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OPNAV INSTRUCTION 3501.334B

From: Chief of Naval Operations

Subj: REQUIRED OPERATIONAL CAPABILITIES AND PROJECTED
OPERATIONAL ENVIRONMENT FOR AMPHIBIOUS COMMAND SHIP
(LCC-20) MOUNT WHITNEY

Ref: (a) OPNAVINST C3501.2K (NOTAL)
(b) NTPP 1-03.5

Encl: (1) Projected Operational Environment (POE) for (LCC-20)
Mount Whitney Command Ship
(2) Required Operational Capabilities (ROC) for (LCC-20)
Mount Whitney Command Ship

1. Purpose

a. To revise the required operational capabilities (ROC) and projected operational environment (POE) for amphibious command ship (LCC-20) Mount Whitney. This instruction is being reissued with a new date, updated version and signature authority to meet the Chief of Naval Operations' (CNO) age requirements for the Office of the Chief of Naval Operations (OPNAV) instructions.

b. This instruction is a complete revision, contains new mission areas, and renaming of anti-air warfare to air warfare (AW), command and control (C2) warfare to information operations (IO), and anti-surface warfare to surface warfare (SUW). Various fleet support operations (FSO) ROC statements were moved to force health protection (FHP) by reference (a) with changes reflected herein.

2. Cancellation. OPNAVINST F3501.334A.

3. Discussion. Enclosures (1) and (2) have been prepared pursuant per reference (a). The ROC and POE provide the necessary details to describe the mission areas, environment and operational capabilities for which LCC-20 was designed and organized as per reference (a). This instruction provides resource agencies information concerning LCC-20 mission

requirements, capabilities, and the types and locations of expected operations. Together, the ROC and POE establish tasking which produces a measurable workload to compute manpower requirements for ship manpower documents (SMD.)

4. Action. Request fleet commanders periodically review enclosures (1) and (2) and recommend changes to the Director, Surface Warfare (OPNAV N96), (Attn: Manpower Branch N96D) when capability of LCC-20 is significantly altered. Change recommendations should include comments on the expected SMD impact.

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 January 2012.



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PROJECTED OPERATIONAL ENVIRONMENT (POE)
FOR
(LCC-20) MOUNT WHITNEY COMMAND SHIP

1. LCC-20 functions as a command ship whose primary mission is to serve as a C2, communications, computers and intelligence (C4I) platform. Scenario dependent, LCC-20 will be capable to operate as a command ship for joint force commanders, component commanders, task force commanders and their staffs (subject to space limitations). In lieu of joint operations, the facilities and joint cell spaces may be used to support a numbered fleet commanders operations. LCC-20 provides requisite accommodations, facilities, equipment and support for the operation and maintenance of C4I systems and equipment. In addition, LCC-20 provides its own limited AW and SUW self-defense. When operating independently, the ship should be restricted to low-density threat operations.

2. The most demanding operational environment anticipated for LCC-20 is forward deployed wartime operations in cooperation with designated joint, allied, combined and or multinational forces, including operations involving coordination of air, land, maritime, and special operations forces.

3. C2 of forces during peacetime operations in littoral areas are also very demanding. In an era characterized by the proliferation of sophisticated weaponry, coupled with the advance of global war on terrorism, LCC-20 can anticipate threats by submarines, coastal missiles, mines, sea-skimming cruise missiles, theater ballistic missiles, and terrorists. A substantial percentage of operations will be conducted in cooperation with naval, joint, combined and or multi-national forces, other U.S. agencies and non-governmental organizations.

4. LCC-20 is flag-configured; unique facilities are provided for the embarked commanders, their staffs and for a scenario-dependent mix of augmentees, reserves, detachments, and other staffs (e.g. North Atlantic Treaty Organization (NATO) commanders and staff). The ship will provide an operations center facility to execute joint and or maritime operations. The ship will also provide unique facilities for naval, joint and combined cells to sustain operations. The following tables provide guidance on the division of responsibilities between the ship and staff.

5. The ships company of LCC-20 will be comprised of Military Sealift Command (MSC) civil service mariners (CIVMAR) and active duty U.S. Navy (USN) personnel. MSC will adequately man engineering, deck, supply, purser, and MSC medical departments with personnel who are trained, qualified, and medically fit. Manning levels will be consistent with the ship's mission. Military personnel will adequately man operations and combat systems, communications, C4I, USN medical and USN supply and administrative departments.

TABLE OF INTER-ACTIVITY RESPONSIBILITIES			
ITEM	COMMAND SHIP USN	COMMAND SHIP CIVMAR	EMBARKED STAFF/ AUGMENTATION
WATCHES	<ul style="list-style-type: none"> - Ship's readiness condition watch stations derived from capabilities required in enclosure (2). Generally, all combat information center (CIC) and weapons control watches. - Own message center watches, less force frequency manager. 	<ul style="list-style-type: none"> - Ship's readiness condition watch stations derived from capabilities required in enclosure (2). Generally, all bridge, navigation, damage control and engineering watches. - Conduct all flight deck operations to include launch and recovery of helicopters and vertical replenishment. 	<ul style="list-style-type: none"> - Staff readiness state watches for operations center and other joint or naval component commander watch stations as derived from the commanders ROC. - All intelligence center watches. - Embarked staff(s) message center watches, including force frequency manager.
EQUIPMENT MAINTENANCE	<ul style="list-style-type: none"> - All C4I and weapon system related maintenance, including condition I, III maintenance watches. 	<ul style="list-style-type: none"> - Generally all remaining engineering, navigation, deck, hull, mechanical and electrical related maintenance, including condition I, III maintenance watches. 	<ul style="list-style-type: none"> - Routine barge maintenance.

TABLE OF INTER-ACTIVITY RESPONSIBILITIES			
ITEM	COMMAND SHIP USN	COMMAND SHIP CIVMAR	EMBARKED STAFF/ AUGMENTATION
C ⁴ I SYSTEMS MANAGEMENT	<ul style="list-style-type: none"> - Ship systems, designated staff systems, and permanently installed C4I equipment without "mount-out" capability. 		<ul style="list-style-type: none"> - Staff-exclusive systems, designated joint systems and non-permanent C4I equipment with "mount-out" capability.
FACILITIES MAINTENANCE INCLUDING:	<p>All preservation, habitability maintenance, refurbishment, planned maintenance and cleaning:</p> <ul style="list-style-type: none"> - Designated passageways. - Designated office and watch station spaces. - Designated enlisted quarters including heads. 	<p>All preservation, habitability maintenance, refurbishment, planned maintenance and cleaning:</p> <ul style="list-style-type: none"> - Designated passageways. - Designated office and watch station spaces. - All common areas. - Designated quarters including heads. - All ships officers' quarters. - All embarked staff officer quarters less flag quarters. 	<p>Cleaning:</p> <ul style="list-style-type: none"> - Staff office spaces. - Flag quarters & mess. - Chief Of Staff/Assistant Chief Of Staff quarters. - Dignitary quarters. - Embarked enlisted staff quarters. - Embarked commander/staff operations spaces including operations center. - Designated staff passageways.
MESSING		<p>All wardroom, enlisted, CPO mess operations for ships officers and augmenters O-5 and below, including embarked staff :</p> <ul style="list-style-type: none"> - Ships officers and augmenters O-5 and below. - Embarked staff. 	<p>Admiral/Flag Officer mess:</p> <p>Readiness State III:</p> <ul style="list-style-type: none"> - Flag, dignitaries, COS, ACOS and O-6 augmenters. <p>Readiness State I:</p> <ul style="list-style-type: none"> - Flag, dignitaries, COS, ACOS and O-6 augmenters.

TABLE OF INTER-ACTIVITY RESPONSIBILITIES			
ITEM	COMMAND SHIP USN	COMMAND SHIP CIVMAR	EMBARKED STAFF/ AUGMENTATION
DISBURSING	<ul style="list-style-type: none"> - All routine processing and maintenance of records for permanently assigned USN. 	<ul style="list-style-type: none"> - All routine processing and maintenance of records for permanently assigned CIVMAR. 	<ul style="list-style-type: none"> - All routine processing and maintenance of records for embarked staff. - Routine processing of travel budget and claims for embarked staff.
LAUNDRY	<ul style="list-style-type: none"> - Pick-up/delivery of laundry for USN enlisted personnel. 	<ul style="list-style-type: none"> - All laundry/cleaning services. - Pick-up/delivery of laundry for all officers and embarked staff officers. - Provide self-serve laundry facilities for CIVMAR and non-uniform items. 	<ul style="list-style-type: none"> - Pick-up/delivery of laundry for embarked flag officers. - Pick-up/delivery of laundry for embarked staff enlisted personnel.
MEDICAL	<ul style="list-style-type: none"> - All routine processing, record maintenance and support to permanently assigned USN. - Emergency medical services to embarked staff and CIVMAR. <p>Readiness State I:</p> <ul style="list-style-type: none"> - Provide emergency medical support at battle dressing station. 	<ul style="list-style-type: none"> - All routine processing, record maintenance and support to permanently assigned CIVMAR. - Emergency medical services to embarked staff and USN. <p>Readiness State I:</p> <ul style="list-style-type: none"> - Provide emergency medical support at battle dressing station. 	<ul style="list-style-type: none"> - All routine processing, record maintenance and support to permanently assigned staff. - Coordinate augment embarkation to support full medical capability as required by mission/tasking. <p>Readiness State I:</p> <ul style="list-style-type: none"> - Provide emergency medical support at battle dressing stations when medical augment embarked.

Note: Staff is responsible for full mount-out capability of C4I systems and equipment.

C ⁴ I EQUIPMENT MATRIX		
C ⁴ I EQUIPMENT	COMMAND SHIP	EMBARKED STAFF
Naval Modular Automated Communications System (NAVMACS)	Technicians Administrators Operators	
Theater battle management core systems	Technicians	Administrators Operators
Secret Internet Protocol Router Network (SIPRNET) Local Area Network (LAN) Non-Classified Internet Protocol Router Network (NIPRNET) LAN	Technicians Administrators Operators	Administrators
Video Teleconferencing (VTC)	Technicians Operators	Operators
Global Command and Control System (GCCS)	*Technicians *Operators *Ship situational awareness only	Administrators
Special Mission Unit Switch	Technicians Operators	Technicians Operators
AT&T Switch	Technicians Operators	Technicians Operators
Intelligence Systems	*Technicians *Operators *Ship situational awareness only	Technicians Administrators Operators
Global Broadcasting System	Technicians Operators	
NATO LAN	Technicians Administrators Operators	Technicians Administrators Operators
Air Defense System Integrator	Technicians *Administrators *Operators *Ship situational awareness only	Technicians Administrators Operators
Radio Frequency Systems	Technicians Operators	Operators

Tactical Environmental Support Systems/Navy Integrated Tactical Environmental System		Technicians Operators
Cryptographic	Technicians Operators	Operators

6. Maximum advantage will be taken of both the embarked staff and ships automated systems and capabilities. Duplicative manual procedures or processes will not be included in the ships doctrine or bills, nor be accounted for in the ships workload. Automation elements that do not appear to provide the intended capability should be reported to the warfare sponsor Branch Head, Operations and Maintenance (OPNAV N96G) for further evaluation.

REQUIRED OPERATIONAL CAPABILITIES (ROC)
FOR
(LCC-20) MOUNT WHITNEY COMMAND SHIP

1. The mission of LCC-20 is to provide C4I facilities and shipboard accommodations for joint force commanders, component commanders, task force commanders and their staffs. LCC-20 is flag-configured; unique facilities are provided for the embarked commanders, their staffs and for a scenario-dependent mix of augmentees, reserves, detachments, and other staffs (e.g. NATO commanders and staff). The ship will provide an operations center to execute joint and or maritime operations. LCC-20 will also provide unique facilities for naval, joint or combined cells to sustain operations. In lieu of joint operations, the operations center, intelligence center and other joint cell spaces may be used to support a numbered fleet commanders operations. The C4I infrastructure will support rapid reconfiguration through systems management to support tailored mission accomplishment as directed by the embarked commander. As a result, the following primary and secondary warfare mission areas are assigned:

LCC 20														
AW	AMW	ASW	CCC	FHP	FSO	IO	INT	LOG	MIW	MOB	MOS	NCO	STW	SUW
S	S*	S	P	S	S	P	P	S	S	P	P	S	P	S
AW: air warfare AMW: amphibious warfare ASW: antisubmarine warfare CCC: command, control, and communication FHP: force health protection FSO: fleet ship operation INT: intelligence operation								IO: information operation LOG: logistic MIW: mine warfare MOB: mobility MOS: mission of state NCO: noncombat operations NSW: naval special warfare STW: strike warfare SUW: surface warfare						

*Amphibious capabilities are exclusively to support the embarked commander and staff. There is no indigenous capability for direct participation in amphibious operations.

2. ROCs are reported under readiness conditions having major significance in determining the units total manpower requirements. The following summarizes conditions covered:

a. Condition I: Battle Readiness

(1) While in condition I, the ship shall be capable of meeting the following criteria:

(a) Able to perform all offensive and defensive functions simultaneously.

(b) Able to keep all installed systems manned and operating for maximum effectiveness.

(c) Required to accomplish only minimal maintenance that routinely associated with watch standing and urgent repairs.

(d) This condition means self-defense measures are being performed.

(e) The battle repair organization will include requisite watch stations to sustain, reconfigure and repair the commanders C4I equipment.

(f) Evolutions such as replenishment, law enforcement or logistics helo operations are not appropriate unless the evolution stations are co-manned by personnel from other battle stations.

(g) The maximum expected continuous crew endurance for condition I is 24 hours.

b. Condition II: Modified Battle Readiness

(a) Condition II is condition I battle readiness modified to meet particular imminent threats that are situation-dependent. As such, condition II is a subset of condition I that stands up particular condition I capabilities at the discretion of the commander joint task force (CJTF), embarked commanders, task force commander, and or commanding officer (CO). While in condition II, the ship shall be capable of meeting the following criteria:

(a) Able to simultaneously perform those offensive and defensive functions necessary to counter specific imminent, limited threats.

(b) Able to keep required operational systems continuously manned and operating.

(c) Able to perform other C2 functions relevant to the threat which are not required to be accomplished simultaneously.

(d) Able to accomplish urgent underway planned maintenance and support functions.

(e) The maximum expected continuous duration for condition II is 10 days, with a minimum of 4-6 hours of rest provided per person per day. Since scenarios cannot be fixed in advance for all foreseeable combinations of circumstances other than full general quarters, a condition II column is not portrayed in the table of ROCs.

c. Condition III: Wartime, Increased Tension and Forward Deployed Cruising Readiness.

(1) Reduced defensive systems are manned to a level sufficient to counter possible threats. While in condition III, the ship shall be capable of meeting the following criteria:

(a) Able to keep installed systems manned and operating as necessary to conform with prescribed ROCs.

(b) Able to accomplish all normal maintenance, support and administrative functions.

(c) During condition III, LCC-20 continues to fully support the CJTF, embarked commanders, their staffs, and augmentees in readiness state IV through I postures. That is, even when the ship is performing routine operations, it must be able to actively support the embarked commanders maximum state of operations. To determine manpower requirements, the minimum expected crew endurance for condition III is 60 days, with opportunity for 8 hours of rest provided per person per day.

(d) A ship is considered deployed (i.e., in condition III) when homeported overseas, when out of homeport for more than 8 weeks, when specified as deployed by the fleet commander or when assigned to the CJTF, embarked commanders,

operational control of commander, or Commander, Sixth Fleet the other designated numbered fleet commander.

d. Condition IV: Peacetime Cruising Readiness

(1) While in condition IV, the ship shall be capable of meeting the following criteria:

(a) Able to keep installed systems manned and operating only to the extent necessary for safe and effective ship control, propulsion, and security.

(b) Able to accomplish all normal underway maintenance, support and administrative functions.

(c) During condition IV, LCC-20 is also able to fully support embarked commanders, numbered fleet commander, their staffs, and augmentees in readiness state IV through I postures. Maximum advantage is taken of training opportunities that do not interfere with the CJTF, embarked commander and or numbered fleet commanders' operations. Expected endurance is not constrained by personnel. Ability to immediately change readiness posture to condition I, II, or III is expected.

e. Condition V: Inport Readiness

(1) Designated maintenance and training period. While in condition V, the ship shall be capable of meeting the following criteria:

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

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

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

(d) Able to accomplish all required maintenance, support, and administrative functions.

(e) During condition V, LCC-20 is also able to support the embarked commanders, their staffs, and augmentees in readiness state IV through I postures. This will include sustained operation of the ships communications center and operation of all C4I systems. Maximum advantage is taken of training opportunities that do not interfere with the CJTF, embarked commanders and or numbered fleet commanders operations. Subject to the foregoing requirements, the crew will be provided maximum opportunity for rest, leave, and liberty.

3. 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 or running the galley).

a. Capabilities

(1) "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. For support functions, sufficient manning is provided to ensure effective accomplishment of all included tasks. The achievement is to be sustained for the duration of the condition unless modified by an "A" or "E".

(2) "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". A limiting statement specifying the limitation must support every "L".

b. Modifiers

(1) "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, off-duty or embarked personnel to achieve the required degree of capability. This symbol is always associated with an "F" or "L" and establishes a requirement for personnel to be trained, available and on call to augment existing watch stations as required.

(2) "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 or embarked 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. Teams and details as set may either supplement or replace all or part of the existing watch organization. Man overboard and replenishment details are two examples.

MODIFIER		CAPABILITY	
		FULL (F)	LIMITED (L)
None	➤	Manned to design capacity for duration of condition	Manned to less than design 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

4. Ships Company and External Personnel Resources. Normally, using an "A" or an "E" requires no embellishing statement as their meanings are predefined. However, in the case of LCC-20 as well as other classes, which may embark external resources, the meaning may not be clear as to whether ships company or the external resource should provide the augmentation. This ROC and POE instruction shows:

a. If the resource is ships company, no elaboration or statement is provided.

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

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

d. MSC Modifiers

(1) "S" = "Fully Supported." The required capability level is fully performed by CIVMAR crew for all conditions listed. The capability may be achieved by using off-watch or off-duty personnel to achieve the required degree of capability. This symbol establishes a requirement for personnel to be trained, available and on call to augment existing watch stations as required.

(2) "P" = "Partially Supported." The required capability level is partially performed by CIVMAR crew for all conditions listed. The capability may be achieved by using off-watch or off-duty personnel to achieve the required degree of capability. This symbol establishes a requirement for personnel to be trained, available and on call to augment existing watch stations as required. Specific support provided by MSC will be provided as a CIVMAR Note.

(3) "N" = "Not Supported." The capability is not performed by CIVMAR personnel and is the sole responsibility of the USN crew or embarked staff for all conditions listed.

REQUIRED OPERATIONAL CAPABILITIES

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
AIR WARFARE (AW)						
AW 1	PROVIDE AIR DEFENSE INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.					
AW 1.2	<p>Conduct air self-defense using missile, gun, electronic or physical systems (e.g., chaff, flares).</p> <p>III(L) - Close-in weapons system (CIWS) remote control panels co-manned by other CIC watch stations.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L	N
AW 1.7	<p>Engage air targets during joint/group operations.</p> <p>III(L) - CIWS remote control panels co-manned by other CIC watch stations.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L	N
AW 6	DETECT, IDENTIFY, AND TRACK AIR TARGETS.					
AW 6.2	<p>Recognize by sight friendly and enemy aircraft.</p> <p>CIVMAR Note: Capability provided by bridge watch team and aft lookout.</p> <p>V(L) - Plan and train.</p>	F	F	F	L	S

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
AW 6.7	<p>Detect, classify, and track air targets by electronic warfare support measures (ESM).</p> <p>III(L) - Supervisor and ESM operator only.</p> <p>IV(L) - ESM operator only.</p> <p>V(L) - Plan and train.</p>	F	L	L	L	N
AW 9	ENGAGE AIRBORNE THREATS USING SURFACE-TO-AIR ARMAMENT.					
AW 9.3	<p>Engage low altitude threats with missiles.</p> <p>USN Note: Shoulder-mounted stinger augmentation required.</p> <p>III, IV, V(L) - Plan and train.</p>	F/E	L	L	L	N
AW 9.4	<p>Engage low/medium altitude airborne threats with gunfire.</p> <p>III(L) - CIWS remote control panels co-manned by other CIC watch stations.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L	N
AW 9.5	<p>Engage airborne threats utilizing installed anti-air weapons.</p> <p>III(L) - CIWS remote control panels co-manned by other CIC watch stations.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
AW 9.6	Engage airborne threats utilizing soft-kill weapons systems (i.e., chaff/decoys). I(L) - Reloading stations co-manned from other battle stations. III(L) - No reload capability. IV, V(L) - Plan and train.	L	L	L	L	N
AW 11	REPAIR OWN UNITS AW EQUIPMENT. USN Note: During condition III, full capability provided by on-call/off-watch personnel. CIVMAR provide supply and repair parts support. I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.	L	F	F	F	P

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
AW 12	<p>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNITS AW CAPABILITIES.</p> <p>CIVMAR Note: CIVMAR provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man combat systems operational sequencing system (CSOSS) watch organization with combat system officer of the watch (CSOOW)/combat systems maintenance supervisor and electronics support supervisor.</p> <p>V(L) - Plan and train.</p>	L	L	L	L	P
AMPHIBIOUS WARFARE (AMW)						
AMW 2	<p>LOAD, TRANSPORT, AND LAND ELEMENTS OF A LANDING FORCE WITH THEIR EQUIPMENT AND SUPPLIES IN AN AMPHIBIOUS ASSAULT.</p> <p>CIVMAR Note: CIVMAR provide hospitality support of embarked personnel per table of inter-activity responsibilities.</p>		L	L	L	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>III(L) - Provide facilities, equipment maintenance (for ship and shared equipment) and hospitality services for command, amphibious task force (CATF), Marine expeditionary force (MEF), commander, landing force, and direct support staffs only. Reconfigure the permanent C4I suite to meet the amphibious operation profile.</p> <p>IV, V(L) - Plan and train.</p>					
<p>AMW 3 REEMBARK AND TRANSPORT EQUIPMENT, MATERIALS, SUPPLIES AND PERSONNEL.</p> <p>CIVMAR Note: CIVMAR provide hospitality support of embarked personnel per table of inter-activity responsibilities.</p> <p>III(L) - Provide facilities, equipment maintenance (for ship and shared equipment) and hospitality services for CATF-MEF, combat logistic force (CLF), and direct support staffs only. Reconfigure the permanent C4I suite to meet the amphibious operation profile.</p> <p>IV, V(L) - Plan and train.</p>		L	L	L	P

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
AMW 6	<p>CONDUCT HELICOPTER OPERATIONS TO SUPPORT AN AMPHIBIOUS ASSAULT.</p> <p>CIVMAR Note: CIVMAR provide hospitality support of embarked personnel per table of inter-activity responsibilities. CIVMAR conduct flight deck operations.</p> <p>III(L) - Provide facilities, equipment maintenance (for ship and shared equipment) and hospitality services for CATF-MEF, CLF, and direct support staffs only. Reconfigure the permanent C4I suite to meet the amphibious operation profile. Provide flight deck support for staff logistics/movement flights.</p> <p>IV, V(L) - Plan and train.</p>		L	L	L	P
AMW 9	<p>CONDUCT PREASSAULT COVER AND DIVERSIONARY ACTIONS.</p>					
AMW 9.1	<p>Plan/direct pre-assault cover and diversionary actions.</p> <p>CIVMAR Note: CIVMAR provide hospitality support of embarked personnel per table of inter-activity responsibilities.</p>		L	L	L	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>III(L) - Provide facilities, equipment maintenance (for ship and shared equipment) and hospitality services for CATF-MEF, CLF, and direct support staffs only. Reconfigure the permanent C4I suite to meet the amphibious operation profile.</p> <p>IV, V(L) - Plan and train.</p>					
<p>AMW 20 REPAIR OWN UNITS AMW EQUIPMENT.</p> <p>USN Note: During condition III, full capability provided by on-call/off-watch personnel. CIVMAR provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.</p>	L	F	F	F	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>AMW 43 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNITS AMW CAPABILITIES.</p> <p>CIVMAR Note: CIVMAR provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man CSOSS watch organization with CSOOW/ combat systems maintenance supervisor and electronics support supervisor.</p> <p>V(L) - Plan and train.</p>	L	L	L	L	P
ANTISUBMARINE WARFARE (ASW)					
<p>ASW 2 PROVIDE ASW DEFENSE OF A GEOGRAPHIC AREA.</p> <p>ASW 2.6 Plan/direct ASW defense of a geographic area (e.g., amphibious objective area (AOA)).</p> <p>CIVMAR Note: CIVMAR provide hospitality support of embarked personnel per table of inter-activity responsibilities.</p>		L	L	L	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>III(L) - Provide facilities, equipment maintenance (for ship and shared equipment) and hospitality services for CATF, MEF, CLF, and direct support staffs only. Reconfigure the permanent C4I suite to meet the amphibious operation profile.</p> <p>IV, V(L) - Plan and train.</p>					
<p>ASW 8 DISENGAGE, EVADE, AVOID, AND DECEIVE SUBMARINES.</p>					
<p>ASW 8.1 Employ torpedo countermeasures and evasion techniques including:</p> <p>(a) Torpedo countermeasure system (NIXIE).</p> <p>USN Note: Streaming and retrieval of NIXIE performed by standing down other condition I watch stations or using off-watch personnel during condition III. CIVMAR provide bridge watches and lookout support of evasion techniques.</p> <p>IV, V(L) - Plan and train.</p>	F	F/A	L	L	P
<p>ASW 8.4 Conduct deception operations in support of ASW operations.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L	N
<p>COMMAND, CONTROL, AND COMMUNICATIONS (CCC)</p>					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
CCC 1	<p>PROVIDE C2 FACILITIES FOR A TASK ORGANIZATION COMMANDER AND STAFF.</p> <p>Note: Provide C2 facilities for a joint/CJTF and embarked/component commanders joint force air component commander, joint force landing component commander (JFLCC), joint force maritime component commander (JFMCC), joint force special operations component commander (JFSOCC), designated NATO commanders and staffs.</p>					
CCC 1.1	<p>Support (spaces, facilities and equipment only) embarked warfare commander or coordinator (other than own unit CO).</p> <p>Note: See POE, enclosure (1), for division of responsibilities.</p>	F	F	F	F	N
CCC 1.2	<p>Provide C2 facilities for embarked warfare commander or coordinator (other than own unit CO).</p>	F	F	F	F	N
CCC 1.9	<p>Provide a signal/electronic warfare coordination center with facilities for operations and intelligence personnel.</p> <p>Note: Sensitive compartmented information (SCI) communications.</p>	F	F	F	F	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 1.12 Provide an intelligence center with facilities for embarked staff for production of required intelligence.</p> <p>USN Note: Use SCI communications. All intelligence personnel are embarked staff and augmentees.</p>	F	F	F	F	N
<p>CCC 1.13 Provide communications support for embarked warfare commander or coordinator.</p> <p>Note: Per inter-activity table in POE, enclosure (1).</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level. The staff will internally process their own traffic.</p>	F	F	F	L	N
<p>CCC 2 COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</p> <p>USN Note: Provide support for CJTF and embarked/ component commanders only.</p>					
<p>CCC 2.1 Coordinate the reconnaissance of multiple surface, subsurface and/or air contacts.</p> <p>V(L) - Plan and train.</p>	F	F	F/A	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
CCC 2.4	Function as surface action group commander.	F	F	F	F	
CCC 2.5	Operate as contact area commander to coordinate multi-type search and attack operations.	F	F	F	F	
CCC 2.6	Function as force or sector officer in tactical command/composite warfare commanders (or alternate) to coordinate and control strike group (SG)/task force operations.	F	F	F	F	
CCC 2.16	Assist in planning of AW, SUW, and ASW for the coordination of air operations in the assigned area of operation (AO).	F	F	F	F	
CCC 2.17	Coordinate and control naval beach group and landing operations.	F	F	F	F	
CCC 2.18	Function as SUW commander for force or sector.	F	F	F	F	
CCC 2.21	Function strike warfare commander for group, naval/joint/combined force or sector.	F	F	F	F	
CCC 2.22	Function as information operations warfare commander or SG, naval/joint/combined force sector.	F	F	F	F	
CCC 2.25	Coordinate and direct shift of warfare commander and alternate warfare commander.	F	F	F	F	
CCC 2.26	Plan, coordinate, and direct shift of warfare commadere and alternate warfare commander responsibilities.	F	F	F	F	

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
CCC 2.31 Function as CJTF.	F	F	F	F	
CCC 2.32 Function as a JFMCC.	F	F	F	F	
CCC 2.34 Coordinate available force (e.g., U.S. Marine Corp (USMC), U.S. Army, special operations forces and coalition ground forces) in support of the ground commander.	F	F	F	F	
CCC 2.35 Perform CCC, and computers/battle management functions as assigned (e.g., request for fire, air direction of close air support performance of tactical air control airborne responsibilities, and coordination of NSFS.	F	F	F	F	
CCC 2.36 Deconflict supporting arms actions using schedule of events, and communications with other C2 platforms.	F	F	F	F	
CCC 2.37 Coordinate and direct are assets operating close to friendly forces to provide timely and effective support.	F	F	F	F	
CCC 3 PROVIDE OWN UNITS C2 FUNCTIONS.					
CCC 3.1 Maintain a CIC or command display center capable of collecting, processing, displaying, evaluating and disseminating tactical information.	F	F	F	F	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
CCC 3.3	Provide all personnel, services, programs and facilities to safeguard classified material and information.	F	F	F	F	N
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently. CIVMAR Note: CIVMAR support of emergency destruction as directed by commanding officer (CO). III, IV, V(L) - Plan and train.	F	L	L	L	P
CCC 3.5	Employ identification friend or foes (IFF)/selective identification feature including secure IFF mode 4. V(L) - Plan and train.	F	F	F	L	N
CCC 3.6	Coordinate and control the operation of remotely piloted vehicles.	F	F	F	F	
CCC 3.7	Maintain a CIC or CDC capable of supporting a tactical action officer (TAO). USN Note: Though CIC capabilities are minimal, critical and exclusive nature of the platform and supported command mandate immediate tactical self-defense and maneuvering decisions by a TAO-qualified watch officer.	F	F	F	F	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 3.11 Establish voice communications with supported forces.</p> <p>V(L) - Plan and train.</p>	F	F	F	L	N
<p>CCC 3.12 Repair own unit's CCC equipment.</p>	F	F	F	F	
<p>CCC 3.13 Maintain a tactical flag command center capable of collecting, processing, displaying, evaluating, and disseminating tactical information.</p> <p>USN Note: Maintain a joint operations command and embarked commanders operating areas.</p> <p>I, III, IV, V(L) - Ship provides facility and maintenance of designated equipment. Embarked staff and augmentees provide watch standers and administration.</p>	L	L	L	L	N
<p>CCC 3.14 Employ IFF mode 5 and mode S.</p>	F	F	F	F	
<p>CCC 4 MAINTAIN NAVY TACTICAL DATA SYSTEM OR DATA LINK CAPABILITY.</p>					
<p>CCC 4.3 Transmit/receive and support Link 11.</p> <p>I, III, IV, V(L) - Provide and maintain capability for CJTF/embarked staff and/or component commander use. Ship situational awareness only.</p>	L	L	L	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
CCC 4.5	<p>Receive and process data link information from satellite communications (SATCOM).</p> <p>I, III, IV, V(L) - Provide and maintain capability for CJTF/embarked staff and/or component commander use. Ship situational awareness only.</p>	L	L	L	L	N
CCC 4.6	<p>Receive and process data link information from high frequency (HF) systems.</p> <p>I, III, IV, V(L) - Provide and maintain capability for CJTF/embarked staff and/or component commander use. Ship situational awareness only.</p>	L	L	L	L	N
CCC 4.9	<p>Transmit/receive and support Link 16 surveillance, navigation and identification circuits.</p> <p>I, III, IV, V(L) - Provide and maintain capability for CJTF/embarked staff and/or component commander use. Ship situational awareness only.</p>	L	L	L	L	N
CCC 4.11	<p>Receive data link tracks from airborne AW aircraft.</p> <p>I, III, IV, V(L) - Provide and maintain capability for CJTF/embarked staff and/or component commander use. Ship situational awareness only.</p>	L	L	L	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 4.13 Transmit/receive data via joint maritime command information system.</p> <p>USN Note: Applies to Global Command and Control System - Maritime (GCCS-M). Provide and maintain capability for embarked staff's use for all readiness conditions.</p> <p>V(L) - Plan and train.</p>	F	F	F	L	N
CCC 6 PROVIDE COMMUNICATIONS FOR OWN UNIT.					
<p>CCC 6.1 Maintain tactical voice communications.</p> <p>CIVMAR Note: CIVMAR guard required voice communications on bridge.</p> <p>V(L) - Routine administrative signals.</p>	F	F	F	L	P
<p>CCC 6.2 Maintain visual communications.</p> <p>V(L) - Routine administrative signals.</p>	F	F	F	L	
<p>CCC 6.3 Maintain multichannel cryptographically covered teletype/data receive circuits.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
CCC 6.5	Maintain full duplex, cryptographically covered HF teletype/data circuits (simplex for submarines and patrol combatants). V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.	F	F	F	L	N
CCC 6.6	Process messages. V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level. Embarked staff will internally process their own message traffic.	F	F	F	L	N
CCC 6.8	Maintain automatic relay communications. V(L) - Plan and train.	F	F	F	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 6.10 Maintain voice/teletype/computer data cryptographically covered satellite communication circuits.</p> <p>Note: Includes tactical, secure, anti-jam ultra extremely high frequency voice communications; tactical, secure, anti-jam super high frequency (SHF) voice and data communications; and sub-systems that use the SHF bandwidth as a primary communications path.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 6.11 Establish and maintain fixed combat communications and relay support for NSW operations.</p> <p>V(L) - Plan and train.</p>	F	F	F	L	N
<p>CCC 6.12 Maintain internal communications systems.</p> <p>CIVMAR Note: Provide supply and repair parts support.</p>	F	F	F	F	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 6.13 Maintain capability for low probability of intercept (LPI) HF communications.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 6.14 Maintain capability for LPI SATCOM.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 6.15 Maintain frequency database.</p> <p>USN Note: Embarked staff provides force frequency manager watch.</p>	F	F	F	F	N
<p>CCC 6.16 Provide tactical, secure, anti-jam ultra-high frequency voice communications.</p> <p>V(L) - Provide capability to staff.</p>	F	F	F	L	N
<p>CCC 6.17 Provide tactical, secure, antijam very-high frequency voice communications.</p> <p>V(L) - Plan and train.</p>	F	F	F	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 6.19 Provide tactical, secure voice or data communications.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 6.20 Provide internal ship signal exploitation system communications system.</p> <p>I, III, IV, V(L) - Provide space only.</p>	L	L	L	L	N
<p>CCC 6.24 Maintain common user digital information exchange system (CUDIXS)/NAVMACS communications.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 6.26 Maintain tactical intelligence (TACINTEL) communications.</p> <p>I, III, IV, V(L) - Staff maintains the TACINTEL communications watch. ships equipment support limited to logistics/parts only.</p>	L	L	L	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
CCC 6.27 Provide battle group information exchange subsystem. V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.	F	F	F	L	N
CCC 6.29 Maintain the commercial wideband SATCOM systems and support system.	F	F	F	F	
CCC 6.30 Miantain information system backbone.	F	F	F	F	
CCC 9 RELAY COMMUNICATIONS.					
CCC 9.3 Relay electronic communications. V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.	F	F	F	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 10 PROVIDE SPECIAL COMMUNICATIONS.</p> <p>Note: Includes secure streamlined automated logistics transmission system communications; global satellite television; VTC; and unclassified logistics data transfer capabilities such as global transportation network, joint total asset visibility (JTAV), and other special logistics data programs.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 12 MAINTAIN CAPABILITY TO SUPER ENCRYPT CRYPTOGRAPHICALLY COVERED COMMUNICATIONS CIRCUITS.</p>	F	F	F	F	N
<p>CCC 13 PROVIDE COMMUNICATIONS SUPPORT FOR SHORE BASED, SURFACE, SUBMARINE, AND AIR UNITS.</p>					
<p>CCC 13.1 Provide surface/submarine primary ship/shore circuit(s).</p> <p>USN Note: Surface units only.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 13.2 Provide air/surface single channel ship/shore termination via serial tone modem.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.3 Provide surface multichannel ship/shore termination.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.6 Key/re-key surface multichannel broadcast.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.7 Key/re-key air/surface single channel broadcast (HF, or satellite).</p> <p>Note: Not LF capable.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 13.8 Re-key air/surface/submarine composite/general broadcast.</p> <p>Note: Surface only.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.12 Provide harbor common voice net support.</p>				F	N
<p>CCC 13.13 Provide SAT high communication voice net support.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.16 Provide link 11 support.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.19 Provide officer in tactical command information exchange system support.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 13.22 Provide SAR communications support.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.24 Provide CUDIXS support.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.27 Provide electronic message delivery.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.33 Key/re-key NATO broadcast.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.34 Key/re-key NATO weather broadcast.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 13.37 Provide TACINTEL support.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 13.40 Provide TADIXS support.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 14 PROVIDE DEFENSE INFORMATION INFRASTRUCTURE (DII) SYSTEM CONNECTIVITY/CIRCUITRY.</p>					
<p>CCC 14.1 Maintain DII point-to-point circuit(s).</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 14.2 Maintain DII point-to-point trunk(s).</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N
<p>CCC 14.3 Provide DII HF entry.</p> <p>V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.</p>	F	F	F	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
CCC 14.4 Provide DII defense switched network entry.	F	F	F	F	N
CCC 14.7 Maintain DII order wires. V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.	F	F	F	L	N
CCC 14.11 Provide defense information systems network entry. V(L) - Maintain a communications watch sufficient to support the embarked staff at their readiness state III level.	F	F	F	L	N
CCC 17 FUNCTION AS JOINT FORCE AIR COMPONENT COMMANDER (JFACC) .					
CCC 17.1 Function as JFACC afloat. I, III, IV, V(L) - Provide facility and maintain equipment. Staffs provide administration, watch standers and systems management.	L	L	L	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>CCC 18 DEVELOP, COORDINATE AND CONTROL COMMUNICATIONS PLANS FOR INTEGRATED GROUP COMMUNICATIONS AMONG WARFARE COMMANDERS AND/OR NAVAL, COMBINED, OR JOINT FORCES.</p> <p>Note: Maintain internal system networks to include general service, LAN, GCCS-M, SIPRNET, NIPRNET/USN/USMC internet and e-mail servers (classified and unclassified) with internet access.</p> <p>I, III, IV, V(L) - Host provides equipment maintenance. For systems shared by staff/host, host provides system's admin and each provides own operators at respective sites. For staff-exclusive systems, staff provides system's admin and operators.</p>	L	L	L	L	N
<p>CCC 19 REPAIR OWN UNITS CCC EQUIPMENT.</p> <p>USN Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>CIVMAR Note: Provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician</p>	L	F	F	F	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>in each space.</p>					
<p>CCC 20 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNITS CCC CAPABILITIES.</p> <p>CIVMAR Note: CIVMAR provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man CSOSS watch organization with CSOOW/ combat systems maintenance supervisor and electronics support supervisor.</p> <p>V(L) - Plan and train.</p>	L	L	L	L	P
<p>FORCE HEALTH PROTECTION (FHP)</p>					
<p>FHP 1 PROVIDE AMBULATORY HEALTH CARE TO ASSIGNED AND EMBARKED PERSONNEL.</p>					
<p>FHP 1.1 Provide routine, acute, and ambulatory health services to individuals in an afloat or field environment:</p> <p>(a) Independent duty corpsman (IDC).</p> <p>(b) Family physician.</p> <p>Note: When C6F staff or joint task force (JTF)/ JFMCC) staffed not embarked.</p>					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 1.2	<p>Conduct periodic physical examinations:</p> <p>(a) IDC. (b) Family physician.</p> <p>Note: When C6F staff or JTF/JFMCC staffed not embarked.</p>	F	F	F	F	
FHP 1.3	<p>Conduct on-site emergency medical treatment during hazardous evolutions including flight quarters, underway replenishment refueling and amphibious assault boat operations.</p>	F	F	F		
FHP 1.4	<p>Provide medical care, triage and resuscitation commensurate with credentialed health care provider:</p> <p>(a) Family physician. (b) IDC. (zz) Other -augment with general surgeon and anesthesiologist.</p> <p>Note: When C6F staff or JTF/JFMCC staffed not embarked.</p> <p>Note: When tasked provide specialist care for emergent resuscitative surgery.</p>	F	F	F	F	
FHP 2	PROVIDE SURGICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 2.1	<p>Provide emergent and elective surgical services in an afloat or field environment:</p> <p>(a) Family physician.</p> <p>Note: When tasked provide specialist care for emergency resuscitation surgery with:</p> <p>(zz) Other augment with general surgeon and anesthesiologist.</p>	F	F	F	F	
FHP 3 PROVIDE INPATIENT CARE TO ASSIGNED AND EMBARKED PERSONNEL.						
FHP 3.1	<p>Provide inpatient services in an afloat or field environment:</p> <p>(a) Family physician. (b) IDC. (zz) Other -augment with general surgeon, and anesthesiologist.</p> <p>Note: When C6F staff or JTF/JFMCC staff not embarked.</p> <p>Note: When tasked provide specialist care for emergency resuscitative surgery.</p>	F	F	F	F	

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>FHP 3.2 Conduct basic ward care in an afloat or field environment:</p> <p>(a) Family physician. (b) IDC. (zz) Other -augment with general surgeon, and anesthesiologist.</p> <p>Note: When tasked provide specialist care for emergency resuscitative surgery.</p>	F	F	F	F	
<p>FHP 3.3 Provide hospital beds in an afloat or field environment:</p> <p>(a) Intensive care unit (ICU). (b) Quiet room. (c) Ward. (zz) Other augment with general surgeon, an anesthesiologist.</p> <p>Note: When tasked provide specialist care for emergency resuscitative surgery.</p>	F	F	F	F	
<p>FHP 3.4 Provide suitable care for the dead in afloat or field environment.</p>	F	F	F	F	

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 3.5	<p>Provide administrative/logic support to augmented nursing services personnel and their associated equipment:</p> <p>(zz) Other augment with general surgeon, and anesthesiologist.</p> <p>Note: When tasked in support of specialist care for emergency resurrective surgery.</p>	F	F	F	F	
FHP 4 PROVIDE ANCILLARY SERVICES TO ASSIGNED AND EMBARKED PERSONNEL.						
FHP 4.1	<p>Conduct laboratory services in an afloat or field environment:</p> <p>(a) IDC. (b) Laboratory technician.</p> <p>Note: When C6F staff or JTF/JFMCC staffed not embarked.</p>	F	F	F	F	
FHP 4.2	<p>Provide fresh/frozen blood bank capabilities in an afloat or field environment:</p> <p>(a) Laboratory technician. (zz) Other-augment with general surgeon, and anesthesiologist.</p> <p>I,III,IV,V(L) - When tasked provide fresh blood banking in support of specialist care for resuscitative surgery.</p>	L	L	L	L	

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 4.3	<p>Conduct pharmacy services in an afloat or field environment:</p> <p>(a) IDC. (b) Pharmacy technician.</p> <p>Note: When C6F staff or JTF/JFMCC staff not embarked.</p>	F	F	F	F	
FHP 4.4	<p>Conduct radiological services in an afloat or field environment:</p> <p>(a) X-ray technician.</p> <p>Note: When C6F staff or JTF/JFMCC staffed not embarked.</p>	F	F	F	F	
FHP 5 PROVIDE PREVENTATIVE MEDICINE/FIELD SANITATION SERVICES TO ASSIGNED AND EMBARKED PERSONNEL.						
FHP 5.1	<p>Conduct sanitation and safety inspection in an afloat or field environment.</p>	F	F	F	F	S
FHP 5.2	<p>Conduct occupational health/safety and preventive medicine programs and training:</p> <p>(zz) Other (MSC MSO).</p>	F	F	F	F	S
FHP 5.3	<p>Conduct disease and vector control planning and operations in an afloat or field environment</p> <p>(zz) Other (MSC MSO).</p>	F	F	F	F	S
FHP 6 PROVIDE SPECIALIZED MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.						

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 6.3	<p>Provide obstetrics and gynecological medical care in an afloat or field environment:</p> <p>(a) IDC. (b) Family physician.</p> <p>Note: When C6F staff or JTF/JFMCC staff not embarked.</p>	F	F	F	F	
FHP 6.4	<p>Provide specialized medical care commensurate with health care provider credentials in an afloat or field environment.</p> <p>(a) IDC. (b) Family physician.</p> <p>Note: When C6F staff or JTF/JFMCC staff not embarked</p>	F	F	F	F	
FHP 7	PROVIDE OPERATING ROOMS AFLOAT OR FIELD ENVIRONMENT.					
FHP 7.1	<p>Provide central sterile supply service functions.</p> <p>Note: Provide spaces equipment and supplies in support of surgical team augment when tasked to provide resuscitative surgery.</p>	F	F	F	F	

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 7.2	Identify equip and maintain suitable operating room(s) for use by the following personnel (a) General surgeon. Note: When tasked to provide level 2 resuscitative surgery with surgical team augment.	F	F	F	F	
FHP 8	PROVIDE MEDICAL ADMINISTRATIVE SERVICES IN AN AFLOAT OR FIELD ENVIRONMENT.					
FHP 8.1	Conduct associated administrative - maintenance services: (a) Provide support to assigned and embarked medical staff. (b) Provide patient/casualty administrative services. (c) Provide patient/casualty administrative services. (d) Perform routine medical administrative services.	F	F	F	F	
FHP 8.2	Conduct medical surveillance.	F	F	F	F	
FHP 8.3	Perform operational reporting.	F	F	F	F	
FHP 8.4	Perform pre and post deployment assessments on assigned and embarked personnel.	F	F	F	F	

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 8.5	Perform medical logistics: (a) Procure, issue manage, resupply, and dispose of medical supplies (class VIIIA and class VIIIB). (b) Coordinate of patient movement items per theater policy.	F	F	F	F	
FHP 8.6	Identify, equip, and maintain suitable spaces to provide medical care.	F	F	F	F	
FHP 8.7	Identify, equip, and maintain adequate storage spaces for medical equipment and medical supplies.	F	F	F	F	
FHP 9 PROVIDE FIRST AID ASSISTANCE.						
FHP 9.1	Identify, equip, and maintain appropriate first aid spaces.	F	F	F	F	
FHP 9.2	Train assigned and embarked personnel in first aid, self, and buddy aid procedures.	F	F	F	F	
FHP 9.3	Train stretcher bearers.	F	F	F	F	
FHP 10 PROVIDE TRIAGE OF CASUALTIES/PATIENTS.						
FHP 10.1	Identify, equip, and maintain suitable triage spaces.	F	F	F	F	
FHP 10.2	Train assigned and embarked personnel in triage care.	F	F	F	F	

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
FHP 10.3 Provide administrative and logistic support to augmentation personnel and their associated equipment that are assigned to triage and chemical, biological, and radiological (CBR) decontamination stations.	F	F	F	F	
FHP 10.4 Train designated non-medical personnel to assist in triage management care for CBR contamination casualties.	F	F	F	F	
FHP 10.5 Train designated non-medical personnel in CBR casualty decontaminated procedures.	F	F	F	F	
FHP 10.6 Train designated supervisory medical personnel in oversight procedures during CBR casualty decontamination.	F	F	F	F	
FHP 10.7 Provide medical treatment for CBR casualties.	F	F	F	F	
FHP 11 PROVIDE MEDICAL/SURGICAL TREATMENT FOR CASUALTIES/PATIENTS.					
FHP 11.1 Identify, equip, and maintain suitable resuscitation.	F	F	F	F	
FHP 11.2 Train assigned and embarked personnel in resuscitation.	F	F	F	F	
FHP 11.3 Provide administrative support to resuscitation trained augmented personnel and their associated equipment.	F	F	F	F	

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>FHP 11.4 Identify, equip, and maintain adequate medical supply storage spaces for appropriate level of resuscitation.</p>	F	F	F	F	
<p>FHP 11.5 Identify, equip, and maintain suitable spaces for emergency minor surgery.</p>	F	F	F	F	
<p>FHP 11.7 Identify equip, and maintain suitable procedure space for emergency response, stabilization and casualty transfer.</p> <p>Note: When tasked support specialist care for emergency resuscitative surgery.</p> <p>(zz) Other - augment with general surgeon, and anesthesiologist.</p>	F	F	F	F	
<p>FHP 11.8 Provide emergency response, stabilization and transfer by specialization and transfer by specialized teams of physicians, nurses, and technicians.</p> <p>I,III,IV, V(L) - Provide space, equipment and supplies to support Level 2 or role 2 surgical resuscitation. Requires surgical team augment.</p>	L	L	L	L	
<p>FHP 12 PROVIDE MEDICAL, SURGICAL, POST-OPERATIVE AND NURSING CARE FOR CASUALTIES/PATIENTS.</p>					

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>FHP 12.1 Provide inpatient services for casualties/patients in an afloat or field environment:</p> <p>(a) IDC. (b) Nurse corps officer. (c) Family physician.</p> <p>Note: When tasked provided emergency resuscitative surgery.</p> <p>Note: When C6F staff or JTF/JMFCC staff not embarked.</p>	F	F	F	F	
<p>FHP 12.3 Provide hospital beds for casualties/patients in an afloat or field environment:</p> <p>(a) Intensive care. (b) Recovery. (c) Quiet room. (d) Ward.</p> <p>Note: When tasked to provide emergency resuscitative surgery.</p>	F	F	F	F	
<p>FHP 12.4 Provide suitable care for the dead in an afloat or field environment.</p>	F	F	F	F	
<p>FHP 12.5 Provide administrative logistic support to augmented nursing services personnel and their associated equipment.</p> <p>Note: When tasked in support of specialist care for emergency resuscitative surgery.</p>	F	F	F	F	

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 13 PROVIDE MEDICAL REGULATION, TRANSPORT/EVACUATION AND RECEIPT OF CASUALTIES/PATIENTS.						
FHP 13.1	Provide appropriate equipment to conduct medical evacuation (MEDEVAC).	F	F	F	F	
FHP 13.2	Train assigned and embarked personnel in medical regulation procedures.	F	F	F	F	
FHP 13.3	Provide administrative and logistic support to augmented medical regulation personnel and their associated equipment.	F	F	F	F	
FHP 13.4	Transport and/or provide for casualty/patient evacuation.	F	F	F	F	
FHP 13.5	Train assigned and embarked personnel in MEDEVAC procedures.	F	F	F	F	
FHP 13.6	Receive casualties/patients via surface and/or air.	F	F	F	F	
FHP 13.10	Provide aereo medical evacuation of casualties/patients.	F	F	F	F	
FHP 14 PROVIDE FORCE HEALTH ASSESSMENTS AND PREVENTION FOR ASSIGNED AND EMBARKED PERSONNEL.						
FHP 14.1	Conduct health and risk communications for health threats identified.					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 14.2	Conduct health threat assessments for CBR and environmental hazards, and toxic industrial chemical, and detect and assess exposures during deployments. (a) MSC/MSO.	F	F	F	F	
FHP 14.3	Conduct health threat assessments for habitability, food, water and sanitation. Note: Performed by MSC CIVMAR MSO.	F	F	F	F	
FHP 14.4	Conduct assessment of occupational health, safety, and preventive medicine programs. Note: Performed by MSC CIVMAR MSO.	F	F	F	F	
FHP 14.5	Conduct threat assessments for disease vectors.	F	F	F	F	
FHP 14.6	Conduct operations to prevent or reduce the threat of vector borne diseases.	F	F	F	F	
FHP 14.8	Provide for safe and appropriate medical waste collection.	F	F	F	F	
FHP 15 PROVIDE ROUTINE AND EMERGENCY DENTAL CARE.						

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 15.1	Conduct dental sick call. (a) IDC. Note: When C6F staff or JTF/JFMCC staff not embarked.	F	F	F	F	
FHP 15.2	Conduct dental examinations. (a) IDC. Note: When C6F staff or JTF/JFMCC staff not embarked.	F	F	F	F	
FHP 15.3	Conduct a preventive dentistry program including oral prophylaxis and topical fluoride application. Note: When C6F staff or JTF/JFMCC staff not embarked.	F	F	F	F	
FHP 15.4	Identify, equip, and maintain suitable spaces to conduct dental care.	F	F	F	F	
FHP 15.5	Identify, equip, and maintain adequate storage spaces for dental equipment and supplies.	F	F	F	F	
FHP 15.6	Provide central dental sterile supply services.	F	F	F	F	
FHP 15.7	Conduct dental radiographic services: (a) Intra-oral capability.	F	F	F	F	
FHP 21 AUGMENT ASSIGNED AND EMBARKED MEDICAL PERSONNEL.						

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 21.1	Augment medical personnel by providing first aid assistance.	F	F	F	F	
FHP 21.3	Augment medical personnel by providing resuscitation and stabilization assistance.	F	F	F	F	
FHP 36 PROVIDE MEDICAL/DENTAL SUPPORT SERVICES TO OTHER UNITS/MILITARY SERVICES.						
FHP 36.4	Plan, coordinate, and direct theater/assigned AO medical, logistics and operational service. Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.	F	F	F	F	
FHP 36.5	Establish a fleet blood program office. Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.	F	F	F	F	
FHP 36.6	Establish a fleet regulating office. Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.	F	F	F	F	

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 36.7	<p>Establish an aero medical evacuation liaison team.</p> <p>Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.</p>	F	F	F	F	
FHP 36.8	<p>Assess, coordinate and disseminate medical intelligence preventive medicine information to the theater/assigned AO including civilian populations contiguous to AO forces or in likely operating areas.</p> <p>Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.</p>	F	F	F	F	
FHP 36.9	<p>Review and/or develop memorandums of understanding, national policies, and international agreements for medical hospital corpsman (HM) support.</p> <p>Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.</p>	F	F	F	F	
FHP 36.11	<p>Prepare and review the medical health/safety and preventive medicine programs and training.</p> <p>(zz) Other (MSC CIVMAR MSO).</p>	F	F	F	F	

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 36.12	Analyze medical readiness of components. Coordinate units' participation in exercises. Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.	F	F	F	F	
FHP 36.13	Provides guidance and coordinates input on the medical portion of the military construction program. Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.	F	F	F	F	
FHP 36.14	Provide liaison with selected host nation (HN) to ensure proper control of U.S. patients and coordinate use of HN resources. Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.	F	F	F	F	
FHP 36.15	Perform mental health assessment of fleet and civilian populations. Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.	F	F	F	F	

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FHP 36.16	Provide joint medical services, including crisis action medical planning. Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.	F	F	F	F	
FHP 36.17	Provide joint medical services including: (a) Crisis action medical planning. (b) Manage joint medical operations center. (c) Manage joint preventive medicine. (d) Manage joint blood program office. (e) Manage joint medical regulating office (f) Manage joint veterinary services response cell. (g) Manage joint medical logistics response cell Note: Function performed by embarked force surgeon and staff or JTF/JFMCC surgeon and staff.	F	F	F	F	
FLEET SUPPORT OPERATIONS (FSO)						
FSO 1 REPAIR AND OVERHAUL SHIPS, AIRCRAFT AND ASSOCIATED EQUIPMENT.						
FSO 1.1	Provide the following services: (o) Printing. (p) Metalphoto.		L/E	L/E	L/E	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>(q) Photography (including underwater photography, underwater color video tape photography).</p> <p>(v) Drafting.</p> <p>(zz) Other: Computer imagery.</p> <p>III, IV, V(L) - Provide facility only. Staffs provide administration, equipment, operation, and systems maintenance. No underwater photographic capability.</p>					
<p>FSO 3 PROVIDE SUPPORT SERVICES TO OTHER UNITS.</p>					

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>FSO 3.1 Provide the following services to other units:</p> <ul style="list-style-type: none"> (a) Administrative service. (c) Disbursing. (h) Ship store. (i) Laundry (MSC). (n) Telephone services. (z) Wardroom mess services (MSC). (aa) Enlisted mess services (MSC). (ac) Hazardous material process services (MSC). (ae) Postal services. (af) Maintain exceptional preservation and cleanliness of flag and VIP topside and interior spaces on command ships (MSC). (ag) Maintain preservation and cleanliness of spaces earmarked for embarked personnel. (ah) Perform preventive and corrective maintenance on staff and staff cognizant equipment. (zz) Other: Computer imagery. 		L	L	L	P
<p>III, IV, V(L) - Capable of providing limited services to embarked staff, augmentees, reserves and detachments, and limited services to units in company on an emergency basis. See division of responsibilities in the POE, enclosure (1).</p>					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FSO 3.3	Support aircraft (when assigned). Note: Helicopters only. Requires embarkation of helicopter detachment to provide supply support and perform maintenance. Requires embarkation of portable hangar. CIVMAR Note: Conduct flight deck operations and provide hospitality support to embarked detachment.	F\E	F\E	F\E	F\E	P
FSO 5	CONDUCT TOWING/SEARCH/SALVAGE/RESCUE OPERATIONS.					
FSO 5.1	Conduct towing operations.	F/E	F/E	F/E		S
FSO 6	SUPPORT/CONDUCT SAR OPERATIONS IN A COMBAT/NONCOMBAT ENVIRONMENT.					
FSO 6.1	Support/conduct combat/noncombat SAR operations by fixed or rotary wing aircraft. USN Note: During condition I, stand down other watch stations to man flight deck, rescue boat detail and crash and salvage detail. During condition III, flight deck operations workload is collected as own unit support. CIVMAR Note: CIVMAR provide flight deck and rescue boat detail personnel and support crash and salvage detail as assigned by CO.	F/E	F/E	F/E		P

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
FSO 6.2	<p>Conduct combat/noncombat SAR operations by surface ships.</p> <p>CIVMAR Note: Provide flight deck rescue boat detail personal and support crash and salvage detail as assigned by CO.</p>	F	F	F		P
FSO 6.4	<p>Recover man overboard.</p> <p>USN Note: During condition I, search and recovery requires augmentation by securing other battle stations. During condition III, search and recovery requires augmentation from off-watch personnel.</p> <p>CIVMAR Note: Provide flight deck rescue boat detail personal and support crash and salvage detail as assigned by CO.</p>	F/E	F/E	F/E	F	P
FSO 6.6	<p>Conduct search and rescue operations (including operations involving submarine disasters/rescues).</p> <p>USN Note: Surfaced submarine only. During condition I, search and recovery requires augmentation by securing other battle stations. During condition III, search and recovery requires augmentation from off-watch personnel.</p>	F/E	F/E	F/E		P

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
	CIVMAR Note: Provide flight deck rescue boat detail personal and support crash and salvage detail as assigned by CO.					
FSO 6.9	Report situation assessment.	F	F	F		N
FSO 6.10	Coordinate SAR operations.	F	F	F		N
FSO 6.11	Conduct multi-unit SAR operations.	F	F	F		P
	Note: CIVMAR conduct flight operations and rescue boat operations.					
FSO 8	COORDINATE PORT CONTROL FUNCTIONS UNDER EMERGENCY CONDITIONS.					
FSO 8.1	Provide organic portable communications equipment and facilities for establishing ship-to-shore local area tactical communications.				F	N
FSO 8.2	Provide personnel qualified to contract for hire and charter of port services including pilotage, barges, tugs and indigenous labor.					S
FSO 9	DELETED. CAPABILITIES CONTAINED IN FHP 23.					
FSO 9.1	Relocated to FHP 23.1.		F	F	F	
FSO 9.3	Relocated to FHP 23.3.		F	F	F	
FSO 9.4	Relocated to FHP 23.4.	L	L	L	L	P
FSO 9.5	Relocated to FHP 23.5.					S
FSO 9.9	Relocated to FHP 23.9.					
FSO 9.10	Relocated to FHP 23.10.		F	F	F	P
FSO 9.17	Relocated to FHP 23.17.	F	F	F	F	

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
FSO 9.18 Relocated to FHP 23.18	F	F	F	F	P
FSO 9.19 Relocated to FHP 23.19.	F	F	F	L	P
FSO 9.20 Relocated to FHP 23.20		F	F	F	P
FSO 10 DELETED. CAPABILITIES CONTAINED IN FHP 24.					
FSO 10.1 Relocated to FHP 24.1.	F	F	F	F	P
FSO 10.2 Relocated to FHP 24.2.		F	F	F	P
FSO 10.3 Relocated to FHP 24.3.		F	F	F	P
FSO 11 DELETED. CAPABILITIES CONTAINED IN FHP 25.					
FSO 11.1 Relocated to FHP 25.1.	F	F	F	F	P
FSO 11.2 Relocated to FHP 25.2.		F	F	F	P
FSO 11.3 Relocated to FHP 25.3.		F	F	F	P
FSO 12 DELETED. CAPABILITIES CONTAINED IN FHP 26.					
FSO 12.1 Relocated to FHP 26.1.	F	F	F	F	P
FSO 12.2 Relocated to FHP 26.2.		F	F	F	P
FSO 12.3 Relocated to FHP 26.3.		F	F	F	P
FSO 12.5 Relocated to FHP 26.5.	F	F	F		P
FSO 13 DELETED. CAPABILITIES CONTAINED IN FHP 27.					
FSO 13.3 Relocated to FHP 27.3.	L	L	L	L	P
FSO 13.6 Relocated to FHP 27.6.	L	L	L	L	P
FSO 20 PROVIDE FLEET TRAINING SERVICES.					
FSO 20.6 Act as delivery or receiving ship for underway replenishment training.					S

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>FSO 20.14 Provide amphibious assault training for fleet Marine force units.</p> <p>CIVMAR Note: CIVMAR provide hospitality support of embarked personnel per table of inter-activity responsibilities.</p> <p>III(L) - Provide facilities, equipment maintenance (for ship and shared equipment) and hospitality services for CATF-MEF, CLF and direct support staffs only. Reconfigure the permanent C4I suite to meet the amphibious operation profile.</p> <p>IV, V(L) - Plan and train.</p>		L	L	L	P
<p>FSO 20.65 Plan, coordinate, and conduct major fleet exercises with combined/joint forces.</p> <p>I, III, IV, V(L) - Participate and provide appropriate support to the embarked commander/staff.</p>	L	L	L	L	N
<p>FSO 20.66 Plan, coordinate, and conduct combat systems training exercises.</p> <p>I, III, IV, V(L) - Participate and provide appropriate support to the embarked commander/staff.</p>	L	L	L	L	N
<p>FSO 27 CONDUCT NAVIGATION STATION OPERATIONS.</p>					

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
FSO 27.1 Provide navigation data to ships and aircraft.					S
FSO 27.2 Serve as navigation station.					S
FSO 41 DELETED. CAPABILITIES CONTAINED IN FHP 35					
FSO 41.1 Relocated to FHP 35.1.	F	F	F	F	P
<p>FSO 51 REPAIR OWN UNITS FSO-RELATED EQUIPMENT.</p> <p>USN Note: During condition III, full capability provided by on-call/off-watch personnel. CIVMAR provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.</p>	L	F	F	F	P
<p>FSO 55 MAINTAIN READINESS BY PROVIDING FOR TRAINING OF OWN UNITS PERSONNEL.</p> <p>CIVMAR Note: CIVMAR provide training per table of inter-activity responsibilities and signed memorandum of agreement (MOA).</p>		F	F	F	P
<p>INTELLIGENCE</p> <p>Note: Provide intelligence facilities for a joint/CJTF and embarked/component commanders, designated NATO commanders and staffs.</p>					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
INT 1	SUPPORT/CONDUCT INTELLIGENCE COLLECTION.					
	USN Note: Provide support for CJTF and embarked/component commanders.					
INT 1.1	Support/conduct electronic intelligence information collection. V(L) - Plan and train.	F	F/A	F/A	L	N
INT 1.3	Support/conduct imagery intelligence information collection. V(L) - Plan and train.	F	F/A	F/A	L	N
INT 1.5	Support/conduct radar intelligence information collection. V(L) - Plan and train.	F	F/A	F/A	L	N
INT 1.6	Conduct electro-optical intelligence collection at short and long with onboard sensors.					
INT 1.8	Collect or capture selected material or personnel for intelligence exploitation.					
INT 1.9	Collect signals intelligence					
INT 1.10	Gather intelligence in restricted and shallow water areas relating to disposition and movement of enemy fleet units and ground units.					
INT 1.11	Maintain radar scope photography capability. V(L) - Plan and train.	F	F	F	L	N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
INT 1.12 Collect human intelligence information.					
INT 1.19 Track updated national high interest shipping list and the office of naval intelligence's vessel on interest list.					
INT 1.21 Conduct open source intelligence.					
INT 2 PROVIDE INTELLIGENCE.					
INT 2.1 Maintain intelligence summary pilots on air, surface and subsurface activities. V(L) - Plan and train.	F	F	F	L	N
INT 2.2 Evaluate and disseminate intelligence information. V(L) - Plan and train.	F	F	F	L	N
INT 2.4 Establish and maintain access to naval and national intelligence sources.	F	F	F	F	N
INT 2.6 Produce intelligence information reports from all processed images as required by the fleet intelligence collection manual for further dissemination for fleet and national agencies. Disseminate reports, hard and soft copy and accompanying images.					
INT 2.9 Provide indication and warning intelligence.					
INT 2.10 Provide current order of battle (OOB).					

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
INT 2.11 Provide current coastal defense cruise missile and intergratd air defense OOB intelligence estimates.					
INT 2.13 Conduct all-source intelligence analysis.					
INT 2.16 Build and maintain tactical intelligence database to assist with correlating, analyzing and disseminating intelligence data support operational intelligence requirements.					
INT 2.21 Manintain analyst-to-analyst exchange with theater intelligence centers,units in company and national agencies for the rapid exchange of real time intelligence information.					
INT 2.23 Conduct secure tele-conferencing with theater intelligence centers and national agencies for the purpose of coordinating intelligence collection missions and exchange of intelligence and operational information.					
INT 6 CONDUCT SURFACE RECONNAISSANCE.					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
INT 6.7	Recognize by sight friendly and enemy aircraft, ships, submarines, and potential naval fire support targets which may be encountered in the expected operating areas. IV (L): Capability provided by bridge watch team and aft lookout. V (L): - Plan and train.	F	F	L	L	S
INT 8 INTELLIGENCE SURVEILLANCE AND RECONNAISSANCE INFORMATION.						
INT 8.3	Process intelligence information at the NATO secret level.					
INT 8.4	Process intelligence, surveillance and reconnaissance (ISR) information at a level releasable to coalition partners.					
INT 9 DISSEMNATE INTELLIGENCE SURVEILLANCE AND RECONNAISSANCE INFORMATION.						
INT 9.2	Disseminate intelligence information at the NATO secret level.					
INT 9.3	Disseminate ISR information at a level releasable to coalition partners.					
INT 10 OPERATE A CONTINGENCY PLANNING CELL TO SUPPORT FLEET COMMANDERS.						
	USN Note: Provide support for CJTF and embarked/component commanders.					

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>INT 10.1 Provide contingency operation support briefings to deploying/deployed naval forces.</p>		F	F	F	N
<p>INT 11 OPERATE A SPECIAL INTELLIGENCE COMMUNICATIONS (SPINTCOM) CENTER.</p> <p>I, III, IV, V(L) - Provide facility. Operate SPINTCOM. Operate communications equipment; maintain special intelligence LAN; perform maintenance and stand watch in support of ship. Embarked staff and augmentees will perform principal force-level intelligence functions.</p>	L	L	L	L	N
<p>INT 17 REPAIR OWN UNITS INTELLIGENCE-RELATED EQUIPMENT.</p> <p>USN Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>CIVMAR provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.</p>	L	F	F	F	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>INT 19 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNITS INT CAPABILITIES.</p> <p>USN/CIVMAR Note: Staff/augmentees will repair own equipment. CIVMAR provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man CSOSS watch organization with CSOOW/ combat systems maintenance supervisor and electronics support supervisor.</p> <p>V(L) - Plan and train.</p>	L	L	L	L	P
<p>INT 30 PROVIDE TARGETING SUPPORT.</p>					
<p>INT 30.1 Receive, process, and disseminate national, theater, and organic imagery.</p>					
<p>INT 30.2 Maintain an imaging product library.</p>					
<p>INT 30.3 Produce targeting materials for real - world and exercise strike operations, including electronic target folder.</p>					
<p>INT 30.4 Establish and run the joint targeting coordination board (JTCB).</p>					

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
INT 30.5 Ensure CJTF intentions are reflected in the joint integrated prioritized target list and the master attack plan.					
INT 30.6 Establish and operate the battle damage assessment cell.					
INT 30.7 Relocated to INT 8.5.					
INT 30.8 Validate targets with JTCB and battle watch.					
INT 31 PROVIDE INTELLIGENCE INFORMATION SYSTEMS SUPPORT.					
INT 31.1 Manage the intelligence information systems architecture configuration; facilitate the integration of a new intelligence information systems hardware and/or software into the architecture.					
INT 31.2 Provide support for the operation of automated imagery systems.					
INT 31.3 Provide support for the operation of all the ship's signals exploitation equipment, combat direction finder systems and cooperative outboard logistics update.					
INT 31.4 Provide support for the operation of SCI network.					
INT 31.5 Provide support for the operation of the generic area limitation.					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
COMMAND AND CONTROL WARFARE AND INFORMATION WARFARE (IW)						
IO 1 CONDUCT ELECTRONIC WARFARE SUPPORT OPERATIONS.						
IO 1.1	Search for and intercept electromagnetic and directed energy signals and emissions. V(L) - Plan and train.	F	F	F	L	N
IO 1.2	Identify C2 and weapons systems' signals. IV, V(L) - Plan and train.	F	F	L	L	N
IO 1.3	Identify threat platforms' communications and weapons signal sources. IV, V(L) - Plan and train.	F	F	L	L	N
IO 1.4	Provide location or targeting information of threat weapons/C2/platforms/signal sources. IV, V(L) - Plan and train.	F	F	L	L	N
IO 1.5	Provide timely threat alert for actions involving electronic attack, electronic protect, emission control (EMCON), avoidance, deception and targeting. IV, V(L) - Plan and train.	F	F	L	L	N
IO 1.6	Conduct ES for self-defense. IV, V(L) - Plan and train.	F	F	L	L	N
IO 2 CONDUCT ELECTRONIC ATTACK OPERATIONS.						

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
IO 2.2	Conduct electronic jamming of target acquisition/target tracking/fire control/missile seeker radars. IV, V(L) - Plan and train.	F	F	L	L	N
IO 2.6	Conduct electronic deception of surface search radars. IV, V(L) - Plan and train.	F	F	L	L	N
IO 2.7	Conduct electronic deception of target acquisition/target tracking/fire control/missile seeker radars. IV, V(L) - Plan and train.	F	F	L	L	N
IO 3	CONDUCT ELECTRONIC PROTECTION OPERATIONS.					
IO 3.1	Detect, identify, and protect against electronic jamming of electromagnetic controlled and/or dependent systems. IV, V(L) - Plan and train.	F	F	L	L	N
IO 3.2	Detect, identify and protect against electronic deception of electromagnetic controlled and/or dependent systems. IV, V(L) - Plan and train.	F	F	L	L	N
IO 4	PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
IO 4.1	Implement appropriate/directed electromagnetic/acoustic EMCON condition. CIVMAR Note: CIVMAR responsible for navigation systems.	F	F	F	F	N
IO 4.2	Transition rapidly from one EMCON condition to another. CIVMAR Note: CIVMAR responsible for navigation systems.	F	F	F	F	P
IO 4.3	Monitor own unit compliance with EMCON condition in effect.	F	F	F	F	N
IO 4.4	Monitor task group/force compliance with EMCON condition in effect. V(L) - Plan and train.	F	F	F	L	N
IO 4.9	Manage electromagnetic/acoustic and/or other emissions to minimize mutual interference among friendly systems. CIVMAR Note: CIVMAR responsible for navigation systems. V(L) - Plan and train.	F	F	F	L	P
IO 4.11	Plan, coordinate, and control implementation of OPSEC measures. V(L) - Plan and train.	F	F	F	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
IO 4.12	Execute OPSEC measures. CIVMAR Note: CIVMAR responsible for bridge communications and navigation systems. V(L) - Plan and train.	F	F	F	L	P
IO 5	CONDUCT COORDINATED IO/IW OPERATIONS WITH OTHER FORCES IN SUPPORT OF A JTF/GROUP.					
IO 5.2	Conduct coordinated IO/IW operations with other forces in support of a JTF/group/SAG or naval/joint/combined forces. V(L) - Plan and train.	F	F	F	L	N
IO 14	REPAIR OWN UNITS IO EQUIPMENT. USN Note: During condition III, full capability provided by on-call/off-watch personnel. CIVMAR Note: Provide supply and repair parts support. I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.	L	F	F	F	P

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
IO 16	<p>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNITS IO CAPABILITIES.</p> <p>CIVMAR Note: CIVMAR provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man CSOSS watch organization with CSOOW/ combat systems maintenance supervisor and electronics support supervisor.</p> <p>V(L) - Plan and train.</p>	L	L	L	L	
MOB 3	<p>PREVENT AND CONTROL DAMAGE.</p> <p>CIVMAR Note: CIVMAR assume all DC and CBR responsibilities. Ship will not man repair lockers or decontamination stations except as agreed upon by the CO.</p>					
MOB 3.1	Control fire, flooding, electrical, structural, propulsion, and hull/ airframe causalities.	F	F/E	F/E	F/E	S
MOB 3.2	Counter and control CBR contaminants/agents.	F	F/E	F/E	F/E	S
MOB 3.3	Maintain security against unfriendly acts.	F	F	F	F	S

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
MOB 3.5	Provide damage control security/surveillance.	F	F	F	F	S
MOB 3.8	Provide emergency breathing devices per ships allowance.	F	F	F	F	S
MOB 5	MANEUVER IN FORMATION. CIVMAR Note: Capability is supported by bridge watch team.					S
MOB 7	PERFORM SEAMANSHIP, AIRMANSHIP AND NAVIGATION TASKS.					
MOB 7.1	Navigate under all conditions of geographic location, weather, and visibility.	F	F/E	F/E		S
MOB 7.2	Conduct precision anchoring. Note: During condition I, stand down other battle stations. During condition III, requires augmentation from off-watch personnel.	F/E	F/E	F/E		S
MOB 7.3	Get underway, moor, anchor, and sortie with duty section in a safe manner. V(L) - Deployed, duty section fully capable. Not deployed, recall of personnel required.				L	S
MOB 7.5	Utilize programmed evasive steering. IV(L) - Plan and train.	F	F	L		S

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
MOB 7.6	Abandon/scuttle ship rapidly. III, IV, V(L) - Plan and train.	F	L	L	L	P
MOB 7.7	Provide life boat/raft capacity per units allowance.	F	F	F	F	S
MOB 7.8	Tow or be towed (towing engine not required). Note: Requires securing personnel from other battle stations in condition I.	F	F/A	F/A		S
MOB 7.9	Operate day and night and under all weather conditions.	F	F	F		S
MOB 7.10	Conduct undetected transits.	F	F	F		S
MOB 7.15	Operate in a CBR contaminated environment. III, IV(L) - Plan and train.	F	L	L		S
MOB 7.16	Recover man overboard (shipboard, boat or helicopter). USN Note: During condition I, search and recovery requires augmentation by securing other battle stations. During condition III, search and recovery requires augmentation from off-watch personnel. CIVMAR Note: CIVMAR conduct flight operations and Rescue Boat operations.	F/E	F/E	F/E	F	S
MOB 10 REPLENISH AT SEA.						

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
MOB 10.1 Receive vertical replenishment. V(L) - Deployed , at anchor only.		F/E	F/E	L/E	S
MOB 10.2 Receive fuel while underway (alongside method).		F/E	F/E		S
MOB 10.3 Receive munitions and provisions while underway.		F/E	F/E		S
MOB 10.4 Receive portable and/or feed water while underway.		F/E	F/E		S
MOB 10.5 Receive carrier onboard delivery/vertical onboard delivery (VOD) aircraft. Note: VOD only. V(L) - Deployed , at anchor only.		F/E	F/E	L/E	S
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. CIVMAR Note: Battle messing only during condition I. Requires securing food distribution personnel from condition I stations at COs discretion.	F	F	F	F	S
MOB 12.2 Ensure the operation of the portable water system in a manner consistent with approved sanitary procedures and standards.	F	F	F	F	S

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
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 current instructions.	F	F	F	F	S
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	S
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	S
MOB 12.8 Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR contaminated environment. III, IV, V(L) - Plan and train.	F	L	L	L	S

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>MOB 12.9 Provide individual protective clothing and equipment to sufficiently protect assigned medical personnel aboard a ship at risk in a CBR-contaminated environment.</p> <p>III, IV, V(L) - Plan and train.</p>	F	L	L	L	S
<p>MOB 12.12 Provide antidotes to ships company that will counteract the effects caused by a CBR-contaminated environment.</p> <p>III, IV, V(L) - Plan and train.</p>	F	L	L	L	P
<p>MOB 12.13 Train designated medical supervisors and non-medical personnel to detect CBR-contaminated casualties.</p>		F	F	F	S
<p>MOB 12.14 Train designated non-medical personnel to decontaminate CBR casualties.</p>		F	F	F	S
<p>MOB 12.15 Identify, supply, and maintain decontamination stations.</p>	F	F	F	F	S
<p>MOB 17 PERFORM ORGANIZATIONAL LEVEL REPAIRS TO OWN UNITS MOB EQUIPMENT.</p> <p>Note: During condition I, emergency repairs to equipment critical to ships mission. May require standing down selected personnel from their condition I stations.</p>	F	F	F	F	S

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
MOB 18 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNITS MOB CAPABILITIES.		F	F/A	F/A	F/A	S
	Note: During condition I, emergency repairs to equipment critical to ships mission. During condition III and IV, immediate response by existing watch standers with complete restoration supported by augmentation from off-watch personnel.					
MISSIONS OF STATE						
MOS 1 PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.						
	Note: CIVMAR support as directed by CO. Hospitality and logistics support provided to foreign dignitaries per table of interactivity responsibilities and MOA.					
MOS 1.1	Establish a sovereign, mobile sea base in a forward area. IV, V(L) - Plan and train.	F	F	L	L	P
MOS 1.2	Conduct force/unit tour for foreign dignitaries.		F/A	F/A	F/A	N
MOS 1.3	Conduct systems/weapons demonstrations for foreign dignitaries.		F/E	F/E	F/E	N
MOS 1.4	Conduct foreign port calls.				F	P
MOS 1.5	Conduct force/unit tours for foreign citizens during port calls.				F/A	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
MOS 1.6	Conduct receptions for foreign dignitaries during port calls.				F/A	P
MOS 1.7	Provide volunteers for small project assistance during port calls.				F/A	P
MOS 1.8	Participate in military exercises with allied nations.		F	F/A	F/A	P
MOS 1.9	Participate in military exercises with non-allied nations.		F	F/A	F/A	P
MOS 1.10	Participate in or provide participants for foreign/allied commemorative or ceremonial events.			F/E	F/E	P
MOS 1.11	Provide lift of opportunity for foreign or national diplomatic material. III, IV, V(L) - Small quantities that do not interfere with the regular combat capabilities or logistics load.		L	L	L	P

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
MOS 2 PROVIDE HUMANITARIAN ASSISTANCE (HA) .	<p>Note: LCCs serve principally as command platforms for these capabilities. Only minor contingency capabilities exist for direct ship participation.</p> <p>CIVMAR Note: CIVMAR provide emergency relief coordination, equipment, and support as directed by CO. Hospitality and logistics support provided per table of interactivity responsibilities and MOA.</p>					
MOS 2.1	<p>Deliver relief material.</p> <p>III, IV, V(L) - Small quantities that do not interfere with the regular combat capabilities or logistics load.</p>		L	L	L	P
MOS 2.2	<p>Provide emergency flooding/ firefighting assistance.</p> <p>CIVMAR Note: CIVMAR responsible for coordinating rescue and assistance teams.</p> <p>I(L) - Requires securing select personnel from condition I stations.</p>	L/E	F/E	F/E	F/E	S

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
MOS 2.4	<p>Provide disaster assistance and evacuation.</p> <p>Note: Full capability when rescue and assistance party is called away. Augmentation by off-watch personnel may be required to sustain effort.</p> <p>CIVMAR Note: responsible for coordinating and training rescue and assistance teams.</p> <p>I(L) - Requires securing select personnel from condition I stations.</p>	L/E	F/E	F/E	F/E	S
MOS 2.5	<p>Clear and repair utilities and facilities damaged by natural disaster, fire, and civil disturbance; decontaminate CBR effects.</p> <p>CIVMAR Note: Responsible for coordinating and training rescue and assistance teams.</p>		F/E	F/E	F/E	P
MOS 2.9	<p>Plan, direct, and coordinate disaster assistance evacuation.</p>		F/A	F/A	F/A	P
MOS 2.10	<p>Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis.</p>		F/A	F/A	F/A	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>MOS 2.11 Support/conduct helicopter/boat evacuation of noncombatant personnel as directed by higher authority from areas of civil or international crisis.</p> <p>USN Note: During condition I, stand down other watch stations to man flight deck, rescue boat detail and crash and salvage detail selected personnel must stand down from their condition I stations to man noncombatant evacuation operations (NEO) stations. During conditions III, IV and V, NEO requires augmentation from off-watch personnel.</p> <p>CIVMAR Note: CIVMAR conduct flight operations and rescue boat operations. Provide hospitality services per table of inter-activity responsibilities.</p>	F/E	F/E	F/E	F/E	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>MOS 2.12 Provide for embarkation, identification and processing of evacuees.</p> <p>USN Note: Embarkation and identification only. Selected personnel must stand down from their condition I stations to man NEO stations. During conditions III, IV and V, NEO requires augmentation from off-watch personnel.</p> <p>CIVMAR Note: CIVMAR support at discretion of CO.</p>	F	F/A	F/A	F/A	P
<p>MOS 2.13 Provide care, feeding and berthing of evacuees.</p> <p>CIVMAR Note: CIVMAR provide hospitality services per table of inter-activity responsibilities.</p> <p>I(L) - Battle messing and emergency care only during condition I.</p>	L	F/A	F/A	F/A	S

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>MOS 2.14 Provide transportation for evacuees to designated safe havens or onward processing centers.</p> <p>USN Note: During conditions III, IV and V, NEO/ transportation requires augmentation from off-watch personnel.</p> <p>CIVMAR Note: CIVMAR conduct flight operations and boat operations.</p> <p>I(L) - Selected personnel must stand down from their condition I stations to man NEO stations.</p>	L	F/A	F/A	F/A	P
<p>MOS 2.15 Plan/direct the evacuation of noncombat personnel in areas of civil or international crisis in both a permissive and non-permissive environment (including joint/combined operations).</p> <p>CIVMAR Note: CIVMAR support planning for hospitality services and transportation support.</p>	F	F	F	F	P
<p>MOS 3 PERFORM PEACEKEEPING.</p>					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
MOS 3.1	Provide C2 for a joint/allied peacekeeping force. I, III, IV, V(L) - Ship provides facility and maintenance of equipment. Embarked staff and augmentees provide watch standers and administration.	L	L	L	L	N
MOS 3.2	Provide logistics support for a joint/allied peacekeeping force. I, III, IV, V(L) - Ship provides facility and maintenance of equipment. Embarked staff and augmentees provide watch standers and administration.	L	L/A	L/A	L/A	N
MOS 3.3	Provide direct participation in a joint/allied peacekeeping force within a foreign country/region. IV, V(L) - Plan and train.	F	F	L	L	N
MOS 4	PERFORM INTERDICTION. USN Note: Provide C2 facilities for a joint/CJTF and embarked/ component commanders JFACC, JFLCC, JFMCC, JFSOCC, designated NATO commanders and staffs.					
MOS 4.5	Plan and direct naval blockade. I, III(L) - Provide command platform. IV, V(L) - Plan and train.	L	L	L	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
MOS 4.6	Plan and direct quarantine operations. I, III(L) - Provide command platform. IV, V(L) - Plan and train.	L	L	L	L	N
MOS 4.7	Plan and direct sanction enforcement operations. I, III(L) - Provide command platform. IV, V(L) - Plan and train.	L	L	L	L	N
MOS 4.8	Plan and direct maritime interdiction operations/visit, board, search, and seizure with naval/combined/joint forces operations with naval/combined/joint forces. I, III(L) - Provide command platform. IV, V(L) - Plan and train.	L	L	L	L	N
MOS 5	PROVIDE FOREIGN INTERNAL DEFENSE ASSISTANCE.					
MOS 5.4	Conduct tactical operations in close cooperation with the HN that focus on neutralizing and destroying the insurgent threat in the maritime environment. I, III(L) - Provide command platform. IV, V(L) - Plan and train.	L	L	L	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
MOS 8	PROVIDE ANTI-TERRORISM (AT) ASSISTANCE.					
MOS 8.1	Ensure that the physical security of important persons, facilities and events meets acceptable standards. CIVMAR Note: CIVMAR support physical security of ship.	F	F/A	F/A	F/A	P
MOS 8.2	Provide training and advice on how to reduce vulnerability to terrorism and other threats, particularly in the maritime environment.		F	F	F	N
MOS 10	CONDUCT SPECIAL ACTIVITIES AS GOVERNED BY EXECUTIVE ORDER 12333 AND BY PRESIDENTIAL FINDING AND CONGRESSIONAL OVERSIGHT.	L	L	L	L	N
	I, III(L) - Provide command platform. IV, V(L) - Plan and train.					
NONCOMBAT OPERATIONS (NCO)						
NCO 2	PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.					
NCO 2.1	Provide supply support services. CIVMAR Note: - Emergency supply support services only during condition I.		F	F	F	S
NCO 2.2	Provide clerical services. CIVMAR Note: Provide support to CIVMAR personnel.		F	F	F	P

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
NCO 2.3	Provide disbursing services. CIVMAR Note: Provide support to CIVMAR personnel.		F	F	F	P
NCO 2.4	Provide post office services. CIVMAR Note: Provide support to CIVMAR personnel.		F	F	F	P
NCO 2.5	Provide messing facilities. CIVMAR Note: Battle messing only during condition I.	L	F	F	F	S
NCO 2.6	Provide ships service facilities.					S
NCO 2.7	Provide inventory and custodial services.					S
NCO 2.8	Provide personnel for living space maintenance. CIVMAR Note: Provide support to CIVMAR personnel and common spaces.		F	F	F	P
NCO 3	PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT. Note: CIVMAR and USN perform maintenance actions and upkeep on systems assigned per shipboard equipment responsibility list in in table of inter activity responsibilities.					P
NCO 3.1	Provide organizational level preventive maintenance. CIVMAR Note: Provide supply and repair parts support.		F	F	F	P

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
NCO 3.2	Provide organizational level corrective maintenance. CIVMAR Note: Provide supply and repair parts support. I(L) - Emergency repairs to equipment critical to ships or embarked staffs' missions. May require standing down selected personnel from their condition I stations.	L	F	F	F	P
NCO 3.3	Provide small arms storage area.	F	F	F	F	N
NCO 3.4	Maintain preservation and cleanliness of topside and internal spaces. CIVMAR Note: The capability may be achieved by using off-watch or off-duty personnel to achieve the required degree of capability		F	F	F	P
NCO 3.5	Provide for proper storage, handling, use and transfer of hazardous materials.		F	F	F	S
NCO 4	PROVIDE CLOSED-CIRCUIT TELEVISION SUPPORT FOR OWN UNIT.					
NCO 5	CONDUCT METEOROLOGICAL, HYDROGRAPHIC AND/OR OCEANOGRAPHIC COLLECTION OPERATIONS OR SURVEYS.					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
NCO 5.1	<p>Collect and disseminate meteorological information.</p> <p>I, III, IV, V(L) - Provide facility. Embarked meteorological detachment provides administration, watch standers, equipment maintenance and systems management.</p>	L/E	L/E	L/E	L/E	N
NCO 5.2	<p>Collect and disseminate hydrographic information.</p> <p>CIVMAR Note: CIVMAR support provided by bridge watch team.</p> <p>I, III, IV(L) - Capable of providing limited collection of depth information only. Embarked staff or meteorological detachment provides administration and systems management.</p>	L/E	L/E	L/E		P
NCO 7	PROVIDE SPECIAL TECHNICAL RESEARCH.					
NCO 7.1	Serve as a platform for special technical research operations.		F	F	F	N
NCO 7.2	<p>Conduct special technical research operations.</p> <p>III, IV, V(L) - Embarkation of technical support personnel required. Staff responsible for evaluation and assessment, ship for installation and maintenance.</p>		L	L	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
NCO 8	SERVE AS A PLATFORM FOR OPERATIONAL TEST AND EVALUATION OF SYSTEMS, EQUIPMENT, AND TACTICS.					
NCO 8.1	Provide technical assistance for installed test and evaluation equipment.		F	F	F	N
NCO 8.2	Perform test evaluation functions set forth in the appropriate test plans. III, IV, V(L) - Support projects as required with ships company as long as primary mission areas are not degraded.		L/A	L/A	L/A	P
NCO 8.3	Perform the evaluation functions set forth in appropriate tactical memorandums. III, IV, V(L) - Support projects as required with ships company as long as primary mission areas are not degraded.		L/A	L/A	L/A	N
NCO 8.4	Provide range safety as set forth in appropriate test plans during missile operational tests.		F	F		N
NCO 10	PROVIDE EMERGENCY/DISASTER ASSISTANCE.					

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>NCO 10.1 Provide emergency flooding/ fire fighting assistance to another unit.</p> <p>CIVMAR Note: CIVMAR responsible for coordinating and training rescue and assistance teams.</p> <p>V(L) - Requires securing select personnel from condition I stations.</p>	L/E	F/E	F/E	F/E	S
<p>NCO 10.4 Provide disaster assistance and evacuation.</p> <p>USN Note: Full capability when rescue and assistance party is called away. Augmentation by off-watch personnel may be required to sustain effort.</p> <p>CIVMAR Note: CIVMAR responsible for coordinating and training rescue and assistance teams.</p> <p>I(L) - Requires securing select personnel from condition I stations.</p>	L/E	F/E	F/E	F/E	P
<p>NCO 10.5 Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.</p> <p>CIVMAR Note: CIVMAR responsible for coordinating and training rescue and assistance teams.</p>				F/E	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>NCO 11 SUPPORT/PROVIDE FOR THE EVACUATION OF NONCOMBATANT PERSONNEL IN AREAS OF CIVIL OR INTERNATIONAL CRISIS.</p>					
<p>NCO 11.1 Support/conduct helicopter/boat evacuation of noncombatant personnel as directed by higher authority from areas of civil or international crisis.</p> <p>USN Note: During condition I, stand down other watch stations to man flight deck, rescue boat detail and crash and salvage detail selected personnel must stand down from their condition I stations to man NEO stations. During conditions III, IV and V, NEO requires augmentation from off-watch personnel.</p> <p>CIVMAR Note: CIVMAR conduct flight operations and rescue boat operations. Provide hospitality services per table of inter-activity responsibilities.</p>	F/E	F/E	F/E	F/E	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>NCO 11.2 Provide for embarkation, identification and processing of evacuees.</p> <p>USN Note: Embarkation and identification only. Selected personnel must stand down from their condition I stations to man NEO stations. During conditions III, IV and V, NEO requires augmentation from off-watch personnel.</p> <p>CIVMAR Note: CIVMAR support at discretion of CO.</p>	F	F/A	F/A	F/A	P
<p>NCO 11.3 Provide care, feeding, and berthing of evacuees.</p> <p>CIVMAR Note: CIVMAR provide hospitality services per table of inter-activity responsibilities. Battle messing and emergency care only during condition I.</p>					S

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>NCO 11.4 Provide transportation for evacuees to designated safe havens or onward processing centers.</p> <p>USN Note: During conditions III, IV and V, NEO/ transportation requires augmentation from off-watch personnel.</p> <p>CIVMAR Note: CIVMAR conduct flight operations and rescue boat operations.</p> <p>I(L) - Selected personnel must stand down from their condition I stations to man NEO stations.</p>	L	F/A	F/A	F/A	P
<p>NCO 11.5 Plan/direct the evacuation of noncombat personnel in areas of civil or international crisis in both a permissive and non-permissive environment (including joint/combined operations).</p> <p>CIVMAR Note: CIVMAR support planning for hospitality services and transportation support.</p>	F	F	F	F	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>NCO 19 CONDUCT MARITIME LAW ENFORCEMENT OPERATIONS.</p> <p>CIVMAR Note: Support limited to ready flight deck for helicopter operations only. Ships rigid hull inflatable boat operated by CIVMAR and unable to legally take part in aggressive or hostile actions.</p>					
<p>NCO 19.1 Detect and identify noncombatant vessels.</p> <p>CIVMAR Note: CIVMAR capability provided by bridge watch team and aft lookout.</p>	F	F	F	F	P
<p>NCO 19.3 Provide assistance to other law enforcement forces.</p> <p>CIVMAR Note: Support limited to ready flight deck for helicopter operations only.</p> <p>I(L) - May require securing personnel from other condition I stations.</p> <p>V(L) - Plan and train.</p>	L/A	F/A	F/A	L	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>NCO 19.13 Support enforcement of fisheries law and treaties.</p> <p>CIVMAR Note: Support limited to ready flight deck for helicopter operations only.</p> <p>I, III, IV(L) - Requires supplement from embarked law enforcement personnel/equipment.</p>	L/E	L/E	L/E		P
<p>NCO 19.14 Support enforcement of offshore mining and gas/oil drilling laws.</p> <p>CIVMAR Note: Support limited to ready flight deck for helicopter operations only.</p> <p>I, III, IV(L) - Requires supplement from embarked law enforcement personnel/equipment.</p>	L/E	L/E	L/E		P
<p>NCO 19.15 Support drug traffic suppression and interdiction operations.</p> <p>CIVMAR Note: Support limited to ready flight deck for helicopter operations only.</p> <p>I, III, IV(L) - Requires supplement from embarked law enforcement personnel/equipment.</p>	L/E	L/E	L/E		P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>NCO 19.16 Support illegal entry suppression operations.</p> <p>CIVMAR Note: Support limited to ready flight deck for helicopter operations only.</p> <p>I, III, IV(L) - Requires supplement from embarked law enforcement personnel/equipment.</p>	L/E	L/E	L/E		P
NCO 24 SUPPORT/CONDUCT ROTARY WING AIRCRAFT OPERATIONS.					
<p>NCO 24.1 Support/conduct day rotary wing aircraft flight operations.</p> <p>V(L) - Plan and train.</p>	F/E	F/E	F/E	L/E	S
<p>NCO 24.2 Support/conduct night rotary wing (RW) aircraft flight operations.</p> <p>V(L) - Plan and train.</p>	F/E	F/E	F/E	L/E	S
<p>NCO 24.3 Support/conduct RW aircraft flight operations during all EMCON conditions.</p> <p>V(L) - Plan and train.</p>	F/E	F/E	F/E	L/E	S
<p>NCO 24.4 Support/conduct RW aircraft hot and cold refueling operations.</p> <p>V(L) - Plan and train.</p>	F/E	F/E	F/E	L/E	S
<p>NCO 24.5 Provide electrical power for RW aircraft starting, testing, etc.</p>	F	F	F	F	S
NCO 25 CONDUCT MARINE ENVIRONMENTAL PROTECTION.					

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>NCO 25.1 Detect oil or hazardous chemical spill.</p> <p>CIVMAR Note: CIVMAR operate ships boats and hazardous spill recovery team.</p>	F	F	F	F	P
<p>NCO 25.2 Report spills to proper authority.</p>	F	F	F	F	N
<p>NCO 25.3 Conduct pollution abatement operations.</p> <p>CIVMAR Note: CIVMAR operate ships boats and hazardous spill recovery team.</p>		F/E	F/E	F/E	P
<p>NCO 26 SERVE AS A PLATFORM FOR SPONSOR ORGANIZATIONS PERFORMING DOD MISSIONS.</p> <p>CIVMAR Note: CIVMAR provide hospitality services to embarked personnel per table of inter-activity responsibilities.</p> <p>III, IV, V(L) - Provide facilities and hospitality services.</p>		L	L	L	
<p>NCO 34 IN SUPPORT OF COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT AND MONITOR SUSPECT SURFACE CONTACTS.</p>					
<p>NCO 34.1 Detect and monitor surface contacts with radar.</p>	F	F	F		N

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>NCO 34.2 Detect and monitor surface contacts visually.</p> <p>CIVMAR Note: III, IV(L) - Capability provided by bridge watch team and aft lookout.</p>	F	L	L		S
<p>NCO 34.3 Detect and monitor surface contacts with infrared equipment.</p> <p>III, IV(L) - Capability provided by bridge watch team and aft lookout.</p>	F	L	L		S
<p>NCO 34.4 Detect and monitor surface contacts with electronic surveillance methods.</p>	F	F	F		N
<p>NCO 36 IN SUPPORT OF COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT AND MONITOR SUSPECT AIR CONTACTS.</p>					
<p>NCO 36.2 Detect and monitor air contacts visually.</p> <p>III, IV(L) - Capability provided by bridge watch team and aft lookout.</p>	F	L	L		S
<p>NCO 36.3 Detect and monitor air contacts by electronic surveillance measures.</p>	F	F	F		N
<p>SURFACE WARFARE (SUW)</p> <p>Note: Anti-surface ship warfare is now termed SUW.</p>					
<p>SUW 1 USING ANTISURFACE ARMAMENTS, ENGAGE SURFACE THREATS.</p>					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
SUW 1.6	Engage surface ships with minor caliber gunfire (i.e., 25mm, 20mm, .50cal). USN Note: Requires securing personnel from other battle stations. IV, V(L) - Plan and train.	F/E	F/E	L	L	N
SUW 1.9	Engage surface ships with small arms gunfire. USN Note: Requires securing personnel from other battle stations. IV, V(L) - Plan and train.	F/E	F/E	L	L	N
SUW 1.10	Conduct close-in surface self-defense using crew operated machine guns (i.e. 25mm, 20mm, .50cal, .30cal). USN Note: Man self-defense weapons by using off watch personnel or stand down other non-essential functions. IV, V(L) - Plan and train.	F/E	F/E	L	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
SUW 1.11	Employ self-defense torpedo countermeasures using: (a) NIXIE. USN Note: Streaming and retrieval of NIXIE performed by standing down other condition I watch stations or using off-watch personnel during condition III. IV, V(L) - Plan and train.	F	F/A	L	L	N
SUW 3	PROVIDE SUW DEFENSE OF A GEOGRAPHICAL AREA (E.G., AOA, BARRIER) INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.					
SUW 3.2	Plan and direct SUW defense of a geographic area. CIVMAR Note: CIVMAR provide hospitality support of embarked personnel per table of inter-activity responsibilities. III(L) - Provide facilities, equipment maintenance (for ship and shared equipment) and hospitality services for CATF, MEF, CLF and direct support staffs only. Reconfigure the permanent C4I suite to meet the amphibious operation profile. IV, V(L) - Plan and train.		L	L	L	P
SUW 4	DETECT, IDENTIFY, LOCALIZE, AND TRACK SURFACE SHIP TARGETS.					

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
SUW 4.1	Detect, localize, and track surface contacts with radar. V(L) - Plan and train.	F	F	F	L	N
SUW 4.4	Detect, identify, classify and track surface contacts visually. CIVMAR Note: Capability provided by bridge watch team and aft lookout. V(L) - Plan and train.	F	F	F	L	N
SUW 4.5	Detect, identify and track surface contacts with infrared equipment. Note: Capability provided by bridge watch team and aft lookout. V(L) - Plan and train.	F	F	F	L	N
SUW 4.6	Detect, identify, classify and track surface contacts by ESM. III, IV(L) - During condition III performed by supervisor, ESM and GCCS-M operators only. During condition IV performed by ESM operator and GCCS-M operators only. V(L) - Plan and train.	F	L	L	L	N

LCC-20 COMMAND SHIP		I	III	IV	V	MSC
SUW 4.7	Identify surface contacts. USN Note: Full capability requires augmentation from off-watch personnel. CIVMAR Note: Capability provided by bridge watch team and aft lookout. V(L) - Plan and train.	F	F/A	F/A	L	P
SUW 6 DISENGAGE, EVADE AND AVOID SURFACE ATTACK.						
SUW 6.1	Employ countermeasures: (a) Lighting configuration. (b) Hull markings V(L) - Plan and train.	F	F	F	L	S
SUW 6.2	Employ evasion techniques. CIVMAR Note: Military detachment (USN) provide direction to bridge for evasion techniques.					S
SUW 6.3	Employ EMCON procedures. CIVMAR Note: Responsible for setting and maintaining directed EMCON on navigation systems. V(L) - Plan and train.	F	F	F	L	P
SUW 12 SUPPORT/CONDUCT ESCORTING AND INDEPENDENT SUW OPERATIONS.						

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>SUW 12.3 Conduct independent SUW operations.</p> <p>CIVMAR Note: Provide bridge watches.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L	N
<p>SUW 14 REPAIR OWN UNITS SUW EQUIPMENT.</p> <p>USN Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>CIVMAR Note: Provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.</p>	L	F	F	F	P

LCC-20 COMMAND SHIP	I	III	IV	V	MSC
<p>SUW 17 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNITS SUW CAPABILITIES.</p> <p>CIVMAR Note: Provide supply and repair parts support.</p> <p>I(L) - Emergency repairs to equipment critical to ships mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man CSOSS watch organization with CSOOW/ combat systems maintenance supervisor and electronics support supervisor.</p> <p>V(L) - Plan and train.</p>	L	L	L	L	P