L/A - (T-AK, T-AKR, T-AKE only) flag/alternate flag configured vessels only. When augmented by NSE.	L/A	L/A	
CCC 3	PROVIDE OWN UNIT'S COMMAND AND CONTROL FUNCTIONS.			
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently.	F	F	F
CCC 3.8	Establish voice communications with U.S. Marine Corps (USMC) evacuation and command nets and or naval support activity net. L - Flagships/alternate flagships only.	L	L	L
CCC 6	PROVIDE COMMUNICATIONS FOR OWN UNIT.			
CCC 6.1	Maintain tactical voice communications.	F	F	F
CCC 6.2	Maintain visual communications.	F	F	
CCC 6.6	Process messages.	F	F	F
CCC 6.12	Maintain internal communications systems.	F	F	F
CCC 6.19	Provide tactical, secure voice or data communications. L - Non-flagships have communications limited to line of sight, very high	L	L	L

	frequency and satellite secure voice/data (including secure terminal equipment, fax machine and, while in port, cell phones).			
FORCE HEALTH PROTECTION (FHP)				
FHP 23	PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.			
	FHO 23.10 Conduct on-site emergency medical treatment during hazardous evolutions, including flight quarters, underway replenishment/refueling, and amphibious assault boat operations. L - Limited medical treatment capabilities. No dedicated doctor/corpsman/nurse normally onboard.	L	L	L
FHP 24	PROVIDE FIRST AID ASSISTANCE.			
	FHP 24.1 Identify, equip, and maintain appropriate first aid spaces.	F	F	F
	FHP 24.2 Train assigned and embarked personnel in first aid, self and buddy aid procedures.	F	F	F
	FHP 24.3 Train stretcher bearers.	F	F	F
FLEET SUPPORT OPERATIONS (FSO)				
FSO 6	SUPPORT/CONDUCT SAR OPERATIONS IN A COMBAT/NON-COMBAT ENVIRONMENT.			
	FSO 6.2 Conduct combat/non-combat SAR operations by surface ships. L - Limited capability of civilian crew.	L	L	
	FSO 6.4 Recover man overboard. E - Special detail required for hoisting/lowering lifeboats.	F/E	F/E	F/E
	FSO 6.7 Conduct general surveillance. L - Limited capability of civilian crew and embarked personnel.	L	L	
	FSO 6.10 Coordinate SAR operations. L - Limited capability of civilian crew.	L	L	
LOGISTICS (LOG)				
LOG 1	CONDUCT UNDERWAY REPLENISHMENT.			
	LOG 1.3 Transfer cargo underway. L/E - Special replenishment detail required. (Legacy MPS, T-AKE and T-AOT only)	L/E	L/E	
	LOG 1.7 Transfer diesel fuel, Marine underway by alongside/astern method.	L/E	L/E	

	<p>L/E - Capable of delivery by astern refueling only. Special replenishment detail required. (Legacy MPS only)</p> <p>L/E - Capable of delivery by alongside refueling only. Special replenishment detail required. (T-AOT and T-AKE only)</p>			
LOG 1.12	<p>Replenish other units underway with limited fuel, provisions, munitions, potable and feed water.</p> <p>L/E - Replenish with limited fuel and emergency provisions only. Special replenishment detail required. (Legacy MPS, T-AKE and T-AOT only)</p>	L/E	L/E	
LOG 2	TRANSFER/RECEIVE CARGO AND PERSONNEL.			
LOG 2.2	<p>Provide facilities and personnel for material, mail and passenger handling. (T-AK, T-AKR and T-AKE only)</p>	L	L	L
LOG 2.4	<p>Transfer and receive personnel by helo.</p> <p>L/E - T-AK, T-AKR and T-AKE only. No organic helos. Day/night (level II, class 3/4 - OPNAVINST 3120.35J) for T-AK and T-AKR. No refueling or support capability. The exception is the T-AKE (level II, class 1) refueling capability. Special flight operations detail required.</p>	L/E	L/E	
LOG 2.5	<p>Transfer personnel and light freight by highline.</p> <p>L/E - Freight only. Limited manning except when Marines embarked. Special detail required. (Legacy MPS and T-AOT only)</p>	L/E	L/E	
LOG 3	PROVIDE SEALIFT FOR CARGO AND PERSONNEL.			
LOG 3.1	<p>Provide stowage and berthing spaces for equipment and personnel during transit.</p> <p>L - (T-AK, T-AKR, and T-AKE only). Total personnel allowed aboard as per U.S. Coast Guard certificate of inspection (COI).</p>	L	L	L
LOG 3.2	<p>Provide small boat services for transfer of personnel, cargo, weapons, provisions and supplies.</p> <p>L - (T-AK, T-AKR, and T-AKE only).</p>	L	L	L
	MOBILITY (MOB)			
MOB 1	OPERATE SHIP'S PROPULSION PLANT TO DESIGNED CAPABILITY.			

MOB 1.1	Operate ship's propulsion plant at full power.	F	F	
MOB 1.7	Transit at high speed.	F	F	
MOB 1.11	Operate employing diesel engines. L - Motor vessels (some legacy MPS, some T-AKR, T-AKE and some MPF-E vessels).	L	L	
MOB 3	PREVENT AND CONTROL DAMAGE.			
MOB 3.1	Control fire, flooding, electrical, structural, propulsion, and hull/airframe casualties.	F	F	F
MOB 3.2	Counter and control chemical, biological, radiological (CBR) contaminants/agents. A - When augmented by off-watch civilian crew.	F/A	F/A	F/A
MOB 3.3	Maintain security against unfriendly acts. L - 72-hour maximum unassisted.	L	L	L
MOB 3.5	Provide damage control security/surveillance.	F	F	F
MOB 3.8	Provide emergency breathing devices per ship's allowance.	F	F	F
MOB 7	PERFORM SEAMANSHIP, AIRMANSHIP, AND, NAVIGATION TASKS.			
MOB 7.1	Navigate under all conditions of geographic location, weather, and visibility.	F	F	
MOB 7.2	Conduct precision anchoring.	F	F	
MOB 7.3	Get underway, moor, anchor, and sortie with duty section in a safe manner.	F	F	
MOB 7.6	Abandon/scuttle ship rapidly.	F	F	F
MOB 7.7	Provide life boat/raft capacity per unit's allowance.	F	F	F
MOB 7.8	Tow or be towed (towing engine not required; configuration of ramp along with bits and winches on ships' stern would prevent towing of some classes and sizes of ships). L/E - Configuration of ramp along with bits and winches on ships' stern would prevent towing of some classes and sizes of ships. Special detail required to tow or be towed.	L/E	L/E	
MOB 7.9	Operate day and night and under all weather conditions.	F	F	
MOB 7.14	Moor alongside amphibious task force shipping or docks. L - Pier/docks only.	L	L	L

MOB 7.15	Operate in a chemically contaminated environment. L - Civilian crew possesses limited equipment and training.	L	L	L
MOB 7.16	Recover man overboard (shipboard, boat, or helo).	F	F	F
MOB 10 REPLENISH AT SEA.				
MOB 10.1	Receive vertical replenishment. L/E - (T-AK, T-AKR, and T-AKE only). No organic helos. Day/night (level II, class 3/4 - OPNAVINST 3120.35J) for T-AK and T-AKR only. No refueling or support capability. The exception is T-AKE (level II, class 1) refueling capability. The arrangement of the T-AK and Watson class T-AKR flight and weather decks does not support landing of other than small parcels. Special flight operations detail required.	L/E	L/E	
MOB 10.2	Receive fuel while underway (alongside method). L/E - (T-AK, T-AKR, and T-AKE only). Special replenishment detail required.	L/E	L/E	
MOB 10.3	Receive munitions and provisions while underway. L/E - (T-AK, T-AKR, and T-AKE only). Receive provisions only. Special detail required.	L/E	L/E	
MOB 10.4	Receive potable and or feed water while underway. L/E - (T-AK, T-AKR, and T-AKE only). Special detail to be manned for alongside replenishment.	L/E	L/E	
MOB 12 MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.				
MOB 12.1	Ensure all phases of food service operations are conducted consistent with approved sanitary procedures and standards.	F	F	F
MOB 12.2	Ensure the operation of the potable water system in a manner consistent with approved sanitary procedures and standards.	F	F	F
MOB 12.3	Monitor and or maintain the environment to ensure the protection of personnel from overexposure to hazardous levels of radiation, temperature, noise, vibration, and toxic substances per	F	F	F

	current instructions.			
MOB 12.5	Monitor the health and well-being of the crew to ensure that habitability is consistent with approved habitability procedures and standards.	F	F	F
MOB 12.6	Ensure the operation and maintenance of all phases of shipboard environmental protection systems do not create a health hazard and are consistent with other naval directives pertaining to the prevention of pollution of the environment.	F	F	F
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.	F	F	F
MOB 14	CONDUCT OPERATIONS ASHORE.			
MOB 14.1	Operate in climate extremes ranging from severe cold weather to hot-humid (tropical) to hot-dry (desert) environments.	F	F	F
MOB 14.2	Operate in rear of combat zone in afloat prepositioning force or MEB operation.	F	F	F
MOB 14.5	Conduct peacetime activation, mount-out and movement exercises of selected personnel and equipment to ensure capability of contingencies involving naval forces short of a general war. L - Contract mariners are required to stay within the lifelines of the MPF platforms.	L	L	L
MISSIONS OF STATE (MOS)				
MOS 1	PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.			
MOS 1.4	Conduct foreign port calls.	F	F	
MOS 1.5	Conduct force/unit tours for foreign citizens during port calls.	F	F	
MOS 1.6	Conduct receptions for foreign dignitaries during port calls.	F	F	
MOS 1.8	Participate in military exercises with allied nations.	F	F	
MOS 1.9	Participate in military exercises with non-allied nations.	F	F	
MOS 2	PROVIDE HUMANITARIAN ASSISTANCE.			
MOS 2.1	Deliver relief material. (T-AK, T-AKR, MLP, T-AKE only)	F	F	
MOS 2.2	Provide emergency flooding/fire fighting assistance. (T-AK, T-AKR, MLP, T-AKE only)			
MOS 2.4	Provide disaster assistance and evacuation. L/A - (T-AK, T-AKR, MLP, T-AKE only).	L/A	L/A	

	Requires assistance and support from augmenting forces.			
MOS 2.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects. L/A - (T-AK, T-AKR, MLP, T-AKE only) Civilian crew possesses limited equipment and training. Requires assistance and support from augmenting forces.	L/A	L/A	
MOS 2.10	Support/provide for the evacuation of non-combatant personnel in areas of civil or international crisis. (T-AK, T-AKR, MLP, T-AKE only)	F	F	
MOS 2.11	Support/conduct helo/boat evacuation of non-combatant personnel in areas of civil or international crisis. L/A - (T-AK, T-AKR, MLP, T-AKE only) Requires assistance and support from augmenting forces.	L/A	L/A	
MOS 2.12	Provide for embarkation, identification and processing of evacuees. L/A - (T-AK, T-AKR, MLP, T-AKE only) Requires assistance and support from augmenting forces.	L/A	L/A	
MOS 2.13	Provide care, feeding and berthing of evacuees. L/A - (T-AK, T-AKR, MLP, T-AKE only) Requires assistance and support from augmenting forces.	L/A	L/A	
NON-COMBAT OPERATIONS (NCO)				
NCO 2	PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.			
NCO 2.1	Provide supply support services.	F	F	F
NCO 2.5	Provide messing facilities.	F	F	F
NCO 2.6	Provide ship service facilities.	F	F	F
NCO 2.7	Provide inventory and custodial services. L - USMC personnel responsible for their own inventory and custodial services.	L	L	
NCO 2.8	Provide personnel for living space maintenance. L - USMC personnel responsible for maintenance of own spaces while embarked.	L	L	L
NCO 3	PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.			

NCO 3.1	Provide organizational level preventive maintenance.	F	F	F
NCO 3.2	Provide organizational level corrective maintenance. L - Ship's crew responsible for ship's upkeep and maintenance.	L	L	L
NCO 3.3	Provide small arms storage area.	F	F	F
NCO 3.5	Provide for proper storage, handling, use, and transfer of hazardous materials.	F	F	F
NCO 10	PROVIDE EMERGENCY/DISASTER ASSISTANCE.			
NCO 10.1	Provide emergency flooding/fire fighting assistance to another unit. (T-AK, T-AKR, MLP, T-AKE only) E - Special detail assigned.	F/E	F/E	F/E
NCO 10.4	Provide disaster assistance and evacuation. (T-AK, T-AKR, MLP, T-AKE only) E - Special detail assigned.	F/E	F/E	F/E
NCO 11	SUPPORT/PROVIDE FOR THE EVACUATION OF NON-COMBATANT PERSONNEL IN AREAS OF CIVIL OR INTERNATIONAL CRISIS.			
NCO 11.1	Support/conduct helo/boat evacuation of noncombatant personnel as directed by higher authority from areas of civil or international crisis. L - (T-AK, T-AKR and T-AKE only). No organic helos. Day/night (level II, class 3/4 - OPNAVINST 3120.35J). With exception of the T-AKE, no refueling or support capability.	L	L	L
NCO 11.2	Provide for embarkation, identification and processing of evacuees. L/E - (T-AK, T-AKR and T-AKE only). Require augmentation by personnel trained to process evacuees.	L/E	L/E	L/E
NCO 11.3	Provide care, feeding and berthing of evacuees. L/E - (T-AK, T-AKR and T-AKE only). Total personnel allowed aboard each individual ship as per U.S. Coast Guard COI.	L/E	L/E	L/E
NCO 11.4	Provide transportation for evacuees to designated safe havens or onward processing centers. L - (T-AK, T-AKR and T-AKE only).	L	L	L
NCO 24	SUPPORT/CONDUCT ROTARY WING AIRCRAFT OPERATIONS.			

NCO 24.1	Support/conduct day rotary wing aircraft flight operations. L/E - (T-AK, T-AKE and T-AKR only). No organic helos. Level II, class 3/4, per OPNAVINST 3120.35J. With the exception of T-AKE, no refueling or support capability. Special flight operations detail required.	L/E	L/E	L/E
NCO 24.2	Support/conduct night rotary wing aircraft flight operations. L/E - (T-AK, T-AKE and T-AKR only). No organic helos. Level II, class 3/4, per OPNAVINST 3120.35J. With the exception of the T-AKE, no refueling or support capability. Special flight operations detail required.	L/E	L/E	L/E
NCO 24.3	Support/conduct rotary wing aircraft flight operations during all emission control (EMCON) conditions. L/E - (T-AK, T-AKE and T-AKR only). No organic helos. Level II, class 3/4 per OPNAVINST 3120.35J. With the exception of T-AKE, no refueling or support capability. Special flight operations detail required.	L/E	L/E	L/E
NCO 25	CONDUCT MARINE ENVIRONMENTAL PROTECTION.			
NCO 25.1	Detect oil or hazardous chemical spill.	F	F	F
NCO 25.2	Report spills to proper authority.	F	F	F
NCO 25.3	Conduct pollution abatement operations.	F	F	F
STRATEGIC SEALIFT (STS)				
STS 1	LOAD, DISCHARGE, AND TRANSPORT DRY CARGO.			
STS 1.1	Use ship's cargo rigs to load and discharge breakbulk cargo. L - (T-AK and T-AKR only).	L	L	L
STS 1.2	Use ship's crane(s) to load and discharge containerized cargo. L - (T-AK and T-AKR only).	L	L	L
STS 1.8	Use ship's ramp(s) to load and discharge RO/RO cargo. L - (T-AK and T-AKR only).	L	L	L
STS 1.9	Ensure that designed cargo spaces are useable for the carriage of cargo. L - (T-AK and T-AKR only).	L	L	L
STS 1.10	Provide operational causeways, warping tugs or other terminal support equipment.	L	L	L

	L - (T-AK and T-AKR only).			
STS 1.15	Load, stow, transport and discharge outsized and oversized military equipment.	L	L	L
	L - (T-AK and T-AKR only).			
STS 2	LOAD, DISCHARGE AND TRANSPORT POL.			
STS 2.1	Provide liquid cargo tanks and piping systems suitable for carriage of POL.	L	L	L
	L - (Legacy MPS and T-AOT only).			
STS 2.2	Provide cargo systems with segregation necessary to carry multiple products.	L	L	L
	L - (Legacy MPS and T-AOT only).			
STS 2.3	Maintain ships cargo tanks suitably coated to carry clean POL products.	L	L	L
	L - (Legacy MPS and T-AOT only).			
STS 2.4	Use ships pumps to discharge POL.	L	L	L
	L - (Legacy MPS and T-AOT only).			
STS 2.7	Use ship's installed high pressure boost pumps to discharge cargo fuel to shore through an OPDS and ABLTS.	L	L	L
	L - (Legacy MPS and T-AOT only).			
STS 3	TRANSPORT PASSENGERS.			
STS 3.1	Conduct helo flight quarters for personnel transfer. L/E - (T-AK, T-AKE and T-AKR only). No organic helos. Day/night (level II, class 3/4 - OPNAVINST 3120.35J) for T-AK and T-AKR only. No refueling or support capability with exception of T-AKE (level II, class 1). Special flight operations detail required.	L/E	L/E	L/E
STS 3.2	Provide suitable berthing, messing and sanitary facilities for the number of troops or other passengers specified in the unit's POE. L - (T-AK, T-AKE and T-AKR only).	L	L	L
STS 4	PREPOSITION CARGO.			
STS 4.1	Maintain cargo space, including appropriate environmental control for prepositioned cargo.	F	F	F
	SURFACE WARFARE (SUW)			
SUW 1	USING ANTI-SURFACE ARMAMENTS, ENGAGE SURFACE THREATS.			

	SUW 1.10	Conduct close-in surface self-defense using crew operated machine guns (i.e., 25 millimeter (mm), 20mm, .50 caliber (cal), .30 cal).	F	F	
SUW 4	DETECT, IDENTIFY, LOCALIZE AND TRACK SURFACE SHIP TARGETS.		F	F	
	SUW 4.1	Detect, localize and track surface contacts with radar.	F	F	
	SUW 4.4	Detect, identify, classify and track surface contacts visually.	F	F	
	SUW 4.7	Identify surface contacts.	F	F	
SUW 6	DISENGAGE, EVADE AND AVOID SURFACE ATTACK.				
	SUW 6.2	Employ evasion techniques.	F	F	
	SUW 6.3	Employ EMCON procedures.	F	F	F