



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

OPNAVINST 3501.104E  
N95  
16 Apr 2014

OPNAV INSTRUCTION 3501.104E

From: Chief of Naval Operations

Subj: REQUIRED OPERATIONAL CAPABILITIES AND PROJECTED  
OPERATIONAL ENVIRONMENT FOR LHA 1 (TARAWA) CLASS  
AMPHIBIOUS ASSAULT SHIPS

Ref: (a) OPNAVINST C3501.2K (NOTAL)  
(b) NWP 1-03.3 (NOTAL)

Encl: (1) Projected Operational Environment (POE) for LHA 1  
(TARAWA) Class Amphibious Assault Ships.  
(2) Required Operational Capabilities (ROC) for LHA 1  
(TARAWA) Class Amphibious Assault Ships.

1. Purpose. To issue the required operational capabilities (ROC) and the projected operational environment (POE) for LHA 1 class amphibious assault ships. This instruction is being reissued with a new date, updated version and signature authority to meet the Chief of Naval Operations' age requirement for Office of the Chief of Naval Operations (OPNAV) instructions.

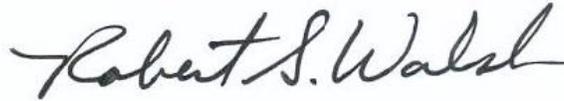
2. Cancellation. OPNAVINST F3501.104D.

3. Discussion. Enclosures (1) and (2) have been prepared per reference (a). The ROC and POE provide the necessary details to describe the mission areas, environment, and operational capabilities for which the LHA 1 class was designed and organized as required per reference (a). This instruction provides resource agencies information concerning LHA 1 class mission requirements, capabilities, and the types and locations of expected operations. Together, the ROC and POE establish tasking which produces a measurable workload used to compute manpower requirements for ship manpower documents. Enclosure (2) will be used to determine specific mission area M-ratings reported under reference (b).

4. Action. Last ship in class scheduled for decommissioning in 2015; no further action required.

OPNAVINST 3501.104E  
16 Apr 2014

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.



R. S. WALSH  
Director, Expeditionary Division

Distribution:

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

PROJECTED OPERATIONAL ENVIRONMENT (POE)  
FOR  
LHA 1 (TARAWA) CLASS AMPHIBIOUS ASSAULT SHIPS

1. The LHA 1 class amphibious assault ship's mission is to operate offensively in a high density, multi-threat environment as an integral member of an amphibious task force (ATF) or group. In addition, the LHA 1 provides its own limited anti-air warfare (AAW) and anti-surface warfare self-defense.
2. The most demanding operating environment anticipated for the LHA 1 is forward-deployed wartime operations within the littoral battlespace in cooperation with designed joint or allied forces, including operations involving coordination of land and sea-based aviation. These operations are frequently characterized by confined and congested water and air space occupied by friends, adversaries, and neutrals - making rapid identification and efficient coordination profoundly difficult. In this environment, adversaries can concentrate and layer their defenses.
3. Peacetime forward operations in littoral areas are also very demanding. In an era characterized by the proliferation of sophisticated weaponry, coupled with the advance of overseas contingency operations, the LHA 1 class can anticipate surprise attack by submarines, coastal missiles, mines, sea-skimming cruise missiles, theater ballistic missiles, terrorist and other asymmetrical threats. A substantial percentage of operations will be conducted within the highly variable littoral environment with joint or allied partners.
4. The ship is capable of functioning as a flagship for a joint task force (JTF) commander, or a Marine expeditionary force (Forward). Facilities are provided for an embarked landing force commander and staff, and for an expeditionary strike group (SG) commander and staff.
5. During amphibious operations, the ship can operate from over the horizon or close to the shoreline under restricted maneuvering conditions. It is able to conduct sustained amphibious operations after the initial assault by selectively reducing secondary functions to provide personnel augmentation to intensive operations.

6. The ship can support 10 hours of flight operations per day when a Marine composite squadron or other aviation squadron of similar size is embarked. Allowances of 1-1/2 hours are provided for both pre-flight and post-flight functions. Daily flight operations, other than those conducted during amphibious assault operations, may be conducted at readiness condition III or IV when flight quarters (FQ) are set. At sea, the LHA 1 can operate up to six spots. In port, the requirement is two spots. During normal operations, four refueling spots are used underway and one in port. During normal operations, six tow tractors and aircraft (A/C) directors are used.

7. LHA 1 class has secondary missions of supporting sea control and airborne mine countermeasures (AMCM) operations. These secondary missions may restrict or preclude amphibious operations.

8. The ship is capable of acting as primary casualty or mass casualty receiving and treatment ship when a fleet surgical team (FST) is embarked.

REQUIRED OPERATIONAL CAPABILITIES (ROC)  
FOR  
LHA 1 (TARAWA) CLASS AMPHIBIOUS ASSAULT SHIPS

1. The LHA 1 class ship's mission is to operate offensively in a high-density, multi-threat environment as an integral member of an ATF or expeditionary SG. In addition, the LHA 1 provides its own limited AAW and surface warfare (SUW) self-defense. The LHA 1 has additional missions of performing AMCM and mass casualty treatment operations.

2. The LHA 1 class ship's mission with full medical augmentation staff embarked is to provide rapid, flexible, and mobile acute medical care to support United States Marine Corps (USMC) air and ground task forces deployed ashore and naval AFTs afloat. To sustain this mission, each ship is capable of providing enhanced second echelon medical care including all associated ancillary and support services for 4 operating rooms and a minimum of 60 patient beds. Patient beds are distributed as follows: intensive care - 15 beds, intermediate care - 45 beds. Each ship is capable of receiving a maximum of 60 patients per day for 1 day, 40 patients per day for 3 days, and 30 patients per day sustained, 60 percent of all patients are assumed to require operating room surgical care. These requirements can be met under a baseline 1-day evacuation policy at which time the patient will either be returned to duty or evacuated to the next echelon of medical care. The ship's medical supply block is capable of supporting sustained on-station operations for up to 300 casualties of which 100 require surgical intervention.

3. In readiness conditions III and IV, with an FST embarked, the ship is capable of acting as casualty or mass casualty receiving and treatment ship. To sustain this mission, each ship is capable of providing similar second echelon care, with 1 operating room and 13 patient beds. Patient beds are distributed as follows: intensive care - 3 beds, intermediate care - 10 beds. Each ship is capable of receiving a maximum of 13 patients per day sustained, 50 percent of these patients are assumed to require operating room surgical care.

4. Accordingly, the following primary (P) and secondary (S) warfare mission areas are assigned:

LHA 1 Class														
AMW	ASW	AW	CCC	FSO	INT	FHP	IO	LOG	MIW	MOB	MOS	NCO	NSW	SUW
P	S	P	P	S	P	S	P	S	S	P	P	S	S	S

AMW: amphibious warfare	LOG logistic
ASW: antisubmarine warfare	MIW: mine warfare
AW: air warfare	MOB: mobility
CCC: command control and communication	MOS: missions of state
FSO: fleet ship operation	NCO: noncombat operation
INT: intelligence operation	NSW: naval special warfare
IO: information operation	SUW: surface warfare

5. ROCs are reported under readiness conditions having major significance in determining the unit's 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.

(2) For the LHA, this condition means self-defense measures are being performed. Evolutions such as replenishment, law enforcement or logistics helicopter (helo) operations are not appropriate unless the evolution stations are co-manned by personnel from other battle stations. The maximum expected continuous crew endurance for condition I is 24 hours.

b. Condition IA: Wartime Amphibious Assault Operations. Conducting amphibious operations, all command, control, medical and assault stations, and FQ stations are fully manned. Core

engineering and damage control stations are manned. Maximum crew endurance is expected to be 24 continuous hours.

c. Condition II: Modified Battle Readiness

(1) Condition II is condition I 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 task force (TF) or group commander, 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 command and control functions relevant to the threat, which are not required to be accomplished simultaneously.

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

(2) The maximum expected continuous duration for condition II is 10 days, with a minimum of 4 to 6 hours of rest provided per man 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.

d. Condition FQ: Flight Quarters. A specialized evolution for air capable ships conducted on a regular basis in support of mission accomplishment. It requires a significant portion of assigned personnel to be on station for prolonged periods. During FQs, required stations are manned as necessary to launch or recover A/C and to perform essential supporting functions. Even though FQs is technically neither a condition of readiness nor a watch condition, it does require the assignment of personnel to specific stations in addition to the regular stations manned for a particular condition of readiness. It

should be noted that FQs is supplementary to readiness conditions III, IV, and V, but included in conditions I and IA.

e. Condition III: Wartime/Increased Tension/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.

(2) For the LHA, this condition includes pre-assault and post-assault operations en route to or in the amphibious objective area (AOA). To determine manpower requirements, the minimum expected crew endurance for condition III is 60 days, with opportunity for 8 hours of rest provided per man per day.

(3) 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 operational control of Commander, Sixth Fleet; Commander, Seventh Fleet; or Commander, Fifth Fleet.

f. 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.

(2) Maximum advantage is taken of training opportunities. Expected endurance is not constrained by personnel. Ability to immediately change readiness posture to condition I, II, or III is expected.

g. Condition V: In Port 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 in port emergencies and to perform in port functions as prescribed by unit ROCs.

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

(2) Maximum advantage is taken of training opportunities. Subject to the foregoing requirements, the crew will be provided maximum opportunity for rest, leave and liberty.

6. 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. (Note: "P" for "Partial" is no longer a symbol.) 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 or off-duty 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 special teams or details. This symbol is always associated with an "F" or "L" and denotes a capability that 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.

		CAPABILITY	
		FULL	LIMITED
MODIFIER	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

7. Normally, using an "A" or an "E" requires no embellishing statement, as their meanings are predefined. However, in the case of the LHA as well as other classes that routinely embark external resources, the meaning may not be clear as to whether ship's company or the external resource should provide the augmentation. For example, using F or A for condition III in tasking maintenance of the medical ward without elaboration might leave cognizance unclear. This ROC and POE instruction shows:

- a. If the resource is ship's company, no elaboration or statement is provided.
- b. If the resource is external for "F," a note is added to the ROC stating the resource.
- c. If the resource is external for "L," the resource is added to the capability limiting statement.

REQUIRED OPERATIONAL CAPABILITIES

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>AMPHIBIOUS WARFARE (AMW)</b>							
<b>AMW 1 LOAD, TRANSPORT, AND LAND COMBAT EQUIPMENT, MATERIAL, SUPPLIES AND ATTENDANT PERSONNEL OF A FORCE OR GROUP IN AN AMPHIBIOUS OPERATION.</b>  Note: Ship's company augmented by Marine personnel for cargo, equipment, vehicle handling and troop marshalling. Well deck operations manned by ship's company and require augmentation by off-watch personnel during condition III.							
AMW 1.1	Load combat equipment, material and supplies with attendant personnel for an amphibious operation.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.			L	F/A	L	L
AMW 1.2	Transport combat equipment, material and supplies with attendant personnel to the assault area.  IV, V(L) - Plan and train.	F			F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 1.3	<p>Land combat equipment, material and supplies with attendant personnel by air and/or surface transport during amphibious operation.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
AMW 1.6	<p>Plan/direct the loading, transporting and landing of combat equipment, material and supplies with attendant personnel in an amphibious operation.</p> <p>Note: Full capability with amphibious squadron (PHIBRON) staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
<p><b>AMW 2 LOAD, TRANSPORT AND LAND ELEMENTS OF A LANDING FORCE WITH THEIR EQUIPMENT, MATERIAL AND SUPPLIES IN AN AMPHIBIOUS OPERATION.</b></p> <p>Note: Ship's company augmented by Marine personnel for cargo, equipment, vehicle handling, and troop marshaling. Well deck operations manned by ship's company and require augmentation by off-watch personnel during condition III.</p>							
AMW 2.1	<p>Load elements of a landing force with their equipment and supplies for an amphibious operation.</p> <p>IA, FQ(L) - 6 of 10 spots only.</p> <p>IV, V(L) - Plan and train.</p>		L/A	L/A	F/A	L	L
AMW 2.2	<p>Transport landing force to the assault area.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 2.3	<p>Land the force and their equipment and supplies by air and/or waterborne means during an amphibious operation.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
AMW 2.6	<p>Provide physical conditioning and acclimatization area for embarked troops.</p> <p>Note: LHA has no acclimatization area.</p>				F	F	F
AMW 2.7	<p>Provide emergency resupply of supplies and ammunition by air.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>AMW 2.10 Plan/direct the loading, transporting and landing of elements of a landing force with their attendant personnel in an amphibious operation.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 3 RE-EMBARK AND TRANSPORT EQUIPMENT, MATERIALS, SUPPLIES AND PERSONNEL.</b></p> <p>NOTE: Ship's company augmented by Marine personnel for cargo, equipment, vehicle handling, and troop marshaling. Well deck operations manned by ship's company and require augmentation by off-watch personnel during condition III.</p>						
<p>AMW 3.1 Re-embark and transport personnel of the landing force.</p> <p>IA, FQ(L) - 6 of 10 spots only.</p> <p>IV, V(L) - Plan and train.</p>		L	L	F/A	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 3.2	Re-embark and transport equipment, materials and supplies.  IA, FQ(L) - 6 of 10 spots only.  IV, V(L) - Plan and train.		L	L	F/A	L	L
AMW 3.9	Plan/direct the re-embarkation and transportation of equipment, materials, supplies and personnel.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
<b>AMW 4</b>	<b>SERVE AS PRIMARY CONTROL SHIP IN SHIP-TO-SHORE MOVEMENT.</b>  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	<b>F/A</b>	<b>F/A</b>		<b>F/A</b>	<b>L</b>	<b>L</b>
<b>AMW 5</b>	<b>CONDUCT LANDING CRAFT OR AMPHIBIOUS VEHICLE OPERATIONS TO SUPPORT AN AMPHIBIOUS OPERATION.</b>						
AMW 5.1	Conduct landing craft operations.  IV, V(L) - Plan and train.		F		F	L	L
AMW 5.2	Conduct amphibious vehicle operations.  IV, V(L) - Plan and train.		F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 5.3	Provide boat haven facilities.  IV, V(L) - Plan and train.		F		F	L	L
AMW 5.4	Provide hull mechanical and electrical and electronics maintenance and repair for embarked amphibious assault craft.  Note: Organizational level landing craft, air cushion (LCAC) vehicle maintenance provided by LCAC detachment personnel.  IA(L) - Emergency repairs only. Requires standing down selected personnel from condition IA stations.		L		F/A	F/A	F/A
AMW 5.5	Conduct LCAC operations.  Note: Well deck capable of holding one LCAC.  IV, V(L) - Plan and train.		F		F	L	L
<b>AMW 6 CONDUCT HELO OPERATIONS TO SUPPORT AN AMPHIBIOUS OPERATION.</b>							
AMW 6.1	Conduct day helo flight operations.  I, IA(L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L		L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 6.2	<p>Conduct night helo flight operations.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
AMW 6.4	<p>Provide conventional ordnance to support amphibious operations within required turnaround times.</p> <p>Note: Full capability assumes AV-8/AH-1 landing force operational reserve material (LFORM) class V(A) loaded when AV-8/AH-1 embarked for amphibious operations.</p> <p>Note: Ship's company aviation ordnancemen responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Embarked Marine personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area on flight deck.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A		L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
AMW 6.5	Conduct helo flight operations during all emissions control (EMCON) conditions.  V(L) - Plan and train.	F	F	F	F	F	L
AMW 6.6	Conduct helo hot and cold refueling operations.  I, IA(L) - 3 of 6 refueling spots only.  FQ(L) - 3 of 6 refueling spots only; in port 1 of 6.  IV, V(L) - Plan and train.	L	L	L		L	L
AMW 6.7	Serve as helo haven.  I, IA(L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L		L	L
AMW 6.8	Provide electrical power for helo starting, testing, etc.	F	F	F	F	F	F

LHA 1 CLASS		I	IA	FQ	III	IV	V
AMW 6.9	<p>Provide ground handling equipment for loading and spotting helos.</p> <p>I, IA(L) - All tow tractors and 2 of 4 A/C directors only.</p> <p>FQ(L) - Underway 2 of 4 tow tractors and 2 of 6 A/C directors only; in port 1 of 4.</p> <p>IV, V(L) - Plan and train.</p>	L/A	L	L		L	L
AMW 6.10	<p>Conduct precision radar controlled approaches for A/C under all weather conditions.</p> <p>III, IV, V(L) - Plan and train.</p>	F	F	F	L	L	L
AMW 6.11	<p>Plan/direct the conduct of helo operations in support of amphibious operation.</p> <p>Note: Full capability when tactical air control group (TACGRU) or tactical air control squadron (TACRON) detachment is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E	F/E	F/E	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AMW 9 CONDUCT PRE-ASSAULT COVER AND DIVERSIONARY ACTIONS.</b>							
AMW 9.1	Plan/direct pre-assault cover and diversionary actions.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
AMW 9.2	Conduct pre-assault cover and diversionary actions.  Note: Full capability with PHIBRON staff and Marine expeditionary force (MEF) or Marine expeditionary brigade (MEB) or Marine air-ground task force (MAGTF) with Marine expeditionary units (MEU) embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
<b>AMW 10 CONDUCT BEACH PARTY OPERATIONS TO SUPPORT AN AMPHIBIOUS OPERATION.</b>							
AMW 10.5	Plan/direct beach party operations in support of an amphibious operation.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>AMW 11 CONDUCT AMPHIBIOUS CARGO HANDLING OPERATIONS.</b>						
<p>AMW 11.1 Plan/direct amphibious cargo-handling operations.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 11.2 Conduct amphibious cargo handling operations.</p> <p>Note: Ship's company augmented by Marine personnel for cargo, equipment, vehicle handling and troop marshaling. Well deck operations manned by ship's company and require augmentation by off watch personnel during condition III.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	F/A	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>AMW 12 PROVIDE AIR CONTROL AND COORDINATION OF AIR OPERATIONS IN THE ASSIGNED AREA OF OPERATIONS (AO) .</b>						
<p>AMW 12.1 Provide air traffic control and coordination of all A/C operations in the assigned AO.</p> <p>Note: Full capability when TACGRU/TACRON detachment is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>AMW 12.2 Provide coordination of AW, SUW and ASW air assets for protection of the force in the AOA.</p> <p>Note: Full capability when TACGRU/TACRON detachment is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>AMW 12.3 Control search and rescue (SAR) air operations in the AOA.</p> <p>Note: Full capability when TACGRU/TACRON detachment is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>AMW 12.4 Coordinate air assets in the assigned AO with supporting arms to prevent conflicting actions.</p> <p>Note: Full capability when TACGRU/TACRON and supporting arms coordination center (SACC) staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>AMW 12.5 Plan/direct air control and coordination of air operations in the assigned AO.</p> <p>Note: Full capability when TACGRU/TACRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p><b>AMW 13 PROVIDE THE NAVAL ELEMENT OF THE SHORE PARTY TO FACILITATE THE LANDING AND MOVEMENT OVER THE BEACHES OF TROOPS, EQUIPMENT AND SUPPLIES AND TO ASSIST THE EVACUATION OF CASUALTIES AND PRISONERS OF WAR (POW) .</b></p>						
<p>AMW 13.5 Provide explosive ordnance disposal (EOD) support to remove/dispose of unexploded ordnance from the beach operation area.</p> <p>Note: Full capability with embarked EOD detachment.</p> <p>VI, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<p>AMW 13.6 Plan/direct the use of the naval element of the shore party to facilitate the landing and movement over the beaches of troops, equipment and supplies and to assist the evacuation of casualties/POWs.</p> <p>Note: Full capability with PHIBRON staff and naval beach group staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 14 CONDUCT NAVAL SURFACE FIRE SUPPORT (NSFS) AGAINST DESIGNATED TARGETS.</b></p>						
<p>AMW 14.8 Coordinate NSFS support against designated targets to support amphibious operations.</p> <p>Note: Full capability with SACC staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 15 PROVIDE AIR OPERATIONS TO SUPPORT AMPHIBIOUS OPERATIONS.</b></p>						
<p>AMW 15.1 Launch fixed wing (FW) and/or rotary wing (RW) A/C.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>AMW 15.2 Recover FW and/or RW A/C.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
<p>AMW 15.5 Provide conventional ordnance within required turnaround times.</p> <p>NOTE: Full capability assumes AV-8/AH-1 LFORM class V(A) loaded when AV-8/AH-1 embarked for amphibious operations.</p> <p>NOTE: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Embarked Marine personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area on flight deck.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A		L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>AMW 15.8 Control A/C under all conditions of active jamming.</p> <p>Note: Full capability when TACRON detachment is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>AMW 15.9 Load/unload ordnance within required A/C turnaround time.</p> <p>Note: Full capability assumes AV-8/AH-1 LFORM class V(A) loaded when AV-8/AH-1 embarked for amphibious operations.</p> <p>Note: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Embarked Marine personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area on flight deck.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A		L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 15.10	Provide air strike control to direct or assist attack A/C.  Note: Full capability all conditions when TACRON detachment is embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
AMW 15.13	Render safe hazardous explosive ordnance during flight operations and ordnance loading/unloading evolutions.  Note: Full capability when EOD detachment embarked.  IV, V(L) - Plan and train.	F/A	F/A	F/A	F/A	L	L
<b>AMW 16 CONDUCT CLOSE AIR SUPPORT (CAS) OF AN AMPHIBIOUS OPERATION USING AIR-LAUNCHED ARMAMENT. (A/C SQUADRONS ONLY.)</b>							
AMW 16.11	Plan, direct, and coordinate CAS of naval/joint/combined amphibious operations using air-launched armament.  Note: Full capability when TACGRU/TACRON and SACC staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>AMW 17 CONDUCT VERTICAL SHORT TAKEOFF AND LANDING (V/STOL) FLIGHT OPERATIONS TO SUPPORT AN AMPHIBIOUS OPERATION.</b>						
AMW 17.1 Conduct day V/STOL flight operations.  I, IA(L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L		L	L
AMW 17.2 Conduct night V/STOL flight operations.  I, IA(L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L		L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>AMW 17.4 Provide conventional ordnance within required A/C turnaround times.</p> <p>Note: Full capability assumes AV-8/AH-1 LFORM class V(A) loaded when AV-8/AH-1 embarked for amphibious operations.</p> <p>Note: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Embarked Marine personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area on flight deck.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A		L	L
<p>AMW 17.5 Conduct V/STOL flight operations during all EMCONS.</p> <p>V(L) - Plan and train.</p>	F	F	F	F	F	L
<p>AMW 17.6 Conduct V/STOL hot and cold refueling operations.</p> <p>I, IA(L) - 3 of 6 refueling spots only.</p> <p>FQ(L) - 3 of 6 refueling spots only; in port 1 of 6.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>AMW 17.7 Serve as V/STOL A/C haven.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
<p>AMW 17.8 Provide electrical power for V/STOL A/C starting, testing, etc.</p>	F	F	F	F	F	F
<p>AMW 17.9 Provide ground handling equipment for loading and spotting V/STOL A/C.</p> <p>I, IA(L) - All tow tractors and 2 of 6 A/C directors only.</p> <p>FQ(L) - Underway 2 of 4 tow tractors and 2 of 6 A/C directors only; in port 1 of 4.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
AMW 17.10	<p>Load/unload ordnance within required A/C turnaround times.</p> <p>Note: Full capability assumes AV-8/AH-1 LFORM class V(A) loaded when AV-8/AH-1 embarked for amphibious operations.</p> <p>Note: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Embarked Marine personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A		L	L
AMW 17.11	<p>Launch/recover A/C to support amphibious operations.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 17.12	Control V/STOL A/C under all conditions of active jamming.  Note: Full capability when TACRON detachment is embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
AMW 17.13	Conduct precision radar controlled approach for A/C under all weather conditions.  III, IV, V(L) - Plan and train.	F	F	F	L	L	L
AMW 17.14	Plan/direct V/STOL flight operations in support of amphibious operation.  Note: Full capability with TACGRU/TACRON staff embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>AMW 19 PERFORM AMW BATTLE DAMAGE ASSESSMENT (BDA) .</b>							
AMW 19.1	Perform AMW BDA.  IV, V(L) - Plan and train.	F	F		F	L	L
AMW 19.2	Coordinate and evaluate AMW BDA.  IV, V(L) - Plan and train.	F	F		F	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>AMW 20 REPAIR OWN UNIT'S AMW EQUIPMENT.</b></p> <p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(L) - Emergency repairs to equipment critical to ship's mission may require standing down selected personnel from their condition I or IA stations.</p>	L	L		F/A	F	F
<p><b>AMW 22 PROTECT/EVACUATE NONCOMBATANT, PERMISSIVE TO NONPERMISSIVE, INCLUDING TRANSPORT TO ATF OR SAFE HAVENS.</b></p>						
<p>AMW 22.1 Plan/direct noncombatant evacuation operations (NEO), permissive to non-permissive, including transport to ATF or safe havens.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>AMW 22.2 Coordinate NEO with State Department representatives.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>AMW 22.3 Conduct NEO, permissive to non-permissive, including transport to ATF or safe havens.</p> <p>I, IA(L) - Selected personnel must stand down from their condition I or IA stations to man NEO stations.</p>	L	L	F/A	F/A	F/A	F/A

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>AMW 23 CONDUCT ADVANCE FORCE OPERATIONS FOR AN AMPHIBIOUS OPERATION.</b></p> <p>Note: Full capability with PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.</p>						
<p>AMW 23.1 Plan/direct advance force operations for an amphibious operation.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 23.2 Conduct advance force operations for an amphibious operation.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 24 CONDUCT DIRECT ACTION AMPHIBIOUS RAIDS.</b></p> <p>Note: Full capability with PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.</p>						
<p>AMW 24.1 Plan/direct direct action amphibious raids.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 24.2 Conduct direct action amphibious raids.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 25 CONDUCT MILITARY OPERATIONS IN URBAN TERRAIN (MOUT) .</b></p> <p>Note: Full capability with PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.</p>						
<p>AMW 25.1 Plan/direct MOUT.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<p>AMW 25.2 Conduct MOUT.</p> <p style="padding-left: 40px;">IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 26 CONDUCT TACTICAL RECOVERY OF A/C AND PERSONNEL (TRAP).</b></p> <p style="padding-left: 40px;">Note: Full capability with PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.</p>						
<p>AMW 26.1 Plan/direct TRAP missions.</p> <p style="padding-left: 40px;">IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 26.2 Conduct TRAP missions.</p> <p style="padding-left: 40px;">IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 27 CONDUCT IN-EXTREMIS HOSTAGE RECOVERY (IHR).</b></p> <p style="padding-left: 40px;">Note: Full capability with PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.</p>						
<p>AMW 27.1 Plan/direct IHR operations.</p> <p style="padding-left: 40px;">IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 27.2 Conduct IHR operations.</p> <p style="padding-left: 40px;">IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 28 CONDUCT INITIAL TERMINAL GUIDANCE MISSIONS.</b></p> <p style="padding-left: 40px;">Note: Full capability with PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.</p>						
<p>AMW 28.1 Plan/direct initial terminal guidance missions.</p> <p style="padding-left: 40px;">IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>AMW 28.2 Conduct initial terminal guidance missions.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 29 CONDUCT SECURITY OPERATIONS TO PROTECT U.S. PROPERTY AND NONCOMBATANTS IN HOSTILE AND NONHOSTILE ENVIRONMENTS.</b></p> <p>Note: Full capability with PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.</p>						
<p>AMW 29.1 Plan/direct security operations to protect U.S. property and noncombatants in hostile and non-hostile foreign environments.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 29.2 Conduct security operations to protect U.S. property and noncombatants in hostile and non-hostile foreign environments.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 31 PROVIDE INSTRUCTION TO NON-U.S. UNITS USING MOBILE TRAINING TEAMS.</b></p> <p>Note: Full capability with PHIBRON staff embarked.</p>						
<p>AMW 31.1 Plan/direct use of mobile training teams to provide instruction to non-U.S. units.</p>					F/A	F/A
<p>AMW 31.2 Conduct use of mobile training teams to provide instruction to non-U.S. units.</p>					F/A	F/A

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>AMW 33 CONDUCT SPECIAL DEMOLITIONS OPERATIONS.</b>						
<p>AMW 33.1 Plan/direct special demolition operations.</p> <p>Note: Full capability with PHIBRON staff and EOD detachment embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 33.2 Conduct special demolition operations.</p> <p>Note: Full capability with EOD detachment embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<b>AMW 34 PROVIDE FIRE SUPPORT CONTROL AND COORDINATION.</b>						
<p>AMW 34.1 Plan/direct fire support control and coordination.</p> <p>Note: Full capability with PHIBRON staff and SACC staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 34.2 Conduct fire support control and coordination.</p> <p>Note: Full capability with SACC staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>AMW 35 CONDUCT LIMITED OBJECTIVE NIGHT ATTACKS.</b></p> <p>Note: Full capability with PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.</p>						
<p>AMW 35.1 Plan/direct limited objective night attacks.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 35.2 Conduct limited objective night attacks.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 36 CONDUCT COUNTERINTELLIGENCE (CI) OPERATIONS.</b></p> <p>Note: Full capability with PHIBRON/MEF/MEB or MEU staff embarked.</p>						
<p>AMW 36.1 Plan/direct CI operations.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>AMW 36.2 Conduct CI operations.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>AMW 38 CONDUCT CI OPERATIONS WITH LOCAL/ALLIED AGENCIES.</b></p> <p>Note: Full capability with PHIBRON staff, MEF/MEB or MEU staff embarked.</p>						
<p>AMW 38.1 Plan/direct CI operations with local/allied agencies.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
AMW 38.2 Conduct CI operations with local/allied agencies.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
<b>AMW 40 CONDUCT NIGHT REINFORCEMENT OPERATIONS.</b>  Note: Full capability with PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.						
AMW 40.1 Plan/direct night reinforcement operations.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
AMW 40.2 Conduct night reinforcement operations.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>AMW 43 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S AMW CAPABILITIES.</b></p> <p>I, IA(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 combat system 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	L
<p><b>AMW 44 LOCATE AND TRACK FRIENDLY FORCES USING THE AMPHIBIOUS ASSAULT DIRECTION SYSTEM, AN/KSQ-1.</b></p> <p>IV, V(L) - Plan and train.</p>		F			L	L
<p><b>ANTI-SUBMARINE WARFARE (ASW)</b></p>						
<p><b>ASW 1 PROVIDE ASW DEFENSE FOR SURFACE FORCES, GROUPS, AND UNITS.</b></p>						
<p>ASW 1.7 Plan/direct ASW defense operations for surface forces, groups and units.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>ASW 2 PROVIDE ASW DEFENSE OF A GEOGRAPHIC AREA.</b>							
ASW 2.6	Plan/direct ASW defense of a geographic area (e.g., assigned AO).  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
<b>ASW 4 CONDUCT AIRBORNE ANTISUBMARINE OPERATIONS.</b>							
ASW 4.7	Plan/direct airborne antisubmarine operations.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>ASW 6 ENGAGE SUBMARINES INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.</b>							
ASW 6.8	Detect, localize, and track subsurface contacts which are at periscope depth visually or with radar.  III, IV(L) - Visual capability provided by bridge watch team and aft lookouts.  V(L) - Plan and train.	F	F		L	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>ASW 6.14 Detect, identify, classify, and track subsurface contacts, which are at periscope depth by electronic warfare support measures (ESM).</p> <p>IV(L) - ESM operator only.</p> <p>V(L) - Plan and train.</p>	F	F		F	L	L
<p>ASW 6.15 Detect, classify and track subsurface contacts, which are at periscope depth by radio direction finding (RDF).</p> <p>IV(L) - ESM operator only.</p> <p>V(L) - Plan and train.</p>	F	F		F	L	L
<p><b>ASW 8 DISENGAGE, EVADE, AVOID AND DECEIVE SUBMARINES.</b></p>						
<p>ASW 8.1 Employ torpedo countermeasures and evasion techniques, including:</p> <p>(a) Torpedo countermeasures towed electromagnetic broadband noisemaker (NIXIE).</p> <p>(b) Surface ship torpedo defense.</p> <p>IA(L) - May require standing down selected personnel from their condition IA stations.</p> <p>IV, V(L) - Plan and train.</p>	F	L/E		F	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>ASW 9 REPAIR OWN UNIT'S ASW EQUIPMENT.</b></p> <p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(L) - Emergency repairs to equipment critical to ship's mission. May require standing down selected personnel from their condition I or IA stations.</p>	L	L		F/A	F	F
<p><b>ASW 13 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S ASW CAPABILITIES.</b></p> <p>I, IA(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	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>AIR WARFARE (AW)</b>							
<b>AW 1 PROVIDE AIR DEFENSE INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.</b>							
AW 1.2	<p>Conduct air self-defense using missile, gun, electronic or physical systems (e.g., chaff, flares).</p> <p>III(L) - Man one rolling airframe missile (RAM) operator station only. For close-in weapon system (CIWS), remote control panels co-manned by other combat information center (CIC) watch stations.</p> <p>IV, V(L) - Plan and train.</p>	F	F		L	L	L
AW 1.3	<p>Coordinate air defense planning and act as air defense commander (ADC) for joint/groups/convoy/expeditionary/amphibious/replenishment operations.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
AW 1.7	<p>Engage air targets during joint/group operations.</p> <p>III(L) - Man one RAM operator station only. For CIWS, remote control panels co-manned by other CIC watch stations.</p> <p>IV, V(L) - Plan and train.</p>	F	F		L	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AW 1.8	Plan/direct air defense.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
AW 1.9	Plan/direct engagement of targets during group operations in cooperation with naval/joint/combined forces.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>AW 2</b>	<b>PROVIDE AIR DEFENSE OF A GEOGRAPHIC AREA (ZONE) INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.</b>						
AW 2.3	Plan/direct air defense and employment of air defense weapons in a geographic area (zone).  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>AW 4</b>	<b>CONDUCT AIR OPERATIONS TO SUPPORT AIRBORNE ANTI-AIR OPERATIONS.</b>  Note: Following contingency AAW capabilities available only when AV-8/AH-1 A/C embarked. AV-8/AH-1 not suitable for routine force AAW combat air patrol (CAP) assignment.						

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AW 4.1	<p>Launch FW and/or RW A/C involved in anti-air operations.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
AW 4.2	<p>Recover FW and/or RW A/C involved in anti-air operations.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
AW 4.5	<p>Provide conventional ordnance to support anti-air operations.</p> <p>Note: Full capability assumes AV-8/AH-1 LFORM class V(A) loaded when AV-8/AH-1 embarked for amphibious operations.</p> <p>Note: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Marine personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area on flight deck.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A		L	L
AW 4.6	<p>Conduct air operations during all EMCON conditions.</p> <p>V(L) - Plan and train.</p>	F	F	F	F	F	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
AW 4.7	<p>Load/unload ordnance within required A/C turnaround times.</p> <p>Note: Full capability assumes AV-8/AH-1 LFORM class V(A) loaded when AV-8/AH-1 embarked for amphibious operations.</p> <p>Note: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Marine personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area on flight deck.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A		L	L
AW 4.8	<p>Conduct air operations under all conditions of active jamming.</p> <p>IV, V(L) - Plan and train.</p>	F	F	F	F	L	L
AW 4.9	<p>Conduct precision radar controlled approach under all weather conditions.</p> <p>III, IV, V(L) - Plan and train.</p>	F	F	F	L	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AW 4.10	Plan/direct air operations to support airborne anti-air operations.  Note: Full capability with TACGRU/TACRON embarked staff.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
AW 4.11	Render safe hazardous explosive ordnance during flight operations and ordnance loading/ unloading evolutions.  Note: Full capability with EOD detachment embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>AW 5 CONDUCT AIRBORNE ANTI-AIR OPERATIONS.</b>							
AW 5.6	Plan/direct airborne offensive counterair (OCA) operations.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
AW 5.7	Plan/direct airborne OCA operations in cooperation with naval/joint/combined forces.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>AW 6</b>	<b>DETECT, IDENTIFY, AND TRACK AIR TARGETS.</b>						
AW 6.2	Recognize by sight friendly and enemy A/C.  III(L) - Capability provided by bridge watch team and aft lookouts.  IV, V(L) - Plan and train.	F	F		L	L	L
AW 6.3	Maintain an accurate air plot.  V(L) - Plan and train.	F	F		F	F	L
AW 6.4	Measure A/C altitude by radar.	F	F		F	F	
AW 6.5	Detect, identify, and track air targets with radar and/or cooperative sensors.  V(L) - Plan and train.	F	F		F	F	L
AW 6.6	Acquire and track air targets with gunfire control systems/missile fire control systems.  III(L) - Man one RAM operator station only. For CIWS, remote control panels co-manned by other CIC watch stations.  IV, V(L) - Plan and train.	F	F		L	L	L
AW 6.7	Detect, classify, and track air targets by ESM.  IV(L) - ESM operator only.  V(L) - Plan and train.	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AW 6.8	Detect, classify, and track air targets by RDF/Combat Direction Finding (DF)/OUTBOARD).  IV(L) - ESM operator only.  V(L) - Plan and train.	F	F		F	L	L
AW 6.10	Correlate on-board sensor targeting information with Link 4A.  IV, V(L) - Plan and train.	F	F		F	L	L
AW 6.11	Detect, identify, and track air targets using night vision devices.  III(L) - Capability provided by bridge watch team and aft lookouts.  IV, V(L) - Plan and train.	F	F	F	L	L	L
AW 6.13	Identify air targets as friendly/non-friendly using transponder interrogation equipment.  IV, V(L) - Plan and train.	F	F	F	F	L	L
AW 6.14	Detect, identify, and track targets using electro-optical-infrared equipment.  III(L) - Capability provided by bridge watch team and aft lookouts.  IV, V(L) - Plan and train.	F	F		L	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AW 6.15	Identify air targets using non-cooperative target recognition.  Note: If equipment is installed.  IV, V(L) - Plan and train.	F	F		F	L	L
<b>AW 7 CONTROL CAP (REQUIRES FULL ALLOWANCE OF AIR INTERCEPT CONTROLLERS (AIC)).</b>							
AW 7.1	Support/conduct air intercept/engagement missions against A/C and subsurface, surface or air-launched missiles.  I, IA, III(L) - One AIC on watch in support of TACGRU/TACRON.  IV, V(L) - Plan and train.	L	L		L	L	L
AW 7.2	Support/conduct CAP/missile/gun coordination.  I, IA, III(L) - One AIC on watch in support of TACGRU/TACRON.  IV, V(L) - Plan and train.	L	L		L	L	L
AW 7.3	Provide continuous multiple air intercept/engagement control capability.  I, IA, III(L) - One AIC on watch in support of TACGRU/TACRON.  IV, V(L) - Plan and train.	L	L		L	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AW 7.4	Control CAP under all conditions of active jamming.  I, IA, III(L) - One AIC on watch in support of TACGRU/TACRON.  IV, V(L) - Plan and train.	L	L		L	L	L
AW 7.5	Plan/direct CAP/missile/gun coordination.  I, IA, III(L) - One AIC on watch in support of TACGRU/TACRON.  IV, V(L) - Plan and train.	L	L		L	L	L
<b>AW 8 ENGAGE AIR TARGETS USING INSTALLED AIR-TO-AIR WEAPONS SYSTEMS.</b>							
AW 8.7	Plan/direct engagement of air targets by air-to-air armament.  I, IA, III(L) - One AIC on watch in support of TACGRU/TACRON.  IV, V(L) - Plan and train.	L	L		L	L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>AW 9</b>	<b>ENGAGE AIRBORNE THREATS USING SURFACE-TO-AIR ARMAMENT.</b>						
AW 9.2	Engage medium/high altitude, high-speed airborne threats with short-range missiles.  Note: Neither North Atlantic Treaty Organization (NATO) Sea Sparrow missile system (NSSMS) or RAM has the capability to engage high altitude threats.  III(L) - Man one RAM operator station only.  IV, V(L) - Plan and train.	F	F		L	L	L
AW 9.3	Engage low altitude threats with missiles.  III(L) - Man one RAM operator station only.  IV, V(L) - Plan and train.	F	F		L	L	L
AW 9.4	Engage low/medium altitude airborne threats with gunfire.  Note: CIWS has no capability against medium altitude threats.  III(L) - For CIWS, remote control panels co-manned by other CIC watch stations.  IV, V(L) - Plan and train.	F	F		L	L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
AW 9.5	Engage airborne threats using installed anti-air weapons.  III(L) - Man one RAM operator station only. For CIWS, remote control panels co-manned by other CIC watch stations.  IV, V(L) - Plan and train.	F	F		L	L	L
AW 9.6	Engage airborne threats utilizing soft-kill weapons systems (i.e., chaff/decoys).  Note: LHA 1 class does not possess decoys.  I, IA(L) - Reloading stations co-manned from other battle stations.  III (L) - No reload capability.  IV, V(L) - Plan and train.	L	L		L	L	L
AW 9.8	Plan/direct engagement of airborne threats by surface-to-air armament.  IV, V(L) - Plan and train.	F	F		F	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>AW 11 REPAIR OWN UNIT'S AW EQUIPMENT.</b></p> <p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(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>	L	L		F/A	F	F
<p><b>AW 12 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S AW CAPABILITIES.</b></p> <p>I, IA(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) - 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	L
<p><b>AW 13 PERFORM AW BDA.</b></p>						
<p>AW 13.1 Perform AW BDA.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AW 13.2	Coordinate and evaluate AW BDA.  IV, V(L) - Plan and train.	F	F		F	L	L
<b>COMMAND, CONTROL AND COMMUNICATIONS (CCC)</b>							
<b>CCC 1 PROVIDE COMMAND AND CONTROL (C2) FACILITIES FOR A TASK ORGANIZATION COMMANDER AND STAFF.</b>							
Note: LHA-1 can adequately support (spaces, equipment, and C2) to an embarked commander, joint TF or to an embarked PHIBRON and MEF/MEU commander.							
CCC 1.1	Support (spaces, facilities and equipment only) embarked warfare commander or coordinator (other than own unit CO).	F	F		F	F	F
CCC 1.2	Provide C2 facilities for embarked warfare commander or coordinator (other than own unit CO).	F	F		F	F	F
CCC 1.3	Provide adequate C2 facilities for embarked landing force commander.	F	F		F	F	F
CCC 1.4	Provide a SACC with facilities for the SACC, landing force fire support coordinator, naval gunfire control officer and supporting personnel.	F	F		F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
CCC 1.5	Provide a tactical air control center (TACC) or tactical air direction center (TADC), as appropriate, with facilities for the tactical air officer (TAO) and/or the tactical air controller (or tactical air director) and his or her staff. Facilities are required for the control of CAS and the coordination of AW, ASW and MIW air and multi-deck helo operations.	F	F		F	F	F
CCC 1.7	Provide a tactical logistics center with facilities for maintaining an accurate accounting of serial locations, maintaining an accurate status of the surface and heliborne ship-to-shore movement, monitoring landing force logistics requests and advising Navy control officials of landing force requirements.	F	F		F	F	F
CCC 1.8	Provide an air operations control center with facilities for the control and direction of helos when operating independently (without embarked staff).	F	F		F	F	F
CCC 1.9	Provide a signal/electronic warfare coordination center with facilities for operations and intelligence personnel.	F	F		F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
CCC 1.10 Provide a helo logistic support center with facilities for the helo logistic coordinator and supporting personnel.	F	F		F	F	F
CCC 1.11 Provide an integrated tactical AMW data system, including the amphibious support information system.	F	F		F	F	F
CCC 1.12 Provide an intelligence center with facilities for embarked staff for production of required intelligence.  Note: Use sensitive compartmented information (SCI) communications.	F	F		F	F	F
CCC 1.13 Provide communications support for embarked warfare commander or coordinator.	F	F		F	F	F
CCC 1.14 Provide a CIC or combat direction center (CDC) with facilities for a staff watch officer.	F	F		F	F	F
CCC 1.15 Provide an integrated tactical AMW data system, including the tactical information processing system.	F	F		F	F	F

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>CCC 2 COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</b>							
CCC 2.1	<p>Coordinate the reconnaissance of multiple surface, subsurface and/or air contacts.</p> <p>Note: Full capability with PHIBRON and TACGRU/TACRON staff embarked.</p> <p>V(L) - Plan and train.</p>	F/A	F/A		F/A	F/A	L
CCC 2.2	<p>Function as ADC for force or sector.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
CCC 2.6	<p>Function as force or sector officer in tactical command/composite warfare commanders (CWC) (or alternate) to coordinate and control SG/TF operations.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
CCC 2.8	<p>Function as on-scene commander for a SAR operation.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
CCC 2.9	<p>Establish a TACC and/or TADC as appropriate to support the TAO. TACC will control and/or coordinate all fixed wing air assets within the assigned AO.</p> <p>Note: Full capability when TACRON detachment is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
CCC 2.10	<p>Establish a helo coordination section (HCS) to support the TAO. Through helicopter direction center, HCS will coordinate helo operations within the assigned AO during multi-deck operations.</p> <p>Note: Full capability when TACRON detachment is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
CCC 2.11	<p>Control CAS A/C in support of amphibious operations in coordination with other supporting arms.</p> <p>Note: Full capability when TACRON detachment and SACC staff is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>CCC 2.12 Coordinate and control air SAR operations in the assigned AO.</p> <p>Note: Full capability when TACRON detachment is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>CCC 2.15 Function as one or more of the following coordinators for force or sector:</p> <p>(a) Air element coordinator.</p> <p>(d) Screen coordinator.</p> <p>(f) Force air track coordinator.</p> <p>(g) Force surface track coordinator.</p> <p>(h) Force track coordinator.</p> <p>(j) Force over-the-horizon track coordinator.</p> <p>(k) SG logistics coordinator.</p> <p>(l) Alternate information warfare commander (IWC).</p> <p>(n) Helo element command.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>CCC 2.16 Assist in the planning of AW, SUW, and ASW for the coordination of air operations in the assigned AO.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
<p>CCC 2.17 Coordinate and control naval beach group and other designated naval support element units engaged in amphibious landing operations.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>CCC 2.18 Function as a surface warfare commander for force or sector.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
<p>CCC 2.22 Function as IWC for SG, naval/joint/combined force or sector.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>CCC 2.25 Coordinate and direct forces in response to battle damage/catastrophe at sea.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<p>CCC 2.26 Plan, coordinate, and direct shift of warfare commander and alternate warfare commander responsibilities.</p> <p>Note: Requires embarked PHIBRON staffs.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<b>CCC 3 PROVIDE OWN UNIT'S C2 FUNCTIONS.</b>						
<p>CCC 3.1 Maintain a CIC or CDC capable of collecting, processing, displaying, evaluating, and disseminating tactical information.</p>	F	F		F	F	F
<p>CCC 3.3 Provide all personnel services, programs and facilities to safeguard classified material and information.</p>	F	F		F	F	F
<p>CCC 3.4 Carry out emergency destruction of classified material and equipment rapidly and efficiently.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>CCC 3.5 Employ identification friend or foe (IFF) selective identification feature including secure IFF mode 4.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
CCC 3.6	Coordinate and control the operation of remotely piloted vehicles (RPV).  I, IA, FQ, III, IV, V(L) - Provide facilities, coordination and support for embarked RPV or unmanned aerial vehicle (UAV) units.	L	L	L	L	L	L
CCC 3.7	Maintain a CIC or CDC capable of supporting a TAO.	F	F		F	F	F
CCC 3.8	Establish voice communications with USMC evacuation and command nets and/or naval support activity net.  IV, V(L) - Plan and train.	F	F		F	L	L
CCC 3.11	Establish voice communications with supported forces.  V(L) - Plan and train.	F	F		F	F	L
CCC 3.13	Maintain a tactical flag command center capable of collecting, processing, displaying, evaluating and disseminating tactical information.  V(L) - Plan and train.	F	F		F	F	L
<b>CCC 4 MAINTAIN NAVY TACTICAL DATA SYSTEM (NTDS) OR DATA LINK CAPABILITY.</b>							
CCC 4.1	Provide Link 4A control of airborne CAP.  IV, V(L) - Plan and train.	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
CCC 4.3	Transmit/receive and support Link 11.  V(L) - Plan and train.	F	F		F	F	L
CCC 4.4	Receive data link information from airborne ASW A/C.  NOTE: Able to receive only Link 11/Link 16.  IV, V(L) - Plan and train.	F	F		F	L	L
CCC 4.5	Receive and process data link information from satellite communications (SATCOM).  V(L) - Plan and train.	F	F		F	F	L
CCC 4.6	Receive and process data link information from high frequency (HF) systems.  V(L) - Plan and train.	F	F		F	F	L
CCC 4.8	Provide Link 16 Joint Tactical Information Distribution System control of airborne CAP.  IV, V(L) - Plan and train.	F	F		F	L	L
CCC 4.9	Transmit/receive and support link 16 surveillance, navigation and identification circuits.  IV, V(L) - Plan and train.	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
CCC 4.10	Transmit/receive and correlate targeting information with Link 4A.  IV, V(L) - Plan and train.	F	F		F	L	L
CCC 4.11	Receive data link tracks from airborne AW A/C.  V(L) - Plan and train.	F	F		F	F	L
CCC 4.12	Manage, coordinate, and direct air assets (air wing, group or joint A/C) in SUW/STW using data links.  IV, V(L) - Plan and train.	F	F		F	L	L
CCC 4.13	Transmit/receive data via Global Command and Control System - Maritime (GCCS-M).  IV, V(L) - Plan and train.	F	F		F	L	L
<b>CCC 6 PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>							
CCC 6.1	Maintain tactical voice communications.	F	F		F	F	F
CCC 6.2	Maintain visual communications.  I, IA(L) - Work one contact.  III, IV(L) - Initial limited response to visual signal provided by bridge area watch team. Experienced visual specialist on-call.  V(L) - Work one contact for administrative traffic.	L	L		L	L	L/A

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
CCC 6.5	Maintain full duplex, cryptographically covered HF teletype/data circuits.	F	F		F	F	F
CCC 6.6	Process messages.  III, IV, V(L) - Man two of three watch stations.	F	F		L	L	L
CCC 6.10	Maintain voice/teletype/computer data cryptographically covered SATCOM circuits.  NOTE: Provide tactical, secure, anti-jam extremely high frequency (EHF) and super high frequency (SHF) voice/data communications.	F	F		F	F	F
CCC 6.11	Establish and maintain fixed combat communications and relay support for NSW operations.  IV, V(L) - Plan and train.	F	F		F	L	L
CCC 6.12	Maintain internal communications systems.	F	F		F	F	F
CCC 6.13	Maintain capability for low probability of intercept HF communications.  V(L) - Plan and train.	F	F		F	F	L
CCC 6.15	Maintain frequency database.	F	F		F	F	F
CCC 6.16	Provide tactical, secure, anti-jam ultrahigh frequency (UHF) voice communications.  V(L) - Plan and train.	F	F		F	F	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
CCC 6.17 Provide tactical, secure, antijam very-high frequency (VHF) voice communications.  V(L) - Plan and train.	F	F		F	F	L
CCC 6.19 Provide tactical, secure voice or data communications.	F	F		F	F	F
CCC 6.20 Provide internal ship signal exploitation space communications system.  V(L) - Plan and train.	F	F		F	F	L
CCC 6.21 Provide officer in tactical command information exchange subsystem (OTCIXS).  V(L) - Plan and train.	F	F		F	F	L
CCC 6.22 Provide tactical data information exchange system (TADIXS).  V(L) - Plan and train.	F	F		F	F	L
CCC 6.23 Provide TADIXS B.  V(L) - Plan and train.	F	F		F	F	L
CCC 6.24 Maintain common user digital information exchange system (CUDIXS)/ Naval Modular Automated Communications Subsystem communications.  V(L) - Plan and train.	F	F		F	F	L

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<p>CCC 6.25 Maintain submarine satellite information exchange system (SSIXS) communications.</p> <p>Note: LHA does not have SSIXS but has battle group (BG) information exchange system, which is replacement for SSIXS.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>CCC 6.27 Provide SG information exchange subsystem.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p><b>CCC 8 PROVIDE A RELIABLE AND SURVIVABLE COMMUNICATIONS RELAY CAPABILITY TO DEPLOYED STRATEGIC FORCES.</b></p> <p>V(L) - Communications on harbor common and other voice circuits as directed.</p>	<b>F</b>	<b>F</b>		<b>F</b>	<b>F</b>	<b>L</b>
<p><b>CCC 9 RELAY COMMUNICATIONS.</b></p>						
<p>CCC 9.1 Relay visual communications.</p> <p>I, IA(L) - Work one contact.</p> <p>III, IV(L) - Initial limited response to visual signal provided by bridge area watch team. Experienced visual specialist on call.</p> <p>V(L) - Work one contact for administrative traffic.</p>	L	L		L	L	L
<p>CCC 9.3 Relay electronic communications.</p>	F	F		F	F	F

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>CCC 10 PROVIDE SPECIAL COMMUNICATIONS.</b>  V(L) - Plan and train.	<b>F</b>	<b>F</b>		<b>F</b>	<b>F</b>	<b>L</b>
<b>CCC 11 CONDUCT A/C CONTROL FUNCTIONS.</b>						
CCC 11.2 Act as air raid reporting control ship.  IV, V(L) - Plan and train.	F	F		F	L	L
CCC 11.3 Act as A/C control unit for AW, ASW, SUW and/or STW.  Note: Full capability with PHIBRON staff and TACRON detachment embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
CCC 11.5 Act as NTDS Link 11 net control ship/station.  IV, V(L) - Plan and train.	F	F		F	L	L
<b>CCC 12 MAINTAIN CAPABILITY TO SUPER ENCRYPT CRYPTOGRAPHICALLY COVERED COMMUNICATIONS CIRCUITS.</b>  IV, V(L) - Plan and train.	<b>F</b>	<b>F</b>		<b>F</b>	<b>L</b>	<b>L</b>
<b>CCC 13 PROVIDE COMMUNICATIONS SUPPORT FOR SHORE BASED, SURFACE, SUBMARINE, OR AIR UNITS.</b>						
CCC 13.1 Provide surface/submarine primary ship/shore circuit(s).  IV, V(L) - Plan and train.	F	F		F	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
CCC 13.2 Provide air/surface single channel ship/shore termination via serial tone modem.  IV, V(L) - Plan and train.	F	F		F	L	L
CCC 13.5 Provide air/surface/submarine secure voice ship/shore support.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.6 Key/re-key surface multi-channel broadcast.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.7 Key/re-key air/surface single channel broadcast (HF, or satellite).  V(L) - Plan and train.	F	F		F	F	L
CCC 13.12 Provide harbor common voice net support.					F	F
CCC 13.13 Provide satellite high command worldwide voice network voice net support.	F	F		F	F	
CCC 13.14 Provide air-to-ground ASW support.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.16 Provide link 11 support.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.19 Provide OTCIXS support.  V(L) - Plan and train.	F	F		F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
CCC 13.20	Provide Navy Tactical Command System-Afloat (NTCS-A) support.  Note: The GCCS-M has replaced NTCS-A.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.21	Provide local airfield communications support.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.22	Provide SAR communications support.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.23	Provide combat systems support (CSS).  V(L) - Plan and train.	F	F		F	F	L
CCC 13.24	Provide CUDIXS support.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.27	Provide electronic message delivery.	F	F		F	F	F
CCC 13.29	Provide HF/UHF/EHF or very low frequency (VLF)/LF transmitter support.  Note: HF/UHF/EHF and SHF only. VLF or LF not installed.  V(L) - Plan and train.	F	F		F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
CCC 13.30	Provide HF/UHF/EHF or LF receiver support.  Note: HF/UHF/EHF and SHF only. VLF or LF not installed.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.32	Provide Fleet Marine Force mobile command circuit.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.33	Key/rekey NATO broadcast.  Note: Applies to single channel broadcast.  V(L) - Plan and train.	F	F		F	F	L
CCC 13.37	Provide tactical intelligence exchange subsystem (TACINTEL) support.  NOTE: Special Compartmented Information Automated Digital Network System (SCI-ADNS) has replaced TACINTEL.  V(L) - Plan and train.	F	F		F	F	L
<b>CCC 18</b>	<b>DEVELOP, COORDINATE AND CONTROL COMMUNICATIONS PLANS FOR INTEGRATED GROUP COMMUNICATIONS AMONG WARFARE COMMANDERS AND/OR NAVAL, COMBINED OR JOINT FORCES.</b>  V(L) - Plan and train.	<b>F</b>	<b>F</b>		<b>F</b>	<b>F</b>	<b>L</b>

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<p><b>CCC 19 REPAIR OWN UNIT'S CCC EQUIPMENT.</b></p> <p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(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>	L	L		F/A	F	F
<p><b>CCC 20 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S CCC CAPABILITIES.</b></p> <p>I, IA(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	L
<b>FORCE HEALTH PROTECTION (FHP)</b>						
<b>FHP 23 PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.</b>						
FHP 23.1 Conduct sick call.				F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
FHP 23.2 Conduct physical examinations.				F	F	F
<p>FHP 23.3 Conduct lab diagnostic services requiring the following personnel:</p> <p>(b) Laboratory technicians.</p> <p>I, IA(L) - Battle casualty support.</p>	L	L		F	F	F
<p>FHP 23.4 Conduct basic ward care.</p> <p>Note: Full ward care available when FST embarked.</p> <p>IV, V(L) - Ward care limited to patients not requiring special nursing skills or monitoring.</p>	F/E	F/E		F/E	L	L
FHP 23.5 Conduct sanitation and safety inspections.				F	F	F
<p>FHP 23.6 Conduct occupational health/safety and preventative medicine programs and training using the following personnel:</p> <p>(a) Hospital corpsmen.</p> <p>(b) Preventative medicine technicians.</p>				F	F	F
<p>FHP 23.8 Conduct pharmacy services requiring the following personnel:</p> <p>(b) Pharmacy technicians.</p>	F	F		F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>FHP 23.9 Conduct associated administrative/maintenance services:</p> <p>(a) Maintain adequate medical supplies for appropriate level health care.</p> <p>(b) Conduct bio-medical/dental equipment repair, installation, inspection, calibration, and maintenance services.</p> <p>(c) Provide patient/casualty administrative services.</p> <p>(d) Perform routine medical administrative services.</p> <p>Note: Battle casualty support during condition I and IA.</p>	F	F		F	F	F
<p>FHP 23.10 Conduct on-site emergency medical treatment during hazardous evolutions including FQ and underway replenishment/refueling and amphibious assault boat operations.</p>		F	F	F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FHP 23.11	<p>Conduct ocular diagnostic and therapeutic services requiring the following personnel:</p> <p>(a) Hospital corpsman. (zz) Other - primary care medical officer.</p> <p>Note: Authorized Minimal Medical Allowance List supplies, equipment and trained personnel.</p>	F	F		F	F	F
FHP 23.12	<p>Conduct radiological diagnostic services requiring the following personnel:</p> <p>(a) Hospital corpsmen. (b) Radiological technicians.</p>	F	F		F	F	F
FHP 23.13	Provide central sterile supply service functions.	F	F		F	F	F
FHP 23.14	Conduct orthopedic casting services.	F	F		F	F	F
FHP 23.15	<p>Conduct disease and vector control planning and operations.</p> <p>I, IA(L) - Battle casualty support.</p>	L	L		F	F	F
FHP 23.16	<p>Conduct optometric services requiring the following personnel:</p> <p>(a) Hospital corpsmen.</p>				F	F	F
FHP 23.17	Identify, equip, and maintain suitable spaces to provide medical care.	F	F		F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FHP 23.18	Identify, equip, and maintain adequate storage spaces for medical equipment and medical supplies.	F	F		F	F	F
FHP 23.19	Provide medical care, triage and resuscitation commensurate with health care provider credentials using the following personnel:  (a) Independent duty corpsman. (c) Medical officer. (zz) Other - surgical specialist augmentee. (zz) Other - nurse corps officer augmentee.	F	F		F	F	F
FHP 23.20	Provide obstetrics and gynecological medical care commensurate with health care provider credentials using following personnel:  (a) Independent duty hospital corpsman. (b) Medical officer.  I, IA(L) - Battle casualty support.	L	L		F	F	F
<b>FHP 24 PROVIDE FIRST AID ASSISTANCE.</b>							
FHP 24.1	Identify, equip, and maintain appropriate first aid spaces.	F	F		F	F	F
FHP 24.2	Train assigned and embarked personnel in first aid, self and buddy aid procedures.				F	F	F

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FHP 24.3 Train stretcher-bearers.				F	F	F
<b>FHP 25 PROVIDE TRIAGE OF CASUALTIES/PATIENTS.</b>						
FHP 25.1 Identify, equip, and maintain suitable triage spaces.	F	F		F	F	F
FHP 25.2 Train assigned and embarked personnel in triage care.				F	F	F
FHP 25.3 Provide administrative support to augmentation personnel/associated equipment that are assigned to triage and chemical, biological, and radiological (CBR) decontamination stations.	F	F		F	F	F
FHP 25.4 Train designated non-medical personnel to assist in triage management care for CBR contamination casualties.				F	F	F
FHP 25.5 Train designated non-medical personnel in CBR casualty decontaminated procedures.				F	F	F
FHP 25.6 Train designated supervisory medical personnel in oversight procedures during CBR casualty decontamination.				F	F	F
FHP 25.7 Provide medical treatment for CBR casualties.	F	F		F	F	F
<b>FHP 26 PROVIDE MEDICAL/SURGICAL TREATMENT FOR CASUALTIES/PATIENTS.</b>						
FHP 26.1 Identify, equip, and maintain suitable resuscitation spaces.	F	F		F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
FHP 26.2 Train assigned and embarked personnel in resuscitation.				F	F	F
FHP 26.3 Provide administrative support to resuscitation-trained augmented personnel and their associated equipment.	F	F		F	F	F
FHP 26.4 Identify, equip, and maintain adequate medical supply storage spaces for appropriate level of resuscitation.	F	F		F	F	F
FHP 26.5 Identify, equip, and maintain suitable spaces for emergency minor surgery.	F	F		F	F	F
<p>FHP 26.6 Identify, equip, and maintain suitable operating room(s) for use by the following personnel:</p> <p>(a) Medical officers. (b) General surgeons. (c) Surgical specialists.</p>	F	F		F	F	F
FHP 26.7 Identify, equip, and maintain suitable procedure space for emergency response, stabilization and casualty transfer.	F	F		F	F	F
<p>FHP 26.8 Provide emergency response, stabilization and transfer by specialized teams of physicians, nurses, and technicians.</p> <p>Note: Augmentation of ship's medical department by FST required to achieve full capability.</p>	F/E	F/E		F/E	F/E	

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>FHP 27 PROVIDE MEDICAL, SURGICAL, POST-OPERATIVE AND NURSING CARE FOR CASUALTIES/PATIENTS.</b></p> <p>Note: Ship must be capable of providing treatment and care for up to 300 combat casualties (100 surgical cases) when medical department is augmented to wartime manning.</p>						
<p>FHP 27.1 Provide hospital beds:</p> <p>(a) Intensive care. (b) Ward.</p> <p>Note: When augmented in port by FST.</p>	F	F		F	F	F/E
<p>FHP 27.2 Provide quiet room beds.</p> <p>Note: When augmented in port by FST.</p>	F	F		F	F	F/E
<p>FHP 27.3 Provide blood bank capabilities.</p> <p>Note: When augmented in port by FST.</p>	F	F		F	F	F/E
<p>FHP 27.4 Provide suitable care for the dead.</p>	F	F		F	F	F
<p>FHP 27.5 Provide surgery by primary care medical officer.</p> <p>Note: When augmented in port by FST.</p>	F	F		F	F	F/E

LHA 1 CLASS		I	IA	FQ	III	IV	V
FHP 27.6	Provide surgery by general surgeon.  Note: Augmentation of ship's medical department by FST required to achieve full capability.	F/E	F/E		F/E	F/E	
FHP 27.7	Provide surgery by surgical specialists and subspecialists.  Note: Augmentation of ship's medical department by FST required to achieve full capability.	F/E	F/E		F/E	F/E	
FHP 27.9	Provide frozen blood bank capabilities.	F	F		F	F	F
FHP 27.10	Provide recovery beds.  Note: Augmentation of ship's medical department by FST required to achieve full capability.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
FHP 27.11	Conduct convalescent ward care.  Note: Full ward care available when FST is embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>FHP 27.12 Provide administrative support to augmented nursing services personnel and their associated equipment.</p> <p>I, IA(L) - Battle casualty support.</p> <p>IV, V(L) - Plan and train.</p>	L	L		F	L	L
<p><b>FHP 28 PROVIDE MEDICAL REGULATION, TRANSPORT/EVACUATION AND RECEIPT OF CASUALTIES/PATIENTS.</b></p> <p>Note: Ship's company augmented by Marine personnel. Well deck operations manned by ship's company.</p>						
<p>FHP 28.1 Provide appropriate equipment to conduct medical evacuation.</p>	F	F		F	F	F
<p>FHP 28.2 Train assigned and embarked personnel in medical regulation procedures.</p>				F	F	F
<p>FHP 28.3 Provide administrative support to augmented medical regulation personnel and their associated equipment.</p>	F	F		F	F	F
<p>FHP 28.4 Transport and/or provide casualty/patient evacuation.</p> <p>Note: Stabilization for transport by ambulance to shore facility while in port.</p>	F	F		F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
FHP 28.5 Train assigned and embarked personnel in medical evacuation procedures.				F	F	F
<p>FHP 28.6 Receive casualties/patients via surface and/or air.</p> <p>Note: During condition III, full capability is achieved with embarkation of primary casualties receiving treatment medical/dental unit.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	F/A	L	L
<p>FHP 28.7 Coordinate and control casualty/patient evacuation operations.</p> <p>Note: Full capability with primary casualties receiving treatment medical/dental unit embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
FHP 28.8	Maintain a casualty/patient information center capable of collecting, processing, displaying, evaluating and disseminating casualty/patient information.  Note: Full capability with primary casualties receiving treatment medical/dental unit embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
FHP 28.10	Provide aeromedical evacuation of casualties/patients.  Note: During condition III, full capability is achieved with embarkation of primary casualties receiving treatment medical/dental unit.  I, IA(L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L	F/A	L	L
FHP 28.11	Provide all support needed to augmentation personnel/equipment assigned to medical regulation.	F	F		F	F	F

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>FHP 29 PROVIDE ROUTINE AND EMERGENCY DENTAL CARE.</b>						
FHP 29.1 Conduct dental sick call.				F	F	F
FHP 29.2 Conduct dental examinations.  I, IA - Battle casualties.	L	L		F	F	F
FHP 29.3 Conduct a preventive dentistry program including oral prophylaxis and topical fluoride application.				F	F	F
FHP 29.4 Identify, equip, and maintain suitable spaces to conduct dental care.	F	F		F	F	F
FHP 29.5 Identify, equip, and maintain adequate storage spaces for dental equipment and supplies.				F	F	F
FHP 29.6 Provide central dental sterile supply services.	F	F		F	F	F
FHP 29.7 Conduct dental radiographic services:  (a) Intraoral capability. (b) Panoramic capability.  I, IA - Battle casualties.	L	L		F	F	F
<b>FHP 30 PROVIDE DEFINITIVE DENTAL CARE FOR CASUALTIES AND PATIENTS.</b>						
FHP 30.1 Provide restorative treatment and minor oral surgery including tooth extraction.  I, IA(L) - Battle casualties.	L	L		F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>FHP 30.2 Provide periodontal treatment including periodontal surgery.</p> <p>III, IV, V(L) - Emergency only.</p>				L	L	L
<p>FHP 30.3 Provide endodontic treatment.</p> <p>III, IV, V(L) - Emergency only.</p>				L	L	L
<p>FHP 30.4 Provide dental prosthesis fabrication and repair:</p> <p>(a) Limited service laboratory.</p> <p>III, IV, V(L) - Emergency only.</p>				L	L	L
<p><b>FHP 31 PROVIDE ORAL SURGERY/MAXILLOFACIAL CARE FOR CASUALTIES/PATIENTS.</b></p>						
<p>FHP 31.1 Identify, equip, and maintain suitable oral/maxillofacial surgical spaces.</p>	F	F		F	F	F
<p>FHP 31.2 Provide all support needed to augmentation personnel/equipment assigned to provide oral surgery/maxillofacial care for casualties/patients.</p>	F	F		F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>FHP 32 PROVIDE AVIATION/DIVING MEDICINE SERVICES.</b>						
<p>FHP 32.1 Conduct physical and psychological examinations of candidate and aeronautically designated personnel.</p> <p>III, IV(L) - Flight surgeon provided by embarked squadron.</p>				L/A	L/A	
<p>FHP 32.5 Provide aeromedical expertise in A/C mishap investigations and aviation specific administrative matters.</p> <p>III, IV(L) - Flight surgeon provided by embarked squadron.</p>				L/A	L/A	
<p>FHP 32.6 Provide aeromedical expertise in aeromedical evacuation of patients.</p> <p>III, IV(L) - Flight surgeon provided by embarked squadron.</p>				L/A	L/A	
<p>FHP 32.7 Provide aeromedical consultation to embarked commanders.</p> <p>III, IV(L) - Flight surgeon provided by embarked squadron.</p>				L/A	L/A	

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>FHP 33 CONDUCT MEDICAL SUPPORT AND SERVICES ABOARD AMPHIBIOUS SHIPS IDENTIFIED AS PRIMARY CASUALTY RECEIVING TREATMENT SHIPS.</b></p> <p>Note: Full capability with primary casualties receiving treatment medical/dental unit embarked.</p>	F/A	F/A		F/A		
<p><b>FHP 35 AUGMENT ASSIGNED AND EMBARKED MEDICAL PERSONNEL.</b></p>						
<p>FHP 35.1 Augment medical personnel by providing first aid assistance.</p>	F	F		F	F	F
<p>FHP 35.2 Augment medical personnel by providing triage assistance.</p>	F	F		F	F	F
<p>FHP 35.3 Augment medical personnel by providing resuscitation and stabilization assistance.</p>	F	F		F	F	F
<p><b>FHP 36 PROVIDE MEDICAL/DENTAL SUPPORT SERVICES TO OTHER UNITS/MILITARY SERVICES.</b></p>						
<p>FHP 36.1 Provide medical support services and medical equipment and supplies.</p>				F	F	F
<p>FHP 36.2 Provide dental support services including dental equipment and supplies.</p>				F	F	F
<p>FHP 36.3 Provide emergency back-up equipment and supplies to USMC organic medical/dental units.</p>				F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>FLEET SUPPORT OPERATIONS (FSO)</b>						
<b>FSO 1 REPAIR AND OVERHAUL SHIPS, A/C AND ASSOCIATED EQUIPMENT.</b>						
FSO 1.1 Provide the following services:  (a) Machine shop. (b) Outside machine shop. (c) Machinery repair. (f) Metalsmith. (g) Shipfitter. (I) Rigging and handling. (j) Weight testing. (m) Patternmaker. (o) Printing. (q) Photography (including underwater photography, underwater color video tape photography). (r) Technical library. (t) Radiac calibration. (v) Drafting. (x) Pipe and pressure hull welding (nuclear and non-nuclear). (y) Non-destructive test services.	L/A	L/A		F/A	F/A	F/A

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>Note: For LCACs, routine repairs performed by the LCACs crews and the assault craft sea element repair divisions; the ship may provide assistance to repair emergent casualties. Provide services to other units using amphibious ready group intermediate maintenance as directed by the force commander to maintain force readiness.</p> <p>I, IA(L) - Battle repairs only. Select LCAC personnel may have to stand down from their watch stations to provide support. For LCACs, assistance may have to be obtained from assault craft sea element repair divisions embarked in another ship.</p>						

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FSO 1.2	<p>Provide repair services for:</p> <p>(a) Pipe and lagging repair.</p> <p>(b) A/C.</p> <p>(d) Flexible hose.</p> <p>(e) Interior communications (IC).</p> <p>(g) Photographic equipment.</p> <p>(h) Machinery.</p> <p>(l) LCAC.</p> <p>(zz) Other - corrosion control.</p> <p>Note: For LCACs, routine repairs performed by the LCACs crews and the assault craft sea element repair divisions; the ship may provide assistance to repair emergent casualties. Provide services to other units using amphibious ready group intermediate maintenance as directed by the force commander to maintain force readiness.</p> <p>I, IA(L) - Battle repairs only. Selected aviation intermediate maintenance department (AIMD), LCAC and embarked squadron personnel may have to stand down from their watch stations to provide support. For LCACs, assistance may have to be obtained from assault craft sea element repair divisions embarked in another ship.</p>	L/A	L/A		F/A	F/A	F/A

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FSO 1.3	<p>Provide repair and inspection services for:</p> <p>(a) Boiler.            (b) Electrical and gyro systems.            (d) Internal combustion engines.            (f) Microelectronics.</p> <p>Note: For LCACs, routine repairs performed by the LCACs crews and the assault craft sea element repair divisions; the ship may provide assistance to repair emergent casualties. For repairing other ships in company, augmentation by technical and supply support personnel from a regional maintenance center is required.</p> <p>I, IA(L) - Battle repairs only. Selected AIMD, LCAC and embarked squadron personnel may have to stand down from their watch stations to provide support. For LCACs, assistance may have to be obtained from assault craft sea element repair divisions embarked in another ship.</p>	L/A	L/A		F/A	F/A	F/A

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>FSO 1.10 Provide intermediate level A/C maintenance.</p> <p>Note: For A/C, augmentation by technical and supply support personnel from embarked squadrons required. For LCACs, routine repairs performed by the LCACs crews and the assault craft sea element repair divisions; the ship may provide assistance to repair emergent casualties.</p> <p>I, IA(L) - Battle repairs only. Selected AIMD, LCAC and embarked squadron personnel may have to stand down from their watch stations to provide support. For LCACs, assistance may have to be obtained from assault craft sea element repair divisions embarked in another ship.</p>	L/A	L/A		F/A	F/A	F/A
<p>FSO 1.14 Provide inspection, test, calibration or repair services for:</p> <p>(i) Sheet metal. (r) Valve. (s) Internal combustion engine. (t) Hydraulics. (u) Pump repair. (ac) Electrical repair. (ad) Electrical instrument. (ah) Pipe.</p>	L/A	L/A		F/A	F/A	F/A

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>(ai) Refrigeration and air conditioning.</p> <p>(aj) Flexible hose.</p> <p>(am) Electronics.</p> <p>(an) Electronic calibration lab.</p> <p>(at) Antenna.</p> <p>(aw) Riggers.</p> <p>(bt) Mechanical instrument repair and calibration shops).</p> <p>(bu) Mechanical standards.</p> <p>(zz) Other personal computers.</p> <p>Note: For LCACs, routine repairs performed by the LCACs crews and the assault craft sea element repair divisions; the ship may provide assistance to repair emergent casualties. Provide services to other units using amphibious ready group intermediate maintenance as directed by the force commander to maintain force readiness.</p> <p>I, IA(L) - Battle repairs only. Selected AIMD, LCAC and embarked squadron personnel may have to stand down from their watch stations to provide support. For LCACs, assistance may have to be obtained from assault craft sea element repair divisions embarked in another ship.</p>						

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>FSO 3 PROVIDE SUPPORT SERVICES TO OTHER UNITS.</b>						
<p>FSO 3.1 Provide the following services to other units:</p> <ul style="list-style-type: none"> <li>(a) Administrative services.</li> <li>(b) Automated data processing support.</li> <li>(c) Disbursing.</li> <li>(d) Classified material storage.</li> <li>(e) Legal services.</li> <li>(f) Chaplain services.</li> <li>(g) Library services.</li> <li>(h) Ship store.</li> <li>(i) Laundry.</li> <li>(j) Dry cleaning.</li> <li>(k) Barber shop.</li> <li>(p) Photographic processing.</li> </ul> <p>Note: Legal services are limited services provided by the legal rating (LN) personnel and not requiring a judge advocate general (JAG) officer. A JAG would only be assigned during wartime manning (M+1; one additional end strength during wartime).</p> <p>III, IV, V(L) - Capable of providing only limited administrative services to embarked units and limited services to units in company on an emergency basis.</p>				L	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FSO 3.3	Support A/C (when assigned).  I, IA(L) - Battle repairs only. Selected AIMD personnel may have to stand down from their watch stations to provide support.	L	L		F	F	F
<b>FSO 5 CONDUCT TOWING/SEARCH/SALVAGE/RESCUE OPERATIONS.</b>							
FSO 5.1	Conduct towing operations.  Note: During condition I, stand down other battle stations. During condition III, requires augmentation from off-watch personnel.  IV, V(L) - Plan and train.	F/A			F/A	L	L
FSO 5.3	Conduct rescue operations.  V(L) - Plan and train.	F	F		F	F	L
FSO 5.15	Plan/direct towing, search, salvage and/or rescue operations.  V(L) - Plan and train.	F	F		F	F	L
FSO 5.17	Prepare a vessel or craft to be towed.  V(L) - Plan and train.	F	F		F	F	L
FSO 5.18	Augment a towing vessel in the conduct of towing operations.  V(L) - Plan and train.	F	F		F	F	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>FSO 6 SUPPORT/CONDUCT SAR OPERATIONS IN A COMBAT/NONCOMBAT ENVIRONMENT.</b>							
FSO 6.1	<p>Support/conduct combat/noncombat SAR operations by fixed or rotary wing A/C.</p> <p>Note: Noncombat, daylight operations only. Night SAR capability with the use of night SAR-capable helo from embarked squadron.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
FSO 6.2	<p>Conduct combat/noncombat SAR operations by surface ships.</p> <p>I, IA(L) - Selected personnel must stand down from condition I or IA stations to man SAR boat or deck recovery details.</p>	L/E	L/E		F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>FSO 6.4 Recover man overboard.</p> <p>Note: Noncombat, daylight operations only. Night SAR with the use of night SAR capable helo from embarked squadron.</p> <p>Note: Selected personnel must stand down from condition I or IA stations to man SAR boat or deck recovery details.</p> <p>I, IA(L) -6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots; in port 2 spots.</p> <p>III, IV, V(L) - Search and recovery requires off-watch personnel special teams or details to man SAR boat or deck recovery details.</p>	L	L	L	L/E	L/E	L/E

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FSO 6.5	<p>Support/perform plane guard/lifeguard functions.</p> <p>Note: Noncombat, daylight operations only. Night SAR capability with the use of night SAR-capable helo from embarked squadron.</p> <p>Note: Selected personnel must stand down from condition I or IA stations to man SAR boat or deck recovery details.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
FSO 6.7	<p>Conduct general surveillance.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
FSO 6.8	<p>Acquire and display distress data.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
FSO 6.9	<p>Report situation assessment.</p>	F	F		F	F	F
FSO 6.10	<p>Coordinate SAR operations.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
FSO 6.11	<p>Conduct multi-unit SAR operations.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FSO 18.3	Provide oral surgery/ maxillofacial care.  Note: Full capability with primary casualties receiving treatment medical/dental unit embarked.  IV, V(L) - Basic surgery for echelon 2 services.	F/A	F/A		F/A	L	L
<b>FSO 20 PROVIDE FLEET TRAINING SERVICES.</b>							
FSO 20.6	Act as delivery or receiving ship for underway replenishment training.  IV, V(L) - Plan and train.			F	F	L	L
FSO 20.11	Provide cargo handling training to assigned personnel and designated augmenters.				F	F	F
FSO 20.14	Provide amphibious assault training for Fleet Marine Force units.  IV, V(L) - Plan and train.			F	F	L	L
FSO 20.19	Provide training in emergency destruct procedures.				F	F	F
FSO 20.27	Provide electronic warfare threat/platform association recognition training.				F	F	F
FSO 20.41	Conduct CAS academic training including tactics and procedures for the AOA.  Note: Full capability with embarked PHIBRON and SACC staff.				F/E	F/E	F/E

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FSO 20.47	Conduct intelligence training for intelligence officers.				F	F	F
FSO 20.56	Conduct firefighting training.				F	F	F
FSO 20.62	Coordinate electronic warfare threat/platform recognition training in simulated hostile and non-hostile environments.  III, IV, V(L) - Plan and train.				L	L	L
FSO 20.63	Coordinate exercise airspace and targets for BG and combined/joint force training.  Note: With embarked PHIBRON staff.				F/E	F/E	F/E
FSO 20.64	Plan, coordinate, and conduct in port BG and/or ARG workup training.  Note: With embarked PHIBRON staff.				F/E	F/E	F/E
FSO 20.68	Act as school ship for engineering training.					F	F
<b>FSO 27 CONDUCT NAVIGATION STATION OPERATIONS.</b>							
FSO 27.1	Provide navigation data to ships and A/C.  Note: Includes capability to provide AV-8B inertial navigation system with start-up data by radio link or umbilical cord.	F	F	F	F	F	F

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FSO 27.2 Serve as navigation station.  IV, V(L) - Plan and train.	F	F	F	F	L	L
<b>FSO 44 PROVIDE UNDERWAY TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELECTED RESERVE (SELRES) CREWS.</b>	<b>F</b>	<b>F</b>		<b>F</b>	<b>F</b>	
<b>FSO 45 PROVIDE IN PORT TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS.</b>						<b>F</b>
<b>FSO 46 MONITOR ASSIGNED UNIT'S ADMINISTRATIVE PROCEDURES.</b>				<b>F</b>	<b>F</b>	<b>F</b>
<b>FSO 47 MONITOR ASSIGNED UNIT'S OPERATIONAL PROCEDURES.</b>				<b>F</b>	<b>F</b>	<b>F</b>
<b>FSO 48 MONITOR ASSIGNED UNIT'S MATERIAL READINESS.</b>				<b>F</b>	<b>F</b>	<b>F</b>
<b>FSO 51 REPAIR OWN UNIT'S FSO-RELATED EQUIPMENT.</b>  Note: During condition III, full capability provided by on-call/off-watch personnel.  I, IA(L) - Emergency repairs to equipment critical to ship's mission. May require standing down selected personnel from their condition I or IA stations.	<b>L</b>	<b>L</b>		<b>F/A</b>	<b>F</b>	<b>F</b>
<b>FSO 55 MAINTAIN READINESS BY PROVIDING FOR TRAINING OF OWN UNIT'S PERSONNEL.</b>				<b>F</b>	<b>F</b>	<b>F</b>

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>INFORMATION OPERATIONS (IO)</b>							
<b>IO</b>	<b>CONDUCT ELECTRONIC WARFARE SUPPORT (ES) OPERATIONS.</b>						
IO 1.1	Search for and intercept electromagnetic and directed energy signals and emissions.  V(L) - Plan and train.	F	F		F	F	L
IO 1.2	Identify C2 and weapons systems' signals.  V(L) - Plan and train.	F	F		F	F	L
IO 1.3	Identify threat platforms' communications and weapons signal sources.  V(L) - Plan and train.	F	F		F	F	L
IO 1.4	Provide location or targeting information of threat weapons/C2/platforms/signal sources.  V(L) - Plan and train only.	F	F		F	F	L
IO 1.5	Provide timely threat alert for actions involving electronic attack (EA), electronic protection (EP), EMCON, avoidance, deception and targeting.  V(L) - Plan and train.	F	F		F	F	L
IO 1.6	Conduct ES for self-defense.  IV(L) - ESM operator only.  V(L) - Plan and train.	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
IO 1.7	Plan/direct ES operations.  IV, V(L) - Plan and train.	F	F		F	L	L
IO 1.8	Identify and coordinate tactical IO information requirements and disseminate information derived from ES and other sources to CWC, warfare commanders and naval/joint/combined forces.  IV(L) - ESM operator only.  V(L) - Plan and train.	F	F		F	L	L
IO 1.9	Identify and disseminate enemy utilization of wartime reserve mode.  IV, V(L) - Plan and train.	F	F		F	L	L
IO 1.10	Maintain and provide timely updates to the tactical electronic order of battle.  IV(L) - ESM operator only.  IV, V(L) - Plan and train.	F	F		F	L	L
IO 1.11	Classified. Refer to reference (a) for content.  V(L) - Plan and train.	F	F		F	F	L
IO 1.12	Classified. Refer to reference (a) for content.  V(L) - Plan and train.	F	F		F	F	L
IO 1.13	Classified. Refer to reference (a) for content.  V(L) - Plan and train.	F	F		F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
IO 1.15	Plan/direct cryptologic ES operations.  Note: Full capability with embarked direct support from regional Naval Information Operations Command (NIOC) augment.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>IO 2 CONDUCT EA OPERATIONS.</b>							
IO 2.2	Conduct electronic jamming of target acquisition/target tracking/fire control/missile seeker radars.  Note: LHA has the capability to jam target acquisition, target tracking, and communication nodes, depending on frequency.  IV(L) - ESM operator only.  V(L) - Plan and train.	F	F		F	L	L
IO 2.7	Conduct electronic deception of target acquisition/target tracking/fire control/missile seeker radars.  IV(L) - ESM operator only.  V(L) - Plan and train.	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
IO 2.12	Conduct EA for self-defense.  IV(L) - ESM operator only.  IV, V(L) - Plan and train.	F	F		F	L	L
IO 2.13	Plan/direct EA operations to include hard-kill and soft-kill capabilities.  IV, V(L) - Plan and train.	F	F		F	L	L
<b>IO 3 CONDUCT EP OPERATIONS.</b>							
IO 3.1	Detect, identify, and protect against electronic jamming of electromagnetically controlled and/or dependent systems.  IV(L) - ESM operator only.  V(L) - Plan and train.	F	F		F	L	L
IO 3.2	Detect, identify, and protect against electronic deception of electromagnetically controlled and/or dependent systems.  IV(L) - ESM operator only.  V(L) - Plan and train.	F	F		F	L	L
IO 3.3	Plan/direct EP operations.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>IO 4</b>	<b>PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>						
IO 4.1	Implement appropriate/directed electromagnetic/acoustic EMCON condition.	F	F		F	F	F
IO 4.2	Transition rapidly from one EMCON condition to another.  IV, V(L) - Plan and train.	F	F		F	L	L
IO 4.3	Monitor own unit compliance with EMCON condition in effect.	F	F		F	F	F
IO 4.4	Monitor task group/force compliance with EMCON condition in effect.	F	F		F	F/A	F/A
IO 4.5	Plan/direct electromagnetic/acoustic EMCON operations.  IV, V(L) - Plan and train.	F	F		F	L	L
IO 4.7	Determine and disseminate satellite vulnerability information.  V(L) - Plan and train.	F	F		F	F	L
IO 4.8	Disseminate environmental data affecting electromagnetic and acoustic propagation/detection to group emitters and sensors.  IV, V(L) - Plan and train.	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
IO 4.9	Manage electromagnetic/ acoustic and/or other emissions to minimize mutual interference among friendly systems.  V(L) - Plan and train.	F	F		F	F	L
IO 4.11	Plan, coordinate, and control implementation of OPSEC measures.  V(L) - Plan and train.	F	F		F	F	L
IO 4.12	Execute OPSEC measures.  V(L) - Plan and train.	F	F		F	F	L
<b>IO 5 CONDUCT COORDINATED IO/INFORMATION WARFARE (IW) OPERATIONS WITH OTHER FORCES IN SUPPORT OF A JTF/GROUP.</b>							
IO 5.2	Conduct coordinated IO/IW operations with other forces in support of a JTF/group/surface action group (SAG) or naval/joint/combined forces.  Note: Full capability with PHIBRON embarked staff.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>IO 6 PLAN AND CONDUCT COUNTER-SURVEILLANCE, COUNTER-TARGETING AND MILITARY DECEPTION (MILDEC) OPERATIONS.</b>							
IO 6.2	Conduct counter-targeting against air attack.  V(L) - Plan and train.	F	F		F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
IO 6.3	Conduct counter-targeting against subsurface attack.  V(L) - Plan and train.	F	F		F	F	L
IO 6.4	Conduct counter-targeting against surface attack.  V(L) - Plan and train.	F	F		F	F	L
IO 6.7	Conduct naval operational deception operations using tactics, operations, exercises or physical means.  Note: Full capability with PHIBRON embarked staff.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>IO 12 DIRECT/PERFORM FUNCTIONS OF IO COMMANDER.</b>							
IO 12.1	Direct functions of electronic warfare control ship.  Note: Full capability with direct support from embarked NIOC augment.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
IO 12.2	Develop procedures to implement CWC IO policies.  Note: Full capability with direct support from embarked NIOC augment.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
IO 12.3	<p>Develop/publish IO/IO readiness objectives for BG/TF.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
IO 12.4	<p>Coordinate and monitor the OPSEC program.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
IO 12.6	<p>Plan/direct group/TF or naval/joint/combined IO operations.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
IO 12.7	<p>Plan the force's tactical use of information systems and sensors.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
IO 12.8	<p>Plan actions to degrade or destroy adversary information, information systems, and C2 systems and processes.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
IO 12.9	<p>Coordinate sensor collection plans for required areas and threats within the IO/IO assigned AO.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
IO 12.10	<p>Initiate actions per rules of engagement to deter adversaries use of electromagnetic spectra.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>IO 12.11 Monitor and employ IO/IO assets and maintain an IO cell.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>IO 12.12 Collect, integrate, evaluate, and disseminate tactical threat information within the assigned AO.</p> <p>Note: Full capability with direct support from embarked naval security group activity.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>IO 12.13 Assess vulnerability of adversary and own force information systems and sensors. Plan for reconstitution in the event of adversary attack.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>IO 12.14 Coordinate IO/IO plans and actions with the CWC, other warfare commanders and coordinators, including integration of IO assets in warfare commander tactical employment plans.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>IO 12.15 Coordinate with the staff intelligence officer (N2/J2) to provide indications and warning to the force.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>IO 12.16 Allocate, implement, task and exercise tactical control of assigned forces and when appropriate, land-based forces in IO/IO missions.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>IO 12.17 Manage force's use of command, control, communications, computers, and intelligence architecture.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>IO 12.18 Manage force's tactical databases.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<p>IO 12.19 Plan/nominate targets or target sets for physical destruction/preservation.</p> <p>Note: Full capability with direct support from embarked NIOC augment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>IO 14 REPAIR OWN UNIT'S IO EQUIPMENT.</b></p> <p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(L) - Emergency repairs to equipment critical to ship's mission. May require standing down selected personnel from their condition I or IA stations.</p>	L	L		F/A	F	F
<p><b>IO 16 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S IO CAPABILITIES.</b></p> <p>I, IA(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	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>IO 20 PERFORM IO BDA.</b>							
IO 20.1	Perform IO BDA.  Note: With embarked naval security group activity direct support.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
IO 20.2	Coordinate and evaluate IO BDA.  Note: With embarked naval security group activity direct support.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>IO 24 PROVIDE CRYPTOLOGIC SUPPORT AND TRAINING.</b>							
IO 24.1	Operate a 24-hour special intelligence communications center, to include:  (a) Provide and maintain SCI communications. (b) Conduct emergency SCI communication procedures. (c) Provide, maintain, and administer SCI local area network (d) Plan and/or direct fleet connectivity on intelligence, intelligence communication and imagery networks. (e) Provide and maintain SCI video teleconference facilities. (f) Provide, maintain and administer SCI intelligence Web pages. (g) Operate SCI networks.  V(L) - Plan and train.	F	F		F	F	L
<b>IO 25 MILDEC.</b>							
IO 25.5	Execute military tactical level deception operations using technical means (electronic, acoustic, visual and electro-optic.	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>INTELLIGENCE OPERATIONS (INT)</b>							
<b>INT 1 SUPPORT/CONDUCT INTELLIGENCE COLLECTION.</b>							
INT 1.3	Support/conduct imagery intelligence information collection.	F	F		F	F	F
INT 1.6	Conduct electro-optical intelligence collection at short and long range with on-board sensors.  IV, V(L) - Plan and train.	F	F		F	L	L
INT 1.9	Collect signals intelligence information.  IV, V(L) - Plan and train.	F	F		F	L	L
<b>INT 2 PROVIDE INTELLIGENCE.</b>							
INT 2.1	Maintain intelligence summary plots on air, surface and subsurface activities to include an all-source manual and automated tactical intelligence plot.	F	F		F	F	F
INT 2.2	Evaluate and disseminate intelligence information.  Note: Evaluate and disseminate intelligence to internal ship users and external organization as directed by appropriate operational tasks.	F	F		F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
INT 2.4	Establish and maintain access to service and national intelligence sources to include national theater, and other tactical intelligence automated data sources up to the top secret/SCI level for operational intelligence support.	F	F		F	F	F
INT 2.5	Plan and direct SG/TF intelligence architecture and requirements for TF or combined/joint forces.  Note: Full capability with PHIBRON embarked staff.  V(L) - Plan and train.	F/E	F/E		F/E	F/E	L
<b>INT 3 CONDUCT INTELLIGENCE SURVEILLANCE AND RECONNAISSANCE.</b>							
INT 3.2	Plan, direct, coordinate, and conduct overt surveillance and reconnaissance operations.	F	F		F	F	F
<b>INT 4 CONDUCT OCEAN SURVEILLANCE OPERATIONS AGAINST TARGETS OF INTEREST.</b>							
INT 4.1	Detect and locate targets of interest.  V(L) - Plan and train.	F	F		F	F	L
INT 4.2	Classify and identify targets of interest.  V(L) - Plan and train.	F	F		F	F	L
INT 4.3	Track targets of interest.  V(L) - Plan and train.	F	F		F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
INT 4.4	Plan/direct ocean surveillance operations against targets of interest.  V(L) - Plan and train.	F	F		F	F	L
<b>INT 5 PROCESS OCEAN SURVEILLANCE INFORMATION.</b>							
INT 5.1	Fuse, integrate, and correlate ocean surveillance information with other source information and intelligence.  V(L) - Plan and train.	F	F		F	F	L
INT 5.2	Disseminate integrated all-source information to all levels of command.  V(L) - Plan and train.	F	F		F	F	L
<b>INT 6 CONDUCT SURFACE RECONNAISSANCE.</b>							
INT 6.6	Plan/direct surface reconnaissance.	F	F		F	F	F
INT 6.7	Recognize by sight friendly and enemy A/C, ships, submarines, and potential naval fire support targets which may be encountered in the expected operating areas.  III, IV(L) - Capability provided by bridge watch team and aft lookouts.  V(L) - Plan and train.	F	F		L	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>INT 7</b>	<b>SUPPORT/CONDUCT AIRBORNE RECONNAISSANCE.</b>						
INT 7.1	Support/conduct unarmed reconnaissance (weather, visual, BDA, etc.).  I, IA, III, IV(L) - Capability limited to supporting A/C from embarked aviation squadrons. Capability is enhanced when RPV/UAV detachment is embarked.	L	L		L	L	
INT 7.3	Recognize by sight friendly and enemy A/C, ships and submarines, missile systems, sensors and ground vehicles that may be encountered in the expected operating areas.  I, IA, III (L) - Capability limited to supporting A/C from embarked aviation squadrons.  IV, V(L) - Plan and train.	L	L		L	L	L
INT 7.4	Conduct strike photography with installed or hand-held cameras, or sensors before, during or after the strike.  I, IA, III, IV(L) - Support for A/C from embarked aviation squadrons.	L	L		L	L	
<b>INT 8</b>	<b>PROCESS SURVEILLANCE AND RECONNAISSANCE INFORMATION.</b>	<b>F</b>	<b>F</b>		<b>F</b>	<b>F</b>	<b>L</b>
	V(L) - Plan and train.						

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>INT 9 DISSEMINATE SURVEILLANCE AND RECONNAISSANCE INFORMATION.</b></p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
<p><b>INT 10 OPERATE A CONTINGENCY PLANNING CELL TO SUPPORT FLEET COMMANDERS.</b></p>						
<p>INT 10.1 Provide contingency operation support briefings to deploying/deployed naval forces.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
<p>INT 10.2 Maintain a current tactical intelligence library.</p>	F	F		F	F	F
<p>INT 10.3 Support contingency planning cell.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
<p><b>INT 13 DEVELOP, DISSEMINATE AND MONITOR A FORCE CRYPTOLOGIC COVERAGE PLAN.</b></p>						
<p>INT 13.1 Establish and monitor for special intelligence voice and data communications.</p> <p>Note: Full capability requires support from NIOC.</p> <p>V(L) - Plan and train.</p>	F/E	F/E		F/E	F/E	L
<p>INT 13.2 Interface with shore and combined/joint cryptologic support activities.</p> <p>Note: Full capability requires support from NIOC.</p> <p>V(L) - Plan and train.</p>	F/E	F/E		F/E	F/E	L

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
INT 13.3 Provide intelligence and cryptologic support to the command and control warfare commander.  Note: Full capability requires support from NIOC.	F/E	F/E		F/E	F/E	
INT 13.4 Develop and disseminate local use cryptological code words.  Note: Full capability requires support from NIOC.	F/E	F/E		F/E	F/E	
<b>INT 15 PROVIDE INTELLIGENCE SUPPORT FOR NEO.</b>						
INT 15.1 Collect and integrate intelligence in support of NEO.  V(L) - Plan and train.	F	F		F	F	L
INT 15.2 Disseminate integrated all-source intelligence to NEO participants.  V(L) - Plan and train.	F	F		F	F	L
INT 15.3 Debrief evacuees.  Note: Full capability requires support from NIOC.  V(L) - Plan and train.	F/A	F/A		F/A	F/A	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>INT 16 PROVIDE INTELLIGENCE SUPPORT FOR COUNTERNARCOTICS INTERDICTION.</b></p>						
<p>INT 16.1 Collect and integrate intelligence in cooperation with other services and law enforcement agencies to conduct counternarcotics interdiction.</p> <p>V(L) - Plan and train.</p>				F	F	L
<p>INT 16.2 Disseminate integrated all-source intelligence to counternarcotics elements.</p> <p>V(L) - Plan and train.</p>				F	F	L
<p><b>INT 17 REPAIR OWN UNIT'S INTELLIGENCE-RELATED EQUIPMENT.</b></p> <p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(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>	L	L		F/A	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>INT 19 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S INT CAPABILITIES.</b></p> <p>I, IA(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	L
<p><b>INT 35 CONDUCT CRYPTOLOGIC ESM OPERATIONS.</b></p>						
<p>INT 35.1 Plan/direct cryptologic ESM operations.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>INT 35.2 Conduct cryptologic ESM operations.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p><b>LOGISTICS (LOG)</b></p>						
<p><b>LOG 1 CONDUCT UNDERWAY REPLENISHMENT (UNREP) .</b></p>						
<p>LOG 1.1 Transfer ammunition underway.</p> <p>V(L) - Plan and train.</p>			F	F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
LOG 1.2	Transfer ammunition underway by standard tensioned replenishment alongside method (STREAM).  V(L) - Plan and train.				F	F	L
LOG 1.3	Transfer cargo underway.  V(L) - Plan and train.			F	F	F	L
LOG 1.4	Transfer cargo underway by STREAM.  V(L) - Plan and train.				F	F	L
LOG 1.7	Transfer diesel fuel marine (DFM) underway by alongside/astern method.  Note: Alongside method only.  V(L) - Plan and train.				F	F	L
LOG 1.8	Transfer DFM underway by STREAM.  V(L) - Plan and train.				F	F	L
LOG 1.9	Transfer jet fuel underway.  V(L) - Plan and train.				F	F	L
LOG 1.10	Transfer jet fuel underway by STREAM.  V(L) - Plan and train.				F	F	L
LOG 1.11	Provide vertical replenishment underway.  V(L) - Plan and train.			F			L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>LOG 1.12 Replenish other units underway with limited fuel, provisions, munitions, potable and feed water.</p> <p>III, IV(L) - Ship has limited capability to underway replenishment (UNREP) feed water.</p> <p>V(L) - Plan and train.</p>				L	L	L
<p>LOG 1.19 Plan/direct UNREP.</p> <p>V(L) - Plan and train.</p>				F	F	L
<p><b>LOG 2 TRANSFER/RECEIVE CARGO AND PERSONNEL.</b></p>						
<p>LOG 2.1 Provide scheduled carrier onboard delivery (COD) or vertical onboard delivery (VOD) flights and associated receipt/distribution of material, mail and passengers.</p> <p>Note: LHA has no COD capability.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>			L		L	L
<p>LOG 2.2 Provide facilities and personnel for material, mail and passenger handling.</p> <p>V(L) - Plan and train.</p>				F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
LOG 2.3	Act as a transient personnel-receiving station.				F	F	F
LOG 2.4	Transfer and receive personnel by helo.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  V(L) - Plan and train.			L			L
LOG 2.5	Transfer personnel and light freight by highline.  V(L) - Plan and train.				F	F	L
LOG 2.6	Plan, direct and prioritize personnel, mail and cargo transfer and receipt in coordination with BG/TF logistics coordinator.  V(L) - Plan and train.				F	F	L
LOG 2.7	Plan/direct BG air heads and logistics support routing procedures.  V(L) - Plan and train.				F	F	L
<b>LOG 3 PROVIDE SEALIFT FOR CARGO AND PERSONNEL.</b>							
LOG 3.1	Provide stowage and berthing spaces for equipment and personnel during transit.  V(L) - Plan and train.	F	F		F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
LOG 3.2	Provide small boat services for transfer of personnel, cargo, weapons, provisions and supplies.  V(L) - Plan and train.				F	F	L
LOG 3.3	Provide the capability for air cushion vehicle transfer of personnel, cargo, weapons, provisions and supplies.  Note: With embarked LCACs.  V(L) - Plan and train.				F/E	F/E	L
LOG 3.4	Plan/direct sealift for cargo and personnel. Coordinate with logistics coordinator.  V(L) - Plan and train.				F	F	L
<b>LOG 4 SUPPORT SHIPS AND A/C IN SUPPLIES, ORDNANCE AND OTHER SERVICES.</b>							
LOG 4.1	Provide fuel and lubricating oil to another unit.  Note: Only capable of delivering fuel.  V(L) - Plan and train.				F	F	L
LOG 4.4	Provide another unit with:  (a) Steam. (b) Electrical power. (e) Fresh water. (f) Feed water. (i) Compressed air.						F

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>LOG 6 PROVIDE AIRLIFT OF CARGO AND PERSONNEL.</b>							
LOG 6.1	<p>Provide scheduled/response airlift of cargo, mail and personnel.</p> <p>Note: With embarked H-46 detachment.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>III, IV, V(L) - Plan and train.</p>			L	L	L	L
LOG 6.2	<p>Provide vertical replenishment services.</p> <p>Note: With embarked H-46 detachment.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>V(L) - Plan and train.</p>			L			L
LOG 6.3	<p>Provide VOD services.</p> <p>Note: With embarked H-46 detachment.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>III, IV, V(L) - Plan and train.</p>			L	L	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
LOG 6.5	Provide medical evacuation services.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.			L			
LOG 6.7	Plan, prioritize, and direct airlift of personnel, mail, and cargo in coordination with logistics coordinator.				F	F	F
<b>LOG 8 CONDUCT MATERIAL CONTROL OPERATIONS.</b>							
LOG 8.1	Screen material for all units in the group.  V(L) - Plan and train.				F	F	L
LOG 8.2	Consolidate receipt and transshipment of all group cargo and mail, including off-ship cargo operations in support of embarked forces.  V(L) - Plan and train.				F	F	L
LOG 8.3	Control all passenger movement to and from the group.  V(L) - Plan and train.				F	F	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>LOG 9 REPAIRS OWN UNIT'S LOGISTICS EQUIPMENT.</b></p> <p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(L) - Emergency repairs to equipment critical to ship's mission. May require standing down selected personnel from their condition I or IA stations.</p>	L	L		F/A	F	F
<p><b>MINE WARFARE (MIW)</b></p>						
<p><b>MIW 3 CONDUCT MINE NEUTRALIZATION/DESTRUCTION.</b></p>						
<p>MIW 3.6 Provide support for embarked EOD/SEAL detachments.</p> <p>Note: Facilities only.</p>	F	F		F	F	F
<p><b>MIW 6 CONDUCT MAGNETIC SILENCING (DEGAUSSING, DEPERMING, ETC.)</b></p>						
<p>MIW 6.7 Maintain magnetic signature limits.</p>	F	F		F	F	F
<p>MIW 6.8 Maintain own unit's degaussing readiness.</p>	F	F		F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>MIW 9 CONDUCT AMCM AND SUPPORT MIW OPERATIONS.</b>						
<p>MIW 9.1 Conduct day helo AMCM flight operations.</p> <p>I, IA(L) - When AMCM squadron/detachment embarked, 6 of 10 spots only.</p> <p>FQ(L) - When AMCM squadron/detachment embarked. Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L)- Plan and train.</p>	L	L	L		L	L
<p>MIW 9.5 Conduct helo flight operations during all EMCON conditions.</p> <p>I, IA(L) - When AMCM squadron/detachment embarked, 6 of 10 spots only.</p> <p>FQ(L) - When AMCM squadron/detachment embarked. Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L)- Plan and train.</p>	L	L	L		L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MIW 9.6	<p>Conduct helo hot and cold refueling.</p> <p>I, IA(L) - 3 of 6 refueling spots only.</p> <p>FQ(L) - 3 of 6 refueling spots only; in port 1 of 6.</p> <p>IV, V(L) Plan and train.</p>	L	L	L		L	L
MIW 9.7	<p>Serve as helo haven.</p> <p>I(L) - When AMCM squadron/detachment embarked. 6 of 10 spots only.</p> <p>FQ(L) - When AMCM squadron/detachment embarked. Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) Plan and train.</p>	L	L	L		L	L
MIW 9.8	<p>Provide electrical power for helo starting, testing, etc.</p>	F	F	F	F	F	F

LHA 1 CLASS		I	IA	FQ	III	IV	V
MIW 9.9	<p>Provide ground handling equipment for loading and spotting helos.</p> <p>I, IA(L) - All tow tractors and 4 of 6 A/C directors only.</p> <p>FQ(L) - Underway 2 of 4 tow tractors and 2 of 6 A/C directors only; in port 1 of 4.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
MIW 9.12	<p>Conduct precision radar controlled approach for embarked A/C under all weather conditions.</p> <p>IV, V(L) - Plan and train.</p>	F	F	F		L	L
MIW 9.13	<p>Launch FW and/or RW A/C involved in MIW operations.</p> <p>I, IA(L) - When AMCM squadron/detachment embarked, 6 of 10 spots only.</p> <p>FQ(L) - When AMCM squadron/detachment embarked. Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>MIW 9.14 Recover FW and/or RW A/C involved in MIW operations.</p> <p>I, IA(L) - When AMCM squadron/detachment embarked, 6 of 10 spots only.</p> <p>FQ(L) - When AMCM squadron/detachment embarked. Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
<p>MIW 9.16 Provide required conventional ordnance to support MIW air operations.</p> <p>Note: Full capability assumes AMCM squadron/detachment LFORM class V(A) loaded when AMCM squadron/detachment embarked for amphibious operations.</p> <p>Note: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Embarked AMCM squadron/detachment personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area.</p>	F/A	F/A	F/A			

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<p>MIW 9.17 Load/unload MIW ordnance compatible with required A/C turnaround time.</p> <p>Note: Full capability assumes AMCM squadron/detachment LFORM class V(A) loaded when AMCM squadron/detachment embarked for amphibious operations.</p> <p>Note: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Embarked AMCM squadron/detachment personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area.</p>	F/A	F/A	F/A			
<p><b>MIW 13 REPAIR OWN UNIT'S MIW EQUIPMENT.</b></p> <p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(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>	L	L		F/A	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>MIW 15 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MIW CAPABILITIES.</b></p> <p>I, IA(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	L
<b>MOBILITY (MOB)</b>						
<b>MOB 1 OPERATE SHIP'S POWERPLANT TO DESIGNED CAPABILITY.</b>						
<p>MOB 1.1 Operate ship's powerplant at full power.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
<p>MOB 1.2 Operate ship's powerplant with split plant operations.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
<p>MOB 1.5 Operate at sustained BG/SAG or underway replenishment group amphibious force speeds.</p> <p>V(L) - Plan and train.</p>	F			F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOB 1.6	Maintain necessary machinery redundancy to enhance survival in high threat areas.	F	F		F	F	F
MOB 1.7	Transit at high speed.  IV, V(L) - Plan and train.	F			F	L	L
<b>MOB 2</b>	<b>SUPPORT/PROVIDE SAFE, FLYABLE A/C FOR ALL-WEATHER OPERATIONS.</b>	<b>F</b>	<b>F</b>		<b>F</b>	<b>F</b>	<b>F</b>
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE.</b>						
MOB 3.1	Control fire, flooding, electrical, structural, propulsion and hull/airframe casualties.  IA(L) - Repair organization manned with nucleus crew composed of supervisor, talkers, investigators, etc. Full capability will not exist until condition I stations fully manned.  FQ(L) - Full capability limited to combating flight/hanger deck A/C related fires or damage until condition I stations fully manned.  III, IV(L) - At sea fast reaction team manned by off-watch personnel.  V(L) - Capability limited to in port damage control parties augmented by off-watch personnel.	F	L/E	L/E	L/E	L/E	L/E

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOB 3.2	<p>Counter and control CBR contaminants/agents.</p> <p>IA(L) - Repair organization manned with nuclear crew composed of supervisor, talkers, investigators, etc. Full capability will not exist until condition I stations fully manned.</p> <p>FQ(L) - Full capability limited to combating flight/hanger deck A/C related fires or damage until condition I stations fully manned.</p> <p>III, IV(L) - At sea fast reaction team manned by off-watch personnel.</p> <p>V(L) - Capability limited to in port damage control parties augmented by off-watch personnel.</p>	F	L/E	L/E	L/E	L/E	L/E
MOB 3.3	Maintain security against unfriendly acts.	F	F		F	F	F
MOB 3.5	Provide damage control security/surveillance.	F	F		F	F	F
MOB 3.8	Provide emergency breathing devices per ship's allowance.	F	F		F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>MOB 5 MANEUVER IN FORMATION.</b>		<b>F</b>	<b>F</b>		<b>F</b>	<b>L</b>	<b>L</b>
<p>Note: Capability supported by reduced bridge watch team consisting of an officer of the deck, junior officer of the deck, junior officer of the watch, helmsman, engine order telegraph operator and a combined quartermaster of the watch, boatswains mate of the watch, and messenger.</p> <p>IV, V(L) - Plan and train.</p>							
<b>MOB 7 PERFORM SEAMANSHIP, AIRMANSHIP AND NAVIGATION TASKS.</b>							
MOB 7.1	<p>Navigate under all conditions of geographic location, weather and visibility.</p> <p>V(L) - Plan and train.</p>	<b>F</b>	<b>F</b>		<b>F</b>	<b>F</b>	<b>L</b>
MOB 7.2	<p>Conduct precision anchoring.</p> <p>Note: During condition I, stand down other battle stations. During condition III, requires augmentation from off-watch personnel.</p> <p>V(L) - Plan and train.</p>	<b>F/A</b>	<b>F</b>		<b>F/A</b>	<b>F</b>	<b>L</b>

LHA 1 CLASS		I	IA	FQ	III	IV	V
MOB 7.3	Get underway, moor, anchor and sortie with duty section in a safe manner.  IV, V(L) - Deployed, duty section fully capable. Not deployed, recall of personnel required.					L	L
MOB 7.6	Abandon/scuttle ship rapidly.  IV, V(L) - Plan and train.	F				L	L
MOB 7.7	Provide life boat/raft capacity as per unit's allowance.	F	F		F	F	F
MOB 7.8	Tow or be towed (towing engine not required).  Note: During condition I, stand down other battle stations. During condition III, requires augmentation from off-watch personnel.  IV, V(L) - Plan and train.	F/A			F/A	L	L
MOB 7.9	Operate day and night and under all weather conditions.	F	F		F	F	F
MOB 7.10	Conduct undetected transits.  IV, V(L) - Plan and train.	F	F		F	L	L
MOB 7.14	Moor alongside ATF shipping or docks.  V(L) - Plan and train.				F	F	L

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<p>MOB 7.15 Operate in a chemically contaminated environment.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>MOB 7.16 Recover man overboard (shipboard, boat or helo).</p> <p>Note: Noncombat, daylight operations only. Night SAR capability with the use of night SAR capable helo from embarked squadron.</p> <p>Note: Selected personnel must stand down from condition I or IA stations to man SAR boat or deck recovery details.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots; in port 2 spots.</p> <p>III, IV, V(L) - Search and recovery requires off-watch personnel special team or details to man SAR boat or deck recovery details.</p>	L	L	L	L/E	L/E	L/E
<b>MOB 10 REPLENISH AT SEA.</b>						
<p>MOB 10.1 Receive vertical replenishment.</p>			F	F	F	F
<p>MOB 10.2 Receive fuel while underway (alongside method).</p> <p>IV, V(L) - Plan and train.</p>				F	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
MOB 10.3 Receive munitions and provisions while underway.  IV, V(L) - Plan and train.				F	L	L
MOB 10.4 Receive potable and/or feed water while underway.  IV, V(L) - Plan and train.				F	L	L
MOB 10.5 Receive COD/VOD A/C.  Note: VOD A/C only.  I(L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L		L	L
<b>MOB 12 MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.</b>						
MOB 12.1 Ensure all phases of food service operations are conducted consistent with approved sanitary procedures and standards.  I, IA (L) - Battle messing only.	L	L		F	F	F
MOB 12.2 Ensure the operation of the potable water system in a manner consistent with approved sanitary procedures and standards.	F	F		F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
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
MOB 12.5 Monitor the health and well-being of the crew to ensure that habitability is consistent with approved habitability procedures and standards.				F	F	F
MOB 12.6 Ensure the operation and maintenance of all phases of shipboard environmental protection systems do not create a health hazard and are consistent with other naval directives pertaining to the prevention of pollution of the environment.				F	F	F
MOB 12.7 Provide individual protective clothing and equipment to sufficiently protect casualties in case of CBR contamination.  IV, V(L) - Plan and train.	F	F		F	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>MOB 12.8 Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<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>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>MOB 12.10 Provide CBR collective protective system for medical and support spaces.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>MOB 12.11 Provide antidotes to staff, patients and casualties, which will counteract the effects caused by a CBR-contaminated environment.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>MOB 12.12 Provide antidotes to ship's company, which will counteract the effects caused by a CBR-contaminated environment.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
MOB 12.13 Train designated medical supervisors and non-medical personnel to detect CBR-contaminated casualties.				F	F	F
MOB 12.14 Train designated non-medical personnel to decontaminate CBR casualties.				F	F	F
MOB 12.15 Identify, supply and maintain decontamination stations.	F	F		F	F	F
MOB 12.16 Identify, supply and maintain suitable decontamination stations aboard primary casualties receiving treatment medical/dental.	F	F		F	F	F
<p><b>MOB 17 PERFORM ORGANIZATIONAL LEVEL REPAIRS TO OWN UNIT'S MOB EQUIPMENT.</b></p> <p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(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>	L	L		F/A	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>MOB 18 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MOB CAPABILITIES.</b></p> <p>I, IA(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	L
<b>MISSIONS OF STATE (MOS)</b>						
<b>MOS 1 PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.</b>						
<p>MOS 1.1 Establish a sovereign, mobile sea base in a forward area.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>MOS 1.2 Conduct force/unit tour for foreign dignitaries.</p>				F	F	F
<p>MOS 1.3 Conduct systems/weapons demonstrations for foreign dignitaries.</p>				F	F	F
<p>MOS 1.4 Conduct foreign port calls.</p>						F
<p>MOS 1.5 Conduct force/unit tours for foreign citizens during port calls.</p>						F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOS 1.6	Conduct receptions for foreign dignitaries during port calls.						F
MOS 1.7	Provide volunteers for small project assistance during port calls.						F
MOS 1.8	Participate in military exercises with allied nations.				F	F	F
MOS 1.9	Participate in military exercises with non-allied nations.				F	F	F
MOS 1.10	Participate in or provide participants for foreign/allied commemorative or ceremonial events.					F	F
MOS 1.11	Provide lift of opportunity for foreign or national diplomatic material.  III, IV, V(L) - Quantities that do not interfere with the regular combat capabilities or logistics load.				L	L	L
<b>MOS 2 PROVIDE HUMANITARIAN ASSISTANCE.</b>							
MOS 2.1	Deliver relief material.  III, IV, V(L) - Quantities that do not interfere with the regular combat capabilities or logistics load.				L	L	L
MOS 2.2	Provide emergency flooding/fire-fighting assistance.				F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
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>			F/E	F/E	F/E	F/E
MOS 2.5	<p>Clear and repair utilities and facilities damaged by natural disaster, fire, and civil disturbance; decontaminate CBR effects.</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>				F/E	F/E	F/E
MOS 2.7	<p>Provide a full hospital service asset available for use by appropriate government agencies involved in support of disaster relief operations worldwide.</p> <p>III, IV, V(L) - Special staffing, equipment, material and supplies tailored to relief operations.</p>				L	L	L
MOS 2.9	<p>Plan, direct, and coordinate disaster assistance evacuation.</p>				F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOS 2.10	Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis.  IV, V(L) - Plan and train.	F	F		F	F	F
MOS 2.11	Support/conduct helo/boat evacuation of noncombatant personnel as directed by higher authority from areas of civil or international crisis.  I, IA(L) - Selected personnel must stand down from their condition I or IA stations to man NEO stations.	L/A	L/A	F	F	F	F
MOS 2.12	Provide for embarkation, identification and processing of evacuees.  I, IA(L) - Selected personnel must stand down from their condition I or IA stations to man NEO stations.	L/A	L/A		F	F	F
MOS 2.13	Provide care, feeding and berthing of evacuees.  I, IA(L) - Battle messing and emergency care only.	L	L		F	F	F
MOS 2.14	Provide transportation for evacuees to designated safe havens or onward processing centers.	F	F		F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
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).  Note: Full capability with PHIBRON/MEF/MEU staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
<b>MOS 3 PERFORM PEACEKEEPING.</b>							
MOS 3.1	Provide command and control for a joint/allied peacekeeping force.  Note: Full capability with PHIBRON/MEF/MEU staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
MOS 3.2	Provide logistics support for a joint/allied peacekeeping force.  I, IA (L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L		L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOS 3.3	Provide direct participation in a joint/allied peacekeeping force within a foreign country/region.  I, IA (L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L		L	L
<b>MOS 4 PERFORM INTERDICTION.</b>							
MOS 4.1	Conduct naval blockade.  Note: Requires embarkation of combat aviation assets.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
MOS 4.2	Conduct quarantine operations.  Note: Full capability with MEF or MEB or MAGTF with MEU or special warfare unit detachment embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
MOS 4.3	Enforce sanctions enforcement operations.  IV, V(L) - Plan and train.	F			F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOS 4.4	<p>Conduct maritime interception operations and/or visit, board, search, and seizure operations with naval/joint/combined forces.</p> <p>Note: Sustained operations require certified non-compliant boarding team(s) or law enforcement detachment.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
MOS 4.5	<p>Plan and direct naval blockade.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
MOS 4.6	<p>Plan and direct quarantine operations.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
MOS 4.7	<p>Plan and direct sanction enforcement operations.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<b>MOS 5 PROVIDE FOREIGN INTERNAL DEFENSE ASSISTANCE.</b>							
MOS 5.4	<p>Conduct tactical operations in close cooperation with the host nation that focus on neutralizing and destroying the insurgent threat in the maritime environment.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>MOS 6 CONDUCT COUNTERTERRORISM (CT) .</b>							
MOS 6.1	<p>Conduct hostage rescue actions.</p> <p>Note: Full capability with MEF or MEB or MAGTF with MEU or special warfare unit detachment embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<b>MOS 8 PROVIDE ANTITERRORISM ASSISTANCE.</b>							
MOS 8.1	<p>Ensure that the physical security of important persons, facilities, and events meets acceptable standards.</p> <p>Note: Anticipate and provide defenses against terrorist activities directed at ships, installations, facilities and personnel per policy and direction of fleet commanders or higher authority.</p>				F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOS 8.2	Provide training and advice on how to reduce vulnerability to terrorism and other threats, particularly in the maritime environment.  Note: Assimilate and disseminate intelligence on terrorist activities directed at U.S. Navy installations, ships and personnel per policy and direction of fleet commanders or higher authority.				F	F	F
<b>MOS 10 CONDUCT SPECIAL ACTIVITIES AS GOVERNED BY EXECUTIVE ORDER 12333 AND UNDER A PRESIDENTIAL FINDING AND CONGRESSIONAL OVERSIGHT.</b>		<b>L</b>	<b>L</b>		<b>L</b>	<b>L</b>	<b>L</b>
	I, IA, III(L) - Provide covering action for Marine or Theater Special Operations Command forces.  IV, V(L) - Plan and train.						
<b>NONCOMBAT OPERATIONS (NCO)</b>							
<b>NCO 2 PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>							
NCO 2.1	Provide supply support services.  I, IA(L) - Emergency supply support services.	L	L		F	F	F
NCO 2.2	Provide clerical services.				F	F	F
NCO 2.3	Provide disbursing services.				F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
NCO 2.4	Provide post office services.				F	F	F
NCO 2.5	Provide messing facilities.  I, IA(L) - Battle messing only.	L	L		F	F	F
NCO 2.6	Provide ship's service facilities.				F	F	F
NCO 2.7	Provide inventory and custodial services.				F	F	F
NCO 2.8	Provide personnel for living space maintenance.				F	F	F
NCO 2.9	Provide personnel for area command security.	F	F		F	F	F
NCO 2.11	Provide personnel for fuels support.  I(L) - To achieve full capability, fuels personnel assigned to other condition I stations must be reassigned to fuel stations.	L	F		F	F	F
NCO 2.13	Provide personnel for operation of a brig.	F	F		F	F	F
<b>NCO 3 PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>							
NCO 3.1	Provide organizational level preventive maintenance.				F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
NCO 3.2	Provide organizational level corrective maintenance.  I, IA(L) - Emergency repairs to equipment critical to ship's mission. May require standing down selected personnel from their condition I or IA stations.	L	L		F	F	F
NCO 3.3	Provide small arms storage area.	F	F		F	F	F
NCO 3.4	Maintain preservation and cleanliness of topside and internal spaces.				F	F	F
NCO 3.5	Provide for proper storage, handling, use and transfer of hazardous materials.				F	F	F
<b>NCO 4</b>	<b>PROVIDE CLOSED-CIRCUIT TELEVISION SUPPORT FOR OWN UNIT.</b>				<b>F</b>	<b>F</b>	<b>F</b>
<b>NCO 5</b>	<b>CONDUCT METEOROLOGICAL, HYDROGRAPHIC AND/OR OCEANOGRAPHIC COLLECTION OPERATIONS OR SURVEYS.</b>						
NCO 5.1	Collect and disseminate meteorological information.  Note: Augmented by embarked meteorological and oceanographic (METOC) detachment.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
NCO 5.2	Collect and disseminate hydrographic information.  Note: Augmented by embarked METOC detachment.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
NCO 5.3	Collect and disseminate oceanographic information including bathythermograph operations.  Note: Augmented by embarked METOC detachment.  V(L) - Plan and train.				F/A	F/A	L
NCO 5.5	Plan and review mapping, charting and geodesy services for BG, TF, and naval/joint/combined forces.  Note: Augmented by embarked METOC detachment.				F/A	F/A	F/A
<b>NCO 7 PROVIDE SPECIAL TECHNICAL RESEARCH.</b>							
NCO 7.1	Serve as a platform for special technical research operations.				F	F	F
NCO 7.2	Conduct special technical research operations.  Note: Embarkation of technical support personnel required.				F/A	F/A	F/A

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>NCO 8 SERVE AS A PLATFORM FOR OPERATIONAL TEST AND EVALUATION OF SYSTEMS, EQUIPMENT AND TACTICS.</b>							
<p>Note: Full capability with embarked Operational Test and Evaluation Force representatives.</p>							
NCO 8.1	Provide technical assistance for installed test and evaluation equipment.				F/A	F/A	F/A
NCO 8.2	Perform the test and evaluation functions set forth in the appropriate test plans.				F/A	F/A	F/A
NCO 8.3	Perform the evaluation functions set forth in appropriate tactical memos.				F/A	F/A	F/A
<b>NCO 9 SUPPORT/CONDUCT SPACE VEHICLE RECOVERY OPERATIONS.</b>							
NCO 9.1	Perform associated communications functions.  V(L) - Plan and train.				F	F	L
NCO 9.2	Perform air control and surveillance functions for reentry and recovery.  V(L) - Plan and train.				F	F	L
NCO 9.3	Support/perform sea recovery of space vehicles.  V(L) - Plan and train.				F	F	L
NCO 9.4	Coordinate and control associated air operations.  V(L) - Plan and train.				F	F	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>NCO 10 PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>						
<p>NCO 10.1 Provide emergency flooding/firefighting assistance to another unit.</p> <p>Note: Provide repair party/special teams as required. Full capability when rescue and assistance party is called away. Augmentation by off-watch personnel may be required to sustain effort.</p>				F/E	F/E	F/E
<p>NCO 10.3 Provide EOD assistance.</p> <p>Note: Full capability assumes EOD detachment embarked in support of aviation ordnance handling requirements. EOD assistance available on a not-to-interfere basis with their primary mission. Assistance available may be further limited by development-constrained inventory of technical documents and tools.</p>		F/E	F/E	F/E	F/E	F/E
<p>NCO 10.4 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>			F/E	F/E	F/E	F/E

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>NCO 10.5 Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.</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>				F/E	F/E	F/E
<p>NCO 10.7 Provide a full hospital service asset available for use by appropriate government agencies involved in support of disaster relief operations worldwide.</p> <p>III, IV, V(L) - Special staffing, equipment, material and supplies tailored to relief operations.</p>				L	L	L
<p><b>NCO 11 SUPPORT/PROVIDE FOR THE EVACUATION OF NONCOMBATANT PERSONNEL IN AREAS OF CIVIL OR INTERNATIONAL CRISIS.</b></p>						
<p>NCO 11.1 Support/conduct helo/boat evacuation of noncombatant personnel as directed by higher authority from areas of civil or international crisis.</p> <p>I, IA(L) - Selected personnel must stand down from their I or IA stations to man NEO stations.</p>	L/A	L/A	F/A	F	F	F

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>NCO 11.3 Provide care, feeding and berthing of evacuees.</p> <p>I, IA(L) - Battle messing and emergency care only.</p>	L	L		F	F	F
<p>NCO 11.4 Provide transportation for evacuees to designated safe havens or onward processing centers.</p>	F	F		F	F	F
<p><b>NCO 19 CONDUCT MARITIME LAW ENFORCEMENT OPERATIONS.</b></p>						
<p>NCO 19.1 Detect and identify noncombatant vessels.</p>	F			F	F	F
<p>NCO 19.2 Conduct boarding and inspection of noncombatant vessels.</p> <p>Note: Sustained operations require certified non-compliant boarding team(s) or law enforcement detachment.</p> <p>IV, V(L) - Plan and train.</p>	F/E			F/E	L	L
<p>NCO 19.3 Provide assistance to other law enforcement forces.</p> <p>I(L) - May require securing personnel from other battle stations.</p> <p>IV, V(L) - Plan and train.</p>	L/A			F	L	L
<p>NCO 19.4 Provide surveillance and protection of maritime resources.</p> <p>IV, V(L) - Plan and train.</p>	F			F	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>NCO 19.6 Conduct seizure of noncombatant vessels.</p> <p>Note: Sustained operations require certified non-compliant boarding team(s) or law enforcement detachment.</p> <p>IV, V(L) - Plan and train.</p>	F/E			F/E	L	L
<p>NCO 19.9 Conduct drug traffic suppression and interdiction operations.</p> <p>Note: Sustained operations require certified non-compliant boarding team(s) or law enforcement detachment.</p> <p>IV, V(L) - Plan and train.</p>	F/E			F/E	L	L
<p><b>NCO 24 SUPPORT/CONDUCT ROTARY-WING A/C OPERATIONS.</b></p>						
<p>NCO 24.1 Support/conduct day rotary-wing A/C flight operations.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>NCO 24.2 Support/conduct night RW A/C flight operations.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
<p>NCO 24.3 Support/conduct RW A/C flight operations during all EMCON conditions.</p> <p>I, IA(L) - 6 of 10 spots only.</p> <p>FQ(L) - Underway 6 of 10 spots only; in port 2 spots.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
<p>NCO 24.4 Support/conduct RW A/C hot and cold refueling operations.</p> <p>I, IA(L) - 3 of 6 refueling spots only.</p> <p>FQ(L) - 3 of 6 refueling spots only; in port 1 of 6.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
<p>NCO 24.5 Provide electrical power for RW A/C starting, testing, etc.</p>	F	F	F	F	F	F

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<p>NCO 24.6 Provide ground handling equipment for loading and spotting RW A/C.</p> <p>I, IA(L) - All tow tractors and 4 of 6 A/C directors only.</p> <p>FQ(L) - Underway 2 of 4 tow tractors and 2 of 6 A/C directors only; in port 1 of 4.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L		L	L
<b>NCO 25 CONDUCT MARINE ENVIRONMENTAL PROTECTION.</b>						
NCO 25.1 Detect oil or hazardous chemical spill.	F	F		F	F	F
NCO 25.2 Report spills to proper authority.	F	F		F	F	F
NCO 25.3 Conduct pollution abatement operations.				F	F	F
<b>NCO 26 SERVE AS A PLATFORM FOR SPONSOR ORGANIZATIONS PERFORMING DEPARTMENT OF DEFENSE MISSIONS.</b>	<b>F</b>	<b>F</b>		<b>F</b>	<b>F</b>	<b>F</b>
<b>NCO 32 CONDUCT COUNTERNARCOTIC AND OTHER LAW ENFORCEMENT SUPPORT OPERATIONS IN CONJUNCTION WITH OTHER FORCES.</b>						
<p>NCO 32.1 Conduct/support operations with Coast Guard units.</p> <p>V(L) - Plan and train.</p>	F			F	F	L
<p>NCO 32.2 Conduct/support operations with other Federal law enforcement agencies.</p> <p>V(L) - Plan and train.</p>	F			F	F	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>NCO 32.4 Conduct operations with other national governments.</p> <p>V(L) - Plan and train.</p>	F			F	F	L
<p><b>NCO 34 IN SUPPORT OF COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT AND MONITOR SUSPECT SURFACE CONTACTS.</b></p>						
<p>NCO 34.1 Detect and monitor surface contacts with radar.</p> <p>IV, V(L) - Plan and train.</p>	F			F	L	L
<p>NCO 34.2 Detect and monitor surface contacts visually.</p> <p>III(L) - Capability provided by bridge watch team and aft lookout.</p> <p>IV, V(L) - Plan and train.</p>	F			L	L	L
<p>NCO 34.3 Detect and monitor surface contacts with infrared equipment.</p> <p>III(L) - Capability provided by bridge watch team and aft lookout.</p> <p>IV, V(L) - Plan and train.</p>	F			L	L	L
<p>NCO 34.4 Detect and monitor surface contacts with electronic surveillance methods.</p> <p>IV, V(L) - Plan and train.</p>	F			F	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>NCO 36 IN SUPPORT OF COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT AND MONITOR SUSPECT AIR CONTACTS.</b>						
NCO 36.1 Detect and monitor air contacts with radar.  IV, V(L) - Plan and train.	F			F	L	L
NCO 36.2 Detect and monitor air contacts visually.  III(L) - Capability provided by bridge watch team and aft lookout.  IV, V(L) - Plan and train.	F			L	L	L
NCO 36.3 Detect and monitor air contacts by electronic surveillance measures.  IV, V(L) - Plan and train.	F			F	L	L
<b>NCO 37 EMBARK AND SUPPORT LAW ENFORCEMENT DETACHMENTS.</b>	F			F	F	F
<b>NCO 38 RECEIVE, DISPLAY AND MAINTAIN COUNTER NARCOTIC INTELLIGENCE DATA.</b>	F			F	F	F
<b>NAVAL SPECIAL WARFARE (NSW)</b>						
<b>NSW 7 SUPPORT RAIDING PARTIES.</b>						
NSW 7.1 Provide logistic support and facilities for raiding parties.	F	F		F	F	F
NSW 7.2 Provide logistic support, facilities and mobility for special forces (landing force reconnaissance units, or special operations forces).	F	F		F	F	F

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>NSW 14 REPAIR OWN UNIT'S NSW EQUIPMENT.</b>		<b>L</b>	<b>L</b>		<b>F/A</b>	<b>F</b>	<b>F</b>
<p>Note: During condition III, full capability provided by on-call/off-watch personnel.</p> <p>I, IA(L) - Emergency repairs to equipment critical to ship's mission. May require standing down selected personnel from their condition I or IA stations.</p>							
<b>SURFACE WARFARE (SUW)</b>							
<b>SUW 1 USING ANTISURFACE ARMAMENTS, ENGAGE SURFACE THREATS.</b>							
SUW 1.6	Engage surface ships with minor caliber (cal) gunfire (i.e., 25 millimeter (mm), 20mm, .50 cal).	L/E	L/E		F/E	L	L
<p>I, IA(L) - Requires securing personnel from other condition I or IA stations.</p> <p>IV, V(L) - Plan and train.</p>							
SUW 1.9	Engage surface ships with small arms gunfire.	L/E	L/E		F/E	L	L
<p>I, IA(L) - Requires securing personnel from other condition I or IA stations.</p> <p>IV, V(L) - Plan and train.</p>							

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>SUW 1.10 Conduct close-in surface self-defense using crew operated machine guns (i.e., 25mm, 20mm, .50 cal, .30 cal).</p> <p>I, IA(L) - Requires securing personnel from other condition I or IA stations.</p> <p>IV, V(L) - Plan and train.</p>	L/E	L/E		F/E	L	L
<p>SUW 1.11 Employ self-defense torpedo countermeasures using:</p> <p>(a) NIXIE. (b) Surface ship torpedo defense.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>SUW 1.12 Plan/direct engagement of surface threats.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>SUW 1.14 Direct embarked or non-organic armed helo to engage surface ships.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>SUW 1.15 Engage surface ships with short-range missiles.</p> <p>Note: NSSMS only; RAM is not surface-to-surface capable.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>SUW 2 ENGAGE SURFACE TARGETS IN COOPERATION WITH OTHER FORCES.</b>							
SUW 2.5	Plan/direct engagement of surface targets during group operations by surface, subsurface and/or air assets or in coordination with naval/joint/combined forces.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>SUW 3 PROVIDE SUW DEFENSE OF A GEOGRAPHICAL AREA (E.G., ASSIGNED AO, BARRIER) INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.</b>							
SUW 3.2	Plan and direct SUW defense of a geographic area.  Note: Full capability with PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
<b>SUW 4 DETECT, IDENTIFY, LOCALIZE AND TRACK SURFACE SHIP TARGETS.</b>							
SUW 4.1	Detect, localize, and track surface contacts with radar.  III, IV(L) - Radar operator and dead reckoning tracer operator co-manned from other CIC watch stations.  V(L) - Plan and train.	F	F		L/A	L/A	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
SUW 4.4	<p>Detect, identify, classify, and track surface contacts visually.</p> <p>III, IV(L) - Capability provided by bridge watch team and aft lookouts.</p> <p>V(L) - Plan and train.</p>	F	F		L	L	L
SUW 4.5	<p>Detect, identify, and track surface contacts with infrared equipment.</p> <p>III, IV(L) - Capability provided by bridge watch team and aft lookouts.</p> <p>V(L) - Plan and train.</p>	F	F		L	L	L
SUW 4.6	<p>Detect, identify, classify, and track surface contacts by ESM.</p> <p>Note: Able to track surface contacts with assistance of another ship or ESM equipped A/C.</p> <p>IV(L) - ESM operator only.</p> <p>V(L) - Plan and train.</p>	F	F		F	L	L
SUW 4.7	<p>Identify surface contacts.</p> <p>Note: Full capability requires augmentation from off-watch personnel.</p> <p>V(L) - Plan and train.</p>	F	F		F/A	F/A	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>SUW 4.13 Detect, identify, and track surface contacts with night vision goggles.</p> <p>I, 1A, III(L) - Night vision goggles are available to bridge watch team.</p> <p>IV, V(L) - Plan and train.</p>	L	L		L	L	L
<p>SUW 4.14 Plan/direct detection, identification, localization, classification, and tracking of surface ship targets.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<b>SUW 6 DISENGAGE, EVADE, AND AVOID SURFACE ATTACK.</b>						
<p>SUW 6.1 Employ countermeasures.</p> <p>(b) Lighting configuration (c) Hull markings (zz) Other: Numbering</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
<p>SUW 6.2 Employ evasion techniques.</p> <p>V(L) - Plan and train.</p>	F	F		F	F	L
<p>SUW 6.3 Employ EMCON procedures.</p> <p>V(L) - Plan and train.</p>	F	F	F	F	F	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
SUW 6.4	Detect, identify, and track surface targets to perform contact avoidance using ESM or RDF/Combat DF/OUTBOARD.  I, IA, III(L) - Able to track surface contacts with assistance of another ship or ESM equipped A/C.  IV, V(L) - Plan and train.	L	L		L	L	L
SUW 6.5	Plan/direct disengagement, evasion and avoidance of surface attack.  IV, V(L) - Plan and train.	F	F		F	L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
<b>SUW 8 PROVIDE AIR OPERATIONS TO SUPPORT SURFACE ATTACKS.</b>  Note: Use of Marine A/C in support of Navy functions will only occur as specified in the emergency defense of the ATF memorandum of understanding as signed by commander, ATF/commander, landing force.  Note: Emergency SUW capability when AV-8/AH-1 A/C embarked. AV-8/AH-1 not suitable for routine force SUW CAP assignment.							
SUW 8.1	Launch FW and/or RW A/C.  I, IA(L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L		L	L
SUW 8.2	Recover FW and/or RW A/C.  I, IA(L) - 6 of 10 spots only.  FQ(L) - Underway 6 of 10 spots only; in port 2 spots.  IV, V(L) - Plan and train.	L	L	L		L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
SUW 8.3	<p>Conduct close combat attacks under all weather conditions.</p> <p>IV, V(L) - Plan and train.</p>	F	F	F		L	L
SUW 8.5	<p>Provide conventional ordnance within required A/C turnaround times.</p> <p>Note: Full capability assumes AV-8/AH-1 LFORM class V(A) loaded when AV-8/AH-1 embarked for amphibious operations.</p> <p>Note: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Embarked Marine personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area on flight deck.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A		L	L
SUW 8.6	<p>Conduct air operations during all EMCON conditions.</p> <p>III, IV, V(L) - Plan and train.</p>	F	F	F	L	L	L

LHA 1 CLASS		I	IA	FQ	III	IV	V
SUW 8.8	Control A/C under all conditions of active jamming.  Note: Full capability when TACRON detachment is embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
SUW 8.9	Load/unload ordnance within required A/C turnaround times.  Note: Full capability assumes AV-8/AH-1 LFORM class V(A) loaded when AV-8/AH-1 embarked for amphibious operations.  Note: Ship's company AOs responsible for breakout/strike down, assembly/disassembly and movement of aviation ordnance to the staging area/cargo holds. Embarked Marine personnel responsible for load/unload of aviation ordnance on/from A/C and movement of aviation ordnance to/from the staging area on flight deck.  IV, V(L) - Plan and train.	F/A	F/A	F/A		L	L

<b>LHA 1 CLASS</b>		<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
SUW 8.10	Provide air strike control to direct or assist attack A/C.  Note: Full capability when TACRON detachment is embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L
SUW 8.11	Conduct precision radar controlled approach for A/C under all weather conditions.  IV, V(L) - Plan and train.	F	F	F		L	L
SUW 8.12	Plan/direct air operations to support surface attacks.  Note: Full capability with PHIBRON and TACGRU/TACRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A		F/A	L	L
SUW 8.13	Control FW or RW SUW A/C during coordinated search or attack operations including over-the-horizon targeting (OTHT).  Note: Full capability when TACGRU/TACRON staff embarked.  IV, V(L) - Plan and train.	F/E	F/E		F/E	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p>SUW 8.14 Render safe hazardous explosive ordnance during flight operations and ordnance loading/unloading evolutions.</p> <p>Note: Full capability with EOD detachment embarked.</p> <p>V(L) - Plan and train.</p>	F/E	F/E	F/E	F/E	F/E	L
<p>SUW 8.15 Provide air strike control to direct or assist naval/joint/combined or attack A/C.</p> <p>Note: Full capability when TACGRU/TACRON staff is embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E		F/E	L	L
<b>SUW 9 ATTACK SURFACE SHIPS USING AIR-LAUNCHED ARMAMENT.</b>						
<p>SUW 9.11 Plan/direct attacks on surface ships using air-launched armament.</p> <p>Note: Full capability with PHIBRON and TACGRU/TACRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<b>SUW 10 CONDUCT AIRBORNE OPERATIONS TO SUPPORT SURFACE ATTACK OPERATIONS.</b>						
<p>SUW 10.5 Provide OTHT information to support air SUW operations.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L

<b>LHA 1 CLASS</b>	<b>I</b>	<b>IA</b>	<b>FQ</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<p>SUW 10.6 Plan/direct airborne operations to support group or naval/joint/combined SUW operations.</p> <p>Note: Full capability with PHIBRON and TACGRU/TACRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>SUW 11 PERFORM DUTIES OF A/C CONTROL UNIT FOR A/C INVOLVED IN SUW OPERATIONS.</b></p> <p>Note: Full capability with PHIBRON and TACGRU/TACRON staff embarked.</p>						
<p>SUW 11.1 Perform A/C control for A/C involved in SUW operations.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p>SUW 11.2 Plan/direct A/C control for A/C involved in SUW operations.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L
<p><b>SUW 12 SUPPORT/CONDUCT ESCORTING AND INDEPENDENT SUW OPERATIONS.</b></p>						
<p>SUW 12.4 Plan/direct independent SUW operations.</p> <p>IV, V(L) - Plan and train.</p>	F	F		F	L	L
<p>SUW 12.5 Plan/direct SUW while escorting a convoy, ARG and/or amphibious force.</p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A		F/A	L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<b>SUW 13 CONDUCT PRE-ATTACK DECEPTION IN SUPPORT OF SUW OPERATIONS.</b>						
SUW 13.1 Perform pre-attack deception in support of SUW operations.  IV, V(L) - Plan and train.	F	F		F	L	L
SUW 13.2 Plan/direct pre-attack deception in support of SUW operations.  IV, V(L) - Plan and train.	F	F		F	L	L
<b>SUW 14 REPAIR OWN UNIT'S SUW EQUIPMENT.</b>  Note: During condition III, full capability provided by on-call/off-watch personnel.  I, IA(L) - Emergency repairs to equipment critical to ship's mission. May require standing down selected personnel from their condition I or IA stations.	L	L		F/A	F	F
<b>SUW 16 PERFORM SUW BDA.</b>						
SUW 16.2 Coordinate and evaluate SUW BDA.  IV, V(L) - Plan and train.	F	F			L	L

LHA 1 CLASS	I	IA	FQ	III	IV	V
<p><b>SUW 17 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S SUW CAPABILITIES.</b></p> <p>I, IA(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	L