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N95  
25 Mar 2014

OPNAV INSTRUCTION 3501.30E

From: Chief of Naval Operations

Subj: PROJECTED OPERATIONAL ENVIRONMENT AND REQUIRED  
OPERATIONAL CAPABILITIES FOR LSD 41 (WHIDBEY ISLAND AND  
CARGO VARIANT) CLASS DOCK LANDING SHIPS

Ref: (a) OPNAVINST C3501.2K (NOTAL)  
(b) NT&P 1-03.I

Encl: (1) Projected Operational Environment (POE) for LSD 41  
(WHIDBEY ISLAND and Cargo Variant) Class Dock Landing  
Ships  
(2) Required Operational Capabilities (ROC) for LSD 41  
(WHIDBEY ISLAND and Cargo Variant) Class Dock Landing  
Ships

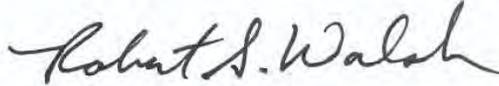
1. Purpose. To issue the required operational capabilities (ROC) and the projected operational environment (POE) for dock landing (LSD) 41 (WHIDBEY ISLAND and Cargo Variant) class ships. This instruction is being reissued with a new date, updated version and signature authority to meet the Chief of Naval Operations' age requirement for the Office of the Chief of Naval Operations (OPNAV) instructions.

2. Cancellation. OPNAVINST 03501.30D.

3. Discussion. Enclosures (1) and (2) have been prepared pursuant to reference (a). The ROC and POE provide the necessary details to describe the mission areas, environment, and operational capabilities for which the LSD 41 class was designed and organized as required per reference (a). This instruction provides resource agencies information concerning LSD 41 class mission requirements, capabilities, and the types and locations of expected operations. Together, the ROC and POE establish tasking that 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. Request fleet commanders periodically review enclosures (1) and (2) and recommend changes through appropriate administrative chain of command to the Director, Expeditionary Warfare (OPNAV N95) (Attn: Expeditionary Warfare Division (N953)) when mission or capabilities of LSD 41 class are significantly altered. Change recommendations should include comments on the expected fleet manpower document/activity manpower document impact.

5. Record Management. Records created as a result of this instruction, regardless of media and format, shall be managed per Secretary of the Navy Manual 5210.1 of January 2012.



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PROJECTED OPERATIONAL ENVIRONMENT (POE)  
FOR  
LSD 41 (WHIDBEY ISLAND AND CARGO VARIANT)  
CLASS DOCK LANDING SHIPS

1. The LSD 41 class ship's mission is to operate in a high density, multi-threat environment as an integral member of a joint task force, amphibious ready group/marine expeditionary unit (ARG/MEU), or expeditionary strike group (ESG). In addition, this class provides its own limited air warfare (AW) and surface warfare (SUW) self-defense.
2. The most demanding operating environment anticipated for the LSD 41 class is forward deployed wartime operations within the littoral battlespace in cooperation with joint/multinational forces, including operations involving coordination with 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 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 overseas contingency operations, the LSD 41 class could encounter 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/multi-national partners.
4. LSD 41 class is not flag-configured; no unique facilities are provided for an embarked staff. The United States Marine Corps (USMC) landing force commander has a dedicated space, however, they are required to carry on support equipment (other than power and command, control, communications, computers, and intelligence (C4I) drops). As well, other detachments will provide their own equipment that will be supported by pre-existing, C4I drops and electrical outlets.

5. The LSD 41 class ships are capable of performing all assigned primary mission areas except amphibious warfare (AMW) and AW while maintaining readiness condition I, IA, II, III (wartime/forward deployment cruising readiness), IV (peacetime training steaming), or V (in port training).

6. During amphibious operations, the ship can operate from over the horizon or close to the shoreline in restricted waters. It is able to conduct sustained amphibious operations after the initial assault by selectively reducing secondary functions to provide personnel augmentation to primary operations.

REQUIRED OPERATIONAL CAPABILITIES (ROC)  
FOR  
LSD 41 (WHIDBEY ISLAND AND CARGO VARIANT)  
CLASS DOCK LANDING SHIPS

1. The LSD 41 class ship's mission is to operate offensively in a high density, multi-threat environment as an integral member of a joint task force, ARG/MEU, or ESG. In addition, this class provides its own limited AW and SUW self-defense. Accordingly, the following primary and secondary warfare mission areas are assigned:

LSD 41 CLASS														
AMW	ASW	AW	CCC	FHP	FSO	INT	IO	LOG	MIW	MOB	MOS	NCO	NSW	SUW
P	S	P	P	S	S	S	S	S	S	P	P	S	S	S
AMW: amphibious warfare								IO: information operations						
ASW: antisubmarine warfare								LOG: logistics						
AW: air warfare								MIW: mine warfare						
CCC: command, control and communications								MOB: mobility						
FHP: force health protection								MOS: missions of state						
FSO: fleet support operations								NCO: noncombat operations						
INT: intelligence operations								NSW: naval special warfare						
								SUW: surface warfare						

2. 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 (battle readiness), the ship shall be capable of meeting the following criteria:

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

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

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

(2) For the LSD 41, 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

(1) Condition IA is the condition prescribed for amphibious ships while conducting amphibious operations. The ship shall be capable of performing all offensive and defensive functions with limitations as follows:

(a) Capable of simultaneous conduct of flight operations and wet well operations.

(b) Ammunition magazines will be manned by a nucleus crew only.

(c) Repair parties will include supervisors, investigators, talkers, and other key personnel; however, some repair party personnel may be assigned to other stations required for amphibious operations as long as they are readily available in the event that condition I must be set to counter threats to the ship.

(2) Maximum expected crew endurance is 24 continuous hours. For certain departments such as deck, condition IA requirements may exceed those required to support condition III.

c. Condition II: Modified Battle Readiness

(1) Condition II is condition I battle readiness modified to meet particular imminent threats that are situation-dependent. As such, condition II is a subset of condition I that stands up particular condition I capabilities at the discretion of the task force or group commander, or commanding officer. 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, and 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 threats that 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 4-6 hours of rest provided per person per day. Since scenarios cannot be fixed in advance for all foreseeable combinations of circumstances other than full general quarters, a condition II column is not portrayed in the table of ROCs.

d. Condition III: Wartime/Increased Tension/Forward Deployed Cruising Readiness

(1) Condition III is indefinite, sustained wartime/forward deployed steaming where 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 LSD 41 class, this condition includes pre-assault and post-assault operations en route to or in the amphibious objective area (AOA). The minimum expected crew endurance for condition III is 60 consecutive days, with opportunity for eight hours of rest provided per person per day. The 60-day factor applies to logistics computations and is not the principal factor in the manpower computation.

(3) A ship is considered deployed (i.e., in condition III) when homeported overseas, when out of homeport for more than eight weeks, when specified as deployed by the fleet commander or when assigned to the operational control of Commander, Sixth Fleet; Commander, Seventh Fleet; Commander, Fourth Fleet; Commander, U.S. Naval Forces Africa Command; or Commander, Fifth Fleet.

e. 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, IA, II, or III is expected.

f. 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.

3. ROC symbols are used to specify the desired level of achievement of readiness or other work for or during a particular readiness condition. Readiness normally applies to

watches and/or evolutions, while other work refers to non-watch activity such as performing maintenance or running the galley.

a. Capabilities

(1) "F" = "Full." The capability is to be fully achieved. For operational functions (watches), this means that installed equipment or systems will be fully manned to design capability. For support functions, sufficient manning is provided to ensure effective accomplishment of all assigned 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 when set may either supplement or replace all or part of the existing watch organization. Man overboard and replenishment details are two examples.

		<b>CAPABILITY</b>	
		<b>FULL</b>	<b>LIMITED</b>
<b>MODIFIER</b>			
<b>None</b>	▶	<b>Manned to design capacity for duration of condition</b>	<b>Manned to less than design capacity for duration of condition</b>
<b>A</b>	▶	<b>Temporarily manned to design capacity using off-watch personnel</b>	<b>Temporarily manned to less than design capacity using off-watch personnel</b>
<b>E</b>	▶	<b>Temporarily manned to design capacity using a special team</b>	<b>Temporarily manned to less than design capacity using a special team</b>

4. Normally, using an "A" or an "E" requires no amplifying statement as their meanings are predefined. However, in the case of the LSDs 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. This ROC/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

LSD 41 CLASS		I	IA	III	IV	V
<b>AMPHIBIOUS WARFARE (AMW)</b>						
<b>AMW 1</b>	<b>LOAD, TRANSPORT AND LAND COMBAT EQUIPMENT, MATERIAL, SUPPLIES AND ATTENDANT PERSONNEL OF A FORCE OR GROUP IN AN AMPHIBIOUS ASSAULT.</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.  IA, III, IV, V(L) - For flight quarters 1 of 2 spots.		L/A	L/A	L/A	L/A
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
AMW 1.3	Land combat equipment, material and supplies with attendant personnel by air and/or surface transport during amphibious operation.  I, IA(L/E) - The LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.	L/E	L/E	F/E	F/E	F/E

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 1.6	Plan/direct the loading, transporting and landing of combat equipment, material and supplies with attendant personnel in an amphibious operation.  Note: Full capability with embarked troops.  IV, V(L) - Plan and train.	F/A	F/A	F/A	L	L
<b>AMW 2</b>	<b>LOAD, TRANSPORT AND LAND ELEMENTS OF A LANDING FORCE WITH THEIR EQUIPMENT, MATERIAL AND SUPPLIES 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 2.1	Load elements of a landing force with their equipment and supplies for an amphibious operation.  IA, III, IV, V(L) - For flight quarters 1 of 2 spots.		L/A	L/A	L/A	L/A
AMW 2.2	Transport landing force to the assault area.  IV, V(L) - Plan and train.	F		F	L	L
AMW 2.3	Land the force and their equipment and supplies by air and/or waterborne means during an amphibious operation.  I, IA(L/E) - The LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.	L/E	L/E	F/E	F/E	F/E
AMW 2.6	Provide physical conditioning and acclimatization area for embarked troops.			F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 2.7	<p>Provide emergency resupply of supplies and ammunition by air.</p> <p>I, IA(L) - Flight quarters manning must be augmented from repair party stations.</p> <p>IV, V(L) - Plan and train.</p>	L/A	L/A		L	L
<b>AMW 3</b>	<p><b>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 marshalling. Well deck operations manned by ship's company and require augmentation by off-watch personnel during condition III.</p>					
AMW 3.1	<p>Re-embark and transport personnel of the landing force.</p> <p>IA(L/E) - The LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p>		L/E	F/E	F/E	F/E
AMW 3.2	<p>Re-embark and transport equipment, materials and supplies.</p> <p>IA(L/E) - The LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p>		L/E	F/E	F/E	F/E
<b>AMW 4</b>	<p><b>SERVE AS PRIMARY CONTROL SHIP IN SHIP-TO-SHORE MOVEMENT.</b></p> <p>Note: Full capability with PHIBRON staff embarked.</p> <p>Note: Not possible to fully embark both MEU and amphibious squadron (PHIBRON) simultaneously due to space limitations.</p> <p>IV, V(L) - Plan and train.</p>		F/A	F/A	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AMW 5</b>	<b>CONDUCT LANDING CRAFT OR AMPHIBIOUS VEHICLE OPERATIONS TO SUPPORT AN AMPHIBIOUS OPERATION.</b>					
AMW 5.1	<p>Conduct landing craft operations.</p> <p>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.</p> <p>IV, V(L) - Plan and train.</p>		F	F/E	L	L
AMW 5.2	<p>Conduct amphibious vehicle operations.</p> <p>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.</p> <p>IV, V(L) - Plan and train.</p>		F	F/E	L	L
AMW 5.4	<p>Provide hull mechanical and electrical and electronics maintenance and repair for embarked amphibious assault craft.</p> <p>Note: Organizational level landing craft air cushion vehicle (LCAC) maintenance provided by LCAC detachment personnel.</p> <p>IA(L) - Emergency repairs only. Requires standing down selected personnel from condition IA stations.</p>		L	F/A	F/A	F/A

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 5.5	<p>LCAC vehicle operations.</p> <p>Note: For LSD 41 class, well deck capable of holding four LCACs, handling one LCAC at a time. For LSD 41 Cargo Variant, well deck capable of holding two LCACs, handling one LCAC at a time.</p> <p>III, IV, V(L) - Plan and train.</p>		F	L	L	L
AMW 5.6	<p>Plan/direct the use of landing craft or amphibious vehicle operations in support of amphibious operation.</p> <p>IA(L) - Direct.</p> <p>III, IV, V(L) - Plan and train.</p>		L	L	L	L
<b>AMW 6</b>	<p><b>CONDUCT HELO OPERATIONS TO SUPPORT AN AMPHIBIOUS ASSAULT.</b></p> <p>Note: The LSD 41 class is not billeted to man the flight deck in condition I, and must divert people away from the well deck in order to man the flight deck in condition IA, and must station additional personnel to man the flight deck during conditions III and IV.</p>					
AMW 6.1	<p>Conduct day helo flight operations.</p> <p>I, IA(L/E) - LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p>	L/E	L/E	F/E	F/E	F/E
AMW 6.2	<p>Conduct night helo flight operations.</p> <p>I, IA(L/E) - LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p>		L/A	F/E	F/E	F/E

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AMW 6.5	<p>Conduct helo flight operations during all emissions control (EMCON) conditions.</p> <p>I, IA(L) - LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p> <p>V(L) - Plan and train.</p>		L/A	F/E	F/E	F/E
AMW 6.6	<p>Conduct helo hot and cold refueling operations.</p> <p>I, IA(L) - LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p> <p>V(L) - Plan and train.</p>		L/A	F/E	F/E	F/E
AMW 6.7	<p>Serve as helo haven.</p> <p>I, IA(L) - LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p>	L/E	L/E	F/E	F/E	F/E
AMW 6.8	<p>Provide electrical power for helo starting, testing, etc.</p>	F	F	F	F	F
AMW 6.9	<p>Provide ground handling equipment for loading and spotting helos.</p> <p>I, IA(L) - LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p>	L/E	L/E	F/E	F/E	F/E

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AMW 11 CONDUCT AMPHIBIOUS CARGO HANDLING OPERATIONS.</b>	Note: Ship's company normally augmented by USMC personnel for cargo and equipment handling. Well deck and cargo handling stations manned by off watch-personnel.					
AMW 11.1	Plan/direct amphibious cargo handling operations.  Note: Full capability with embarked troops.  III, IV, V(L) - Plan and train.	F/A	F/A	L	L	L
AMW 11.2	Conduct amphibious cargo handling operations.  Note: Full capability with embarked troops.		F/A	F/A	F/A	F/A
<b>AMW 15 PROVIDE AIR OPERATIONS TO SUPPORT AMPHIBIOUS OPERATIONS.</b>						
AMW 15.1	Launch fixed wing and/or rotary wing aircraft.  I, IA(L/E) - The LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.	L/A	L/A	F/E	F/E	F/E
AMW 15.2	Recover fixed wing and/or rotary wing aircraft.  I, IA(L/E) - Flight quarters manning must be augmented from repair party stations.	L/A	L/A	F/E	F/E	F/E
<b>AMW 17 CONDUCT VERTICAL SHORT TAKE-OFF AND LANDING (VSTOL) FLIGHT OPERATIONS TO SUPPORT AN AMPHIBIOUS OPERATION.</b>	I, IA(L/E) - Emergency operations only. Not a routine or a contingency capability. The LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.	<b>L/E</b>	<b>L/E</b>	<b>F/E</b>	<b>F/E</b>	<b>F/E</b>

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AMW 20 REPAIR OWN UNIT'S AMW 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>AMW 23 CONDUCT ADVANCE FORCE OPERATIONS FOR AN AMPHIBIOUS OPERATION.</b>						
	<p>Note: Full capability with amphibious group (PHIBGRU)/ amphibious squadron staff, Marine expeditionary force (MEF) or Marine expeditionary brigade (MEB) or Marine air-ground task force (MAGTF) with MEU embarked.</p> <p>Note: Not possible to fully embark both MEU and PHIBRON simultaneously due to space limitations.</p>					
AMW 23.1	<p>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
<b>AMW 24 CONDUCT DIRECT ACTION AMPHIBIOUS RAIDS.</b>						
	<p>Note: Full capability with PHIBGRU/PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.</p> <p>Note: Not possible to fully embark both MEU and PHIBRON simultaneously due to space limitations.</p>					
AMW 24.1	<p>Plan/direct direct action amphibious raids.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A	L	L
AMW 24.2	<p>Conduct direct action amphibious raids.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AMW 26 CONDUCT TACTICAL RECOVERY OF AIRCRAFT AND PERSONNEL (TRAP) .</b>						
	Note: Full capability with PHIBGRU/PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.					
	Note: Not possible to fully embark both MEU and PHIBRON simultaneously due to space limitations.					
AMW 26.1	Plan/direct TRAP missions.	L/E	L/E	F/E	F/E	F/E
AMW 26.2	Conduct TRAP missions.	L/E	L/E	F/E	F/E	F/E
<b>AMW 27 CONDUCT IN-EXTREMIS HOSTAGE RECOVERY (IHR) .</b>						
	Note: Full capability with PHIBGRU/PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.					
AMW 27.1	Plan/direct IHR operations.	F/A	F/A	F/A	L	L
	IV, V(L) - Plan and train.					
AMW 27.2	Conduct IHR operations.	F/A	F/A	F/A	L	L
	IV, V(L) - Plan and train.					
<b>AMW 28 CONDUCT INITIAL TERMINAL GUIDANCE MISSIONS .</b>						
	Note: Full capability with PHIBGRU/PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.					
	Note: Not possible to fully embark both MEU and PHIBRON simultaneously due to space limitations.					
AMW 28.1	Plan/direct initial terminal guidance missions.	F/A	F/A	F/A	L	L
	IV, V(L) - Plan and train.					
AMW 28.2	Conduct initial terminal guidance missions.	F/A	F/A	F/A	L	L
	IV, V(L) - Plan and train.					

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AMW 29</b>	<b>CONDUCT SECURITY OPERATIONS TO PROTECT U.S. PROPERTY AND NONCOMBATANTS IN HOSTILE AND NONHOSTILE ENVIRONMENTS.</b>  Note: Full capability with PHIBGRU/PHIBRON staff, MEF or MEB or MAGTF with MEU embarked.  Note: Not possible to fully embark both MEU and PHIBRON simultaneously due to space limitations.					
AMW 29.1	Plan/direct security operations to protect U.S. property and noncombatants in hostile and non-hostile foreign environments.  IV, V(L) - Plan and train.	F/A	F/A	F/A	L	L
AMW 29.2	Conduct security operations to protect U.S. property and noncombatants in hostile and non-hostile foreign environments.  IV, V(L) - Plan and train.	F/A	F/A	F/A	L	L
<b>AMW 31</b>	<b>PROVIDE INSTRUCTION TO NON-U.S. UNITS USING MOBILE TRAINING TEAMS.</b>  Note: Full capability with PHIBGRU/PHIBRON staff embarked.					
AMW 31.1	Plan/direct use of mobile training teams to provide instruction to non-U.S. units.			F/A	F/A	F/A
AMW 31.2	Conduct use of mobile training teams to provide instruction to non-U.S. units.			F/A	F/A	F/A

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AMW 43</b>	<p><b>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
<b>AMW 44</b>	<p><b>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	F	L	L
<b>ANTISUBMARINE WARFARE (ASW)</b>						
<b>ASW 6</b>	<b>ENGAGE SUBMARINES INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.</b>					
ASW 6.8	<p>Detect, localize, and track subsurface contacts which are at periscope depth visually or with radar.</p> <p>V(L) - Plan and train.</p>	F	F	F	F	L
ASW 6.14	<p>Detect, identify, classify and track subsurface contacts which are at periscope depth by electronic support measures (ESM).</p> <p>IV(L) - ESM operator only.</p> <p>V(L) - Plan and train.</p>	F	F	F	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>ASW 7</b>	<b>ATTACK SUBMARINES WITH ANTISUBMARINE ARMAMENT.</b>					
ASW 7.9	<p>Attack with guns.</p> <p>I, IA(L) - Man two 25 mm and two .50 cal mounts. Manning additional .50 cal mounts requires securing personnel from other condition I or IA stations.</p> <p>IV, V(L) - Plan and train.</p>	L	L	F/A	L	L
<b>ASW 8</b>	<b>DISENGAGE, EVADE, AVOID AND DECEIVE SUBMARINES.</b>					
ASW 8.1	<p>Employ torpedo countermeasures and evasion techniques, including:</p> <p>(a) Torpedo Countermeasures - Towed electromagnetic broadband noisemaker (NIXIE)</p> <p>(zz) Other - Countermeasures System, Torpedo if installed.</p> <p>IA(L) - May require standing down selected personnel from their IA stations.</p> <p>IV, V(L) - Plan and train.</p>	F	L/A	F	L	L
ASW 8.5	<p>Plan/direct submarine disengagement, evasion and avoidance by employing torpedo countermeasures, anti-counter measure, anti-counter counter measures, deception and evasion techniques.</p> <p>Note: Deception and evasion techniques only.</p> <p>IV, V(L) - Plan and train.</p>	F	F	F	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>ASW 9 REPAIR OWN UNIT'S ASW 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>ASW 13 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S ASW CAPABILITIES.</b>		<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>
<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>						
<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>IA(L) - Close-in weapon system (CIWS) in air-to-air weapon (AAW) manual mode, without magazine reload. Remote control panels manned.</p> <p>III(L) - CIWS in AAW manual mode, without magazine reload. Remote control panels co-manned by other Combat Information Center (CIC) watch stations.</p> <p>IV, V(L) - Plan and train.</p>	<b>F</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AW 6</b>	<b>DETECT, IDENTIFY AND TRACK AIR TARGETS.</b>					
AW 6.1	Measure aircraft altitude by fade chart.  V(L) - Plan and train.	F	F	F	F	L
AW 6.2	Recognize by sight friendly and enemy aircraft.  V(L) - Plan and train.	F	F	F	F	L
AW 6.3	Maintain an accurate air plot.  Note: Maintain plot on air search radar scope.  V(L) - Plan and train.	F	F	F	F	L
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 (GFCS)/missile fire control systems.  IA(L) - CIWS in AAW manual mode, without magazine reload. Remote control panels manned.  III(L) - CIWS in AAW manual mode, without magazine reload. Remote control panels co-manned by other CIC watch stations.  IV, V(L) - Plan and train.	F	L	L	L	L
AW 6.7	Detect, classify and track air targets by ESM.  IV(L) - Supervisor and system operator position only for search and identification of non-communication signals. Location and targeting requires augmentation.  V(L) - Plan and train.	F	F	F	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AW 6.11	Detect, identify and track air targets using night vision devices.  V(L) - Plan and train.	F	F	F	F	L
AW 6.13	Identify air targets as friendly/non-friendly using transponder interrogation equipment.  IV, V(L) - Plan and train.	F	F	F	L	L
AW 6.14	Detect, identify and track targets using electro optical-infrared (EO-IR) equipment.  V(L) - Plan and train.	F	F	F	F	L
<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: Only ships outfitted with rolling airframe missile (RAM). Medium altitude only.  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.  Note:: Only ships outfitted with RAM.  III(L) - Man one RAM operator station only.  IV, V(L) - Plan and train.	F	F	L	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
AW 9.4	Engage low/medium altitude airborne threats with gunfire.  Note: Low altitude only.  IA(L) - CIWS in AAW manual mode, without magazine reload. Remote control panels manned.  III(L) - CIWS in AAW manual mode, without magazine reload. Remote control panels co-manned by other CIC watch stations.  IV, V(L) - Plan and train.	F	L	L	L	L
AW 9.6	Engage airborne threats utilizing soft-kill weapons systems (i.e., chaff/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
<b>AW 11 REPAIR OWN UNIT'S AW 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. All critical combat system spaces manned with at least one technician in each space.	<b>L</b>	<b>L</b>	<b>F/A</b>	<b>F</b>	<b>F</b>

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>AW 12</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S AW CAPABILITIES.</b>	<b>L</b>	<b>L</b>	<b>F</b>	<b>L</b>	<b>L</b>
	<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>IV(L) - Man CSOSS watch organization with CSOW/combat systems maintenance supervisor and electronics support supervisor.</p> <p>V(L) - Plan and train.</p>					
<b>COMMAND, CONTROL AND COMMUNICATIONS (CCC)</b>						
<b>CCC 1</b>	<b>PROVIDE C2 FACILITIES FOR A TASK ORGANIZATION COMMANDER AND STAFF.</b>					
CCC 1.1	<p>Support (spaces, equipment and facilities only) embarked warfare commander or coordinator (other than own unit commanding officer (CO)).</p> <p>I, IA, III, IV, V(L) - Provide emergency support to partial staff elements for a short duration, sharing spaces and facilities with ship's company.</p>	L	L	L	L	L
CCC 1.7	<p>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.</p> <p>I, IA, III, IV, V(L) - Provide emergency support to partial staff elements for a short duration, sharing spaces and facilities with ship's company</p>	L	L	L	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S C2 FUNCTIONS.</b>					
CCC 3.1	Maintain a CIC or CDC capable of collecting, processing, displaying, evaluating and disseminating tactical information.  V(L)- Plan and train	F	F	F	F	L
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.	F	F	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently.  V(L) - Plan and train.	F	F	F	F	L
CCC 3.5	Employ identification friend or foe (IFF/selective identification feature including secure IFF Mode 4.  V(L) - Plan and train.	F	F	F	F	L
CCC 3.7	Maintain a CIC or CDC capable of supporting a tactical action officer.  V(L)- Plan and train	F	F	F	F	L
CCC 3.8	Establish voice communications with USMC evacuation and command nets and/or Naval Support Activity (NSA) net.  V(L)- Plan and train	F	F	F	F	L
CCC 3.11	Establish voice communications with supported forces.  V(L)- Plan and train	F	F	F	F	L
<b>CCC 4</b>	<b>MAINTAIN NAVY TACTICAL DATA SYSTEM (NTDS) OR DATA LINK CAPABILITY.</b>					
CCC 4.13	Transmit/receive data via Global Command and Control System-Martitime (GCCS-M).  V(L) - Plan and train.	F	F	F	F	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>CCC 6</b>	<b>PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>					
CCC 6.1	Maintain tactical voice communications.	F	F	F	F	F
CCC 6.2	Maintain visual communications.	F	F	F	F	F
CCC 6.5	Maintain full duplex cryptographically covered high frequency teletype/data circuits.	F	F	F	F	F
CCC 6.6	Process messages.	F	F	F	F	F
CCC 6.12	Maintain internal communications systems.	F	F	F	F	F
CCC 6.13	Maintain capability for low probability of intercept (LPI) HF communications.  V(L) - Plan and train.	F	F	F	F	L
CCC 6.16	Provide tactical, secure, anti-jam ultra-high frequency (UHF) voice communications.  V(L) - Plan and train.	F	F	F	F	L
CCC 6.17	Provide tactical, secure, anti-jam 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
<b>CCC 9</b>	<b>RELAY COMMUNICATIONS.</b>					
CCC 9.1	Relay 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
CCC 9.3	Relay electronic communications.	F	F	F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>CCC 19 REPAIR OWN UNIT'S CCC EQUIPMENT.</b>		<b>F</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>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>					
<b>CCC 20 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S CCC CAPABILITIES.</b>		<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>
	<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>					
<b>(U) ELECTRONIC WARFARE</b>						
<b>EW 1 CONDUCT ES OPERATIONS.</b>						
EW 1.1	<p>Search for and intercept electromagnetic and directed energy signals and emissions.</p> <p>Note: Non-communications only.</p> <p>V(L) - Plan and train.</p>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>L</b>
EW 1.2	<p>Identity C2 and weapons systems' signals.</p> <p>V(L) - Plan and train.</p>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>L</b>

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
EW 1.3	Identify threat platforms' communications and weapons signal sources.  Note: Non-communications only.  V(L) - Plan and train.	F	F	F	F	L
EW 1.4	Provide location or targeting information of threat weapons/ C2/platforms/signal sources.  I, IA, III, IV(L) - Line of bearing only.  V(L) - Plan and train.	L	L	L	L	L
EW 1.5	Provide timely threat alert for actions involving electronic attack (EA), electronic protect (EP), EMCON, avoidance, deception and targeting.  V(L) - Plan and train.	F	F	F	F	L
EW 1.6	Conduct ES for self-defense.  IV(L) - ESM Operator only.  V(L) - Plan and train.	F	F	F	L	L
<b>EW 3 CONDUCT EP OPERATIONS.</b>						
EW 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
EW 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
EW 3.7	Implement appropriate/directed electromagnetic/acoustic EMCON condition.	F	F	F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
EW 3.8	Transition rapidly from one EMCON condition or another.  IV, V(L) - Ships will not be able to rapidly transition between EMCON conditions due to locked or unmanned spaces.	F	F	F	L	L
EW 3.9	Monitor own unit compliance with EMCON condition in effect.  Note: Compliance with EMCON can be effectively enforced for ship, ARG/MEU, or ESG for non-communications emitters only.	F	F	F	F	F
EW 3.10	Monitor task group/force compliance with EMCON condition in effect.  Note: Compliance with EMCON can be effectively enforced for ship, ARG/MEU, or ESG for non-communications emitters only.	F	F	F	F	F
EW 3.13	Manage electromagnetic/acoustic and/or other emissions to minimize mutual interference among friendly systems.  V(L) - Plan and train.	F	F	F	F	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
FHP 23.2	Conduct physical examinations.			F	F	F
FHP 23.3	Conduct lab diagnostic services requiring:  (a) Hospital corpsmen.  I, IA(L) - Battle casualty support.	L	L	F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FHP 23.4	<p>Conduct basic ward care.</p> <p>I, IA, III, IV, V(L) -Ward care limited to patients not requiring special nursing skills or monitoring. Seriously injured casualties will normally be transferred to a ship activity with full-spectrum post-operative care facilities at the first opportunity.</p>	L	L	L	L	L
FHP 23.5	<p>Conduct sanitation and safety inspections.</p>			F	F	F
FHP 23.6	<p>Conduct occupational health/safety and preventative medicine programs and training using the following personnel:</p> <p>(a) Hospital corpsmen</p>			F	F	F
FHP 23.8	<p>Conduct pharmacy services requiring the following personnel:</p> <p>(b) Pharmacy technicians</p>	F	F	F	F	F
FHP 23.9	<p>Conduct associated administrative/maintenance services.</p> <p>(a) Maintain adequate medical supplies for appropriate level health care.</p> <p>(c) Provide patient/casualty administrative services.</p> <p>(d) Perform routine medical administrative services.</p> <p>I, IA(L) - Battle casualty support.</p>	L	L	F	F	F
FHP 23.10	<p>Conduct on-site emergency medical treatment during hazardous evolutions including flight quarters, underway replenishment (UNREP)/refueling and amphibious assault boat operations.</p>	F	F	F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FHP 23.12	Conduct radiological diagnostic services requiring the following personnel:  (b) Radiological technicians  I, IA, III, IV, V(L) - LSD 41 class has limited capability, i.e., a portable x-ray machine capable of x-raying only extremities and chest.	L	L	L	L	L
FHP 23.15	Conduct disease and vector control planning and operations.  I, IA(L) - Battle casualty support.	L	L	F	F	F
FHP 23.17	Identify, equip and maintain suitable spaces to provide medical care.	F	F	F	F	F
FHP 23.18	Identify, equip and maintain adequate 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 hospital corpsman (c) Medical officer	F	F	F	F	F
FHP 23.20	Provide obstetrics and gynecological medical care commensurate with health care provider credentials using the 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 personnel in first aid, self and buddy aid procedures.			F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</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 appropriate triage spaces.	F	F	F	F	F
FHP 25.2	Train assigned and embarked personnel in triage care.			F	F	F
FHP 25.4	Train designated non-medical personnel to assist in triage management care for chemical, biological and radiological (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
FHP 26.2	Train assigned and embarked personnel in resuscitation.			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>Note: LSD 41 class is not currently configured with a designated operating room space. There are no pre-positioned operating room supplies, medications or equipment aboard. Seriously injured casualties will normally be transferred to a ship/shore activity with full-spectrum care facilities at the first opportunity.</p>						

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FHP 26.7	Identify, equip and maintain suitable procedure space for emergency response, stabilization and casualty transfer.	F	F	F	F	F
<b>FHP 27 PROVIDE MEDICAL, SURGICAL, POST-OPERATIVE AND NURSING CARE FOR CASUALTIES/ PATIENTS.</b>						
FHP 27.1	Provide hospital beds:  (b) Ward  I, IA, III, IV, V(L) - For use in emergency situations where medical evacuation (MEDEVAC) is not possible or where return to duty can be expected in a short period of time.	L	L	L	L	L
FHP 27.4	Provide suitable care of the dead.	F	F	F	F	F
FHP 27.11	Conduct convalescent ward care.  I, IA, III, IV, V(L) - For use in emergency situations where MEDEVAC is not possible or where return to duty can be expected in a short period of time.	L	L	L	L	L
<b>FHP 28 PROVIDE MEDICAL REGULATION, TRANSPORT/EVACUATION AND RECEIPT OF CASUALTIES/PATIENTS.</b>						
Note: Ship's company augmented by Marine personnel. Well deck operations manned by ship's company.						
FHP 28.1	Provide appropriate equipment to conduct MEDEVAC.	F	F	F	F	F
FHP 28.2	Train assigned and embarked personnel in medical regulation procedures.			F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FHP 28.4	<p>Transport and/or provide for casualty/patient evacuation.</p> <p>Note: LSD 41 class is not currently configured with a designated operating room space. There are no pre-positioned operating room supplies, medications or equipment aboard. Seriously injured casualties will normally be transferred to a ship/shore activity with full-spectrum care facilities at the first opportunity.</p> <p>IV, V(L) - Plan and train.</p>	F/E	F/E	F/E	L	L
FHP 28.5	Train assigned and embarked personnel in MEDEVAC procedures.			F	F	F
FHP 28.10	<p>Provide aeromedical evacuation of casualties/patients.</p> <p>I, IA(L/E) - The LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p>	L/E	L/E	F/E	F/E	F/E
<b>FHP 29 PROVIDE ROUTINE AND EMERGENCY DENTAL CARE.</b>						
FHP 29.1	Conduct dental sick call.			F	F	F
FHP 29.2	<p>Conduct dental examinations.</p> <p>I, IA(L) - Battle casualties.</p>	L	L	F	F	F
FHP 29.3	Conduct a preventive dentistry program including oral prophylaxis and topical fluoride application.			F	F	F
<b>FHP 30 PROVIDE DEFINITIVE DENTAL CARE FOR CASUALTIES AND PATIENTS.</b>						
FHP 30.1	<p>Provide restorative treatment and minor oral surgery including tooth extractions.</p> <p>I, IA(L) - Battle casualties.</p>	L	L	F	F	F
FHP 30.2	<p>Provide periodontal treatment including periodontal surgery.</p> <p>III, IV, V(L) - Limited emergency treatment only.</p>			L	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FHP 30.3	Provide endodontic treatment.  III, IV, V(L) - Limited emergency treatment only.			L	L	L
FHP 30.4	Provide dental prosthesis fabrication and repair.  (a) Limited service laboratory.  III, IV, V(L) - Limited emergency treatment only.			L	L	L
<b>FLEET SUPPORT OPERATIONS (FSO)</b>						
<b>FSO 1</b>	<b>REPAIR AND OVERHAUL SHIPS, AIRCRAFT AND ASSOCIATED EQUIPMENT.</b>					
FSO 1.1	Provide the following services:  (a) Machine shop (c) Machinery repair (f) Metalsmith (g) Shipfitter (i) Rigging and handling (j) Weight testing (x) Pipe and pressure hull welding (nuclear and non-nuclear) (y) Nondestructive test services  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 (RMC) is required.  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.	L/A	L/A	F/A	F/A	F/A

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</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 (h) Machinery (l) LCAC</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 RMC is required.</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>	L/A	L/A	F/A	F/A	F/A
FSO 1.3	<p>Provide repair and inspection services for:</p> <p>(c) Gas turbine (d) Internal combustion engines (e) Boat</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 RMC is required.</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>	L/A	L/A	F/A	F/A	F/A

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>FSO 3</b>	<b>PROVIDE SUPPORT SERVICES TO OTHER UNITS.</b>					
FSO 3.1	<p>Provide the following services to other units as applicable:</p> <p>(a) Administrative Services (b) ADP Support (c) Disbursing (f) Chaplain Services (g) Library Services (h) Ship Store (i) Laundry (k) Barber Shop (x) Fueling services (z) Wardroom Mess Services (aa) Enlisted Mess Services (ae) Postal Services</p> <p>Note: Chaplain services normally available only when troops are embarked.</p> <p>III, IV, V(L) - Capable of providing only limited administrative services to embarked units and limited services to units in company.</p>			L	L	L
<b>FSO 5</b>	<b>CONDUCT TOWING/SEARCH/SALVAGE/RESCUE OPERATIONS.</b>					
FSO 5.1	<p>Conduct towing operations.</p> <p>V(L) - Plan and train.</p>	F	F	F	F	L
FSO 5.3	<p>Conduct rescue operations.</p> <p>V(L) - Plan and train.</p>	F	F	F	F	L
FSO 5.15	<p>Plan/direct towing, search, salvage and/or rescue operations</p> <p>V(L) - Plan and train.</p>	F	F	F	F	L
FSO 5.17	<p>Prepare a vessel or craft to be towed.</p> <p>V(L) - Plan and train.</p>	F	F	F	F	L
FSO 5.18	<p>Augment a towing vessel in the conduct of towing operations.</p> <p>V(L) - Plan and train.</p>	F	F	F	F	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>FSO 6</b>	<b>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 aircraft.</p> <p>Note: Noncombat, daylight operations only. Night SAR capability with the use of night SAR-capable helo. Helo would not come from a det embarked on the LSD. LSD class does not have an Air Department or hangar facilities to store or conduct maintenance on a helo.</p> <p>I, IA(L) - Flight quarters manning must be augmented from repair party stations.</p>	L/E	L/E	F/E	F/E	F/E
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
FSO 6.4	<p>Recover man overboard.</p> <p>Note: Noncombat, daylight operations only. Night SAR capability with the use of night SAR capable helo from embarked squadron.</p> <p>Note: For conditions III, IV and V, search and recovery requires off-watch personnel special teams to man SAR boat or deck recovery details.</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/E	F/E	F/E

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FSO 6.5	Support/perform planeguard/ lifeguard functions.  Note: Noncombat, daylight operations only. Night SAR capability with the use of night SAR-capable helo. Helo would not come from a det embarked on the LSD. LSD class does not have an air department or hangar facilities to store or conduct maintenance on a helo.  I, IA(L) - Selected personnel must stand down from condition I or IA stations to man SAR boat or deck recovery details.  IV, V(L) - Plan and train.	L	L	F	L	L
FSO 6.7	Conduct general surveillance.  IV, V(L) - Plan and train.	F	F	F	L	L
FSO 6.8	Acquire and display distress data.  V(L) - Plan and train.	F	F	F	F	L
FSO 6.9	Report situation assessment.	F	F	F	F	F
FSO 6.10	Coordinate SAR operations.  V(L) - Plan and train.	F	F	F	F	L
FSO 6.11	Conduct multi-unit SAR operations.  Note: Noncombat, daylight operations only. Night SAR capability with the use of night SAR capable helo from embarked squadron.  I, IA(L) - Selected personnel must stand down from condition I or IA stations to man SAR boat or deck recovery details.  V(L) - Plan and train.	L/E	L/E	F/E	F/E	L
<b>FSO 20 PROVIDE FLEET TRAINING SERVICES.</b>						
FSO 20.1	Act as target for submarines.	F		F	F	

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
FSO 20.6	Act as delivery or receiving ship for Underway Replenishment training.  IV, V(L) - Plan and train.			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 20.56	Conduct firefighting training.			F	F	F
FSO 20.64	Plan, coordinate and conduct inport ARG/MEU or ESG training.  Note: With embarked PHIBGRU/PHIBRON staff.			F/E	F/E	F/E
FSO 20.68	Act as school ship for engineering training.			F	F	F
<b>FSO 27 CONDUCT NAVIGATION STATION OPERATIONS.</b>						
FSO 27.1	Provide navigation data to ships and aircraft.	F	F	F	F	F
FSO 27.2	Serve as navigation station.  IV, V(L) - Plan and train.	F	F	F	L	L
<b>FSO 51 REPAIR OWN UNIT'S FSO-RELATED EQUIPMENT.</b>		<b>L</b>	<b>L</b>	<b>F/A</b>	<b>F</b>	<b>F</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>FSO 55 MAINTAIN READINESS BY PROVIDING FOR TRAINING OF OWN UNITS PERSONNEL.</b>				<b>F</b>	<b>F</b>	<b>F</b>

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>INTELLIGENCE (INT)</b>						
<b>INT 1 SUPPORT/CONDUCT INTELLIGENCE COLLECTION.</b>						
INT 1.3	Support/conduct imagery intelligence information collection at short and long range utilizing organic/non-organic, or assigned imagery sensors and onboard imagery processing systems.	F	F	F	F	F
NOTE: Hand-held cameras only.						
INT 1.9	Collect signals intelligence (SIGINT) information, including communications intelligence (COMINT) and electronic intelligence (ELINT).  Note: This class of ship does not possess the organic capability to collect COMINT.	F	F	F	F	F
INT 1.11	Maintain radar scope photography capability.  IV, V(L) - Plan and train designated crew personnel.	F	F	F	L	L
<b>INT 2 PROVIDE INTELLIGENCE.</b>						
INT 2.4	Establish and maintain access to service and national intelligence sources to include national theater, and other tactical intelligence automated sources up to the Top Secret/SCI level for operational intelligence support.  Note: Requires reliable SIPRNET access to INTELINK-S.  Note: Up to Secret only. Joint Worldwide Intelligence Communications System (JWICS) is not available on LSD 41 class.	F	F	F	F	F
<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>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>INT 4</b>	<b>CONDUCT OCEAN SURVEILLANCE OPERATIONS AGAINST TARGETS OF INTEREST.</b>					
INT 4.1	Detect and locate targets of interest.  V(L) - Plan and train designated crew personnel.	F	F	F	F	L
INT 4.2	Classify and identify targets of interest.  V(L) - Plan and train designated crew personnel.	F	F	F	F	L
INT 4.3	Track targets of interest.  V(L) - Plan and train designated crew personnel.	F	F	F	F	L
<b>INT 6</b>	<b>CONDUCT SURFACE RECONNAISSANCE.</b>					
INT 6.1	Conduct surface patrols or barriers.  IV, V(L) - Plan and train designated crew personnel.	F		F	L	L
INT 6.3	Conduct reconnaissance of surface forces.  IV, V(L) - Plan and train designated crew personnel.	F		F	L	L
INT 6.7	Recognize by sight friendly and enemy aircraft, ships, submarines, and potential naval fire support targets which may be encountered in the expected operating areas.  V(L) - Plan and train designated crew personnel.	F	F	F	F	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>INT 7</b>	<b>SUPPORT/CONDUCT AIRBORNE RECONNAISSANCE.</b>  Note: Full capability provided by supporting aircraft from embarked aviation squadrons. Capability is enhanced when remotely piloted vehicle/unmanned aerial vehicle detachment is embarked.					
INT 7.1	Support/conduct unarmed reconnaissance (weather, visual, battle damage assessment, etc.).	F/E	F/E	F/E	F/E	
INT 7.3	Recognize by sight friendly and enemy aircraft, ships, submarines, missile systems, sensors and ground vehicles which may be encountered in the expected operating areas.  V(L) - Plan and train designated crew personnel.	F/E	F/E	F/E	F/E	L
<b>INT 8</b>	<b>PROCESS SURVEILLANCE AND RECONNAISSANCE INFORMATION.</b>  V(L) - Plan and train designated crew personnel.	F	F	F	F	L
<b>INT 9</b>	<b>DISSEMINATE SURVEILLANCE AND RECONNAISSANCE INFORMATION.</b>  V(L) - Plan and train designated crew personnel.	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>L</b>
<b>INT 15</b>	<b>PROVIDE INTELLIGENCE SUPPORT FOR NONCOMBATANT EVACUATION OPERATION (NEO).</b>					
INT 15.3	Provide for debriefing of evacuees.  Note: Full capability requires naval security group augment or USMC Human Exploitation Team.  V(L) - Plan and train designated crew personnel.	F/A	F/A	F/A	F/A	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>INT 16</b>	<b>PROVIDE INTELLIGENCE SUPPORT FOR COUNTERNARCOTICS INTERDICTION.</b>					
INT 16.1	Collect and integrate intelligence in cooperation with other services and law enforcement agencies to conduct counternarcotics interdiction.  V(L) - Plan and train designated crew personnel.			F	F	L
INT 16.2	Disseminate integrated all-source intelligence to counternarcotics elements.  V(L) - Plan and train designated crew personnel.			F	F	L
<b>INT 17</b>	<b>REPAIR OWN UNIT'S INTELLIGENCE-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>INT 19</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S INT CAPABILITIES.</b>  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.  V(L) - Plan and train designated crew personnel.	<b>L</b>	<b>L</b>	<b>F</b>	<b>F</b>	<b>L</b>
<b>INFORMATION OPERATIONS</b>						
<b>IO 4</b>	<b>PLAN AND IMPLEMENT OPERATIONAL SECURITY (OPSEC) MEASURES.</b>					
IO 4.11	Plan, coordinate and control implementation of OPSEC measures.  V(L) - Plan and train.	F	F	F	F	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
IO 4.12	Execute OPSEC measures.  V(L) - Plan and train.	F	F	F	F	L
<b>IO 5</b>	<b>CONDUCT COORDINATED C2W/IW OPERATIONS WITH OTHER FORCES IN SUPPORT OF A JOINT TASK FORCE (JTF)/GROUP.</b>					
IO 5.2	Conduct coordinated IO with other forces in support of a JTF/group/surface action group or naval/joint/combined forces.  Note: Full capability with PHIBGRU/PHIBRON embarked staff.  IV, V(L) - Plan and train.	F/A	F/A	F/A	L	L
<b>IO 6</b>	<b>PLAN AND CONDUCT COUNTERSURVEILLANCE, COUNTER-TARGETING AND MILDEC OPERATIONS.</b>					
IO 6.7	Conduct naval operational deception operations using tactics, operations, exercises or physical means.  Note: Full capability with PHIBGRU/PHIBRON embarked staff.  IV, V(L) - Plan and train.	F/A	F/A	F/A	L	L
<b>IO 14</b>	<b>REPAIR OWN UNIT'S IO 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>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>IO 16</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S IO CAPABILITIES.</b>  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.  III, IV(L) - Man CSOSS watch organization with CSOW/combat systems maintenance supervisor and electronics support supervisor.  V(L) - Plan and train.	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>
<b>IO 25</b>	<b>MILITARY DECEPTION</b>					
IO 25.5	Execute military tactical deception operations using technical means (electronic, acoustic, visual and EO).  IV, V(L) - Plan and train.	<b>F</b>	<b>F</b>	<b>F</b>	<b>L</b>	<b>L</b>
<b>LOGISTICS (LOG)</b>						
<b>LOG 1</b>	<b>CONDUCT UNREP.</b>					
LOG 1.1	Transfer ammunition underway.  V(L) - Plan and train.			<b>F</b>	<b>F</b>	<b>L</b>
LOG 1.2	Transfer ammunition underway by standard tensioned replenishment alongside method (STREAM).  V(L) - Plan and train.			<b>F</b>	<b>F</b>	<b>L</b>
LOG 1.3	Transfer cargo underway.  V(L) - Plan and train.			<b>F</b>	<b>F</b>	<b>L</b>
LOG 1.4	Transfer cargo underway by STREAM.  V(L) - Plan and train.			<b>F</b>	<b>F</b>	<b>L</b>

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
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 1.12	Replenish other units underway with limited fuel, provisions, munitions, potable and feed water.  III, IV(L) - Ship has limited capability to UNREP feedwater.  V(L) - Plan and train.			L	L	L
<b>LOG 2 TRANSFER/RECEIVE CARGO AND PERSONNEL.</b>						
LOG 2.2	Provide facilities and personnel for material, mail, and passenger handling.  V(L) - Plan and train.			F	F	L
LOG 2.4	Transfer and receive personnel by helo.  V(L) - Plan and train.			F	F	L
LOG 2.5	Transfer personnel and light freight by highline.  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
LOG 3.2	Provide small boat services for transfer of personnel, cargo, weapons, provisions, and supplies.  V(L) - Plan and train.			F	F	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
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</b>	<b>SUPPORT SHIPS AND AIRCRAFT IN SUPPLIES, ORDNANCE AND OTHER SERVICES.</b>					
LOG 4.1	Provide fuel and lubricating oil to another unit.  V(L) - Plan and train.			F	F	L
LOG 4.4	Provide another unit with:  (b) Electrical power (e) Fresh water					F
<b>LOG 8</b>	<b>CONDUCT MATERIAL CONTROL OPERATIONS.</b>					
LOG 8.1	Screen material for all units in the group.  V(L) - Plan and train.			F	F	L
<b>LOG 9</b>	<b>REPAIR OWN UNIT'S LOGISTICS 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>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>LOG 10</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S LOG CAPABILITIES.</b>  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.  III, IV(L) - Man CSOSS watch organization with CSOOW/combat systems maintenance supervisor and electronics support supervisor.  V(L) - Plan and train.	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>
<b>MINE WARFARE (MIW)</b>						
<b>MIW 3</b>	<b>CONDUCT MINE NEUTRALIZATION/DESTRUCTION.</b>					
MIW 3.6	Provide support for embarked explosive ordnance disposal/special operations forces (SOF).  Note: Facilities only.	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>
<b>MIW 6</b>	<b>CONDUCT MAGNETIC SILENCING (DEGAUSSING, DEPERMING, ETC.).</b>					
MIW 6.7	Maintain magnetic signature limits.	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>
MIW 6.8	Maintain own unit's degaussing readiness.	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>
<b>MIW 13</b>	<b>REPAIR OWN UNIT'S MIW EQUIPMENT.</b>  Note: During condition III, full capability provided by on-call/off-watch personnel.  I, IA(L) - Emergency repairs to equipment to ship's mission. May require standing down selected personnel from condition I or IA stations.	<b>L</b>	<b>L</b>	<b>F/A</b>	<b>F</b>	<b>F</b>

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>MIW 15</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MIW CAPABILITIES.</b>  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.  III, IV(L) - Man CSOSS watch organization with CSOOW/combat systems maintenance supervisor and electronics support supervisor.  V(L) - Plan and train.	L	L	L	L	L
<b>MOBILITY (MOB)</b>						
<b>MOB 1</b>	<b>OPERATE SHIP'S PROPULSION PLANT TO DESIGNED CAPABILITY.</b>					
MOB 1.1	Operate ship's propulsion plant at full power.  V(L) - Plan and train.	F	F	F	F	L
MOB 1.2	Operate ship's propulsion plant with split plant operations.  V(L) - Plan and train.	F	F	F	F	L
MOB 1.5	Operate at sustained ARG/MEU, ESG amphibious force speeds.  V(L) - Plan and train.	F		F	F	L
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 AIRCRAFT FOR ALL-WEATHER CONDITIONS.</b>		F	F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE</b>					
MOB 3.1	Control fire, flooding, electrical, structural, propulsion and hull/airframe causalities.  IA(L) - Repair organization manned with nucleus crew composed of supervisor, talkers, investigators, etc. Full capability will not exist until repair stations are 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
MOB 3.2	Counter and control CBR contaminants/agents.  IA(L) - Repair organization manned with nuclear crew composed of supervisor, talkers, investigators, etc. Full capability will not exist until repair stations are 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
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>MOB 5</b>	<b>MANEUVER IN FORMATION.</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>L</b>
	V(L) - Plan and train.					

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>MOB 7</b>	<b>PERFORM SEAMANSHIP, AIRMANSHIP AND NAVIGATION TASKS.</b>					
MOB 7.1	Navigate under all conditions of geographic location, weather and visibility.  IV, V(L) - Plan and train.	F	F	F	F	L
MOB 7.2	Conduct precision anchoring.  Note: During condition I and IA stand down other battle stations. During condition III, requires augmentation from off-watch personnel.  V(L) - Plan and train.	F/A	F/A	F/A	L	L
MOB 7.3	Get underway, moor, anchor and sortie with duty section in a safe manner.  V(L) - Deployed, duty section fully capable. Not deployed, recall of personnel required.					L
MOB 7.5	Utilize programmed evasive steering.  V(L) - Plan and train.	F	F	F	F	L
MOB 7.6	Abandon/scuttle ship rapidly.  V(L) - Plan and train.	F	F	F	L	L
MOB 7.7	Provide life boat/raft capacity in accordance with 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	L	L
MOB 7.9	Operate day and night and under all weather conditions.	F	F	F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOB 7.10	Conduct undetected transits.  IV, V(L) - Plan and train.	F	F	F	L	L
MOB 7.15	Operate in a chemically contaminated environment.  IV, V(L) - Plan and train.	F	F	F	L	L
MOB 7.16	Recover man overboard (shipboard, boat or helo).  Note: Noncombat, daylight operations only. Night SAR capability with the use of night SAR capable helo from embarked squadron.  Note: For conditions III, IV and V, search and recovery requires off-watch personnel special teams to man SAR boat or deck recovery details.  I, IA(L) - Selected personnel must stand down from condition I or IA stations to man SAR boat or deck recovery details.	L/E	L/E	F/E	F/E	F/E
<b>MOB 10 REPLENISH AT SEA.</b>						
MOB 10.1	Receive vertical replenishment.			F	F	F
MOB 10.2	Receive fuel while underway (alongside method).  IV, V(L) - Plan and train.			F	L	L
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

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOB 10.5	<p>Receive carrier onboard delivery/vertical onboard delivery (VOD) aircraft.</p> <p>Note: VOD aircraft only.</p> <p>I, IA, III, IV(L) - The LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.</p> <p>V(L) - Plan and train.</p>	L/A	L	L	L	L
<b>MOB 12 MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.</b>						
MOB 12.1	<p>Ensure all phases of food service operations are conducted consistent with approved sanitary procedures and standards.</p> <p>I, IA(L)-Battle messing only.</p>	L	L	F	F	F
MOB 12.2	<p>Ensure the operation of the potable water system in a manner consistent with approved sanitary procedures and standards.</p>	F	F	F	F	F
MOB 12.3	<p>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.</p>			F	F	F
MOB 12.5	<p>Monitor the health and well-being of the crew to ensure that habitability is consistent with approved habitability procedures and standards.</p>			F	F	F
MOB 12.6	<p>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.</p>			F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
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
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.  IV, V(L) - Plan and train.	F	F	F	L	L
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.  IV, V(L) - Plan and train.	F	F	F	L	L
MOB 12.10	Provide CBR collective protective system for medical and support spaces.  IV, V(L) - Plan and train.	F	F	F	L	L
MOB 12.11	Provide antidotes to staff, patients and casualties which will counteract the effects caused by a CBR-contaminated environment.  IV, V(L) - Plan and train.	F	F	F	L	L
MOB 12.12	Provide antidotes to ship's company which will counteract the effects caused by a CBR-contaminated environment.  IV, V(L) - Plan and train.	F	F	F	L	L
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

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOB 12.15	Identify, supply, and maintain decontamination stations.	F	F	F	F	F
<b>MOB 17</b>	<b>PERFORM ORGANIZATIONAL LEVEL REPAIRS TO OWN UNIT'S MOB EQUIPMENT.</b>	<b>L</b>	<b>L</b>	<b>F/A</b>	<b>F</b>	<b>F</b>
	Note: During condition III, full capability provided by on-call/off-watch personnel.  I, IA(L) - Emergency repairs to equipment to ship's mission. May require standing down selected personnel from condition I or IA stations.					
<b>MOB 18</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MOB CAPABILITIES.</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>
	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.  III, IV(L) - Man CSOSS watch organization with CSOOW/combat systems maintenance supervisor and electronics support supervisor.  V(L) - Plan and train.					
<b>MISSIONS OF STATE (MOS)</b>						
<b>MOS 1</b>	<b>PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.</b>					
MOS 1.1	Establish a sovereign, mobile sea base in a forward area.  IV, V(L) - Plan and train.	F	F	F	L	L
MOS 1.2	Conduct force/unit tour for foreign dignitaries.			F	F	F
MOS 1.3	Conduct systems/weapons demonstrations for foreign dignitaries.			F	F	F
MOS 1.4	Conduct foreign port calls.					F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
MOS 1.5	Conduct force/unit tours for foreign citizens during port calls.					F
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
MOS 2.4	Provide disaster assistance and evacuation.  Note: Full capability when rescue and assistance party is called away. Augmentation by off-watch personnel may be required to sustain effort.			F/E	F/E	F/E
MOS 2.9	Plan, direct and coordinate disaster assistance evacuation.			F	F	F

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</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.	F/A	F/A	F/A	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.  Note: Selected personnel must stand down from their condition I or IA stations to man NEO stations.  I, IA(L/E) - Flight quarters manning must be augmented from other stations, including the well deck.	L/E	L/E	F/E	F/E	F/E
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	L	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
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 PHIBGRU/PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A	F/A	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>MOS 3 PERFORM PEACEKEEPING.</b>						
MOS 3.1	Provide C2 for a joint/ multinational peacekeeping force.  Note: Full capability with PHIBGRU/ PHIBRON 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.  Note: Full capability with PHIBGRU/PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A	F/A	L	L
MOS 3.3	Provide joint/multinational direct participation in a peacekeeping force within a foreign country/region.  Note: Full capability with PHIBGRU/PHIBRON staff embarked.  IV, V(L) - Plan and train.	F/A	F/A	F/A	L	L
<b>MOS 4 PERFORM INTERDICTION.</b>						
MOS 4.1	Conduct naval blockade.  IV, V(L) - Plan and train.	F		F	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	L	L
MOS 4.3	Enforce sanctions enforcement operations.  IV, V(L) - Plan and train.	F		F	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</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/combined/joint forces.</p> <p>Note: Sustained operations require certified non-compliant boarding team(s) (NCBT) or law enforcement detachment (LEDET).</p> <p>IV, V(L) - Plan and train.</p>	F/E		F/E	L	L
<b>MOS 5 PROVIDE FID 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>MOS 6 CONDUCT CT</b>						
MOS 6.1	<p>Conduct hostage rescue actions.</p> <p>Note: Full capability with MEF or MEB or MAGTF with MEU or SOF forces embarked.</p> <p>IV, V(L) - Plan and train.</p>	F/A	F/A	F/A	L	L
<b>MOS 8 PROVIDE AT 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>LSD 41 CLASS</b>		<b>I</b>	<b>IA</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</b>	<b>CONDUCT SPECIAL ACTIVITIES AS GOVERNED BY EXECUTIVE ORDER 12333 AND PER THE PRESIDENTIAL FINDING AND CONGRESSIONAL OVERSIGHT.</b>  I, IA, III(L) - Provide covering action for Marine or SOF forces.  IV, V(L) - Plan and train.	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>
<b>NONCOMBAT OPERATIONS (NCO)</b>						
<b>NCO 2</b>	<b>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
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

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
NCO 2.11	Provide personnel for fuels support.  Note: During condition III and IV, full capability provided by on-call/off-watch personnel.  I(L) - To achieve full capability, fuels personnel assigned to other condition I stations must be reassigned to fuel stations.	L	F	F/A	F/A	F
<b>NCO 3 PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>						
NCO 3.1	Provide organizational level preventative maintenance.			F	F	F
NCO 3.2	Provide organizational level corrective maintenance.  Note: During condition III and IV, 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/A	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 material.  I, IA(L) - Storage only.	L	L	F	F	F
<b>NCO 4 PROVIDE CLOSED-CIRCUIT TELEVISION SUPPORT FOR OWN UNIT.</b>		<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>NCO 5</b>	<b>CONDUCT METOC, HYDROGRAPHIC AND/OR BATHYMETRIC COLLECTION OPERATIONS OR SURVEYS.</b>					
NCO 5.1	Collect and disseminate meteorological information.  I(L) - Condition I does not provide a meteorological watchstander.  Note: LSD ships do not have an assigned aerographer's mate or meteorological officer.	L	F	F	F	F
NCO 5.2	Collect and disseminate hydrographic information.  Note: Ship has no hydrographic collection capability. Requires U.S. Navy SEAL, NAVBEACHGRU or USMC Force Recon augmentation.  IV, V(L) - Plan and train.	F/A	F/A	F/A	L	L
<b>NCO 7</b>	<b>PROVIDE SPECIAL TECHNICAL RESEARCH.</b>					
NCO 7.1	Serve as a platform for special technical research operations.	F	F	F	F	F
NCO 7.2	Conduct special technical research operations.  Note: Embarkation of technical support personnel required.			F/E	F/E	F/E
<b>NCO 8</b>	<b>SERVE AS A PLATFORM FOR OPERATIONAL TEST AND EVALUATION OF SYSTEMS, EQUIPMENT AND TACTICS.</b>					
NCO 8.1	Provide technical assistance for installed test and evaluation equipment.  Note: Embarkation of technical support personnel required.			F/E	F/E	F/E
NCO 8.2	Perform the test and evaluation functions set forth in the appropriate test plans.  Note: Embarkation of technical support personnel required.			F/E	F/E	F/E

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
NCO 8.3	Perform the evaluation functions set forth in appropriate tactical memos (TACMEMOS).  Note: Embarkation of technical support personnel required.			F	F	F
<b>NCO 10 PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>						
NCO 10.1	Provide emergency flooding/firefighting assistance to another unit.			F	F	F
NCO 10.3	Provide EOD assistance.  Note: Full capability assumes EOD det embarked. EOD assistance available on a not-to-interfere basis with EOD primary mission. Assistance available may be further limited by constrained inventory of technical documents and tools.	F/E		F/E	F/E	F/E
NCO 10.4	Provide disaster assistance and evacuation.  Note: Full capability when rescue and assistance party is called away. Augmentation by off-watch personnel may be required to sustain effort.			F/A	F/A	F/A
NCO 10.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.  Note: Full capability when rescue and assistance party is called away. Augmentation by off-watch personnel may be required to sustain effort.			F/A	F/A	F/A

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>NCO 11 SUPPORT/PROVIDE FOR THE EVACUATION OF NONCOMBATANT PERSONNEL IN AREAS OF CIVIL OR INTERNATIONAL CRISIS.</b>						
NCO 11.1	Support/conduct helo/boat evacuation of noncombatant personnel as directed by higher authority from areas of civil or international crisis.  NOTE: Selected personnel must stand down from their condition IA stations to man NEO stations.  I, IA(L) - The LSD 41 class has no air department, manning for flight quarters is drawn from other stations, including the well deck.	L/E	L/E	F/E	F/E	F/E
NCO 11.2	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	L	F/A	F/A	F
NCO 11.3	Provide care, feeding and berthing of evacuees.  I, IA(L) - Battle messing and emergency care only.	L	L	F	F	F
NCO 11.4	Provide transportation for evacuees to designated safe havens or onward processing centers.	F		F	F	F
<b>NCO 19 CONDUCT MARITIME LAW ENFORCEMENT OPERATIONS.</b>						
NCO 19.1	Detect and identify noncombatant vessels.  V(L) - Plan and train.	F		F	F	L
NCO 19.2	Conduct boarding and inspection of noncombatant vessels.  Note: Sustained operations require certified NCBT or LEDET.  IV, V(L) - Plan and train.	F/E		F/E	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
NCO 19.3	Provide assistance to other law enforcement forces.  I(L) - May require securing personnel from other battle stations.  V(L) - Plan and train.	L		F	F	L
NCO 19.4	Provide surveillance and protection of maritime resources.  IV, V(L) - Plan and train.	F		F	L	L
NCO 19.6	Conduct seizure of noncombatant vessels.  NOTE: Sustained operations require certified NCBT or LEDET.  IV, V(L) - Plan and train.	F/E		F/E	L	L
NCO 19.9	Conduct drug traffic suppression and interdiction operations.  NOTE: Sustained operations require certified NCBT or LEDET.  IV, V(L) - Plan and train.	F/E		F/E	L	L
<b>NCO 24 SUPPORT/CONDUCT ROTARY WING AIRCRAFT OPERATIONS.</b>						
NCO 24.1	Support/conduct day rotary wing aircraft flight operations.  I, IA(L/E) - Flight quarters manning must be augmented from repair party stations.	L/E	L/E	F/E	F/E	F/E
NCO 24.2	Support/conduct night rotary wing aircraft flight operations.  I, IA(L/E) - Flight quarters manning must be augmented from repair party stations.	L/E	L/E	F/E	F/E	F/E
NCO 24.3	Support/conduct rotary wing aircraft flight operations during all EMCON conditions.  I, IA(L/E) - Flight quarters manning must be augmented from repair party stations.	L/E	L/E	F/E	F/E	F/E

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
NCO 24.4	Support/conduct rotary wing aircraft hot and cold refueling operations.  I, IA(L/E) - Flight quarters manning must be augmented from repair party stations.	L/E	L/E	F/E	F/E	F/E
NCO 24.5	Provide electrical power for rotary wing aircraft starting, testing, etc.	F	F	F	F	F
NCO 24.6	Provide ground handling equipment for loading and spotting rotary wing aircraft.  I, IA(L/E) - Flight quarters manning must be augmented from repair party stations.	L/E	L/E	F/E	F/E	F/E
<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 32 CONDUCT COUNTER NARCOTIC AND OTHER LAW ENFORCEMENT SUPPORT OPERATIONS IN CONJUNCTION WITH OTHER FORCES.</b>						
NCO 32.1	Conduct/support operations with Coast Guard units.  V(L) - Plan and train.	F		F	F	L
NCO 32.2	Conduct/support operations with other federal law enforcement agencies.  V(L) - Plan and train.	F		F	F	L
NCO 32.4	Conduct operations with other national governments.  V(L) - Plan and train.	F		F	F	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>NCO 33</b>	<b>SUPPORT/PROVIDE COUNTER NARCOTICS AND OTHER LAW ENFORCEMENT SUPPORT PATROL OF A FIXED GEOGRAPHIC AREA.</b>					
NCO 33.1	Operate as choke point patrol unit.  V(L) - Plan and train.	F		F	F	L
NCO 33.2	Operate as an open ocean patrol unit.  V(L) - Plan and train.	F		F	F	L
<b>NCO 34</b>	<b>IN SUPPORT OF COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT AND MONITOR SUSPECT SURFACE CONTACTS.</b>					
NCO 34.1	Detect and monitor surface contacts with radar.  V(L) - Plan and train.	F	F	F	F	L
NCO 34.2	Detect and monitor surface contacts visually.  V(L) - Plan and train.	F	F	F	F	L
NCO 34.3	Detect and monitor surface contacts with IR equipment.  IV, V(L) - Plan and train.	F	F	F	L	L
NCO 34.4	Detect and monitor surface contacts with electronic surveillance methods.  V(L) - Plan and train.	F	F	F	F	L
<b>NCO 36</b>	<b>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.  V(L) - Plan and train.	F	F	F	F	L
NCO 36.2	Detect and monitor air contacts visually.  V(L) - Plan and train.	F	F	F	F	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
NCO 36.3	Detect and monitor air contacts by electronic surveillance measures.  V(L) - Plan and train.	F	F	F	F	L
<b>NCO 37 EMBARK AND SUPPORT LEDET.</b>		<b>L</b>	<b>L</b>	<b>L/A</b>	<b>L/A</b>	<b>F</b>
I, IA, III, IV(L) - Support only.						
<b>NCO 38 RECEIVE, DISPLAY AND MAINTAIN COUNTER NARCOTIC INTELLIGENCE DATA.</b>		<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>
<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 SOF).	F	F	F	F	F
<b>NSW 14 REPAIR OWN UNIT'S NSW EQUIPMENT.</b>		<b>L/A</b>	<b>L/A</b>	<b>F/A</b>	<b>F</b>	<b>F</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>SURFACE WARFARE (SUW)</b>						
<b>SUW 1 USING ANTISURFACE ARMAMENTS, ENGAGE SURFACE THREATS</b>						
SUW 1.6	Engage surface ships with minor caliber gunfire (i.e. 20mm, M240, 25 mm, and .50 cal).  V(L) - Plan and train.  Note: III(F/E), IV(F/E), Full capability when Small Caliber Action Team (SCAT) is away.	F	F	F/E	F/E	L
SUW 1.11	Employ self-defense torpedo countermeasures using:  (a) NIXIE.	F/A		F/A	F/A	

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>SUW 2</b>	<b>ENGAGE SURFACE TARGETS IN COOPERATION WITH OTHER FORCES</b>					
	Note: Self-defense only.					
SUW 2.3	Engage surface targets within assigned antisurface sector.  IA(L) - Man two 25 mm and two .50 cal mounts. Manning additional .50 cal mounts requires securing personnel from other condition IA stations.  IV, V(L) - Plan and train.  Note: III(F/A), IV(F/E), Full capability when SCAT called away.	L/E	F	F/A	F/E	L
<b>SUW 4</b>	<b>DETECT, IDENTIFY, LOCALIZE AND TRACK SURFACE SHIP TARGETS.</b>					
SUW 4.1	Detect, localize and track surface contacts with radar.  V(L) - Plan and train.	F	F	F	F	L
SUW 4.4	Detect, identify, classify and track surface contacts visually.  V(L) - Plan and train.	F	F	F	F	L
SUW 4.5	Detect, identify and track surface contacts with IR equipment.	F	F/A	F/A	F/A	F/A
SUW 4.6	Detect, identify, classify and track surface contacts by ESM.  V(L) - Plan and train.	F	F	F	F	L
SUW 4.7	Identify surface contacts.  V(L) - Plan and train.	F	F	F	F	L
SUW 4.13	Detect, identify and track surface contacts with night vision goggles.  I, 1A, III, IV (L) - Night vision goggles are available to bridge watch team only.  V(L) - Plan and train.	L	L	L	L	L

<b>LSD 41 CLASS</b>		<b>I</b>	<b>IA</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>SUW 6</b>	<b>DISENGAGE, EVADE AND AVOID SURFACE ATTACK.</b>					
SUW 6.1	Employ countermeasures.  (b) Lighting configuration (c) Hull markings (zz) Numbering  V(L) - Plan and train.	F	F	F	F	L
SUW 6.2	Employ evasion techniques.  V(L) - Plan and train.	F	F	F	F	L
SUW 6.3	Employ EMCON procedures.  V(L) - Plan and train.	F	F	F	F	L
SUW 6.4	Detect, identify and track surface targets to perform contact avoidance using ESM or radar direction finding/combata direction finding/outboard.  I, IA, III, IV (L) - Able to track surface contacts with assistance of another ship or ESM equipped aircraft.  V(L) - Plan and train.	L	L	L	L	L
SUW 6.5	Plan/direct disengagement, evasion, and avoidance of surface attack.  V(L) - Plan and train.	F	F	F	F	L
<b>SUW 12</b>	<b>SUPPORT/CONDUCT ESCORTING AND INDEPENDENT SUW OPERATIONS.</b>					
SUW 12.3	Conduct independent SUW operations.  IV, V(L) - Plan and train.	F	F	F	L	L
<b>SUW 14</b>	<b>REPAIR OWN UNIT'S SUW EQUIPMENT.</b>	<b>L</b>	<b>L</b>	<b>F/A</b>	<b>F/A</b>	<b>F</b>
	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>SUW 17</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S SUW CAPABILITIES.</b>	<b>F</b>	<b>F/A</b>	<b>F/A</b>	<b>F/A</b>	<b>F</b>

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