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OPNAV INSTRUCTION 3501.352A

From: Chief of Naval Operations

Subj: REQUIRED OPERATIONAL CAPABILITIES AND PROJECTED
OPERATIONAL ENVIRONMENT FOR THE LITTORAL COMBAT SHIP

Ref: (a) OPNAVINST C3501.2K (NOTAL)
(b) Navy Mission Essential Task List
(c) Navy Tactical Reference Publication 1-03.5

Encl: (1) Projected Operational Environment (POE) for Littoral
Combat Ships (LCS)
(2) Operational Mission Areas and Readiness Conditions
for Littoral Combat Ships (LCS)
(3) Required Operational Capabilities (ROC) for Littoral
Combat Ship (LCS) Squadron
(4) Required Operational Capabilities (ROC) for Littoral
Combat Ship (LCS) Class Ships with Core Crew Only
(5) Required Operational Capabilities (ROC) for Littoral
Combat Ship (LCS) Class Ships with Antisubmarine
Warfare (ASW) Mission Package (MP)
(6) Required Operational Capabilities (ROC) for Littoral
Combat Ship (LCS) Class Ships with Mine Warfare
(MIW) Mission Package (MP)
(7) Required Operational Capabilities (ROC) for Littoral
Combat Ship (LCS) Class Ships with Surface Warfare
(SUW) Mission Package (MP)

1. Purpose. To issue the required operational capabilities
(ROC) and the projected operational environment (POE) for the
littoral combat ship (LCS).

2. Cancellation. OPNAVINST F3501.352.

3. Discussion

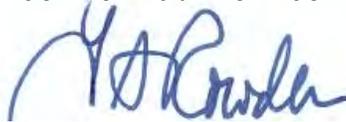
a. This instruction pertains to both the Freedom (LCS 1)
and Independence (LCS 2) classes of ships, the three primary
mission packages (MP), and the LCS squadron, which serves as an
extension of the ship crews ashore.

b. Enclosures (1) through (7) were prepared pursuant to reference (a). These ROC and POE statements provide the necessary details to describe the mission areas, environment, and operational capabilities for which LCS is configured, organized, and staffed pursuant to references (a) and (b).

c. This instruction provides resource agencies information concerning LCS mission requirements, capabilities, and the types and locations of expected operations. Together, the ROC and POE statements establish tasking which produce a measurable workload to compute manpower requirements for the ship manpower document (SMD). Enclosures (3) through (7) will be used to determine specific mission area ratings (M-ratings) reported per reference (c).

4. Action. Request fleet commanders periodically review enclosures (1) through (7), then submit changes to the Office of the Office of the Chief of Naval Operations (OPNAV), Director, Surface Warfare (N96) (Attention: N96D Manpower Training and Strategy) when capability of LCS is significantly altered. Change recommendations should include comments on the expected SMD impact.

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



T. S. ROWDEN
Director, Surface Warfare

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PROJECTED OPERATIONAL ENVIRONMENT (POE)
FOR
LITTORAL COMBAT SHIPS (LCS)

1. The LCS mission is to operate offensively in the high-density, multi-threat littoral environment independently or as an integral member of a carrier strike group (CSG), expeditionary strike group (ESG), or surface action group. A distinguishing feature of LCS is the concept of a modular, reconfigurable ship. There are two ship classes: Freedom class and Independence class. Although the two classes are very different in design, each meets a common set of key performance parameters. The ship is comprised of a ship system (basic hull, mechanical, electrical, and computing systems) and core systems that provide navigation, self-defense, command and communication (C2) and communications capabilities, as well as air, subsurface, and surface vehicle launch, recovery, handling, and control systems. The core systems provide the ship with the capability to detect, identify, track, and defend itself against anti-ship cruise missiles and threat aircraft but the ship is not designed or intended to operate in a high-intensity air defense environment unless these operations are being conducted under the air defense coverage of a CSG, ESG, or an air defense asset such as an Aegis cruiser or destroyer. The ship includes a large reconfigurable volume for MPs, which may be exchanged to modify the ship's focused war fighting capability. Designed as an open architecture ship with tailored MP, LCS provides focused capabilities in the mine countermeasures (MCM), surface warfare (SUW), or antisubmarine warfare (ASW) mission areas. The SUW MP includes a maritime security module, which enables visit, board, search, and seizure (VBSS) compliant and low freeboard non-compliant capability. The MP include personnel required to operate and maintain mission specific equipment and to augment the core crew when conducting focused mission operations. In addition to its focused-mission and self-defense capabilities, LCS may be tasked to conduct operations that take advantage of its inherent capabilities, defined as those capabilities enabled by the ship's core systems, sprint speed, agility, mission bay space, and shallow draft. These may include operations such as special operations forces (SOF) support, search and rescue (SAR), freedom of navigation operations, noncombatant evacuation operations (NEO), global fleet station, maritime law enforcement operations, and irregular warfare.

2. The most demanding operating environment anticipated for LCS is forward deployed wartime operations within the littoral coalition battle space in support of CSG and ESG and in cooperation with designated joint and combined forces. 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 challenging. In this environment, adversaries can concentrate and layer their defenses.

3. Peacetime forward operations in littoral areas are equally demanding. LCS will operate in areas with the potential to be attacked by submarines, coastal missiles, mines, sea-skimming cruise missiles, terrorist and other asymmetrical threats. LCS will conduct a substantial percentage of operations within the highly variable littoral environment with joint and combined partners.

4. When configured with an ASW, MCM, or SUW MP, LCS is capable of performing that assigned focused mission area and some non-MP related mission areas that take advantage of inherent capabilities while maintaining readiness condition I, II, III (wartime and forward deployment cruising readiness), IV (peacetime training underway operations) or V (inport training and maintenance).

5. The ship's capability to conduct simultaneous evolutions is limited at condition I, II, III, IV, and V. The crew generally must perform operations in series rather than in parallel; special evolutions such as flight operations, underway replenishment (UNREP), sea and anchor detail, and VBSS are essentially all-hands events.

6. VBSS operations can only be performed when the SUW MP with maritime security module is embarked.

7. Both ship classes have a single fueling station (on the port side only), and the ships are not configured for connected replenishment of stores or ammunition, which must be accomplished via vertical replenishment at sea.

8. Due to limited manning and small food preparation and storage spaces onboard, special functions in port such as receptions must be limited.

9. Ships have unique fuel consumption curves and replenishment requirements, which must be taken into account for operational planning. Optimal transit speeds are not identical to other platforms and should be considered.

10. The LCS can operate for 14 days without replenishment of provisions.

11. Without augmentation, ship's force is capable of providing adequate anti-terrorism/force protection (AT/FP) in Navy controlled ports and military installations up to force protection condition (FPCON) Alpha, but it cannot provide an AT/FP picket boat. LCS requires FP watch standing augmentation in port at FPCON Bravo or higher, unless an MP crew is embarked.

12. Similar to single aircraft helicopter (helo) detachments, LCS aviation detachments (AVDET) are not capable of 24 hours, 7 days a week operations for extended periods of time. The 23-person composite AVDET is limited by maintenance, crew rest, and single spot flight deck operations and spotting. While LCS can provide manned and unmanned capability, both capabilities cannot be maximized simultaneously.

13. The number of communications circuits that can be monitored simultaneously may be limited by onboard equipment, configuration, and manning.

14. LCS employs many new platform wholeness concepts which include:

- a. Crews rotate to maximize forward presence.
- b. Training primarily occurs in a shore-centric environment using shore based trainers (SBT). Training teams in SBT and underway are provided by the LCS squadron (LCSRON) and/or LCS training facility (LTF) training teams.
- c. Crews rely on distance support technologies and methodologies for reach back support from the LCSRON and the shore organization it oversees.
- d. The bulk of planned, corrective, and facility maintenance is performed in port by shore-based maintenance

providers. At-sea repair capabilities are limited (the ships are not equipped or certified for miniature and micro miniature electronic repair, for instance).

e. The LCSRON, as the single point of contact for shore support, serves as an extension of the crew ashore. The staff provides shore support services and oversight for administrative, training, operational, and sustainment tasks far beyond the realm of a traditional immediate superior in command. The LCSRON oversees the following organizations and facilities.

(1) LCS Operational Support Center (OSC). Co-located with the LCSRON, the LCS OSC is manned by LCSRON staff personnel supplemented by reserve personnel. The OSC acts as a conduit for transferring workload from the crews to the appropriate shore organizations. It collects, disseminates, and responds to process-oriented information driven by the LCSRON standard operating procedures and provides guidance and coordination remotely.

(2) MP Support Facility (MPSF). The MPSF is the MP life cycle management and sustainment hub, and is operated by Naval Surface Warfare Center, Port Hueneme, CA. It supports the LCSRON and Program Executive Office, Littoral Combat Ship by being responsible for the receipt, storage, maintenance, preparation and checkout, shipping, load-out, asset and spares inventory management, configuration management, administration, and security of all MPs. It oversees, manages, and executes MP maintenance and installs module alterations.

(3) Mission Module Readiness Centers (MMRC). The MMRCs are satellite facilities for the MPSF that will provide local support for MP assembly and preparation, embarkation or debarkation and deployment planning, and storage. An MMRC will provide O-level and I-level maintenance, as directed, for all in-house MP systems, sensors, containers, racks, cradles, rigid-hull inflatable boats, and equipment and perform all quarterly, semi-annual, and annual preventative maintenance system (PMS) for all local in port units. It will also assist in completing corrective and O-level maintenance beyond MP crew capability for local units that are in port.

(4) Logistics Support Team (LST). Located at Naval Supply Systems Command (NAVSUPSYSCOM) Fleet Logistics Center,

the LST provides a single decision center, enabled with integrated information technology (IT) processes, that provides overall asset visibility and logistics support for the on-hull crews from ashore. It coordinates with the LCSRON staff, the LOSC, the MPSF, and other organizations such as the NAVSUPSYSCOM Logistics Operations Center and NAVSUPSYSCOM Weapon Systems Support to transfer the workload ashore and support the on-hull supply officer. The LST officer in charge reports to the LCSRON for operations and to the NAVSUPSYSCOM Fleet Logistics Center for administrative and manning requirements.

(5) Maintenance Support Team (MST). The MST is comprised of designated personnel from the LCSRON staff, the regional maintenance center (RMC), maintenance providers, and other maintenance organizations assigned as required. The MST organizes aspects of LCS maintenance from the planning phase through availability completion and closeout, including delivery of a platform that is fully mission capable in a manner that takes into account cost, quality of work, and integrated schedules. The MST meets as needed to ensure that equipment reliability meets operational and mission requirements.

(6) Forward Liaison Element (FLE). The FLE is an LCSRON staff contingent assigned at a forward operating site (FOS) to provide local support and coordination, particularly for material readiness and sustainment.

f. See Littoral Combat Ship Wholeness Concept of Operations and Littoral Combat Ship Warfighting Concept of Operations for more details.

OPERATIONAL MISSION AREAS AND READINESS CONDITIONS
FOR
LITTORAL COMBAT SHIP (LCS)

1. LCS is designed to operate in the littoral environment as a focused mission ship which can be configured with SUW, ASW, or MCM MPs. These MPs are integrated with the ship's services, data links, unmanned vehicle controls and command, control, communications, computers and intelligence infrastructure. The MPs are transportable by ship or air, built for rapid re-configurability and will be changed out in port. The MPs include personnel to support mission capabilities and to augment the core crew for tasks such as FP, watch standing, and administration. LCS provides self-defense against anti-ship cruise missiles, threat aircraft and surface threats. Due to its core systems, speed, agility and shallow draft characteristics, LCS provides the inherent capability to conduct a number of secondary missions on a limited basis, including SOF support, SAR, afloat forward staging base, freedom of navigation operations, NEO, global fleet station, maritime law enforcement operations, and irregular warfare. Accordingly, the following primary (P) and secondary (S) warfare mission areas are assigned:

LITTORAL COMBAT SHIP																
AMW	ASW	AW	CCC	EXW	EW	FHP	FSO	INT	IO	LOG	MIW	MOB	MOS	NCO	NSW	SUW
S	*P	S	P	S	S	S	S	S	S	S	*P	P	P	S	S	*P

AMW: Amphibious Warfare ASW: Anti-Submarine Warfare AW: Air Warfare CCC: Command Control and Communication EXW: Expeditionary Warfare EW: Electronic Warfare FHP: Force Health Protection FSO: Fleet Ship Operation INT: Intelligence Operation	IO: Information Operation LOG: Logistic MIW: Mine Warfare MOB: Mobility MOS: Mission Of State NCO: Noncombat Operation NSW: Naval Special Warfare SUW: Surface Warfare
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NOTE: The mission areas annotated with an asterisk (*) are focused primary mission areas only when LCS is outfitted with the respective MP. Capabilities in these mission areas are severely limited when LCS does not have the respective MP embarked.

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. While in condition I, the ship shall meet the following criteria:

(1) Able to perform assigned focused mission area (SUW, ASW, or MCM) when configured with respective MP and perform limited non-MP related mission areas, or inherent capabilities, simultaneously.

(2) Able to keep the required systems manned and operating for maximum effectiveness.

(3) Required to accomplish only maintenance associated with mission critical repairs.

(4) Evolutions such as replenishment, law enforcement, or non-mission helo operations are not applicable. The maximum expected continuous crew endurance for condition I is 24 hours.

b. Condition II: Modified Battle Readiness. Condition II is condition I modified to meet particular probable 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 commanding officer. While in condition II, the ship shall meet the following criteria:

(1) Able to perform focused mission (SUW, ASW, or MCM) areas when configured with respective MP.

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

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

(4) Able to perform other command and control (C2) functions relevant to the threats which are not required to be accomplished simultaneously.

(5) Able to accomplish mission critical maintenance and support functions.

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

c. Condition III: Wartime/Increased Tension/Forward Deployed Cruising Readiness. Reduced defensive systems are manned to a level sufficient to counter possible threats. While in condition III, the ship shall meet the following criteria:

(1) Able to keep installed and embarked focused mission (SUW or ASW or MIW) systems manned and operating as necessary to conform with prescribed ROCs.

(2) Able to accomplish all assigned underway maintenance, support and administrative functions.

(3) To determine manpower requirements, the maximum expected crew endurance for condition III is 21 consecutive days underway, with opportunity for 8 hours of rest provided per man per day, followed by 4 days in port.

d. Condition IV: Peacetime Cruising Readiness. While in condition IV, the ship shall meet the following criteria:

(1) Able to keep installed and embarked focused mission (SUW, ASW, or MIW) systems manned and operating only to the extent necessary for safe and effective ship control, propulsion and security.

(2) Able to accomplish all assigned underway maintenance, support, and administrative functions.

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

e. Condition V: Inport Readiness. This is a designated maintenance and training period. While in condition V, the ship shall meet the following criteria:

(1) Able to keep installed and embarked focused mission (SUW, ASW, or MIW) systems manned and operating to the extent necessary for effective operation as dictated by the existing situation.

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

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

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

(5) Most planned corrective maintenance (CM) and facilities maintenance (FM) is accomplished by shore-based maintenance providers. Maximum advantage is taken of training opportunities. Subject to the foregoing requirements, the crew will be provided maximum opportunity for rest, leave, and liberty.

(6) For purposes of this ROC and POE instruction, the LCSRON is considered a base unit, which is defined as a command, administrative, logistics, and training activity that does not deploy and is therefore displayed as functioning in a condition IV and/or V profile depending upon the task and the level of LCSRON support to the ships, MP, and crews. However, in certain circumstances, ratings in conditions I and III are also appropriate such as when the staff provides direct support for underway operations. Although the LCSRON, as the overseer of all shore support, is the only command listed in the ROC, this actually includes other organizations as described in the POE to include the MST (which includes representatives from the RMC, contractors, and LCSRON staff), the LST, the LTF, and the MPSF and/or MMRC. It also includes organizations within the LCSRON staff such as the LCS OSC and fleet in each FOS.

3. ROC symbols are used to specify the desired achievement level for readiness or other work 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

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

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

b. Modifiers

"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.

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

set may either supplement or replace all or part of the existing watch organization. Man overboard and replenishment details are two examples.

CAPABILITY		
MODIFIER	FULL (F)	LIMITED (L)
None	Manned to design capacity for duration of condition	Manned to less than design capacity for duration of condition
A	Temporarily manned to design capacity using off-watch personnel	Temporarily manned to less than design capacity using off-watch personnel
E	Temporarily manned to design capacity using a special team	Temporarily manned to less than design capacity using a special team

4. Normally, using an "A" or an "E" requires no embellishing statement, as their meanings are predefined. However, in the case of the LCS class as well as other classes, which routinely embark external resources, the meaning may not be clear as to whether ship's company or an external resource should provide the augmentation.

5. This ROC and POE instruction shows:

a. If the resource is ship's company, no elaboration or statement is provided.

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

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

REQUIRED OPERATIONAL CAPABILITIES (ROC)
FOR
LITTORAL COMBAT SHIP (LCS) SQUADRON

LCSRON		I	III	IV	V
AMPHIBIOUS WARFARE (AMW)					
<p style="text-align: center;">Note: AMW is now termed expeditionary warfare (EXW).</p>					
AMW 3	REEMBARK AND TRANSPORT EQUIPMENT, MATERIALS, SUPPLIES, AND PERSONNEL.				
AMW 3.1	<p>Re-embark and transport personnel of the landing force.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
AMW 3.2	<p>Re-embark and transport equipment, materials and supplies.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
AMW 9	CONDUCT PRE-ASSAULT COVER AND DIVERSIONARY ACTIONS.				
AMW 9.2	<p>Conduct pre-assault cover and diversionary actions.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
AMW 15	PROVIDE AIR OPERATIONS TO SUPPORT AMPHIBIOUS OPERATIONS.				
<p style="text-align: center;">Note: Applies to embarked unmanned aerial vehicle (UAV) and helo operations. When embarked, vertical take-off and landing tactical unmanned aerial vehicle (VTUAV) can support surveillance/reconnaissance (RECCE) missions.</p>					
AMW 15.1	<p>Launch fixed wing (FW) and/or rotary wing (RW) aircraft.</p> <p style="text-align: center;">Note: RW only.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
AMW 15.2	Recover FW and/or RW aircraft. Note: RW only. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AMW 15.5	Provide conventional ordnance within required aircraft turnaround times. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AMW 15.8	Control aircraft under all conditions of active jamming. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AMW 15.9	Load/unload ordnance within required aircraft turnaround times. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AMW 15.11	Conduct precision radar controlled approaches for aircraft under all weather conditions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AMW 15.13	Render safe hazardous explosive ordnance during flight operations and ordnance loading/unloading evolutions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
AMW 20 REPAIR OWN UNIT'S AMW EQUIPMENT.		L	L	L	F/E
	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, most maintenance and repairs are accomplished by the MST.</p> <p>I, III, IV(L) - LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organizations, including emergent repairs, C3 and C4 casualty reports (CASREP), and tracking of trouble tickets submitted by crew. A casualty category (2, 3, or 4) is associated with each reported equipment casualty to reflect the urgency or priority of the casualty.</p> <p>Category 3 - Casualty causes a major degradation to, but not total loss of, a primary mission area.</p> <p>Category 4 - Casualty causes a total loss of one or more primary mission areas.</p> <p>V(F/E) - During condition V, maintenance and repairs will be accomplished by the ship's crew, available rotational crews and shore based MST, CM, and FM.</p>				
AMW 23 CONDUCT ADVANCE FORCE OPERATIONS FOR AN AMPHIBIOUS ASSAULT.					
	<p>AMW 23.2 Conduct advance force operations for an amphibious assault.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
AMW 24 CONDUCT DIRECT ACTION AMPHIBIOUS RAIDS.					
	<p>AMW 24.2 Conduct direct action amphibious raids.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
AMW 35 CONDUCT LIMITED OBJECTIVE NIGHT ATTACKS.					

LCSRON		I	III	IV	V
AMW 35.2	Conduct limited objective night attacks. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AMW 40 CONDUCT NIGHT REINFORCEMENT OPERATIONS.					
AMW 40.2	Conduct night reinforcement operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AMW 43 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S AMW CAPABILITIES.				F/E	F/E
IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.					
ANTISUBMARINE WARFARE (ASW)					
ASW 1 PROVIDE ASW DEFENSE FOR SURFACE FORCES, GROUPS AND UNITS.					
ASW 1.1	Defend a convoy (military or mercantile). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 1.2	Defend a strike group (SG) or task force (TF). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 1.3	Defend amphibious forces or an underway replenishment group (URG). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 1.5	Operate in associated support of surface forces: (a) Picket. (b) Choke point patrol. (c) Barrier patrol. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
ASW 1.6	Operate independently as a search and attack unit (SAU). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 2 PROVIDE ASW DEFENSE OF A GEOGRAPHIC AREA.					
ASW 2.1	Operate as an open ocean or choke point ASW search/barrier unit. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 2.2	Operate as an inshore harbor defense ASW barrier unit. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 2.3	Operate as an area of operations (AO) ASW defense barrier unit. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 2.4	Defend a group or groups operating in a fixed geographic area (e.g., assigned AO). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 2.5	Sanitize an area of threat submarines in preparation of use by a surface force. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 2.8	Operate as a littoral water ASW barrier. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 2.9	Conduct shallow water ASW operations (less than 100 fathoms). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 3 CONDUCT INDEPENDENT ASW OPERATIONS.					

LCSRON		I	III	IV	V
ASW 3.1	Support/conduct area search and destroy operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 3.2	Support/conduct vectored intercept operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 3.4	Plan/direct independent ASW operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 4 CONDUCT AIRBORNE ANTISUBMARINE OPERATIONS.					
ASW 4.1	Conduct day and night, all-weather, airborne antisubmarine cyclic operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 4.3	Provide information to surface units using data link. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 4.4	Provide information to other ASW aircraft using data link. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 4.7	Plan/direct airborne antisubmarine operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 5 PROVIDE FOR AIR OPERATIONS IN SUPPORT OF AIRBORNE ANTISUBMARINE OPERATIONS.					
	Note: Applies to UAV and helo operations.				
ASW 5.1	Launch FW and/or RW aircraft. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
ASW 5.2	Recover FW and/or RW aircraft. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 5.4	Provide conventional ordnance within required aircraft turnaround times. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 5.6	Conduct operations during all emissions control (EMCON) conditions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 5.7	Load/unload ordnance within required aircraft turnaround times. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 5.8	Control aircraft under all conditions of active jamming. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 5.13	Render safe hazardous explosive ordnance during flight operations and ordnance loading/unloading evolutions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 5.14	Conduct precision radar controlled approaches for embarked/controlled FW aircraft or helos under all weather conditions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6	ENGAGE SUBMARINES INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.				
ASW 6.1	Operate as a member of a multi-ship SAU. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
ASW 6.2	Operate as a member of a combined surface and aviation SAU. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.4	Detect, localize, and track subsurface contacts with active sonar. Note: Helo/unmanned surface vehicles (USV) equipped. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.5	Detect, localize, classify, and track subsurface contacts with passive sonar. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.6	Detect, localize and track subsurface contacts with active sonobuoys. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.7	Detect, localize, classify and track subsurface contacts with passive sonobuoys. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.8	Detect, localize and track subsurface contacts which are at periscope depth visually or with radar. Note: Full capability in condition III with radar. Visual capability provided by bridge watch team. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.9	Detect, localize, classify, and track submarines assisted by real time passive acoustic analysis. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
ASW 6.10	Classify subsurface contacts. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.11	Detect, localize, classify, and track subsurface contacts with surveillance towed arrays. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.12	Detect, localize, classify, and track subsurface contacts with tactical towed arrays. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.14	Detect, identify, classify, and track subsurface contacts, which are at periscope depth by electronic warfare support measures (ESM). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 6.16	Detect, localize and track subsurface contacts with non-acoustic sensors. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 7	ATTACK SUBMARINES WITH ANTISUBMARINE ARMAMENT.				
ASW 7.6	Attack with torpedoes. Note: Air-launched only. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 7.9	Attack with guns. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
ASW 7.11	<p>Attack with conventional air-to-surface ordnance.</p> <p>Note: Helo/UAV weapons. Only weapons with ASW MP are light-weight torpedoes.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
ASW 7.12	<p>Plan/direct attack of submarines.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
ASW 8	DISENGAGE, EVADE, AVOID, AND DECEIVE SUBMARINES.				
ASW 8.1	<p>Employ torpedo countermeasures and evasion techniques:</p> <p>(a) Lightweight tow.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
ASW 8.4	<p>Conduct deception operations in support of ASW operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
ASW 8.5	<p>Plan/direct submarine disengagement, evasion and avoidance by employing torpedo countermeasures, acoustic countermeasures (ACM), acoustic counter-countermeasures, deception and evasion techniques.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
ASW 9 REPAIR OWN UNIT'S ASW EQUIPMENT.	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, most maintenance and repairs are accomplished by the MST.</p> <p>I, III, IV(L) - LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organizations, including emergent repairs, C3 and C4 CASREPs, and tracking of trouble tickets submitted by crew.</p> <p>V(F/E)- During condition V, maintenance and repairs will be accomplished by the ship's crew, available rotational crews and shore-based MST, CM, and FM. The MPSF performs most mission module, CM, and planned maintenance (PM).</p>	L	L	L	F/E
ASW 10 PERFORM DUTIES OF AIRCRAFT CONTROL UNIT (ACU) FOR AIRCRAFT INVOLVED IN ANTISUBMARINE OPERATIONS (REQUIRES ANTISUBMARINE AIR CONTROLLERS) .					
ASW 10.1	<p>Control FW and/or RW ASW aircraft in conjunction with coordinated search and/or attack operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
ASW 10.3	<p>Provide positive and/or advisory control of ASW aircraft.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
ASW 10.4	<p>Function as maritime patrol ACU.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
ASW 12 PERFORM ASW BATTLE DAMAGE ASSESSMENT (BDA) .					

LCSRON		I	III	IV	V
ASW 12.1	Perform ASW BDA. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
ASW 13	CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S ASW CAPABILITIES. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AIR WARFARE (AW)					
AW 1	PROVIDE AIR DEFENSE INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES. Note: Self-defense only.				
AW 1.2	Conduct air self-defense using missile, gun, electronic or physical systems (e.g., chaff, flares). IV, V(F/E) - LCSRON and LTF personnel provide all training teams for crews in special boat team and underway.			F/E	F/E
AW 6	DETECT, IDENTIFY, AND TRACK AIR TARGETS.				
AW 6.2	Recognize by sight friendly and enemy aircraft. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 6.3	Maintain an accurate air plot. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 6.4	Measure aircraft altitude by radar. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 6.5	Detect, identify, and track air targets with radar and/or cooperative sensors. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
AW 6.6	Acquire and track air targets with gunfire control systems/missile fire control systems (GFCS/MFCS). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 6.7	Detect, classify and track air targets by ESM. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 6.11	Detect, identify, and track air targets using night vision devices. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 6.13	Identify air targets as friendly/non-friendly using transponder interrogation equipment. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 9	ENGAGE AIRBORNE THREATS USING SURFACE-TO-AIR ARMAMENT.				
	Note: Self-defense only.				
AW 9.3	Engage low altitude threats with missiles. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 9.4	Engage low/medium altitude airborne threats with gunfire. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 9.5	Engage airborne threats using installed anti-air weapons. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
AW 9.6	Engage airborne threats utilizing soft-kill weapons systems (i.e., chaff/decoys). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
AW 11 REPAIR OWN UNIT'S AW EQUIPMENT.	Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, most maintenance by the shore-based MST. I, III, IV(L) - LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organizations, including emergent repairs, C3 and C4 CASREPs, and tracking of trouble tickets submitted by crew. V(F/E)- MST performs most PM, FM, and CM.	L	L	L	F/E
AW 12 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S AW CAPABILITIES.	IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
COMMAND, CONTROL, AND COMMUNICATIONS (CCC)					
CCC 2 COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.					
CCC 2.4	Function as SAU or surface action group (SAG) commander. Note: Only in the littoral environment. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
CCC 2.8	<p>Function as on-scene commander for a SAR operation.</p> <p>Note: Emergency initial response only until more capable unit arrives on scene.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
CCC 2.18	<p>Function as a surface warfare commander (SUWC) for force or sector.</p> <p>Note: Function in the littoral environment.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
CCC 3	PROVIDE OWN UNIT'S C2 FUNCTIONS.				
CCC 3.1	<p>Maintain a combat information center (CIC) or combat direction center (CDC) capable of collecting, processing, displaying, evaluating and disseminating tactical information.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p> <p>IV,V (F/E) - LCSRON LOSC manned 24/7, acting as a conduit for transferring workload from the crews to the appropriate shore organizations.</p>			F/E	F/E
CCC 3.3	<p>Provide all personnel services, programs and facilities to safeguard classified material and information.</p>			F	F
CCC 3.4	<p>Carry out emergency destruction of classified material and equipment rapidly and efficiently.</p> <p>V(L/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>				L/E
CCC 3.5	<p>Employ identification friend or foe/selective identification feature (IFF/SIF) including IFF mode 4.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
CCC 3.6	<p>Coordinate and control the operation of remotely piloted vehicles.</p> <p>Note: USV and unmanned underwater vehicles (UUV) can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
CCC 3.7	<p>Maintain a CIC or CDC capable of supporting a tactical action officer (TAO).</p> <p>Note: Full capability to support primary missions only realized with appropriate mission planner embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
CCC 3.8	<p>Establish voice communications with U.S. Marine Corps (USMC) evacuation and command nets and/or naval support activity (NSA) net.</p> <p>Note: Includes data communications.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
CCC 3.11	<p>Establish voice communications with supported forces.</p> <p>Note: Includes data communications.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
CCC 4	MAINTAIN NAVY TACTICAL DATA SYSTEM (NTDS) OR DATA LINK CAPABILITY.				
CCC 4.4	<p>Receive data link information from airborne ASW aircraft.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
CCC 4.5	Receive and process data link information from satellite communication (SATCOM). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 4.6	Receive and process data link information from high frequency (HF) systems. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 4.9	Transmit/receive and support link 16 surveillance, navigation, and identification circuits. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 4.10	Transmit/receive and correlate targeting information with link 4A. Note: Applies to link 16. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 4.13	Transmit/Receive data via Global Command and Control System-Maritime (GCCS-M). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6	PROVIDE COMMUNICATIONS FOR OWN UNIT.				
CCC 6.1	Maintain tactical voice communications. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6.3	Maintain multichannel cryptographically covered teletype/data receive circuits. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
CCC 6.5	Maintain full duplex, cryptographically covered HF teletype/data circuits (simplex for submarines and patrol combatants). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6.6	Process messages. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6.10	Maintain voice/teletype/computer data cryptographically covered SATCOM circuits. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6.12	Maintain internal communications systems. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6.14	Maintain capability for low probability of intercept (LPI) SATCOMs. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6.16	Provide tactical, secure, anti-jam ultra-high frequency (UHF) voice communications. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6.17	Provide tactical, secure, anti-jam very-high frequency (VHF) voice communications. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6.19	Provide tactical, secure voice or data communications. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
CCC 6.24	Maintain common user digital information exchange system (CUDIXS)/Naval Modular Automated Communications Subsystem (NAVMACS) communications. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 6.19	Maintain Secret Internet Protocol Router Network (SIPRNET) and Unclassified but Sensitive Internet Protocol Router Network (NIPRNET) systems and support. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 9	RELAY COMMUNICATIONS.				
CCC 9.3	Relay electronic communications. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
CCC 18	DEVELOP, COORDINATE, AND CONTROL COMMUNICATIONS AMONG WARFARE COMMANDERS AND/OR NAVAL, COMBINED, OR JOINT FORCES. Note: Coordinate with U.S. and foreign agencies for use of radio frequencies while inside territorial waters. Maintain internal information system networks to include: (a) General service (message) (GENSER) local area network (LAN). (b) GCCS-M. (c) SIPRNET. (d) NIPRNET/Naval Marine Corps Intranet (NMCI). (e) E-mail servers (classified and unclassified) with Internet access. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
CCC 19 REPAIR OWN UNIT'S CCC EQUIPMENT.	<p>Note: During conditions III and IV, full capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by shore support organization.</p> <p>I, III, IV(L) - LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organizations, including emergent repairs, C3 and C4 CASREPs, and tracking of trouble tickets submitted by crew.</p> <p>V(F/E) -During condition V, maintenance and repairs will be accomplished by the ship's crew, available rotational crews and shore based MST, FM, and CM. The MPSF performs most mission module, CM, and PM.</p>	L	L	L	F/E
CCC 20 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S CCC CAPABILITIES.	<p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
ELECTRONIC WARFARE (EW)					
EW 1 CONDUCT ELECTRONIC WARFARE SUPPORT (ES) OPERATIONS.					
EW 1.1	<p>Search for and intercept electromagnetic and directed energy signals and emissions.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EW 1.2	<p>Identify C2 and weapons systems signals.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EW 1.3	<p>Identify threat platforms communications and weapons signals sources.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EW 1.5	Provide timely threat alert for actions involving electronic attack (EA), electronic protection (EP), EMCON, avoidance, deception, and targeting. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
EW 1.6	Conduct ES for self-defense. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
EW 1.10	Maintain and provide timely updates to the tactical electronic order of battle. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
EW 3 CONDUCT EP OPERATIONS.					
EW 3.7	Implement appropriate/directed electromagnetic/acoustic EMCON condition. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
EW 3.8	Transition rapidly from one EMCON condition to another. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
EW 3.9	Monitor own unit compliance with EMCON condition in effect. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
EW 3.13	Manage electromagnetic and acoustic and/or emissions to minimize mutual interference among friendly systems. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
EXPEDITIONARY WARFARE (EXW)					
EXW 1 CONDUCT WATERBORNE SECURITY OPERATIONS IN HARBORS, HARBOR APPROACHES, INSHORE, RIPARIAN, AND NEAR SHORE LITTORAL AREAS.					

LCSRON		I	III	IV	V
EXW 1.1	<p>Ensure compliance with the naval vessel protective zone for ships in-port and at anchor.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 1.2	<p>Enforce security zones following status-of-forces agreements (SOFA) and/or fleet commander' guidance for ships in-port and at anchor.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 1.3	<p>Conduct inbound and outbound vessel escorts.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 1.4	<p>Embark and transport special detachment personnel (medical, civil affairs, surveillance teams) in support of fleet commander's guidance.</p> <p>Note: Space limited with MP embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 1.5	<p>Conduct patrols to counter waterborne threats as detailed by intelligence reports provided by higher authority.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EXW 1.6	<p>Conduct harbor approach defense.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 1.8	<p>Provide transport and cover for VBSS level I and II teams.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting levels I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine special operations command (SOC), naval special warfare (NSW), and law enforcement detachment (LEDET).</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 1.10	<p>Conduct SAR operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 1.11	<p>Conduct waterborne security operations in support of a multi-unit task group, CSG, ESG, SAG, URG, or amphibious force (e.g., amphibious task unit, amphibious task group (ATG), amphibious task force (ATF) within assigned AO.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 1.15	<p>Conduct maritime interception operations (MIO).</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 1.16	<p>Conduct counter-piracy operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EXW 2	CONDUCT LANDSIDE SECURITY OPERATIONS.				
EXW 2.8	<p>Provide theater security cooperation (TSC) support to host nation security forces.</p> <p>V(L) - Sustainment of TSC support to host nation security forces may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements. Training capability enhanced with the embarkation of the irregular warfare enhancements to the SUW MP that include training support modules.</p>				L
EXW 4	CONDUCT EMBARKED SECURITY OPERATIONS.				
EXW 4.2	<p>Deploy security forces on other waterborne high-value assets (HVA) to include gas-oil platforms (GOPLAT) and other critical infrastructure areas.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 6	MAINTAIN EXPEDITIONARY COMMUNICATIONS CAPABILITY.				
EXW 6.2	<p>Maintain encrypted HF, VHF, UHF, and super-high frequency (SHF) voice and data communications.</p> <p>Note: The number of communications circuits that can be monitored simultaneously may be limited by equipment configuration and manning. This may especially be an issue if the ship is operating with a CSG or an amphibious ready group (ARG).</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EXW 6.3	<p>Establish voice communications with USMC evacuation and command nets, NSA, Air Force, Army, local law enforcement, and Homeland Defense nets.</p> <p>Note: The number of communications circuits that can be monitored simultaneously may be limited by equipment configuration and manning. This may especially be an issue if the ship is operating with a CSG or an ARG.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 6.5	<p>Conduct operations security (OPSEC).</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 6.6	<p>Conduct EMCON as directed by higher authority.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 7	MAINTAIN EXPEDITIONARY SURVEILLANCE CAPABILITY.				
EXW 7.1	<p>Maintain and operate expeditionary radar sensors.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 7.2	<p>Maintain and operate expeditionary remote camera sensors.</p> <p>Note: Capability with VTUAV can only be operated with a composite AVDET embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EXW 7.4	<p>Maintain and operate expeditionary IR sensors.</p> <p>Note: Capability with VTUAV can only be operated with a composite AVDET embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 7.5	<p>Maintain and operate expeditionary acoustic sensors.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 7.6	<p>Maintain and operate expeditionary ESM sensors.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 7.7	<p>Provide surveillance functions seaward during the assault follow-on echelon (AFOE) re-supply and joint logistics over-the-shore (JLOTS) operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 7.8	<p>Maintain an operations center capable of collecting, processing, displaying, evaluating and disseminating tactical information.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 7.9	<p>Conduct routine and PMS on expeditionary surveillance systems.</p> <p>V(F/E) - The-based MST accomplishes PMS above crew capability. The MPSF schedules and arranges for maintenance provider accomplishment of all quarterly and above PMS checks and all deferred PM for mission modules.</p>				F/E
EXW 8	MAINTAIN AND OPERATE ROVS.				

LCSRON		I	III	IV	V
EXW 8.1	<p>Conduct remotely operated vehicle (ROV) operations.</p> <p>Note: USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 8.2	<p>Conduct unarmed RECCE of surface/ground forces.</p> <p>Note: USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 8.4	<p>Maintain communications data link on ROV.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 8.5	<p>Analyze, integrate and disseminate ROV surveillance data.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 8.7	<p>Conduct routine and PMS and ROV systems.</p> <p>V(F/E) - The shore-based MST accomplishes PMS above crew capability. The MPSF schedules and arranges for maintenance provider accomplishment of all quarterly and above PMS checks and all deferred PM for mission modules.</p>				F/E
EXW 10	CONDUCT C2 IN AN EXPEDITIONARY ENVIRONMENT.				
EXW 10.7	<p>Exercise C2 of maritime expeditionary security force units, when assigned.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EXW 13 REPAIR OWN UNIT'S EXW EQUIPMENT.	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I,III, IV(L) – LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organizations, including emergent repairs, C3 and C4 CASREPs, and tracking of trouble tickets submitted by crew.</p> <p>V(F/E) -During condition V, maintenance and repairs will be accomplished by the ship's crew, available rotational crews and shore-based MST, FM, and CM.</p>	L	L	L	F/E
EXW 14 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S EXW CAPABILITIES.	<p>IV, V(F/E) – LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 15 CONDUCT BOARDING OPERATIONS.					
EXW 15.1	<p>Conduct consensual boardings on suspect vessels (VBSS level I).</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard.</p> <p>IV, V(F/E) – LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EXW 15.2	<p>Conduct non-compliant boarding operations on suspect vessels (VBSS level II, III).</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 15.3	<p>Insert and extract boarding team via vertical insertion methods (i.e., fast-rope, hoisting) utilizing appropriate aircraft of opportunity (VBSS level III).</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 15.4	<p>Provide FP of boarding team personnel.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 15.6	<p>Conduct trace detection of explosives.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EXW 15.7	<p>Conduct initial safety inspection (ISI).</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 15.8	<p>Conduct systematic testing of spaces for the presence of explosives using detection devices.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 15.9	<p>Identify chemical, biological, radiological, nuclear and high-yield explosive devices and delivery systems.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EXW 15.10	<p>Conduct trace detection for narcotics.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 15.11	<p>Conduct extended ISI when there is reasonable suspicion of a particular hazard that may threaten the boarding team.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 15.12	<p>Conduct systematic testing of spaces for the presence of narcotics using detection devices.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
EXW 15.14	<p>Conduct tactical room/space entry to resolve reports of unaccounted for personnel, stowaways and other situations involving potential terrorist/criminal activity.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
EXW 15.15	<p>Plan/direct boarding operations.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FORCE HEALTH PROTECTION (FHP)					
FHP 23	PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.			F/E	F/E
	IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				
FHP 23.1	<p>Conduct sick call.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FHP 23.5	<p>Conduct sanitation and safety inspections.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
FHP 23.6	<p>Conduct occupational health/safety and preventive medicine programs and training using the following personnel:</p> <p>(a) Hospital corpsmen.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FHP 23.9	<p>Conduct associated administrative/maintenance services:</p> <p>(a) Maintain adequate medical supplies for appropriate level of health care.</p> <p>(b) Perform routine medical administrative services.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FHP 23.10	<p>Conduct on-site emergency medical treatment during hazardous evolutions including flight quarters, UNREP/refueling, and amphibious assault boat operations.</p> <p>Note: During general quarters, casualties are normally taken to the corpsmen in the battle dressing station.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FHP 23.17	<p>Identify, equip, and maintain adequate storage spaces to provide medical care.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FHP 23.18	<p>Identify, equip, and maintain adequate storage spaces for medical equipment and medical supplies.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
FHP 23.19	Provide medical care, triage and resuscitation commensurate with health care provider credentials using the following personnel: (a) Independent duty corpsman (IDC). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FHP 24 PROVIDE FIRST AID ASSISTANCE.					
FHP 24.1	Identify, equip, and maintain appropriate first aid spaces. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FHP 24.2	Train assigned and embarked personnel in first aid, self and buddy air procedures. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FHP 24.3	Train stretcher-bearers. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FHP 25 PROVIDE TRIAGE OF CASUALTIES/PATIENTS.					
FHP 25.1	Identify, equip, and maintain suitable triage spaces. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FHP 25.2	Train assigned and embarked personnel in triage care. Note: Medical personnel only. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FHP 25.4	Train designated non-medical personnel to assist in triage management care for chemical, biological, and radiological (CBR) contamination casualties. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
FHP 25.5	Train designated non-medical personnel to assist in CBR casualty decontamination procedures. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FHP 25.7	Provide medical treatment for CBR casualties. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FHP 26 PROVIDE MEDICAL/SURGICAL TREATMENT FOR CASUALTIES/PATIENTS.					
FHP 26.2	Train assigned and embarked personnel in resuscitation. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FLEET SUPPORT OPERATIONS (FSO)					
FSO 5 CONDUCT TOWING/SEARCH/SALVAGE/RESCUE OPERATIONS.					
FSO 5.3	Conduct rescue operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FSO 5.11	Conduct underwater search operations using towed and/or hull mounted sonar and/or magnetometer. Note: Requires ASW MP on board. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
FSO 6 SUPPORT/CONDUCT SAR OPERATIONS IN A COMBAT/ NONCOMBAT ENVIRONMENT.					
FSO 6.1	Support/conduct combat/noncombat SAR operations by FW or (RW) aircraft. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
FSO 6.2	<p>Conduct combat/noncombat SAR operations by surface ships.</p> <p>Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FSO 6.4	<p>Recover man overboard.</p> <p>Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FSO 6.6	<p>Conduct SAR operations (including operations involving submarines disaster/rescues).</p> <p>Note: Search only. Conduct SAR using electronic devices (GCCS-M).</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FSO 6.7	<p>Conduct general surveillance.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FSO 6.8	<p>Acquire and display distress data.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FSO 6.9	<p>Report situation assessment.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
FSO 45	<p>PROVIDE INPORT TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELECTIVE RESERVES (SELRES) CREWS.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
FSO 51 REPAIR OWN UNIT'S FSO-RELATED EQUIPMENT.	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, III, IV(L) - LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organizations, including emergent repairs, C3 and C4 CASREPs, and tracking of trouble tickets submitted by crew.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>	L	L	L	F/E
FSO 55 MAINTAIN READINESS BY PROVIDING FOR TRAINING OF OWN UNIT'S PERSONNEL.	<p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
INTELLIGENCE (INT)					
INT 1 SUPPORT/CONDUCT INTELLIGENCE COLLECTION.					
INT 1.2	<p>Support/conduct acoustic intelligence information collection.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
INT 1.3	<p>Support/conduct imagery intelligence (IMINT) information collection at short and long range utilizing organic/non-organic, or assigned imagery sensors and onboard imagery processing systems.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
INT 1.4	<p>Support/conduct infrared intelligence information collection.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
INT 1.6	<p>Conduct electro-optical (EO) intelligence collection at short and long range with onboard sensors.</p> <p>Note: Helo/UAV/USV capabilities.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
INT 2	PROVIDE INTELLIGENCE.				
INT 2.2	<p>Evaluate and disseminate intelligence information.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
INT 3	CONDUCT INTELLIGENCE, SURVEILLANCE, AND RECCE.				
INT 3.1	<p>Conduct covert/ clandestine surveillance and RECCE operations.</p> <p>Note: Can conduct covert RECCE with UAV and MP embarked.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
INT 3.2	<p>Plan, direct, coordinate, and conduct overt surveillance and RECCE operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
INT 3.3	<p>Plan, direct, coordinate, and conduct clandestine surveillance and RECCE operations.</p> <p>V(L) - Plan and train.</p>			F/E	F/E
INT 4	CONDUCT OCEAN SURVEILLANCE OPERATIONS AGAINST TARGETS OF INTEREST.				
INT 4.1	<p>Detect and locate targets of interest.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
INT 4.2	Classify and identify targets of interest. Note: Surface and underwater stationary objects only. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 4.3	Track targets of interest. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 6	CONDUCT SURFACE RECONAISSANCE.			F/E	F/E
INT 6.1	Conduct surface patrols or barriers. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 6.3	Conduct RECCE of surface forces. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 6.5	Conduct inshore harbor/coastal defense patrols. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 6.7	Recognize by sight friendly and enemy aircraft, ships, submarines, and potential naval fire support targets which may be encountered in the expected operating areas. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 7	SUPPORT/CONDUCT AIRBORNE RECCE. Note: Helo/UAV equipped.				
INT 7.1	Support/conduct unarmed RECCE (weather, visual, BDA, etc.). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
INT 7.2	Support/conduct armed RECCE (route RECCE, interdiction, etc.). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			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. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 7.6	Plan/direct airborne RECCE. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 8	PROCESS INTELLIGENCE, SURVEILLANCE, AND RECCE INFORMATION. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 9	DISSEMINATE INTELLIGENCE, SURVEILLANCE, AND RECCE INFORMATION. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 14	SUPPORT/CONDUCT SUBMARINE RECCE.				
INT 14.2	Conduct submarine RECCE in support of SG/TF operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 15	PROVIDE INTELLIGENCE SUPPORT FOR NEO.				
INT 15.1	Provide intelligence support for NEO planners and NEO execution. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 15.3	Provide for debriefing of evacuees. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
INT 16	PROVIDE INTELLIGENCE SUPPORT FOR COUNTERNARCOTIC INTERDICTION.				
INT 16.1	Collect and integrate intelligence in cooperation with other services and law enforcement agencies to conduct counternarcotic interdiction. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 16.2	Disseminate integrated all-source intelligence to counternarcotic elements. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
INT 17	REPAIR OWN UNIT'S INTELLIGENCE-RELATED EQUIPMENT.	L	L	L	F/E
	Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST. I, III, IV(L) - LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organizations, including emergent repairs, C3 and C4 V(F/E)- MST performs most PM, FM, and CM.				
INT 19	CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S INT CAPABILITIES.			F/E	F/E
	IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				
INFORMATION OPERATIONS (IO)					
IO 4	PLAN AND IMPLEMENT OPSEC MEASURES.				
IO 4.11	Plan, coordinate and control implementation of OPSEC measures. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
IO 4.12	Execute OPSEC measures. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
IO 4.13	Conduct training of personnel on OPSEC terminology and procedures. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
IO 4.14	Plan, coordinate and control River City conditions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
IO 6	PLAN AND CONDUCT COUNTERSURVEILLANCE, COUNTER-TARGETING AND MILITARY DECEPTION (MILDEC) OPERATIONS.				
IO 6.7	Conduct naval operational deception operations using tactics, operations, exercises, or physical means. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
IO 25	MILDEC.				
IO 25.5	Execute military tactical deception operations using technical means (electronic, acoustic, visual, and EO). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
LOGISTICS (LOG)					
LOG 2	TRANSFER/RECEIVE CARGO AND PERSONNEL.				
LOG 2.4	Transfer and receive personnel by helo. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
LOG 3	PROVIDE SEALIFT FOR CARGO AND PERSONNEL.				
LOG 3.2	Provide small boat services for transfer of personnel, cargo, weapons provisions, and supplies. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
LOG 3.4	<p>Plan/direct sealift for cargo and personnel. Coordinate with logistics coordinator.</p> <p>Note: To include conducting load/discharge of mission modules and crews from Military Sealift Command (MSC), commercial or Navy ships/facilities either in stream or pier side.</p> <p>V(E) - Team for pier-side onload/offload of mission modules provided by MPSF or MMRC.</p>				F/E
MINE WARFARE (MIW)					
MIW 2 CONDUCT INFLUENCE MINE SWEEPING OPERATIONS.					
MIW 2.1	<p>Sweep magnetic mines.</p> <p>Note: USV equipped.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 2.2	<p>Sweep acoustic mines.</p> <p>Note: USV equipped.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 2.4	<p>Sweep underwater electric potential (UEP) mines.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 2.5	<p>Sweep magnetic/acoustic combination influence mines.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 2.9	<p>Plan/direct minesweeping operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 3 CONDUCT MINE NEUTRALIZATION/DESTRUCTION.					

LCSRON		I	III	IV	V
MIW 3.1	Neutralize located mines. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 3.2	Destroy floating mines. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 3.3	Destroy subsurface mines. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 3.6	Provide support for embarked explosive ordnance disposal (EOD)/Sea Air and Land (SEAL). Note: Unable to fully support EOD when MPs are embarked. Limited space/weight available. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 3.7	Conduct low influence signature diving operations to unit's designated depth capability to locate, neutralize, destroy, or recover underwater ordnance. Note: EOD support required. Unable to fully support EOD when MPs are embarked. Limited space/weight available. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 3.9	Plan/direct mine neutralization/ destruction. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 4	CONDUCT MINE COUNTERMEASURES (MCM) .				
MIW 4.1	Detect, classify, and plot sea mines. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
MIW 4.3	Neutralize moored sea mines. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 4.4	Neutralize bottom sea mines. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 4.5	Conduct MCM operations using ROV. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 4.6	Conduct underwater search operations using towed and/or hull-mounted sonar and/or magnetometer. Note: USV equipped. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 4.9	Conduct surveillance of potential enemy mine laying activity. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 4.10	Plan/direct MCM. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 4.11	Detect and avoid mines using organic sensors. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 9	CONDUCT AIRBORNE MINE COUNTERMEASURES (AMCM) AND SUPPORT MIW OPERATIONS. Note: Includes airborne organic mine countermeasures (AOMCM).				
MIW 9.1	Conduct day helo AMCM flight operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
MIW 9.2	Conduct night helo AMCM flight operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 9.4	Provide MCM gear to support MCM operations. V(L) - MPSF team conducts MCM MP exchange in port.				F/E
MIW 9.5	Conduct helo flight operations during all EMCON conditions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 9.6	Conduct helo hot and cold refueling. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 9.8	Provide electrical power for helo starting, testing, etc. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 9.9	Provide ground handling equipment for loading and spotting helos. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 9.12	Conduct precision radar controlled approach for embarked aircraft under all weather conditions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MIW 9.13	Launch FW and/or RW aircraft involved in MIW operations. Note: RW only. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
MIW 9.14	<p>Recover FW and/or RW aircraft involved in MIW operations.</p> <p>Note: RW only.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 9.16	<p>Provide required conventional ordnance to support MIW air operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 9.17	<p>Load/unload MIW ordnance compatible with required aircraft turnaround time.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 11 CONDUCT ROUTE SURVEY OPERATIONS.					
MIW 11.1	<p>Conduct route survey operations by surface mine countermeasures (SMCM) ships/craft.</p> <p>Note: USV equipped.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 11.2	<p>Conduct route survey operations by AMCM RW aircraft.</p> <p>Note: MH-60S equipped.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 11.3	<p>Provide capability to collect, store, retrieve, and process MIW contact information.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
MIW 13 REPAIR OWN UNIT'S MIW EQUIPMENT.	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, III, IV(L) - LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organizations, including emergent repairs, C3 and C4 CASREPs, and tracking of trouble tickets submitted by crew.</p> <p>V(F/E) - MST performs most ship PM, FM, and CM. The MPSF performs most mission modules, CM, and PM.</p>	L	L	L	F/E
MIW 15 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MIW CAPABILITIES.	<p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MIW 16 PERFORM MIW BDA.	<p>MIW 16.1 Perform MIW BDA.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
MOBILITY (MOB)					
MOB 1 OPERATE SHIP'S PROPULSION PLANT TO DESIGNED CAPABILITY.	<p>MOB 1.1 Operate ship's propulsion plant at full power.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p> <p>MOB 1.2 Operate ship's propulsion plant with split plant operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
MOB 1.6	Maintain necessary machinery redundancies to enhance survival in high threat areas. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 3 PREVENT AND CONTROL DAMAGE.					
MOB 3.1	Control fire, flooding, electrical, structural, propulsion, and hull/airframe causalities. Note: At sea fast reaction team manned by off-watch personnel. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 3.2	Counter and control CBR contaminants/agents. Note: At sea fast reaction team manned by off-watch personnel. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 3.3	Maintain security against unfriendly acts. Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop the inport security plan. LCSRON oversees AT/FP training. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 3.5	Provide damage control security/surveillance. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 3.8	Provide emergency breathing devices per ship's allowance. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
MOB 5	MANEUVER IN FORMATION. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 7	PERFORM SEAMANSHIP, AIRMANSHIP, AND NAVIGATION TASKS.				
MOB 7.1	Navigate under all conditions of geographic location, weather, and visibility. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 7.2	Conduct precision anchoring. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 7.6	Abandon/scuttle ship rapidly. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 7.8	Tow or be towed (towing engine not required). Note: Be towed only. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 7.16	Recover man overboard (shipboard, boat, or helo). Note: May require standing down selected personnel from their condition I stations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 10	REPLENISH AT SEA.				
MOB 10.1	Receive vertical replenishment. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
MOB 10.2	Receive fuel while underway (alongside method).			F/E	F/E
IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.					
MOB 10.4	Receive potable and/or feed water while underway.			F/E	F/E
IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.					
MOB 10.5	Receive carrier onboard delivery (COD)/ vertical onboard delivery (VOD) aircraft.			F/E	F/E
Note: VOD only.					
IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.					
MOB 12 MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.					
MOB 12.1	Ensure all phases of food service operations are conducted consistent with approved sanitary procedures and standards.			F/E	F/E
IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.					
MOB 12.2	Ensure the operation of the potable water system in a manner consistent with approved sanitary procedures and standards.			F/E	F/E
IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.					
MOB 12.3	Monitor and/or maintain the environment to ensure the protection of personnel from overexposure to hazardous levels of radiation, temperature, noise, vibration, and toxic substances per current instructions.			F/E	F/E
IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.					

LCSRON		I	III	IV	V
MOB 12.4	Maintain closed atmosphere within prescribed specifications. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 12.5	Monitor the health and well-being of the crew to ensure that habitability is consistent with approved habitability procedures and standards. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 12.6	Ensure the operation and maintenance of all phases of shipboard environmental protection systems do not create a health hazard and are consistent with other naval directives pertaining to the prevention of pollution of the environment. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
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(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 12.12	Provide antidotes to ship's company, which will counteract the effects caused by a CBR-contaminated environment. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 12.13	Train designated medical supervisors and non-medical personnel to detect CBR-contaminated casualties. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 12.14	Train designated non-medical personnel to decontaminate CBR casualties. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
MOB 12.15	Identify, supply, and maintain decontamination stations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOB 17 PERFORM ORGANIZATIONAL LEVEL REPAIRS TO OWN UNIT'S MOB EQUIPMENT.	Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST. V(F/E) - MST performs most PM, FM, and CM.				F/E
MOB 18 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MOB CAPABILITIES.	IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MISSIONS OF STATE (MOS)					
MOS 4 PERFORM INTERDICTION.					
MOS 4.4	MIO and/or VBSS operations with naval/combined/joint forces. Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOS 7 PROVIDE SECURITY ASSISTANCE (SA).					
MOS 7.2	Provide mobile training team or other training assistance. Note: Only with embarkation of the irregular warfare enhancements to the SUW MP that include training support module.			F/E	F/E

LCSRON		I	III	IV	V
	IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				
MOS 8	PROVIDE AT ASSISTANCE.				
MOS 8.1	Ensure that the physical security of important persons, facilities and events meet acceptable standards. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOS 8.2	Provide training and advice on how to reduce vulnerability to terrorism and other threats, particularly in the maritime environment. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOS 14	SUPPORT CIVIL MILITARY OPERATIONS (CMO)/CIVIL AFFAIRS OPERATIONS (CAO) THROUGHOUT ALL PHASES OF CONFLICT.				
MOS 14.4	Assess/facilitate/support disaster relief support operations. Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support modules. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOS 14.5	Assess/facilitate/support humanitarian and civic assistance operations. Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support modules. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
MOS 16	FHA				
MOS 16.2	Conduct disaster relief support operations.			F/E	F/E

LCSRON		I	III	IV	V
	<p>Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support modules.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>				
MOS 16.5	<p>Conduct humanitarian and civic assistance operations.</p> <p>Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NONCOMBAT OPERATIONS (NCO)					
NCO 2	PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.				
NCO 2.1	<p>Provide supply support services.</p> <p>Note: The LST acts as an extension of the supply department, performing many of the traditional supply functions for the crews through distance support.</p>		F	F	F
NCO 2.2	<p>Provide clerical services.</p> <p>III, IV, V(F/E) - Most administrative services are provided via distance support by the LCSRON.</p>		F/E	F/E	F/E
NCO 2.5	<p>Provide messing facilities.</p> <p>Note: When in homeport, shore galleys and other means will support feeding of crew. Otherwise, messing will be provided on board.</p>		F/E	F/E	F/E
NCO 2.6	Provide ships service facilities.		F/E	F/E	F/E
NCO 2.7	Provide inventory and custodial services.				F
NCO 2.8	Provide personnel for living space maintenance.				F/E
NCO 3	PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.				

LCSRON		I	III	IV	V
NCO 3.1	<p>Provide organizational level preventive maintenance.</p> <p>Note: In conditions III and IV preventive maintenance performed per LCS tailored requirements. Due to minimal manning of LCS, deferred preventive maintenance is supported by shore support activity.</p> <p>V(F/E) - MST performs most PM.</p>				F/E
NCO 3.2	<p>Provide organizational level CM.</p> <p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST</p> <p>V(F/E) - MST performs most CM.</p>				F/E
NCO 3.4	<p>Maintain preservation and cleanliness of topside and internal spaces.</p> <p>V(F/E) - FM is contracted out by MST.</p>				F/E
NCO 3.5	<p>Provide for proper storage, handling, use, and transfer of hazardous materials.</p> <p>V(F/E) - Plan and train.</p>				F/E
NCO 5	CONDUCT METEOROLOGICAL, HYDROGRAPHIC AND/OR BATHYMETRIC COLLECTION OPERATIONS OR SURVEYS.				
NCO 5.1	<p>Collect and disseminate meteorological information.</p> <p>Note: Weather synoptics submitted by email vice message.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NCO 5.2	<p>Collect and disseminate hydrographic information.</p> <p>Note: Depth only.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
NCO 5.3	Collect and disseminate oceanographic information including bathythermograph operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 8 SERVE AS A PLATFORM FOR OPERATIONAL TEST AND EVALUATION OF SYSTEMS, EQUIPMENT, AND TACTICS.					
NCO 8.1	Provide technical assistance for installed test and evaluation equipment. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 8.2	Perform the test and evaluation functions set forth in the appropriate test plans. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 8.3	Perform the evaluation functions set forth in appropriate tactical memorandums (TACMEMO). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 10 PROVIDE EMERGENCY/DISASTER ASSISTANCE.					
NCO 10.1	Provide emergency flooding/firefighting assistance to another unit. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 10.4	Provide disaster assistance and evacuation. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 10.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 11 SUPPORT/PROVIDE FOR THE EVACUATION OF NONCOMBATANT PERSONNEL IN AREAS OF CIVIL OR					

LCSRON		I	III	IV	V
INTERNATIONAL CRISIS.					
NCO 11.1	Support/conduct helo/boat evacuation of noncombatant personnel as directed by higher authority from areas of civil or international crisis. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 19 CONDUCT MARITIME LAW ENFORCEMENT OPERATIONS.					
NCO 19.1	Detect and identify non-combatant vessels. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 19.2	Conduct boarding and inspection of noncombatant vessels. Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, or LEDET. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 19.3	Provide assistance to other law enforcement forces. V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				F/E
NCO 19.4	Provide surveillance and protection of maritime resources. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
NCO 19.6	<p>Conduct seizure of noncombatant vessels.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, or LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NCO 19.9	<p>Conduct drug traffic suppression and interdiction operations.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, or LEDET.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NCO 19.15	<p>Support drug traffic suppression and interdiction operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NCO 19.16	<p>Support illegal entry suppression operations.</p> <p>V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>				F/E
NCO 24 SUPPORT/CONDUCT RW AIRCRAFT OPERATIONS.					
NCO 24.1	<p>Support/conduct day RW aircraft flight operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NCO 24.2	<p>Support/conduct night RW aircraft flight operations.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

LCSRON		I	III	IV	V
NCO 24.3	Support/conduct RW aircraft flight operations during all EMCON conditions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 24.4	Support/conduct RW aircraft hot and cold refueling operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 24.5	Provide electrical power for RW aircraft starting, testing, etc. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 24.6	Provide ground handling equipment for loading and spotting RW aircraft. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 25 CONDUCT MARINE ENVIRONMENTAL PROTECTION.					
NCO 25.1	Detect oil or hazardous chemical spill. V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				F/E
NCO 25.2	Report spills to proper authority. V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				F/E
NCO 25.3	Conduct pollution abatement operations. V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				F/E
NCO 32 CONDUCT COUNTERNARCOTIC AND OTHER LAW ENFORCEMENT SUPPORT OPERATIONS IN CONJUNCTION WITH OTHER FORCES.					
NCO 32.1	Conduct/support operations with Coast Guard units. V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				F/E

LCSRON		I	III	IV	V
NCO 32.2	Conduct/support operations with other Federal law enforcement agencies. V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				F/E
NCO 32.3	Conduct operations with State and local law enforcement agencies. V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				
NCO 32.4	Conduct operations with other national governments. V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				F/E
NCO 33	SUPPORT/PROVIDE COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT SUPPORT PATROL OF A FIXED GEOGRAPHIC AREA.				
NCO 33.1	Operate as choke point patrol unit. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 33.2	Operate as an open ocean patrol unit. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 34	IN SUPPORT OF COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT, AND MONITOR SUSPECT SURFACE CONTACTS.				
NCO 34.1	Detect and monitor surface contacts with radar. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 34.2	Detect and monitor surface contacts visually. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 34.3	Detect and monitor surface contacts with infrared equipment. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
NCO 34.4	Detect and monitor surface contacts with electronic surveillance methods. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 34.5	Detect and monitor surface contacts with passive sonar. Note: Only with ASW MP embarked. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 34.6	Detect and monitor surface contacts with active sonar. Note: Only with ASW MP embarked. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 34.7	Detect and monitor surface contacts with surveillance towed arrays. Note: Only with ASW MP embarked. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 34.8	Detect and monitor surface contacts assisted by real-time passive acoustic analysis. Note: Only with the ASW MP embarked. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 36 IN SUPPORT OF COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT, AND MONITOR SUSPECT AIR CONTACTS.					
NCO 36.1	Detect and monitor air contacts with radar. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
NCO 36.2	Detect and monitor air contacts visually. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 36.3	Detect and monitor air contacts by electronic surveillance measures. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 38 RECEIVE, DISPLAY, AND MAINTAIN COUNTER NARCOTIC INTELLIGENCE DATA.	 IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 45 PROVIDE AT/FP DEFENSE.					
NCO 45.1	Assimilate and disseminate intelligence on terrorist activities directed at U.S. Navy installations, ships and personnel. Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 45.2	Request and/or provide a threat assessment. Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.				F
NCO 45.3	Declare general warnings of possible terrorist threat condition (THREATCON). Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.				F
NCO 45.4	Anticipate and provide defenses against terrorist activities directed at ships,			F/E	F/E

LCSRON		I	III	IV	V
<p>installations, facilities and personnel:</p> <p>(a) Include provisions for barriers, access control, surveillance, intruder detection, and electronic security systems (ESS).</p> <p>(b) Train and exercise the unit's AT response force to include tactical room/space entry.</p> <p>(c) Implement local FPCON measures.</p> <p>(d) Implement unit terrorist incident response plan.</p> <p>(e) Operate ESS.</p> <p>(f) Operate duress systems.</p> <p>(g) Train and exercise designated marksman for defense of HVA, boat crews and security personnel.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>					
<p>NCO 45.5 Conduct screening of non-assigned personnel and materials entering the unit or facility using:</p> <p>(a) Logical means (validation of identification, documentation, personal recognition, etc.)</p> <p>(b) Physical means (searches, metal detection, explosive detection, etc.)</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E	

LCSRON		I	III	IV	V
NCO 45.6	<p>Provide waterside barriers/patrols during port calls and anchorage.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NCO 45.7	<p>Determine, maintain and enforce port, harbor and anchorage limited access areas.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NCO 45.8	<p>Conduct surveillance and interdiction operations of swimmers/swimmer delivery vehicles.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NCO 45.9	<p>Provide AT information and voluntary training to dependents visiting units in foreign ports/locations.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p>				F

LCSRON		I	III	IV	V
NCO 45.10	Publish/disseminate AT defense instructions that include provisions for appropriate perimeter barriers, access control, surveillance, and intruder detection, AT response force including a crisis action team, and evacuation.				F
NCO 45.11	Conduct hostage survival and code of conduct training. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NCO 45.12	Direct, conduct and assess unit AT exercises consistent with potential and/or actual threat environment. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NAVAL SPECIAL WARFARE (NSW)					
NSW 4 CONDUCT COMBATANT CRAFT OPERATIONS.					
NSW 4.1	Support/conduct ISR gathering in support of special operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NSW 4.2	Deliver, support and recover elements of SEAL and swimmer/SEAL delivery vehicle (SDV) teams. Note: Also elements of LEDET or Naval Special Clearance Team ONE (NSCT-1) Detachment. Unable to fully support SEAL and SDV teams when MPs are embarked. Limited space/weight available. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
NSW 4.3	Conduct surveillance and interdiction of enemy coastal shipping. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
NSW 4.4	<p>Conduct limited riverine warfare operations.</p> <p>Note: Augment navigation team as required.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NSW 5	CONDUCT UNCONVENTIONAL WARFARE OPERATIONS.				
NSW 5.2	<p>Clandestinely or covertly infiltrate/exfiltrate equipment, operators, agents, evaders, and escapees into/from contested or denied coastal zones.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NSW 7	SUPPORT RAIDING PARTIES.				
NSW 7.2	<p>Provide logistic support, facilities and mobility for special forces (landing force RECCE units, or SOF).</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NSW 8	CONDUCT CLANDESTINE INFILTRATION AND EXFILTRATION (INFIL/EXFIL) OF PERSONNEL AND EQUIPMENT.				
NSW 8.5	<p>Conduct infil/exfil by organic or indigenous small craft.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
NSW 11	PROVIDE TRAINING AND SUPPORT FOR THE EMPLOYMENT OF SOF IN INTEGRATED STW.				F
NSW 12	CONDUCT LIMITED LOCAL SECURITY DEFENSIVE COMBAT OPERATIONS.			F/E	F/E
	<p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>				

LCSRON		I	III	IV	V
NSW 14 REPAIR OWN UNIT'S NSW EQUIPMENT.		L	L	L	F/E
<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by shore support organization.</p> <p>I, III, IV(L) - LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organization, including emergent repairs, C3 and C4 CASREPs, and tracking of trouble tickets submitted by crew.</p> <p>V(F/E) - MST performs most PM, FM, and CM.</p>					
NSW 15 CONDUCT ANTI-SWIMMER DEFENSE.					
NSW 15.1	Plan/direct anti-swimmer defense in a geographic area.			F/E	F/E
	IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				
NSW 15.2	Conduct surveillance of swimmers/SDVs.			F/E	F/E
	IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.				
NSW 15.3	Conduct interdiction operations of swimmer/swimmer delivery vehicles.			F/E	F/E
	<p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>				
SURFACE WARFARE (SUW)					
NOTE: FULL SUW CAPABILITIES ARE PROVIDED WHEN CONFIGURED WITH THE SUW MISSION MP.					

LCSRON		I	III	IV	V
SUW 1	USING ANTI-SURFACE ARMAMENT, ENGAGE SURFACE THREATS.				
	Note: Engagement confined to small craft in the littorals, fast attack craft (FAC) and fast inshore attack craft (FIAC).				
SUW 1.5	Engage surface ships with intermediate caliber (cal) gunfire (i.e., 3"/75, 76 millimeter (mm)). Note: Applies to 57mm gun. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 1.6	Engage surface ships with minor caliber gunfire (i.e., 25mm, 20mm, .50 cal). Note: Applies to .50 cal for core seaframe and 30mm for SUW MP. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 1.9	Engage surface ships with small arms gunfire. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 1.10	Conduct close-in surface self-defense using crew operated machine guns (i.e., 25mm, 20mm, .50 cal, .30 cal). Note: Applies to .50 cal for core seaframe and 30mm for SUW MP. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
SUW 1.13	Engage surface ships with conventional air-to-surface ordnance. Note: Helo/VTUAV weapons. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 1.14	Direct embarked or non-organic armed helo to engage surface ships. Note: Also applies to UAV. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 1.15	Engage surface ships with short-range missiles. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 2	ENGAGE SURFACE TARGETS IN COOPERATION WITH OTHER FORCES.				
SUW 2.1	Conduct SUW as a member of an SG, SAG, URG, or amphibious force (e.g., CSG, ESG, surface strike group (SSG), amphibious task unit, ATG, ATF). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 2.2	Conduct SUW to support surface forces. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 2.3	Engage surface targets within assigned anti-surface sector. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 2.4	Operate in coordination with land and sea based air forces in conducting long-range surface actions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 3	PROVIDE SUW DEFENSE OF A GEOGRAPHICAL AREA (E.G., ASSIGNED AO, BARRIER) INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.				

LCSRON		I	III	IV	V
SUW 3.1	Provide SUW defense of a geographical area Note: Confined to the littoral/coastal areas only. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 4 DETECT, IDENTIFY, LOCALIZE AND TRACK SURFACE SHIP TARGETS.					
SUW 4.1	Detect, localize and track surface contacts with radar. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 4.3	Detect, localize and track surface contacts with active sonar. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 4.4	Detect, identify, classify and track surface contacts visually. Note: Helo/UAV/USV equipped (EO sensor). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 4.5	Detect, identify, and track surface contacts with infrared equipment. Note: Helo/UAV/USV equipped. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 4.6	Detect, identify, classify, and track surface contacts by ESM. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 4.7	Identify surface contacts. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
SUW 4.9	Detect, localize, classify and track surface contacts with tactical towed arrays. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 4.13	Detect, identify and track surface contacts with night vision goggles. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 6 DISENGAGE, EVADE AND AVOID SURFACE ATTACK.					
SUW 6.1	Employ countermeasures. (a) Lighting configuration. (b) Hull markings. (c) Running gear entanglement system (RGES). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 6.2	Employ evasion techniques. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 6.3	Employ EMCON procedures. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 8 PROVIDE AIR OPERATIONS TO SUPPORT SURFACE ATTACKS.					
Note: Applies to UAV and helo operations. Air controllers are provided with embarked MPs.					
SUW 8.1	Launch FW and/or RW aircraft. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 8.2	Recover FW and/or RW aircraft. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON		I	III	IV	V
SUW 8.5	Provide conventional ordnance within required aircraft turnaround times. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 8.6	Conduct air operations during all EMCON conditions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 8.8	Control aircraft under all conditions of active jamming. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 8.9	Load/unload ordnance within required aircraft turnaround times. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 8.11	Conduct precision radar controlled approach for aircraft under all weather conditions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 8.13	Control FW or RW SUW aircraft during coordinated search or attack operations including over-the-horizon targeting (OTHT). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 8.14	Render safe hazardous explosive ordnance during flight operations and ordnance loading/unloading evolutions. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 9	ATTACK SURFACE SHIPS USING AIR-LAUNCHED ARMAMENT. Note: Applies to UAV and helo operations.				

LCSRON		I	III	IV	V
SUW 9.4	Attack surface ships using air-to-surface guided missiles or anti-radiation weapons systems. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 9.8	Evade hostile surface-to-air threats. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 9.12	Attack surface ships using guns. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 10 CONDUCT AIRBORNE OPERATIONS TO SUPPORT SURFACE ATTACK OPERATIONS.					
SUW 10.4	Conduct flight operations during all EMCON conditions in support of SUW. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 10.5	Provide OTHT information to support air SUW operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 11 PERFORM DUTIES OF ACU FOR AIRCRAFT INVOLVED IN SUW OPERATIONS.					
SUW 11.1	Perform aircraft control for aircraft involved in SUW operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 11.2	Plan/direct aircraft control for aircraft involved in SUW operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 12 SUPPORT/CONDUCT ESCORTING AND INDEPENDENT SUW OPERATIONS.					

LCSRON		I	III	IV	V
SUW 12.1	Conduct SUW operations while escorting a convoy and/or URG. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 12.2	Conduct SUW operations while escorting amphibious force (e.g., amphibious task unit, ESG, ATG, ATF). IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 12.3	Conduct independent SUW operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 12.4	Plan/direct independent SUW operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 12.5	Plan/direct SUW while escorting a convoy, URG and/or amphibious force. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 13	CONDUCT PRE-ATTACK DECEPTION IN SUPPORT OF SUW OPERATIONS.				
SUW 13.1	Perform pre-attack deception in support of SUW operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E
SUW 13.2	Plan/direct pre-attack deception in support of anti-surface operations. IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.			F/E	F/E

LCSRON	I	III	IV	V
<p>SUW 14 REPAIR OWN UNIT'S SUW EQUIPMENT.</p> <p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During conditions III and IV with SUW MP embarked, full capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, III, IV(L) - LCSRON LOSC manned 24/7, acts as a conduit for transferring workload from the crews to the appropriate shore organizations, including emergent repairs, C3 and C4 CASREPs, and tracking of trouble tickets submitted by crew.</p> <p>V(F/E) - MST performs most PM, FM, and CM. The MPSF performs most mission modules CM, and PM.</p>	L	L	L	F/E
<p>SUW 16 PERFORM SUW BDA.</p> <p>SUW 16.1 Perform SUW BDA.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E
<p>SUW 17 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S SUW CAPABILITIES.</p> <p>IV, V(F/E) - LCSRON/LTF provides all training teams at LTFs and underway.</p>			F/E	F/E

REQUIRED OPERATIONAL CAPABILITIES (ROC)
FOR
LITTORAL COMBAT SHIP (LCS) CLASS SHIPS
WITH CORE CREW ONLY

LCS CLASS SHIPS WITH CORE CREW ONLY	I	III	IV	V
AMPHIBIOUS WARFARE (AMW)				
Note: AMW is now termed EXW.				
AMW 3 RE-EMBARK AND TRANSPORT EQUIPMENT, MATERIALS, SUPPLIES, AND PERSONNEL.				
AMW 3.1	L	L	L	L
Re-embark and transport personnel of the landing force. I(L) - May require temporarily securing personnel from other battle stations. I, III, IV, V(L) - No extra berthing and limited hotel services for landing force when MP is embarked. V(L) - Plan and train.				
AMW 3.2	L	L	L	L
Re-embark and transport equipment, materials, and supplies. I(L) - May require temporarily securing personnel from other battle stations. I, III, IV(L) - No or limited storage facilities with MP embarked. Limited handling gear on board. V(L) - Plan and train.				
AMW 9 CONDUCT PRE-ASSAULT COVER AND DIVERSIONARY ACTIONS.				
AMW 9.2	F	F	L	L
Conduct pre-assault cover and diversionary actions. IV, V(L) - Plan and train.				
AMW 15 PROVIDE AIR OPERATIONS TO SUPPORT AMPHIBIOUS OPERATIONS.				
Note: Applies to embarked UAV and helo operations. When embarked, VTUAV can support surveillance/RECCE missions.				

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
AMW 15.1	<p>Launch FW and/or RW aircraft.</p> <p>I(L) - RW only. Full capability requires embarked AVDET.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
AMW 15.2	<p>Recover FW and/or RW aircraft.</p> <p>I(L) - RW only. Full capability requires embarked AVDET.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
AMW 15.5	<p>Provide conventional ordnance within required aircraft turnaround times.</p> <p>I(L) - Full capability requires embarked AVDET.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
AMW 15.8	<p>Control aircraft under all conditions of active jamming.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
AMW 15.9	<p>Load/unload ordnance within required aircraft turnaround times.</p> <p>I(L) - Full capability requires embarked AVDET.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
AMW 15.11	<p>Conduct precision radar controlled approach for aircraft under all weather conditions.</p> <p>I(L) - Full capability requires embarked AVDET.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
AMW 15.13	<p>Render safe hazardous explosive ordnance during flight operations and ordnance loading/unloading evolutions.</p> <p>I(L) - Full capability requires embarked AVDET.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
AMW 20 REPAIR OWN UNIT'S AMW EQUIPMENT.		L	L/A	L/A	L
<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, most maintenance and repairs are accomplished by the MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV (L/A) - Man watch stations sufficient to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>					
AMW 23 CONDUCT ADVANCE FORCE OPERATIONS FOR AN AMPHIBIOUS ASSAULT.					
AMW 23.2	<p>Conduct advance force operations for an amphibious assault.</p> <p>I, III(L/E) - Support SOF units engaged in operation. Limited support can be provided by VTUAV when embarked.</p> <p>IV, V(L) - Plan and train.</p>	L/E	L/E	L	L
AMW 24 CONDUCT DIRECT ACTION AMPHIBIOUS RAIDS.					
AMW 24.2	<p>Conduct direct action amphibious raids.</p> <p>I, III(L/E) - Support SOF units engaged in operations.</p> <p>IV, V(L) - Plan and train.</p>	L/E	L/E	L	L
AMW 35 CONDUCT LIMITED OBJECTIVE NIGHT ATTACKS.					
AMW 35.2	<p>Conduct limited objective night attacks.</p> <p>I, III(L/E) - Support SOF units engaged in operations.</p> <p>IV, V(L) - Plan and train.</p>	L/E	L/E	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
AMW 40	CONDUCT NIGHT REINFORCEMENT OPERATIONS.				
	AMW 40.2 Conduct night reinforcement operations. I, III(L/E) - Support SOF units engaged in operations. IV, V(L) - Plan and train.	L/E	L/E	L	L
AMW 43	CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S AMW CAPABILITIES.	L	L	L	L
	I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space. III, IV(L) - Man watch stations sufficiently to take immediate corrective action to counter emergent minor degradations or casualties. V(L) - Plan and train.				
AIR WARFARE (AW)					
AW 1	PROVIDE AIR DEFENSE INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.				
	Note: Self-defense only.				
	AW 1.2 Conduct air self-defense using missile, gun, electronic or physical systems (e.g., chaff, flares). IV, V(L) - Plan and train.	F	F	L	L
AW 6	DETECT, IDENTIFY, AND TRACK AIR TARGETS.				
	AW 6.2 Recognize by sight friendly and enemy aircraft. V(L) - Plan and train.	F	F	F	L
	AW 6.3 Maintain an accurate air plot. V(L) - Plan and train.	F	F	F	L
	AW 6.4 Measure aircraft altitude by radar. V(L) - Plan and train.	F	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
AW 6.5	Detect, identify, and track air targets with radar and/or cooperative sensors. V(L) - Plan and train.	F	F	F	L
AW 6.6	Acquire and track air targets with GFCS/MFCS. IV, V(L) - Plan and train.	F	F	L	L
AW 6.7	Detect, classify, and track air targets by ESM. V(L) - Plan and train.	F	F	F	L
AW 6.11	Detect, identify and track air targets using night vision devices. V(L) - Plan and train.	F	F	F	L
AW 6.13	Identify air targets as friendly/non-friendly using transponder interrogation equipment. V(L) - Plan and train.	F	F	F	L
AW 9	ENGAGE AIRBORNE THREATS USING SURFACE-TO-AIR ARMAMENT. Note: Self-defense only.				
AW 9.3	Engage low altitude threats with missiles. IV, V(L) - Plan and train.	F	F	L	L
AW 9.4	Engage low/medium altitude airborne threats with gunfire. IV, V(L) - Plan and train.	F	F	L	L
AW 9.5	Engage airborne threats using installed anti-air weapons. IV, V(L) - Plan and train.	F	F	L	L
AW 9.6	Engage airborne threats utilizing soft-kill weapons systems (i.e., chaff/decoys). IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
AW 11	REPAIR OWN UNIT'S AW EQUIPMENT. <p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, most maintenance by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L
AW 12	CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S AW CAPABILITIES. <p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
AW 13	PERFORM AW BDA.				
AW 13.1	Perform AW BDA. <p>IV, V(L) - Plan and train.</p>	F	F	L	L
AW 13.2	Coordinate and evaluate AW BDA. <p>IV, V(L) - Plan and train.</p>	F	F	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
AW 13.3	C2 restrictions in the assigned AO based on BDA. IV, V(L) - Plan and train.	F	F	F	L
COMMAND, CONTROL, AND COMMUNICATIONS (CCC)					
CCC 2 COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.					
CCC 2.8	Function as on-scene commander for a SAR operation. Note: Emergency initial response only until more capable unit arrives on scene. V(L) - Plan and train.	F	F	F	L
CCC 3 PROVIDE OWN UNIT'S C2 FUNCTIONS.					
CCC 3.1	Maintain a CIC or CDC capable of collecting, processing, displaying, evaluating and disseminating tactical information.	F	F	F	F
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.	F	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently. III, IV, V(L) - Plan and train.	F	L	L	L
CCC 3.5	Employ IFF/SIF including IFF mode 4. IV, V(L) - Plan and train.	F	F	L	L
CCC 3.7	Maintain a CIC or CDC capable of supporting a TAO. I(L) - Full capability to support primary missions only realized with appropriate MP embarked. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
CCC 3.8	Establish voice communications with USMC evacuation and command nets and/or NSA net. Note: Includes data communications. IV, V(L) - Plan and train.	F	F	L	L
CCC 3.11	Establish voice communications with supported forces. Note: Includes data communications. IV, V(L) - Plan and train.	F	F	L	L
CCC 4 MAINTAIN NTDS OR DATA LINK CAPABILITY.					
CCC 4.4	Receive data link information from airborne ASW aircraft. V(L) - Plan and train.	F	F	F	L
CCC 4.5	Receive and process data link information from SATCOM. V(L) - Plan and train.	F	F	F	L
CCC 4.6	Receive and process data link information from HF systems. V(L) - Plan and train.	F	F	F	L
CCC 4.9	Transmit/receive and support link 16 surveillance, navigation, and identification circuits. V(L) - Plan and train.	F	F	F	L
CCC 4.10	Transmit/receive and correlate targeting information with link 4A. Note: Applies to link 16. V(L) - Plan and train.	F	F	F	L
CCC 4.13	Transmit/receive data via GCCS-M. V(L) - Plan and train.	F	F	F	L
CCC 6 PROVIDE COMMUNICATIONS FOR OWN UNIT.					
CCC 6.1	Maintain tactical voice communications.	F	F	F	F/A
CCC 6.3	Maintain multichannel cryptographically covered teletype/data receive circuits.	F	F	F	F/A

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
CCC 6.5	Maintain full duplex, cryptographically covered HF teletype/data circuits (simplex for submarines and patrol combatants).	F	F	F	F/A
CCC 6.6	Process messages.	F	F	F	F
CCC 6.10	Maintain voice/teletype/computer data cryptographically covered SATCOM circuits.	F	F	F	F/A
CCC 6.12	Maintain internal communications systems.	F	F	F	F/A
CCC 6.13	Maintain capability for LPI HF communications.	F	F	F	F/A
CCC 6.14	Maintain capability for LPI SATCOMs.	F	F	F	F/A
CCC 6.16	Provide tactical, secure, anti-jam UHF voice communications.	F	F	F	F
CCC 6.17	Provide tactical, secure, anti-jam VHF voice communications.	F	F	F	F
CCC 6.19	Provide tactical, secure voice or data communications.	F	F	F	F
CCC 6.24	Maintain CUDIXS/NAVMACS communications.	F	F	F	F/A
CCC 6.28	Maintain SIPRNET and NIPRNET systems and support systems.	F	F	F	F
CCC 9	RELAY COMMUNICATIONS.				
CCC 9.3	Relay electronic communications.	F	F	F	F
CCC 18	DEVELOP, COORDINATE, AND CONTROL COMMUNICATIONS AMONG WARFARE COMMANDERS AND/OR NAVAL, COMBINED, OR JOINT FORCES.	F	F	F	F/A
	Note: Coordinate with U.S. and foreign agencies for use of radio frequencies while inside territorial waters. Maintain internal information system networks to include:				
	(a) GENSER LAN.				
	(b) GCCS-M.				
	(c) SIPRNET.				
	(d) NIPRNET/NMCI.				
	(e) E-mail servers (classified and unclassified) with Internet access.				

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
CCC 19 REPAIR OWN UNIT'S CCC EQUIPMENT.	<p>Note: During conditions III and IV, full capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by shore support organization.</p> <p>I,V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L
CCC 20 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S CCC CAPABILITIES.	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
ELECTRONIC WARFARE (EW)					
EW 1 CONDUCT ES OPERATIONS.					
EW 1.1	<p>Search for and intercept electromagnetic and directed energy signals and emissions.</p> <p>V(L) - Plan and train.</p>	F	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
EW 1.2	Identify C2 and weapons systems signals. V(L) - Plan and train.	F	F	F	L
EW 1.3	Identify threat platforms communications and weapons signals sources. V(L) - Plan and train.	F	F	F	L
EW 1.5	Provide timely threat alert for actions involving EA, EP, EMCON, avoidance, deception, and targeting. V(L) - Plan and train.	F	F	F	L
EW 1.6	Conduct ES for self-defense. V(L) - Plan and train.	F	F	F	L
EW 1.10	Maintain and provide timely updates to the tactical electronic order of battle. V(L) - Plan and train.	F	F	F	L
EW 3	CONDUCT EP OPERATIONS.				
EW 3.7	Implement appropriate/directed electromagnetic/acoustic EMCON condition. V(L) - Plan and train.	F	F	F	L
EW 3.8	Transition rapidly from one EMCON condition to another. V(L) - Plan and train.	F	F	F	L
EW 3.9	Monitor own unit compliance with EMCON condition in effect. V(L) - Plan and train.	F	F	F	L
EW 3.13	Manage electromagnetic and acoustic and/or emissions to minimize mutual interference among friendly systems. V(L) - Plan and train.	F	F	F	L
EXPEDITIONARY WARFARE (EXW)					
EXW 1	CONDUCT WATERBORNE SECURITY OPERATIONS IN HARBORS, HARBOR APPROACHES, INSHORE, RIPARIAN, AND NEAR SHORE LITTORAL AREAS.				

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
EXW 1.1	<p>Ensure compliance with the naval vessel protective zone for ships in-port and at anchor.</p> <p>I, III(L) - Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 1.2	<p>Enforce security zones per with SOFAs and/or fleet commander' guidance for ships in port and at anchor.</p> <p>I, III(L) - Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 1.3	<p>Conduct inbound and outbound vessel escorts.</p> <p>I, III(L) - Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 1.4	<p>Embark and transport special detachment personnel (medical, civil affairs, surveillance teams) in support of fleet commander's guidance.</p> <p>Note: Space limited with MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
EXW 1.5	<p>Conduct patrols to counter waterborne threats as detailed by intelligence reports provided by higher authority.</p> <p>I, III(L) - Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 1.6	<p>Conduct harbor approach defense.</p> <p>I, III(L) - Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
EXW 1.8	<p>Provide transport and cover for VBSS level I and II teams.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting levels I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>I, III(L) - Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 1.10	<p>Conduct SAR operations.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 1.11	<p>Conduct waterborne security operations in support of a multi-unit task group, CSG, ESG, SAG, URG, or amphibious force (e.g., amphibious task unit, ATG, ATF) within assigned AO.</p> <p>I, III(L) - Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 2	CONDUCT LANDSIDE SECURITY OPERATIONS.				
EXW 2.8	<p>Provide TSC support to host nation security forces.</p> <p>V(L) - Sustainment of TSC support to host nation security forces may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements. Training capability enhanced with the embarkation of the irregular warfare enhancements to the SUW MP that include training support modules.</p>				L
EXW 4	CONDUCT EMBARKED SECURITY OPERATIONS.				

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
EXW 4.2	<p>Deploy security forces on other waterborne HVAs to include GOPLATs and other critical infrastructure areas.</p> <p>I,III(L/E) - Requires supplement from embarked SEALs or other SOF personnel/equipment. Only when no MP embarked. Low threat environment only.</p> <p>IV, V(L) - Plan and train.</p>	L/E	L/E	L	L
EXW 6	MAINTAIN EXPEDITIONARY COMMUNICATIONS CAPABILITY.				
EXW 6.2	<p>Maintain encrypted HF, VHF, UHF, and SHF voice and data communications.</p> <p>Note: The number of communications circuits that can be monitored simultaneously may be limited by equipment configuration and manning. This may especially be an issue if the ship is operating with a CSG or an ARG.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
EXW 6.3	<p>Establish voice communications with USMC evacuation and command nets, NSA, Air Force, Army, local law enforcement, and Homeland Defense nets.</p> <p>Note: The number of communications circuits that can be monitored simultaneously may be limited by equipment configuration and manning. This may especially be an issue if the ship is operating with a CSG or an ARG.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
EXW 6.5	Conduct OPSEC.	F	F	F	F
EXW 6.6	<p>Conduct EMCON as directed by higher authority.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 7	MAINTAIN EXPEDITIONARY SURVEILLANCE CAPABILITY.				

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
EXW 7.1	Maintain and operate expeditionary radar sensors. V(L) - Plan and train.	F	F	F	L
EXW 7.6	Maintain and operate expeditionary ESM sensors. V(L) - Plan and train.	F	F	F	L
EXW 7.7	Provide surveillance functions seaward during the AFOE re-supply and JLOTS operations. IV, V(L) - Plan and train.	F	F	L	L
EXW 7.8	Maintain an operations center capable of collecting, processing, displaying, evaluating and disseminating tactical information. IV, V(L) - Plan and train.	F	F	L	L
EXW 7.9	Conduct routine and PMS on expeditionary surveillance systems. IV, V(L) - The core crew performs PMS as assigned by the LCSRON Maintenance and Material Management System (3M) coordinator. The mission module crew is responsible for accomplishing mission module PMS with a periodicity of monthly or below, to include all situational checks required for the employment of mission module systems.			L	L
EXW 8 MAINTAIN AND OPERATE ROVS.					
EXW 8.5	Analyze, integrate, and disseminate ROV surveillance data. I, III(L) - Full capability with SUW MP embarked. IV, V(L) - Plan and train.	L	L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
EXW 8.7	<p>Conduct routine and PMS and ROV systems.</p> <p>IV, V(L) - The core crew performs PMS as assigned by the LCSRON 3M coordinator. The mission module crew is responsible for accomplishing mission module PMS with a periodicity of monthly or below, to include all situational checks required for the employment of mission module systems.</p>			L	L
EXW 10 CONDUCT C2 IN AN EXPEDITIONARY ENVIRONMENT.					
EXW 10.7	<p>Exercise C2 of maritime expeditionary security force units, when assigned.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 13 REPAIR OWN UNIT'S EXW EQUIPMENT.					
	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
EXW 14	CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S EXW CAPABILITIES	L	L/A	L/A	L
	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>V(L) - Plan and train.</p>				
FORCE HEALTH PROTECTION (FHP)					
FHP 23	PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.				
FHP 23.1	Conduct sick call.		F	F	F
FHP 23.5	Conduct sanitation and safety inspections.		F	F	F
FHP 23.6	Conduct occupational health/safety and preventive medicine programs and training using the following personnel: (a) Hospital corpsman.		F	F	F
FHP 23.9	Conduct associated administrative/maintenance services: (a) Maintain adequate medical supplies for appropriate level of health care. (d) Perform routine medical administrative services. III, IV, V(L) - LCSRON operations center provides administrative support.		F	F	F
FHP 23.10	Conduct on-site emergency medical treatment during hazardous evolutions including flight quarters, UNREP/refueling, and amphibious assault boat operations. Note: During general quarters, casualties are normally taken to the corpsmen in the battle dressing station.		F	F	F

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
FHP 23.17	Identify, equip, and maintain adequate storage spaces to provide medical care.	F	F	F	F
FHP 23.18	Identify, equip, and maintain adequate storage spaces for medical equipment and medical supplies.	F	F	F	F
FHP 23.19	Provide medical care, triage, and resuscitation commensurate with health care provider credentials using the following personnel: (a) IDC.	F	F	F	F
FHP 24 PROVIDE FIRST AID ASSISTANCE.					
FHP 24.1	Identify, equip, and maintain appropriate first aid spaces.	F	F	F	F
FHP 24.2	Train assigned and embarked personnel in first aid, self and buddy air procedures.		F	F	F
FHP 24.3	Train stretcher-bearers.		F	F	F
FHP 25 PROVIDE TRIAGE OF CASUALTIES/PATIENTS.					
FHP 25.1	Identify, equip, and maintain suitable triage spaces.	F	F	F	F
FHP 25.2	Train assigned and embarked personnel in triage care. Note: Medical personnel only.		F	F	F
FHP 25.4	Train designated non-medical personnel to assist in triage management care for CBR contamination casualties.		F	F	F
FHP 25.5	Train designated non-medical personnel to assist in CBR casualty decontamination procedures.		F	F	F
FHP 25.7	Provide medical treatment for CBR casualties. I, III, IV(L) - Limited by qualifications of IDC. V(L) - Plan and train	L	L	L	L
FHP 26 PROVIDE MEDICAL/SURGICAL TREATMENT FOR CASUALTIES/PATIENTS.					
FHP 26.1	Identify, equip, and maintain suitable resuscitation spaces.	F	F	F	F

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
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
FHP 26.5	Identify, equip, and maintain suitable spaces for emergency minor surgery.	F	F	F	F
FLEET SUPPORT OPERATIONS (FSO)					
FSO 5	CONDUCT TOWING/SEARCH/SALVAGE/RESCUE OPERATIONS.				
FSO 5.3	Conduct rescue operations. V(L) - Plan and train.	F	F	F	L
FSO 6	SUPPORT/CONDUCT SAR OPERATIONS IN A COMBAT/ NONCOMBAT ENVIRONMENT.				
FSO 6.1	Support/conduct combat/noncombat SAR operations by FW or RW aircraft. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L
FSO 6.2	Conduct combat/noncombat SAR operations by surface ships. Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details. V(L) - Plan and train.	F/E	F/E	F/E	L
FSO 6.4	Recover man overboard. Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details. V(L) - Plan and train.	F/E	F/E	F/E	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
FSO 6.6	Conduct SAR operations (including operations involving submarines disaster/rescues). Note: Search only. V(L) - Plan and train.	F	F	F	L
FSO 6.7	Conduct general surveillance. V(L) - Plan and train.	F	F	F	L
FSO 6.8	Acquire and display distress data.	F	F	F	F
FSO 6.9	Report situation assessment.	F	F	F	F
FSO 44	PROVIDE UNDERWAY TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS. I, III, IV(L) - Manning accommodations are severely limited on LCS underway. When MP and air detachment (AIRDET) are embarked, LCS has no space for embarking SELRES.	L	L	L	
FSO 45	PROVIDE INPORT TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS.				F
FSO 51	REPAIR OWN UNIT'S FSO-RELATED EQUIPMENT. Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST. I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks. III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.	L	L/A	L/A	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
FSO 55	MAINTAIN READINESS BY PROVIDING FOR TRAINING OF OWN UNIT'S PERSONNEL.		L	L	L
	III, IV, V - Minimum manning limits ability of crew to train its own personnel, especially underway.				
INTELLIGENCE (INT)					
INT 1	SUPPORT/CONDUCT INTELLIGENCE COLLECTION.				
INT 1.3	Support/conduct IMINT information collection at short and long range utilizing organic/non-organic, or assigned imagery sensors and onboard imagery processing systems.	F	F	L	L
	IV, V(L) - Plan and train.				
INT 1.4	Support/conduct infrared intelligence information collection.	F	F	L	L
	IV, V(L) - Plan and train.				
INT 2	PROVIDE INTELLIGENCE.				
INT 2.2	Evaluate and disseminate intelligence information.	F	F	F	L
	I, III, IV(L) - Manning limits full onboard evaluation of intelligence but can be done off board at LCSRON or other site with intelligence specialists assigned to support LCS.				
	V(L) - Plan and train.				
INT 3	CONDUCT INTELLIGENCE SURVEILLANCE AND RECCE.				
INT 3.1	Conduct covert/ clandestine surveillance and RECCE operations.	L	L	L	L
	I, III, IV(L) - Full capability requires embarked MP and UAV.				
	V(L) - Plan and train.				
INT 3.2	Plan, direct, coordinate, and conduct overt surveillance and RECCE operations.	L	L	L	L
	I, III, IV(L) - Full capability requires embarked MP and UAV.				
	V(L) - Plan and train.				

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
INT 3.3	Plan, direct, coordinate, and conduct clandestine surveillance and RECCE operations. I, III, IV (L) - Full capability requires embarked MP and UAV. V(L) - Plan and train.	L	L	L	L
INT 4	CONDUCT OCEAN SURVEILLANCE OPERATIONS AGAINST TARGETS OF INTEREST.				
INT 4.1	Detect and locate targets of interest. V(L) - Plan and train.	F	F	F	L
INT 4.2	Classify and identify targets of interest. Note: Surface and air objects only. V(L) - Plan and train.	F	F	F	L
INT 4.3	Track targets of interest. V(L) - Plan and train.	F	F	F	L
INT 6	CONDUCT SURFACE RECCE.				
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. I, III, IV(L) - No helo or VTUAV.	L	L	L	
INT 7	SUPPORT/CONDUCT AIRBORNE RECCE.				
	Note: Helo/UAV equipped.				
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. I, III, IV(L) - No helo or VTUAV.	L	L	L	
INT 7.6	Plan/direct airborne RECCE. V(L) - Plan and train.	F	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
INT 8	PROCESS INTELLIGENCE, SURVEILLANCE AND RECCE INFORMATION. I, III, IV(L) - Manning limits full onboard evaluation of intelligence but can be done off board at LCSRON or other site with intelligence specialists assigned to support LCS. V(L) - Plan and train.	L	L	L	L
INT 9	DISSEMINATE ISR INFORMATION. V(L) - Plan and train.	F	F	F	L
INT 9.1	Report and disseminate tactically significant intelligence information from missions gained with one or more of these intelligence sources. (a) Signals intelligence (comprised of electronic intelligence, communications intelligence, and foreign instrumentation signals. (b) IMINT. (c) Human Intelligence. (d) Measurement and signature intelligence. (e) Open source intelligence. V(L) - Plan and train.	F	F	F	L
INT 9.2	Disseminate intelligence information at the North Atlantic Treaty Organization secret level V(L) - Plan and train.	F	F	F	L
INT 9.3	Disseminate ISR information at a level releasable to coalition partners. V(L) - Plan and train.	F	F	F	L
INT 15	PROVIDE INTELLIGENCE SUPPORT FOR NEO.				

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
INT 15.1	<p>Provide intelligence support for NEO planners and NEO execution.</p> <p>I, III, IV(L) - Manning limits full onboard evaluation of intelligence but can be done off board at LCSRON or other site with intelligence specialists assigned to support LCS.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
INT 15.3	<p>Provide for debriefing of evacuees.</p> <p>I, III, IV(L) - Manning limits full onboard evaluation of intelligence but can be done off board at LCSRON or other site with intelligence specialists assigned to support LCS.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
INT 16 PROVIDE INTELLIGENCE SUPPORT FOR COUNTERNARCOTIC INTERDICTION.					
INT 16.1	<p>Collect and integrate intelligence in cooperation with other services and law enforcement agencies to conduct counternarcotic interdiction.</p> <p>I, III, IV(L) - No helo.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
INT 16.2	<p>Disseminate integrated all-source intelligence to counternarcotic elements.</p> <p>I, III, IV(L) - Manning limits full onboard evaluation of intelligence but can be done off board at LCSRON or other site with intelligence specialists assigned to support LCS.</p> <p>V(L) - Plan and train.</p>	F	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
INT 17 REPAIR OWN UNIT'S INTELLIGENCE-RELATED EQUIPMENT.	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance inport within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L
INT 19 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S INT CAPABILITIES.	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
INFORMATION OPERATIONS (IO)					
IO 4 PLAN AND IMPLEMENT OPSEC MEASURES.					
IO 4.11	Plan, coordinate and control implementation of OPSEC measures.	F	F	F	F
IO 4.12	Execute OPSEC measures.	F	F	F	F
IO 4.14	Plan, coordinate and control River City conditions.	F	F	F	F

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
IO 6	PLAN AND CONDUCT COUNTER-SURVEILLANCE, COUNTER-TARGETING AND MILDEC OPERATIONS.				
IO 6.7	Conduct naval operational deception operations using tactics, operations, exercises or physical means. V(L) - Plan and train.	F	F	F	L
IO 25	MILDEC				
IO 25.5	Execute military tactical deception operations using technical means (electronic, acoustic, visual and EO). V(L) - Plan and train.	F	F	F	L
LOGISTICS (LOG)					
LOG 2	TRANSFER/RECEIVE CARGO AND PERSONNEL.				
LOG 2.4	Transfer and receive personnel by helo. I, III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. V(L) - Plan and train.	L	L	L	L
LOG 3	PROVIDE SEALIFT FOR CARGO AND PERSONNEL.				
LOG 3.1	Provide stowage and berthing spaces for equipment and personnel during transit. I, III, IV(L) - Limited berthing and stowage available.	L	L	L	
LOG 3.2	Provide small boat services for transfer of personnel, cargo, weapons provisions and supplies. I, III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. V(L) - Plan and train.	L	L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
LOG 3.4	Plan/direct sealift for cargo and personnel. Coordinate with logistics coordinator. Note: To include conducting load/discharge of mission modules and crews from MSC, commercial or Navy ships/facilities either instream or pierside.			F	F
LOG 4	SUPPORT SHIPS AND AIRCRAFT IN SUPPLIES, ORDNANCE AND OTHER SERVICES.				
LOG 4.4	Provide another unit with: (b) Electrical power. (e) Fresh water. (i) Compressed air. III, IV, V(L) - Emergency only. Limited to ships/craft of similar size or smaller.		L	L	L
MOBILITY (MOB)					
MOB 1	OPERATE SHIP'S PROPULSION PLANT TO DESIGNED CAPABILITY.				
MOB 1.1	Operate ship's propulsion plant at full power.	F	F	F	
MOB 1.2	Operate ship's propulsion plant with split plant operations.	F	F	F	
MOB 1.6	Maintain necessary machinery redundancy to enhance survival in high threat areas.	F	F	F	F
MOB 3	PREVENT AND CONTROL DAMAGE.				
MOB 3.1	Control fire, flooding, electrical, structural, propulsion and hull/airframe casualties. III, IV(F/A) - At sea fast reaction team manned by off-watch personnel. V(L/E) - Duty in port emergency party requires assistance from shore fire department.	F	F/A	F/A	L/E

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
MOB 3.2	Counter and control CBR contaminants/agents. Note: At sea fast reaction team manned by off-watch personnel. III, IV(F/A) - At sea fast reaction team manned by off-watch personnel. V(L) - Plan and train.	F	F/A	F/A	L
MOB 3.3	Maintain security against unfriendly acts. Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop the inport security plan. LCSRON oversees AT/FP training. V(F/E) - Ships may require augmentation for any FPCON above Alpha. LCS is not capable of providing AT/FP picket boat.	F	F	F	F/E
MOB 3.5	Provide damage control security/surveillance.	F	F	F	F
MOB 3.8	Provide emergency breathing devices per ship's allowance.	F	F	F	F
MOB 5	MANEUVER IN FORMATION. V(L) - Plan and train.	F	F	F	L
MOB 7	PERFORM SEAMANSHIP, AIRMANSHIP, AND NAVIGATION TASKS.				
MOB 7.1	Navigate under all conditions of geographic location, weather and visibility. V(L) - Plan and train.	F	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
MOB 7.2	<p>Conduct precision anchoring.</p> <p>I, III, IV(L) - To achieve full capability designated personnel must stand down from their repair party stations to man the anchor handling equipment or may require augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
MOB 7.3	<p>Get underway, moor, anchor, and sortie with duty section in a safe manner.</p> <p>V(L) - Deployed duty section fully capable. Not deployed, recall of personnel required.</p> <p>V(L) - Plan and train.</p>				L
MOB 7.6	<p>Abandon/scuttle ship rapidly.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
MOB 7.7	<p>Provide life boat/raft capacity per unit's allowance.</p>	F	F	F	F
MOB 7.8	<p>Tow or be towed (towing engine not required).</p> <p>Note: Be towed only.</p> <p>I(L) - May require temporarily securing personnel from other battle stations.</p> <p>III, IV, V(L) - Deployed duty section fully capable. Not deployed, recall of personnel required.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
MOB 7.9	<p>Operate day and night and under all weather conditions.</p>	F	F	F	F
MOB 7.16	<p>Recover man overboard (shipboard, boat or helo).</p> <p>Note: May require standing down selected personnel from their condition I stations.</p> <p>V(L) - Plan and train.</p>	F/A	F/A	F/A	L
MOB 10 REPLENISH AT SEA.					

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
MOB 10.1	<p>Receive vertical replenishment.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>		L	L	L
MOB 10.2	<p>Receive fuel while underway (alongside method).</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>		L	L	L
MOB 10.4	<p>Receive potable and/or feed water while underway.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>		L	L	L
MOB 10.5	<p>Receive COD/VOD aircraft.</p> <p>Note: VOD only.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>		L	L	L
MOB 12	MAINTAIN THE HEALTH AND WELL-BEING OF THE CREW.				
MOB 12.1	<p>Ensure all phases of food service operations are conducted consistent with approved sanitary procedures and standards.</p> <p>I(L) - Battle messing will require securing certain personnel from condition I stations at commanding officer's discretion.</p>	L	F	F	F

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
MOB 12.2	Ensure the operation of the potable water system in a manner consistent with approved sanitary procedures and standards.	F	F	F	F
MOB 12.3	Monitor and/or maintain the environment to ensure the protection of personnel from over exposure to hazardous levels of radiation, temperature, noise, vibration, and toxic substances per current instructions.		F	F	F
MOB 12.4	Maintain closed atmosphere within prescribed specifications.		F	F	F
MOB 12.5	Monitor the health and well-being of the crew to ensure that habitability is consistent with approved habitability procedures and standards.		F	F	F
MOB 12.6	Ensure the operation and maintenance of all phases of shipboard environmental protection systems do not create a health hazard and are consistent with other naval directives pertaining to the prevention of pollution of the environment.		F	F	F
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect shipboard personnel identified being at risk in a CBR-contaminated environment.	F	F	F	F
MOB 12.12	Provide antidotes to ship's company, which will counteract the effects caused by a CBR-contaminated environment.	F	F	F	F
MOB 12.13	Train designated medical supervisors and non-medical personnel to detect CBR-contaminated casualties.		F	F	F
MOB 12.14	Train designated non-medical personnel to decontaminate CBR casualties.		F	F	F
MOB 12.15	Identify, supply, and maintain decontamination stations.	F	F	F	F

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
MOB 17 PERFORM ORGANIZATIONAL LEVEL REPAIRS TO OWN UNIT'S MOB EQUIPMENT.	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Emergency repairs to equipment critical to ship's mission.</p> <p>III, IV(L/A) - Man watch stations sufficient to counter emergent minor degradations or casualties.</p>	L	L/A	L/A	L
MOB 18 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MOB CAPABILITIES.	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
MISSIONS OF STATE (MOS)					
MOS 1 PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.					
MOS 1.1	Establish a sovereign mobile sea base in a forward area.	F	F	F	F
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
MOS 1.5	Conduct force/unit tours for foreign citizens during port calls.				L
	V(L) - Sustainment of general visiting is limited due to competing demands for				

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
	manpower for maintenance, community relations projects, shore patrol, AT/FP, and other in port manpower requirements.				
MOS 1.6	Conduct receptions for foreign dignitaries during port calls. V(L) - Reception support is limited due to crew size. Requires planning, coordination and possibly augmentation from outside organization.				L
MOS 1.7	Provide volunteers for small project assistance during port calls. V(L) - Ability to support community relations and other in port projects limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				L
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. V(L) - Ability to provide participants for foreign/allied commemorative or ceremonial events limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				L
MOS 1.11	Provide lift of opportunity for foreign or national diplomatic material. III, IV, V(L) - Small quantities that do not interfere with the regular combat capabilities or logistics load. Space is very limited when an MP is embarked.		L	L	L
MOS 2	PROVIDE HUMANITARIAN ASSISTANCE.				
MOS 2.1	Deliver relief material. III, IV, V(L) - Small quantities that do not interfere with the regular combat capabilities or logistics load. Space		L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
	is very limited when an MP is embarked.				
MOS 2.2	Provide emergency flooding/firefighting assistance. I, III(L) - May require securing personnel from other battle stations. IV, V - Plan and train.	L	L	L	L
MOS 2.4	Provide disaster assistance and evacuation. Note: Space is very limited when an MP is embarked.		F	F	F
MOS 2.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.				F/E
MOS 2.10	Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis. Note: Space is very limited when an MP is embarked.		F	F	F
MOS 2.11	Support/conduct helo/boat evacuation of noncombatant personnel as directed by higher authority from areas of civil or international crisis.		F	F	F
MOS 2.12	Provide for embarkation, identification, and processing of evacuees.		F	F	F
MOS 2.13	Provide care, feeding, and berthing of evacuees. III, IV, V(L) - No berthing and limited provisions available.		L	L	L
MOS 2.14	Provide transportation for evacuees to designated safe havens or onward processing centers.		F	F	F
MOS 3	PERFORM PEACEKEEPING.				
MOS 3.1	Provide C2 for a joint/allied peacekeeping force. I, III(L) - Embarked staff detachments share facilities with ship's company. Full, simultaneous composite warfare capabilities may be degraded.	L	L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
	IV, V(L) - Plan and train.				
MOS 3.3	Provide direct participation in a joint/allied peacekeeping force within a foreign country/region.	F	F	L	L
	IV, V(L) - Plan and train.				
MOS 4	PERFORM INTERDICTION.				
MOS 4.2	Conduct quarantine operations.	F	F	L	L
	IV, V(L) - Plan and train.				
MOS 4.3	Enforce sanction enforcement operations.	F	F	L	L
	IV, V(L) - Plan and train.				
MOS 8	PROVIDE AT ASSISTANCE.				
MOS 8.1	Ensure that the physical security of important persons, facilities, and events meet acceptable standards.		F	F	F
MOS 8.2	Provide training and advice on how to reduce vulnerability to terrorism and other threats, particularly in the maritime environment.		L	L	L
	III, IV, V(L) - Full capability with embarkation of the irregular warfare enhancements to the SUW MP that include training support module.				
MOS 14	SUPPORT CMO/CAO THROUGHOUT ALL PHASES OF CONFLICT.				
MOS 14.4	Assess/facilitate/support disaster relief support operations.			L	L
	Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support modules.				
	IV, V(L) - Support may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				
MOS 14.5	Assess/facilitate/support humanitarian and civic assistance operations.			L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
	<p>Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support modules.</p> <p>IV, V(L) - Support may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.</p>				
MOS 16 FHA					
MOS 16.2	<p>Conduct disaster relief support operations.</p> <p>Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support modules.</p> <p>IV, V(L) - Support may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.</p>			L	L
MOS 16.5	<p>Conduct humanitarian and civic assistance operations.</p> <p>Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support.</p> <p>IV, V(L) - Support may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.</p>			L	L
NONCOMBAT OPERATIONS (NCO)					
NCO 2 PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.					
NCO 2.1	<p>Provide supply support services.</p> <p>Note: The LST acts as an extension of the supply department, performing many of the traditional supply functions for the crews through distance support.</p> <p>I(L) - Provide emergency supply services</p>	L	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
	only. V(L) - 80 percent capability due to administrative and supply located ashore. No supply officer in crew; supply department consists of one logistics specialist chief and three culinary specialists.				
NCO 2.2	Provide clerical services. III, IV, V(L) - No clerical ratings on board. Shore support required from LCSRON.		L	L	L
NCO 2.5	Provide messing facilities. Note: When in homeport, shore galleys and other means will support feeding of crew. Otherwise, messing will be provided on board. I(L) - Battle messing requires securing certain personnel from condition I stations at commanding officer's discretion.	L	F	F	F
NCO 2.6	Provide ships service facilities. III, IV, V(L) - Limited facilities, including self-service laundry, no ship's store, etc.		L	L	L
NCO 2.7	Provide inventory and custodial services. III, IV, V(L) - Most logistics and administrative services are provided via distance support by the LCSRON. FM provided by shore maintenance provider.		L	L	L
NCO 2.8	Provide personnel for living space maintenance. V(L) - FM provided by shore maintenance provider.		F	F	L
NCO 3	PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.				
NCO 3.1	Provide organizational level preventive maintenance. Note: In conditions III and IV, preventive maintenance performed per LCS		L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
	<p>tailored requirements. Due to minimal manning of LCS, deferred preventive maintenance is supported by shore support activity.</p> <p>III, IV, V(L) - Crew limited in ability to perform PM as directed by LCSRON.</p>				
NCO 3.2	<p>Provide organizational level CM.</p> <p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Emergency repairs to equipment critical to ship's mission.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p>	L	L/A	L/A	L
NCO 3.3	Provide small arms storage area.	F	F	F	F
NCO 3.4	<p>Maintain preservation and cleanliness of topside and internal spaces.</p> <p>III, IV, V(L)- Reduced preservation and cleaning while Outside the Continental United States due to crew size. Extended deployments may require contractual assistance during port visits.</p>		L	L	L
NCO 3.5	<p>Provide for proper storage, handling, use and transfer of hazardous materials.</p> <p>I(L) - May require standing down selected personnel from their condition I stations.</p>	L	F	F	F
NCO 5	CONDUCT METEOROLOGICAL, HYDROGRAPHIC AND/OR BATHYMETRIC COLLECTION OPERATIONS OR SURVEYS.				
NCO 5.1	Collect and disseminate meteorological information.	F	F	F	
NCO 5.2	<p>Collect and disseminate hydrographic information.</p> <p>Note: Depth only.</p>	F	F	F	

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NCO 8	SERVE AS A PLATFORM FOR OPERATIONAL TEST AND EVALUATION OF SYSTEMS, EQUIPMENT, AND TACTICS.				
NCO 8.1	Provide technical assistance for installed test and evaluation equipment.		F	F	F
NCO 8.2	Perform the test and evaluation functions set forth in the appropriate test plans. III(L/A) - As long as primary mission areas are not degraded.		L/A	F	F
NCO 8.3	Perform the evaluation functions set forth in appropriate TACMEMOs.		F	F	F
NCO 10	PROVIDE EMERGENCY/DISASTER ASSISTANCE.				
NCO 10.1	Provide emergency flooding/firefighting assistance to another unit. I, III(L/E) - Requires securing personnel from other battle stations. IV, V(L/E) - Plan and train.	L	L	L	L
NCO 10.4	Provide disaster assistance and evacuation. Note: Space is very limited when an MP is embarked.		F	F	F
NCO 10.5	Clear and repair utilities and facilities damaged by natural disaster, fire and civil disturbance; decontaminate CBR effects.				F/E
NCO 11	SUPPORT/PROVIDE FOR THE EVACUATION OF NONCOMBATANT PERSONNEL IN AREAS OF CIVIL OR INTERNATIONAL CRISIS.				
NCO 11.1	Support/conduct helo/boat evacuation of noncombatant personnel as directed by higher authority from areas of civil or international crisis. Note: Space is very limited when an MP is embarked.		F	F	F
NCO 11.2	Provide for embarkation, identification and processing of evacuees.		F	F	F
NCO 11.3	Provide care, feeding and berthing of evacuees.		L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
	Note: Space is very limited when an MP is embarked. III, IV, V(L) - No berthing and limited provisions available.				
NCO 11.4	Provide transportation for evacuees to designated safe havens or onward processing centers. Note: Space is very limited when an MP is embarked.		F	F	F
NCO 19 CONDUCT MARITIME LAW ENFORCEMENT OPERATIONS.					
NCO 19.1	Detect and identify non-combatant vessels. V(L) - Plan and train.	F	F	F	L
NCO 19.3	Provide assistance to other law enforcement forces. Note: Capability is enhanced with embarked SUW MP. V(L) - Plan and train.	F	F	F	L
NCO 19.4	Provide surveillance and protection of maritime resources. V(L) - Plan and train.	F	F	F	L
NCO 19.13	Support enforcement of fisheries law and treaties. V(L) - Plan and train.	F	F	F	L
NCO 19.14	Support enforcement of offshore mining and gas/oil drilling laws. V(L) - Plan and train.	F	F	F	L
NCO 19.15	Support drug traffic suppression and interdiction operations. V(L) - Plan and train.	F	F	F	L
NCO 19.16	Support illegal entry suppression operations. V(L) - Plan and train.	F	F	F	L
NCO 24 SUPPORT/CONDUCT RW AIRCRAFT OPERATIONS.					

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NCO 24.1	<p>Support/conduct day RW aircraft flight operations.</p> <p>Note: Capability is enhanced with embarked SUW MP.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>		L	L	L
NCO 24.2	<p>Support/conduct night RW aircraft flight operations.</p> <p>Note: Capability is enhanced with embarked SUW MP.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>		L	L	L
NCO 24.3	<p>Support/conduct RW aircraft flight operations during all EMCON conditions.</p> <p>Note: Capability is enhanced with embarked SUW MP.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>		L	L	L
NCO 24.4	<p>Support/conduct RW aircraft hot and cold refueling operations.</p> <p>Note: Capability is enhanced with embarked SUW MP.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>		L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NCO 24.5	Provide electrical power for RW aircraft starting, testing, etc. Note: Capability is enhanced with embarked SUW MP. III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. V(L) - Plan and train.		L	L	L
NCO 24.6	Provide ground handling equipment for loading and spotting RW aircraft. Note: Capability is enhanced with embarked SUW MP. III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. V(L) - Plan and train.		L	L	L
NCO 25 CONDUCT MARINE ENVIRONMENTAL PROTECTION.					
NCO 25.1	Detect oil or hazardous chemical spill.	F	F	F	F
NCO 25.2	Report spills to proper authority.	F	F	F	F
NCO 25.3	Conduct pollution abatement operations. V(L) - Plan and train.	F	F	F	L
NCO 32 CONDUCT COUNTERNARCOTIC AND OTHER LAW ENFORCEMENT SUPPORT OPERATIONS IN CONJUNCTION WITH OTHER FORCES.					
NCO 32.1	Conduct/support operations with Coast Guard units. Note: Capability is enhanced with embarked SUW MP. V(L) - Plan and train.	F	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NCO 32.2	Conduct/support operations with other Federal law enforcement agencies. Note: Capability is enhanced with embarked SUW MP. V(L) - Plan and train.	F	F	F	L
NCO 32.4	Conduct operations with other national governments. Note: Capability is enhanced with embarked SUW MP. V(L) - Plan and train.	F	F	F	L
NCO 33 SUPPORT/PROVIDE COUNTERNARCOTIC AND OTHER LAW ENFORCEMENT SUPPORT PATROL OF A FIXED GEOGRAPHIC AREA.					
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
NCO 34 IN SUPPORT OF COUNTERNARCOTIC AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT AND MONITOR SUSPECT SURFACE CONTACTS.					
NCO 34.1	Detect and monitor surface contacts with radar. V(L) - Plan and train.	F	F	F	L
NCO 34.2	Detect and monitor surface contacts visually. V(L) - Plan and train.	F	F	F	L
NCO 34.3	Detect and monitor surface contacts with infrared equipment. V(L) - Plan and train.	F	F	F	L
NCO 34.4	Detect and monitor surface contacts with electronic surveillance methods. V(L) - Plan and train.	F	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NCO 36	IN SUPPORT OF COUNTERNARCOTIC AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT, AND MONITOR SUSPECT AIR CONTACTS.				
NCO 36.1	Detect and monitor air contacts with radar. V(L) - Plan and train.	F	F	F	L
NCO 36.2	Detect and monitor air contacts visually. V(L) - Plan and train.	F	F	F	L
NCO 36.3	Detect and monitor air contacts by electronic surveillance measures. V(L) - Plan and train.	F	F	F	L
NCO 37	EMBARK AND SUPPORT LEDETS. I, III, IV, V(L) - Highly constrained berthing and hotel services.	L	L	L	L
NCO 38	RECEIVE, DISPLAY, AND MAINTAIN COUNTERNARCOTIC INTELLIGENCE DATA. V(L) - Plan and train.	F	F	F	L
NCO 45	PROVIDE AT/FP DEFENSE.				
NCO 45.1	Assimilate and disseminate intelligence on terrorist activities directed at Navy installations, ships, and personnel. Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training. Capability is enhanced with embarked SUW MP.	F	F	F	F
NCO 45.2	Request and/or provide a threat assessment. Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training. Capability is enhanced with embarked SUW MP.	F	F	F	F

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NCO 45.3	<p>Declare general warnings of possible THREATCON.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p>	F	F	F	F
NCO 45.4	<p>Anticipate and provide defenses against terrorist activities directed at ships, installations, facilities and personnel:</p> <p>(a) Include provisions for barriers, access control, surveillance, intruder detection, and ESS.</p> <p>(b) Train and exercise the unit's AT response force to include tactical room/space entry.</p> <p>(c) Implement local FPCON measures.</p> <p>(d) Implement unit terrorist incident response plan.</p> <p>(e) Operate ESS.</p> <p>(f) Operate duress systems.</p> <p>(g) Train and exercise designated marksman for defense of HVA, boat crews and security personnel.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>V(F/E) - Ships may require augmentation for any FPCON above Alpha. LCS is not capable of providing an AT/FP picket boat.</p>				F/E

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NCO 45.5	<p>Conduct screening of non-assigned personnel and materials entering the unit or facility using:</p> <p>(a) Logical means (validation of identification, documentation, personal recognition, etc.).</p> <p>(b) Physical means (searches, metal detection, explosive detection, etc.).</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>V(F/E) - Ships may require augmentation for any FPCON above Alpha. LCS is not capable of providing an AT/FP picket boat.</p>				F/E
NCO 45.6	<p>Provide waterside barriers/patrols during port calls and anchorage.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>V(F/E) - Ships may require augmentation for any FPCON above Alpha. LCS is not capable of providing an AT/FP picket boat.</p>				F/E
NCO 45.7	<p>Determine, maintain and enforce port, harbor, and anchorage limited access areas.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p> <p>V(F/E) - Ships may require augmentation for any FPCON above Alpha. LCS is not capable of providing an AT/FP picket boat.</p>				F/E

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NCO 45.8	<p>Conduct surveillance and interdiction operations of swimmers/swimmer delivery vehicles.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training. Capability is enhanced with embarked SUW MP.</p> <p>V(F/E) - Ships may require augmentation for any FPCON above Alpha. LCS is not capable of providing an AT/FP picket boat.</p>				F/E
NCO 45.9	<p>Provide AT information and voluntary training to dependents visiting units in foreign ports/locations.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training.</p>				F
NCO 45.10	<p>Publish/disseminate AT defense instructions that include provisions for appropriate perimeter barriers, access control, surveillance and intruder detection, AT response force including a crisis action team, and evacuation.</p>				F
NCO 45.11	<p>Conduct hostage survival and code of conduct training.</p>		F	F	F
NCO 45.12	<p>Direct, conduct, and assess unit AT exercises consistent with potential and/or actual threat environment.</p>		F	F	F
NAVAL SPECIAL WARFARE (NSW)					
NSW 4 CONDUCT COMBATANT CRAFT OPERATIONS.					
NSW 4.1	<p>Support/conduct RECCE, surveillance, and other intelligence gathering in support of special operations.</p> <p>V(L) - Plan and train.</p>	F	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NSW 4.2	<p>Deliver, support and recover elements of SEAL and SDV teams.</p> <p>Note: Also elements of LEDET or NSCT-1 detachment. Unable to fully support SEAL and SDV teams when MPs are embarked. Limited space/weight available.</p> <p>I, III, IV(F/E) - Only when MP not embarked.</p> <p>V(L) - Plan and train.</p>	F/E	F/E	F/E	L
NSW 4.3	<p>Conduct surveillance and interdiction of enemy coastal shipping.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
NSW 4.4	<p>Conduct limited riverine warfare operations.</p> <p>Note: Augment navigation team as required.</p> <p>V(L) - Plan and train.</p>	F	F/A	F/A	L
NSW 5	CONDUCT UNCONVENTIONAL WARFARE OPERATIONS.				
NSW 5.2	<p>Clandestinely or covertly infil/exfil equipment, operators, agents, evaders, and escapees into/from contested or denied coastal zones.</p> <p>I, III, IV(L) - Low threat environment.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
NSW 7	SUPPORT RAIDING PARTIES.				
NSW 7.2	<p>Provide logistic support, facilities, and mobility for special forces (landing force RECCE units, or SOF).</p> <p>V(L) - Plan and train.</p>	F	F	F	L
NSW 8	CONDUCT CLANDESTINE INFIL/EXFIL OF PERSONNEL AND EQUIPMENT.				

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NSW 8.5	<p>Conduct infil/exfil by organic or indigenous small craft.</p> <p>Note: Enhanced capability with SUW MP embarked.</p> <p>I, III(L/E) - Requires supplement from embarked SEALs or other SOF personnel/equipment.</p> <p>IV, V(L) - Plan and train.</p>	L/E	L/E	L	L
NSW 11 PROVIDE TRAINING AND SUPPORT FOR THE EMPLOYMENT OF SOF IN INTEGRATED STW.	<p>Note: Enhanced capability with SUW MP embarked.</p>	F	F	F	F
NSW 12 CONDUCT LIMITED LOCAL SECURITY DEFENSIVE COMBAT OPERATIONS.	<p>Note: Enhanced capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
NSW 14 REPAIR OWN UNIT'S NSW EQUIPMENT.	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by shore support organization. Enhanced capability with SUW MP embarked.</p> <p>I,V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
NSW 15 CONDUCT ANTI-SWIMMER DEFENSE.					
NSW 15.1	<p>Plan/direct anti-swimmer defense in a geographic area.</p> <p>Note: Enhanced capability with SUW MP embarked.</p> <p>V(F/E) - Ships may require augmentations for any FPCON above Alpha. LCS is not capable of providing an AT/FP picket boat.</p>		F	F	F/E
NSW 15.2	<p>Conduct surveillance of swimmers/SDVs.</p> <p>Note: Enhanced capability with SUW MP embarked.</p> <p>V(F/E) - Ships may require augmentations for any FPCON above Alpha. LCS is not capable of providing an AT/FP picket boat.</p>	F	F	F	F/E
NSW 15.3	<p>Conduct interdiction operations of swimmer/SDVs.</p> <p>Note: LCSRON works with crews to identify requirements, disseminate intelligence, develop threat assessments, and develop inport security plan. LCSRON oversees AT/FP training. Enhanced capability with SUW MP embarked.</p> <p>V(F/E) - Ships may require augmentations for any FPCON above Alpha. LCS is not capable of providing an AT/FP picket boat.</p>				F/E
SURFACE WARFARE (SUW)					
<p>Note: Full SUW capabilities are provided when configured with the SUW mission MP.</p>					
SUW 1 USING ANTI-SURFACE ARMAMENT ENGAGE SURFACE THREATS.					
<p>Note: Engagement confined to small craft in the littorals, FAC and FIAC.</p>					

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
SUW 1.5	Engage surface ships with intermediate caliber gunfire (i.e., 3"/75, 76mm). Note: Applies to 57mm gun. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L
SUW 1.6	Engage surface ships with minor caliber gunfire (i.e., 25mm, 20mm, .50 cal). Note: Applies to .50 cal for core seaframe and 30mm for SUW MP. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L
SUW 1.9	Engage surface ships with small arms gunfire. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L
SUW 1.10	Conduct close-in surface self-defense using crew operated machine guns (i.e., 25mm, 20mm, .50 cal, .30 cal). Note: Applies to .50 cal for core seaframe and 30mm for SUW MP. I(L) - For .50 cal, requires securing personnel from other condition stations. I, III(L) - Requires temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
SUW 1.13	Engage surface ships with conventional air-to-surface ordnance. Note: Helo/VTUAV weapons. I, III(L) - Full capability with MP embarked. May require temporarily securing personnel from other conditions. IV, V(L) - Plan and train.	L	L	L	L
SUW 2 ENGAGE SURFACE TARGETS IN COOPERATION WITH OTHER FORCES.					
SUW 2.1	Conduct SUW as a member of an SG, SAG, URG, or amphibious force (e.g., CSG, ESG, SSG, amphibious task unit, ATG, ATF). IV, V(L) - Plan and train.	F	F	L	L
SUW 2.2	Conduct SUW to support surface forces. IV, V(L) - Plan and train.	F	F	L	L
SUW 2.3	Engage surface targets within assigned anti-surface sector. IV, V(L) - Plan and train.	F	F	L	L
SUW 2.4	Operate in coordination with land and sea based air forces in conducting long-range surface actions. I, III(L) - Full capability with MP embarked. IV, V(L) - Plan and train.	L	L	L	L
SUW 3 PROVIDE SUW DEFENSE OF A GEOGRAPHICAL AREA (E.G., ASSIGNED AO, BARRIER) INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.					
SUW 3.1	Provide SUW defense of a geographical area. Note: Confined to the littoral/coastal areas only. IV, V(L) - Plan and train.	F	F	L	L
SUW 4 DETECT, IDENTIFY, LOCALIZE, AND TRACK SURFACE SHIP TARGETS.					

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
SUW 4.1	Detect, localize, and track surface contacts with radar. I, III, IV(F) - Assumes embarkation of helo with radar (e.g., MH-60R). V(L) - Plan and train.	F	F	F	L
SUW 4.4	Detect, identify, classify, and track surface contacts visually. Note: Helo/UAV/USV equipped (EO sensor). V(L) - Plan and train.	F	F	F	L
SUW 4.5	Detect, identify, and track surface contacts with infrared equipment. Note: Helo/UAV/USV equipped. V(L) - Plan and train.	F	F	F	L
SUW 4.6	Detect, identify, classify, and track surface contacts by ESM. V(L) - Plan and train.	F	F	F	L
SUW 4.7	Identify surface contacts. V(L) - Plan and train.	F	F	F	L
SUW 4.13	Detect, identify, and track surface contacts with night vision goggles. V(L) - Plan and train.	F	F	F	L
SUW 6 DISENGAGE, EVADE, AND AVOID SURFACE ATTACK.					
SUW 6.1	Employ countermeasures. (a) Lighting configuration. (b) Hull markings. (c) RGES. V(L) - Plan and train.	F	F	F	L
SUW 6.2	Employ evasion techniques. V(L) - Plan and train.	F	F	F	L
SUW 6.3	Employ EMCON procedures. V(L) - Plan and train.	F	F	F	L

LCS CLASS SHIPS WITH CORE CREW ONLY		I	III	IV	V
SUW 8	PROVIDE AIR OPERATIONS TO SUPPORT SURFACE ATTACKS.				
	Note: Applies to UAV and helo operations. Air controllers are provided with embarked MPs.				
SUW 8.1	Launch FW and/or RW aircraft. I(L) - May require temporarily securing personnel from other conditions. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L/A	L	L
SUW 8.2	Recover FW and/or RW aircraft. I(L) - May require temporarily securing personnel from other conditions. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L/A	L	L
SUW 13	CONDUCT PRE-ATTACK DECEPTION IN SUPPORT OF SUW OPERATIONS.				
SUW 13.1	Perform pre-attack deception in support of SUW operations. IV, V(L) - Plan and train.	F	F	L	L
SUW 13.2	Plan/direct pre-attack deception in support of SUW operations. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS SHIPS WITH CORE CREW ONLY	I	III	IV	V
<p>SUW 14 REPAIR OWN UNIT'S SUW EQUIPMENT.</p> <p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During conditions III and IV with SUW MP embarked, full capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L
<p>SUW 16 PERFORM SUW BDA.</p>				
<p>SUW 16.1 Perform SUW BDA.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
<p>SUW 17 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S SUW CAPABILITIES.</p> <p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>V(L) - Plan and train.</p>	L	L	L	L

REQUIRED OPERATIONAL CAPABILITIES (ROC)
FOR
LITTORAL COMBAT SHIP (LCS) CLASS SHIPS
WITH ANTISUBMARINE WARFARE (ASW) MISSION PACKAGE (MP)

LCS CLASS WITH ASW MP		I	III	IV	V
ANTISUBMARINE WARFARE (ASW)					
ASW 1	PROVIDE ASW DEFENSE FOR SURFACE FORCES, GROUPS, AND UNITS.				
ASW 1.1	Defend a convoy (military or mercantile). IV, V(L) - Plan and train.	F	F	L	L
ASW 1.2	Defend an SG or TF. IV, V(L) - Plan and train.	F	F	L	L
ASW 1.3	Defend amphibious forces or an URG. IV, V(L) - Plan and train.	F	F	L	L
ASW 1.5	Operate in associated support of surface forces. (d) Picket. (e) Choke point patrol. (f) Barrier patrol. IV, V(L) - Plan and train.	F	F	L	L
ASW 1.6	Operate independently as a SAU. IV, V(L) - Plan and train.	F	F	L	L
ASW 2	PROVIDE ASW DEFENSE OF A GEOGRAPHIC AREA.				
ASW 2.1	Operate as an open ocean or choke point ASW search/barrier unit. IV, V(L) - Plan and train.	F	F	L	L
ASW 2.2	Operate as an inshore harbor defense ASW barrier unit. IV, V(L) - Plan and train.	F	F	L	L
ASW 2.3	Operate as an AO ASW defense barrier unit. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS WITH ASW MP		I	III	IV	V
ASW 2.4	Defend a group or groups operating in a fixed geographic area (e.g., assigned AO). IV, V(L) - Plan and train.	F	F	L	L
ASW 2.5	Sanitize an area of threat submarines in preparation of use by a surface force. IV, V(L) - Plan and train.	F	F	L	L
ASW 2.8	Operate as a littoral water ASW barrier. IV, V(L) - Plan and train.	F	F	L	L
ASW 2.9	Conduct shallow water ASW operations (less than 100 fathoms). IV, V(L) - Plan and train.	F	F	L	L
ASW 3 CONDUCT INDEPENDENT ASW OPERATIONS.					
ASW 3.1	Support/conduct area search and destroy operations. IV, V(L) - Plan and train.	F	F	L	L
ASW 3.2	Support/conduct vectored intercept operations. IV, V(L) - Plan and train.	F	F	L	L
ASW 3.4	Plan/direct independent ASW operations. IV, V(L) - Plan and train.	F	F	L	L
ASW 4 CONDUCT AIRBORNE ANTISUBMARINE OPERATIONS.					
ASW 4.1	Conduct day and night, all-weather, airborne antisubmarine cyclic operations. IV, V(L) - Plan and train.	F	F	L	L
ASW 4.3	Provide information to surface units using data link. IV, V(L) - Plan and train.	F	F	L	L
ASW 4.4	Provide information to other ASW aircraft using data link. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS WITH ASW MP		I	III	IV	V
ASW 4.7	Plan/direct airborne antisubmarine operations. IV, V(L) - Plan and train.	F	F	L	L
ASW 5	PROVIDE FOR AIR OPERATIONS IN SUPPORT OF AIRBORNE ANTISUBMARINE OPERATIONS. Note: Applies to UAV and helo operations.				
ASW 5.1	Launch FW aircraft and/or RW aircraft. I(L) - May require temporarily securing personnel from other battle stations. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L/A	L	L
ASW 5.2	Recover FW aircraft and/or RW aircraft. I(L) - May require temporarily securing personnel from other battle stations. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L/A	L	L
ASW 5.4	Provide conventional ordnance within required aircraft turnaround times. I(L) - May require temporarily securing personnel from other battle stations. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L/A	L	L
ASW 5.6	Conduct operations during all EMCON conditions. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS WITH ASW MP		I	III	IV	V
ASW 5.7	Load/unload ordnance within required aircraft turnaround times. I(L) - May require temporarily securing personnel from other battle stations. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L/A	L	L
ASW 5.8	Control aircraft under all conditions of active jamming. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L/A	L	L
ASW 5.13	Render safe hazardous explosive ordnance during flight operations and ordnance loading/unloading evolutions. I(L) - May require temporarily securing personnel from other battle stations. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L/A	L	L
ASW 5.14	Conduct precision radar controlled approaches for embarked/controlled FW aircraft or helos under all weather conditions. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L
ASW 6	ENGAGE SUBMARINES INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.				
ASW 6.1	Operate as a member of a multi-ship SAU. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.2	Operate as a member of a combined surface and aviation SAU. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS WITH ASW MP		I	III	IV	V
ASW 6.4	Detect, localize, and track subsurface contacts with active sonar. Note: Helo/USV equipped. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.5	Detect, localize, classify, and track subsurface contacts with passive sonar. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.6	Detect, localize and track subsurface contacts with active sonobuoys. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.7	Detect, localize, classify, and track subsurface contacts with passive sonobuoys. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.8	Detect, localize, and track subsurface contacts which are at periscope depth visually or with radar. Note: Full capability in condition III with radar. Visual capability provided by bridge watch team. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.9	Detect, localize, classify, and track submarines assisted by real time passive acoustic analysis. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.10	Classify subsurface contacts. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.11	Detect, localize, classify, and track subsurface contacts with surveillance towed arrays. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.12	Detect, localize, classify, and track subsurface contacts with tactical towed arrays. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS WITH ASW MP		I	III	IV	V
ASW 6.14	Detect, identify, classify, and track subsurface contacts, which are at periscope depth by ESM. IV, V(L) - Plan and train.	F	F	L	L
ASW 6.16	Detect, localize and track subsurface contacts with non-acoustic sensors. IV, V(L) - Plan and train.	F	F	L	L
ASW 7 ATTACK SUBMARINES WITH ANTISUBMARINE ARMAMENT.					
ASW 7.6	Attack with torpedoes. Note: Air-launched only. IV, V(L) - Plan and train.	F	F	L	L
ASW 7.9	Attack with guns. IV, V(L) - Plan and train.	F	F	L	L
ASW 7.11	Attack with conventional air-to-surface ordnance. Note: Helo/UAV weapons. Only weapons with ASW MP are light-weight torpedoes. IV, V(L) - Plan and train.	F	F	L	L
ASW 7.12	Plan/direct attack of submarines. IV, V(L) - Plan and train.	F	F	L	L
ASW 8 DISENGAGE, EVADE, AVOID, AND DECEIVE SUBMARINES.					
ASW 8.1	Employ torpedo countermeasures and evasion techniques. (a) Lightweight tow. IV, V(L) - Plan and train.	F	F	L	L
ASW 8.4	Conduct deception operations in support of ASW operations. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS WITH ASW MP		I	III	IV	V
ASW 8.5	Plan/direct submarine disengagement, evasion and avoidance by employing torpedo countermeasures, ACM, acoustic counter-countermeasure, deception and evasion techniques. IV, V(L) - Plan and train.	F	F	L	L
ASW 9 REPAIR OWN UNIT'S ASW EQUIPMENT.	Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, most maintenance and repairs are accomplished by the MST. I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks. III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.	L	L/A	L/A	L
ASW 10 PERFORM DUTIES OF ACU FOR AIRCRAFT INVOLVED IN ANTISUBMARINE OPERATIONS (REQUIRES ANTISUBMARINE AIR CONTROLLERS).					
ASW 10.1	Control FW and/or RW ASW aircraft in conjunction with coordinated search and/or attack operations. I(L) - May require temporarily securing personnel from other battle stations. III(L/A) - May require augmentation provided by on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L/A	L	L
ASW 10.3	Provide positive and/or advisory control of ASW aircraft. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS WITH ASW MP		I	III	IV	V
ASW 10.4	Function as maritime patrol ACU. IV, V(L) - Plan and train.	F	F	L	L
ASW 12 PERFORM ASW BDA.					
ASW 12.1	Perform ASW BDA. IV, V(L) - Plan and train.	F	F	L	L
ASW 13 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S ASW CAPABILITIES.		L	L	L	L
	I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space. III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. IV, V(L) - Plan and train.				
COMMAND, CONTROL, AND COMMUNICATIONS (CCC)					
CCC 2 COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.					
CCC 2.4	Function as SAU or SAG commander. Note: Only in the littoral environment. IV, V(L) - Plan and train.	F	F	L	L
CCC 3 PROVIDE OWN UNIT'S C2 FUNCTIONS.					
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.	F	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently. III, IV, V(L) - Plan and train.	F	L	L	L

LCS CLASS WITH ASW MP		I	III	IV	V
CCC 3.6	<p>Coordinate and control the operation of remotely piloted vehicles.</p> <p>I, III, IV(L) - USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
CCC 3.7	<p>Maintain a CIC or CDC capable of supporting a TAO.</p> <p>I, III(L) - Full capability to support primary missions only realized with appropriate MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
CCC 3.11	<p>Establish voice communications with supported forces.</p> <p>Note: Includes data communications.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
CCC 4	MAINTAIN NTDS OR DATA LINK CAPABILITY.				
CCC 4.9	<p>Transmit/receive and support link 16 surveillance, navigation, and identification circuits.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
CCC 4.10	<p>Transmit/receive and correlate targeting information with link 4A.</p> <p>Note: Applies to link 16.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
CCC 4.13	<p>Transmit/receive data via GCCS-M.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
CCC 6	PROVIDE COMMUNICATIONS FOR OWN UNIT.				
CCC 6.10	<p>Maintain voice/teletype/computer data cryptographically covered SATCOM circuits.</p>	F	F	F	F/A

LCS CLASS WITH ASW MP		I	III	IV	V
CCC 19 REPAIR OWN UNIT'S CCC EQUIPMENT.		L	L/A	L/A	L
	<p>Note: During conditions III and IV, full capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by shore support organization.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>				
ELECTRONIC WARFARE (EW)					
EW 1 CONDUCT ES OPERATIONS.					
EW 1.1	<p>Search for and intercept electromagnetic and directed energy signals and emissions.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXPEDITIONARY WARFARE (EXW)					
EXW 2 CONDUCT LANDSIDE SECURITY OPERATIONS.					
EXW 2.8	<p>Provide TSC support to host nation security forces.</p> <p>I, III, IV, V(L) - Sustainment of TSC support to host nation security forces may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements. Training capability enhanced with the embarkation of the irregular warfare enhancements to the SUW MP that include training support modules.</p>				L

LCS CLASS WITH ASW MP		I	III	IV	V
EXW 7	MAINTAIN EXPEDITIONARY SURVEILLANCE CAPABILITY.				
EXW 7.1	Maintain and operate expeditionary radar sensors. V(L) - Plan and train.	F	F	F	L
EXW 7.2	Maintain and operate expeditionary remote camera sensors. Note: Capability with VTUAV can only be operated with a composite AVDET embarked. V(L) - Plan and train.	F	F	F	L
EXW 7.4	Maintain and operate expeditionary IR sensors. Note: Capability with VTUAV can only be operated with a composite AVDET embarked. V(L) - Plan and train.	F	F	F	L
EXW 7.5	Maintain and operate expeditionary acoustic sensors. V(L) - Plan and train.	F	F	F	L
EXW 7.6	Maintain and operate expeditionary ESM sensors. V(L) - Plan and train.	F	F	F	L
EXW 7.7	Provide surveillance functions seaward during the AFOE re-supply and JLOTS operations. IV, V(L) - Plan and train.	F	F	L	L
EXW 7.8	Maintain an operations center capable of collecting, processing, displaying, evaluating, and disseminating tactical information. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS WITH ASW MP		I	III	IV	V
EXW 7.9	<p>Conduct routine and PMS on expeditionary surveillance systems.</p> <p>IV, V(L) - The core crew performs PMS as assigned by the LCSRON 3M coordinator. The mission module crew is responsible for accomplishing mission module PMS with a periodicity of monthly or below, to include all situational checks required for the employment of mission module systems.</p>			L	L
EXW 8 MAINTAIN AND OPERATE ROVS.					
EXW 8.1	<p>Conduct ROV operations.</p> <p>I, III(L) - USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked. May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 8.2	<p>Conduct unarmed RECCE of surface/ground forces.</p> <p>I, III(L) - USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked. May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 8.4	<p>Maintain communications data link on ROV.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 8.5	<p>Analyze, integrate, and disseminate ROV surveillance data.</p> <p>V(L) - Plan and train.</p>	F	F	F	L

LCS CLASS WITH ASW MP		I	III	IV	V
EXW 8.7	<p>Conduct routine and PMS on ROV systems.</p> <p>IV, V(L) - The core crew performs PMS as assigned by the LCSRON 3M coordinator. The mission module crew is responsible for accomplishing mission module PMS with a periodicity of monthly or below, to include all situational checks required for the employment of mission module systems.</p>			L	L
EXW 13 REPAIR OWN UNIT'S EXW EQUIPMENT.	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L
EXW 14 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S EXW CAPABILITIES.	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV (L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>IV, V(L) - Plan and train.</p>	L	L/A	L/A	L

LCS CLASS WITH ASW MP		I	III	IV	V
FLEET SUPPORT OPERATIONS (FSO)					
FSO 5 CONDUCT TOWING/SEARCH/SALVAGE/RESCUE OPERATIONS.					
FSO 5.11	Conduct underwater search operations using towed and/or hull-mounted sonar and/or magnetometer. Note: Requires ASW MP on board. V(L) - Plan and train.	F	F	F	L
FSO 6 SUPPORT/CONDUCT SAR OPERATIONS IN A COMBAT/ NONCOMBAT ENVIRONMENT.					
FSO 6.1	Support/conduct combat/noncombat SAR operations by FW or RW aircraft. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L
FSO 6.2	Conduct combat/noncombat SAR operations by surface ships. Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details. V(L) - Plan and train.	F/E	F/E	F/E	L
FSO 6.4	Recover man overboard. Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details. V(L) - Plan and train.	F/E	F/E	F/E	L
FSO 6.6	Conduct SAR operations (including operations involving submarines disaster/rescues). Note: Search only, conduct SAR using electronic devices (GCCS-M) or universal plotting sheets. V(L) - Plan and train.	F	F	F	L

LCS CLASS WITH ASW MP		I	III	IV	V
FSO 44	PROVIDE UNDERWAY TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS. I, III, IV(L) - Manning accommodations are severely limited on LCS underway. When MP and AIRDET are embarked, LCS has no space for embarking SELRES.	L	L	L	
FSO 45	PROVIDE INPORT TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III (SELRES) CREWS.				F
INTELLIGENCE (INT)					
INT 1	SUPPORT/CONDUCT INTELLIGENCE COLLECTION.				
INT 1.2	Support/conduct acoustic intelligence information collection. IV, V(L) - Plan and train.	F	F	L	L
INT 1.3	Support/conduct IMINT information collection at short and long range utilizing organic/non-organic, or assigned imagery sensors and onboard imagery processing systems. IV, V(L) - Plan and train.	F	F	L	L
INT 1.4	Support/conduct infrared intelligence information collection. IV, V(L) - Plan and train.	F	F	L	L
INT 1.6	Conduct EO intelligence collection at short and long range with onboard sensors. Note: Helo/UAV/USV capabilities. IV, V(L) - Plan and train.	F	F	L	L
INT 3	CONDUCT INTELLIGENCE, SURVEILLANCE, AND RECCE.				
INT 3.1	Conduct covert/ clandestine surveillance and RECCE operations. Note: Can conduct covert RECCE with UAV and MP embarked. V(L) - Plan and train.	F	F	F	L

LCS CLASS WITH ASW MP		I	III	IV	V
INT 3.2	Plan, direct, coordinate, and conduct overt surveillance and RECCE operations. V(L) - Plan and train.	F	F	F	L
INT 3.3	Plan, direct, coordinate, and conduct clandestine surveillance and RECCE operations. V(L) - Plan and train.	F	F	F	L
INT 4 CONDUCT OCEAN SURVEILLANCE OPERATIONS AGAINST TARGETS OF INTEREST.					
INT 4.1	Detect and locate targets of interest. V(L) - Plan and train.	F	F	F	L
INT 4.2	Classify and identify targets of interest. Note: Surface and underwater stationary objects only. V(L) - Plan and train.	F	F	F	L
INT 4.3	Track targets of interest. V(L) - Plan and train.	F	F	F	L
INT 7 SUPPORT/CONDUCT AIRBORNE RECCE.					
	Note: Helo/UAV equipped.				
INT 7.1	Support/conduct unarmed RECCE (weather, visual, BDA, etc.) V(L) - Plan and train.	F	F	F	L
INT 7.2	Support/conduct armed RECCE (route RECCE, interdiction, etc.). V(L) - Plan and train.	F	F	F	L
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.	F	F	F	L
INT 7.6	Plan/direct airborne RECCE. V(L) - Plan and train.	F	F	F	L

LCS CLASS WITH ASW MP		I	III	IV	V
INT 14	SUPPORT/CONDUCT SUBMARINE RECCE.				
	<p>INT 14.2 Conduct submarine RECCE in support of SG/TF operations.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
INT 17	REPAIR OWN UNIT'S INTELLIGENCE-RELATED EQUIPMENT.	L	L/A	L/A	L
	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>				
INT 19	CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S INT CAPABILITIES.	L	L	L	L
	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>V(L) - Plan and train.</p>				
INFORMATION OPERATIONS (IO)					
IO 4	PLAN AND IMPLEMENT OPSEC MEASURES.				

LCS CLASS WITH ASW MP		I	III	IV	V
IO 4.11	Plan, coordinate, and control implementation of OPSEC measures.	F	F	F	F
IO 4.12	Execute OPSEC measures.	F	F	F	F
MISSIONS OF STATE (MOS)					
MOS 1 PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.					
MOS 1.3	Conduct systems/weapons demonstrations for foreign dignitaries.		F	F	F
MOS 1.5	Conduct force/unit tours for foreign citizens during port calls. V(L) - Sustainment of general visiting is limited due to competing demands for manpower for maintenance, community relations projects, shore patrol, AT/FP, and other in port manpower requirements.				L
MOS 1.6	Conduct receptions for foreign dignitaries during port calls. V(L) - Reception support size is limited due to crew size. Requires planning, coordination and possibly augmentation from outside organization.				L
MOS 1.7	Provide volunteers for small project assistance during port calls. V(L) - Ability to support community relations and other in port projects limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				L
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. V(L) - Ability to provide participants for foreign/allied commemorative or ceremonial events limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				L

LCS CLASS WITH ASW MP		I	III	IV	V
NONCOMBATANT OPERATIONS (NCO)					
NCO 3 PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.					
NCO 3.1	Provide organizational level preventive maintenance. Note: In conditions III and IV, preventive maintenance performed per LCS tailored requirements. Due to minimal manning of LCS, deferred preventive maintenance is supported by shore support activity. III, IV, V(L) - Crew limited in ability to perform PM, performs tailored PM as directed by LCSRON.		L	L	L
NCO 3.2	Provide organizational level CM. Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST. I, V(L) - Emergency repairs to equipment critical to ship's mission. III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.	L	L/A	L/A	L
NCO 5 CONDUCT METEOROLOGICAL, HYDROGRAPHIC AND/OR BATHYMETRIC COLLECTION OPERATIONS OR SURVEYS.					
NCO 5.3	Collect and disseminate oceanographic information including bathythermograph operations.	F	F	F	
NCO 8 SERVE AS A PLATFORM FOR OPERATIONAL TEST AND EVALUATION OF SYSTEMS, EQUIPMENT, AND TACTICS.					
NCO 8.2	Perform the test and evaluation functions set forth in the appropriate test plans. III(L)- As long as primary mission areas are not degraded.		L/A	F	F
NCO 8.3	Perform the evaluation functions set		F	F	F

LCS CLASS WITH ASW MP		I	III	IV	V
forth in appropriate TACMEMOs.					
NCO 34	IN SUPPORT OF COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT AND MONITOR SUSPECT SURFACE CONTACTS.				
NCO 34.5	Detect and monitor surface contacts with passive sonar. Note: Only with ASW MP embarked. V(L) - Plan and train.	F	F	F	L
NCO 34.6	Detect and monitor surface contacts with active sonar. Note: Only with ASW MP embarked. V(L) - Plan and train.	F	F	F	L
NCO 34.7	Detect and monitor surface contacts with surveillance towed arrays. Note: Only with ASW MP embarked. V(L) - Plan and train.	F	F	F	L
NCO 34.8	Detect and monitor surface contacts assisted by real-time passive acoustic analysis. Note: Only with the ASW MP embarked. V(L) - Plan and train.	F	F	F	L
SURFACE WARFARE (SUW)					
Note: Full SUW capabilities are provided when configured with the SUW mission MP.					
SUW 4	DETECT, IDENTIFY, LOCALIZE, AND TRACK SURFACE SHIP TARGETS.				
SUW 4.1	Detect, localize, and track surface contacts with radar. V(L) - Plan and train.	F	F	F	L
SUW 4.3	Detect, localize, and track surface contacts with active sonar. V(L) - Plan and train.	F	F	F	L

LCS CLASS WITH ASW MP		I	III	IV	V
SUW 4.6	Detect, identify, classify, and track surface contacts by ESM. V(L) - Plan and train.	F	F	F	L
SUW 4.9	Detect, localize, classify, and track surface contacts with tactical towed arrays. V(L) - Plan and train.	F	F	F	L

REQUIRED OPERATIONAL CAPABILITIES (ROC)
FOR
LITTORAL COMBAT SHIP (LCS) CLASS SHIPS
WITH MINE WARFARE (MIW) MISSION PACKAGE (MP)

LCS CLASS WITH MIW MP		I	III	IV	V
COMMMAND, CONTROL, AND COMMUNICATIONS (CCC)					
CCC 3 PROVIDE OWN UNIT'S C2 FUNCTIONS.					
CCC 3.3	Provide all personnel services, programs, and facilities to safeguard classified material and information.	F	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently. III, IV, V(L) - Plan and train.	F	L	L	L
CCC 3.6	Coordinate and control the operation of remotely piloted vehicles. I, III(L): USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked. May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L
CCC 3.7	Maintain a CIC or CDC capable of supporting a TAO. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L
CCC 3.11	Establish voice communications with supported forces. Note: Includes data communications. IV, V(L) - Plan and train.	F	F	L	L
CCC 4 MAINTAIN NTDS OR DATA LINK CAPABILITY.					

LCS CLASS WITH MIW MP		I	III	IV	V
CCC 4.9	Transmit/receive and support link 16 surveillance, navigation, and identification circuits. V(L) - Plan and train.	F	F	F	L
CCC 4.10	Transmit/receive and correlate targeting information with link 4A. Note: Applies to link 16. V(L) - Plan and train.	F	F	F	L
CCC 4.13	Transmit/receive data via GCCS-M. V(L) - Plan and train.	F	F	F	L
CCC 6 PROVIDE COMMUNICATIONS FOR OWN UNIT.					
CCC 6.10	Maintain voice/teletype/computer data cryptographically covered SATCOM circuits.	F	F	F	F/A
CCC 19 REPAIR OWN UNIT'S CCC EQUIPMENT.					
<p>Note: During conditions III and IV, full capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by shore support organization.</p> <p>I,V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>		L	L/A	L/A	L
EXPEDITIONARY WARFARE (EXW)					
EXW 2 CONDUCT LANDSIDE SECURITY OPERATIONS.					

LCS CLASS WITH MIW MP		I	III	IV	V
EXW 2.8	<p>Provide TSC support to host nation security forces.</p> <p>I, III, IV, V(L) - Sustainment of TSC support to host nation security forces may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements. Training capability enhanced with the embarkation of the irregular warfare enhancements to the SUW MP that include training support modules.</p>	L	L	L	L
EXW 7 MAINTAIN EXPEDITIONARY SURVEILLANCE CAPABILITY.					
EXW 7.2	<p>Maintain and operate expeditionary remote camera sensors.</p> <p>Note: Capability with VTUAV can only be operated with a composite AVDET embarked.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 7.4	<p>Maintain and operate expeditionary IR sensors.</p> <p>Note: Capability with VTUAV can only be operated with a composite AVDET embarked.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 7.5	<p>Maintain and operate expeditionary acoustic sensors.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 7.7	<p>Provide surveillance functions seaward during the AFOE re-supply and JLOTS operations.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
EXW 7.8	<p>Maintain an operations center capable of collecting, processing, displaying, evaluating and disseminating tactical information.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L

LCS CLASS WITH MIW MP		I	III	IV	V
EXW 7.9	<p>Conduct routine and PMS on expeditionary surveillance systems.</p> <p>IV, V(L) - The core crew performs PMS as assigned by the LCSRON 3M coordinator. The mission module crew is responsible for accomplishing mission module PMS with a periodicity of monthly or below, to include all situational checks required for the employment of mission module systems.</p>			L	L
EXW 8 MAINTAIN AND OPERATE ROVS.					
EXW 8.1	<p>Conduct ROV operations.</p> <p>I, III(L) - USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked. May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 8.2	<p>Conduct unarmed RECCE of surface/ground forces.</p> <p>I, III(L) - USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked. May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 8.4	<p>Maintain communications data link on ROV.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 8.5	<p>Analyze, integrate, and disseminate ROV surveillance data.</p> <p>V(L) - Plan and train.</p>	F	F	F	L

LCS CLASS WITH MIW MP		I	III	IV	V
EXW 8.7	<p>Conduct routine and PMS and ROV systems.</p> <p>IV, V(L) - The core crew performs PMS as assigned by the LCSRON 3M coordinator. The mission module crew is responsible for accomplishing mission module PMS with a periodicity of monthly or below, to include all situational checks required for the employment of mission module systems.</p>			L	L
EXW 13 REPAIR OWN UNIT'S EXW EQUIPMENT.	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L
EXW 14 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S EXW CAPABILITIES.	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV (L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>IV, V(L) - Plan and train.</p>	L	L/A	L/A	L

LCS CLASS WITH MIW MP		I	III	IV	V
FLEET SUPPORT OPERATIONS (FSO)					
FSO 6	SUPPORT/CONDUCT SAR OPERATIONS IN A COMBAT/ NONCOMBAT ENVIRONMENT.				
FSO 6.1	Support/conduct combat/noncombat SAR operations by FW or RW aircraft. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L
FSO 6.2	Conduct combat/noncombat SAR operations by surface ships. Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details. V(L) - Plan and train.	F/ E	F/E	F/E	L
FSO 6.4	Recover man overboard. Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details. V(L) - Plan and train.	F/ E	F/E	F/E	L
FSO 6.6	Conduct SAR operations (including operations involving submarines disaster/rescues). Note: Search only. Conduct SAR using universal plotting sheets. V(L) - Plan and train.	F	F	F	L
FSO 44	PROVIDE UNDERWAY TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS. I, III, IV(L) - Manning accommodations are severely limited on LCS underway. When MP and AIRDET are embarked, LCS has no space for embarking SELRES.	L	L	L	
FSO 45	PROVIDE INPORT TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS.				F
INTELLIGENCE (INT)					

LCS CLASS WITH MIW MP		I	III	IV	V
INT 1	SUPPORT/CONDUCT INTELLIGENCE COLLECTION.				
INT 1.2	Support/conduct acoustic intelligence information collection. IV, V(L) - Plan and train.	F	F	L	L
INT 1.3	Support/conduct IMINT information collection at short and long range utilizing organic/non-organic, or assigned imagery sensors and onboard imagery processing systems. IV, V(L) - Plan and train.	F	F	L	L
INT 1.4	Support/conduct infrared intelligence information collection. IV, V(L) - Plan and train.	F	F	L	L
INT 1.6	Conduct EO intelligence collection at short and long range with onboard sensors. Note: Helo/UAV/USV capabilities. IV, V(L) - Plan and train.	F	F	L	L
INT 3	CONDUCT INTELLIGENCE, SURVEILLANCE, AND RECCE.				
INT 3.1	Conduct covert/ clandestine surveillance and RECCE operations. Note: Can conduct covert RECCE with UAV and MP embarked. V(L) - Plan and train.	F	F	F	L
INT 3.2	Plan, direct, coordinate, and conduct overt surveillance and RECCE operations. V(L) - Plan and train.	F	F	F	L
INT 3.3	Plan, direct, coordinate, and conduct clandestine surveillance and RECCE operations. V(L) - Plan and train.	F	F	F	L
INT 7	SUPPORT/CONDUCT AIRBORNE RECCE. Note: Helo/UAV equipped.				

LCS CLASS WITH MIW MP		I	III	IV	V
INT 7.1	Support/conduct unarmed RECCE (weather, visual, BDA, etc.) I, III, IV(L) - No radar on helo. V(L) - Plan and train.	L	L	L	L
INT 7.2	Support/conduct armed RECCE (route RECCE, interdiction, etc.). I, III, IV(L) - No radar on helo. V(L) - Plan and train.	L	L	L	L
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.	F	F	F	L
INT 7.6	Plan/direct airborne RECCE. I, III, IV(L) - No radar on helo. V(L) - Plan and train.	L	L	L	L
INT 17 REPAIR OWN UNIT'S INTELLIGENCE-RELATED EQUIPMENT.	Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST. I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks. III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.	L	L/A	L/A	L

LCS CLASS WITH MIW MP		I	III	IV	V
INT 19	CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S INT CAPABILITIES.	L	L	L	L
	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>V(L) - Plan and train.</p>				
INFORMATION OPERATIONS (IO)					
IO 4	PLAN AND IMPLEMENT OPSEC MEASURES.				
	IO 4.11 Plan, coordinate, and control implementation of OPSEC measures.	F	F	F	F
	IO 4.12 Execute OPSEC measures.	F	F	F	F
MINE WARFARE (MIW)					
MIW 2	CONDUCT INFLUENCE MINE SWEEPING OPERATIONS.				
	MIW 2.1 Sweep magnetic mines.	L	L	L	L
	<p>I, III(L) - Full capability only when USV equipped.</p> <p>IV, V(L) - Plan and train.</p>				
	MIW 2.2 Sweep acoustic mines.	L	L	L	L
	<p>I, III(L) - Full capability only when USV equipped.</p> <p>IV, V(L) - Plan and train.</p>				
	MIW 2.4 Sweep UEP mines.	F	L	L	L
	<p>III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>				

LCS CLASS WITH MIW MP		I	III	IV	V
MIW 2.5	Sweep magnetic/acoustic combination influence mines. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L
MIW 2.9	Plan/direct minesweeping operations. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L
MIW 3	CONDUCT MINE NEUTRALIZATION/DESTRUCTION.				
MIW 3.1	Neutralize located mines. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. III, IV, V(L) - Plan and train.	F	L	L	L
MIW 3.2	Destroy floating mines. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. III, IV, V(L) - Plan and train.	F	L	L	L
MIW 3.3	Destroy subsurface mines. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. III, IV, V(L) - Plan and train.	F	L	L	L

LCS CLASS WITH MIW MP		I	III	IV	V
MIW 3.6	<p>Provide support for embarked EOD/SEAL.</p> <p>Note: Unable to fully support EOD when MPs are embarked. Limited space/weight available.</p> <p>I, III, IV(L) - Limited space/weight available.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
MIW 3.7	<p>Conduct low influence signature diving operations to unit's designated depth capability to locate, neutralize, destroy or recover underwater ordnance.</p> <p>Note: EOD support required. Unable to fully support EOD when MPs are embarked. Limited space/weight available.</p> <p>I, III, IV(L) - Limited space/weight available.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
MIW 3.9	<p>Plan/direct mine neutralization/destruction.</p> <p>III, IV, V(L) - Plan and train.</p>	F	L	L	L
MIW 4 CONDUCT MCM.					
MIW 4.1	<p>Detect, classify, and plot sea mines.</p> <p>III(L/A) - May require augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L/A	L	L
MIW 4.3	<p>Neutralize moored sea mines.</p> <p>III(L/A) - May require augmentation from on-call/off-watch personnel.</p> <p>III, IV, V(L) - Plan and train.</p>	F	L/A	L	L
MIW 4.4	<p>Neutralize bottom sea mines.</p> <p>III(L/A) - May require augmentation from on-call/off-watch personnel.</p> <p>III, IV, V(L) - Plan and train.</p>	F	L/A	L	L

LCS CLASS WITH MIW MP		I	III	IV	V
MIW 4.5	<p>Conduct MCM operations using ROV.</p> <p>III(L/A) - May require augmentation from on-call/off-watch personnel.</p> <p>III, IV, V(L) - Plan and train.</p>	F	L/A	L	L
MIW 4.6	<p>Conduct underwater search operations using towed and/or hull-mounted sonar and/or magnetometer.</p> <p>Note: USV equipped.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
MIW 4.8	<p>Conduct underwater search operations using diver hand-held sonar and/or magnetometer.</p> <p>Note: Embarked EOD support required. Unable to fully support EOD when MPs are embarked. Limited space/weight available.</p> <p>I, III, IV(L) - Plan and train.</p> <p>V(L) - Plan and train.</p>	L	L	L	L
MIW 4.9	<p>Conduct surveillance of potential enemy mine laying activity.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
MIW 4.10	<p>Plan/direct MCM.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
MIW 4.11	<p>Detect and avoid mines using organic sensors.</p> <p>III(L/A) - May require augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L/A	L	L
MIW 9	<p>CONDUCT AMCM AND SUPPORT MIW OPERATIONS.</p> <p>Note: Includes AOMCMs.</p>				

LCS CLASS WITH MIW MP		I	III	IV	V
MIW 9.1	<p>Conduct day helo AMCM flight operations.</p> <p>III(L/A) - May require augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L/A	L	L
MIW 9.2	<p>Conduct night helo AMCM flight operations.</p> <p>III(L/A) - Requires augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L/A	L	L
MIW 9.4	<p>Provide MCM gear to support MCM operations.</p> <p>III(L/A) - May require augmentation from on-call/off-watch personnel.</p> <p>V(L) - Ship's force assists MPSF team.</p>	F	L/A	F	L
MIW 9.5	<p>Conduct helo flight operations during all EMCON conditions.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>	F	L	L	L
MIW 9.6	<p>Conduct helo hot and cold refueling.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>	F	L	L	L
MIW 9.8	<p>Provide electrical power for helo starting, testing, etc.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>	F	L	L	L

LCS CLASS WITH MIW MP		I	III	IV	V
MIW 9.9	<p>Provide ground handling equipment for loading and spotting helos.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>	F	L	L	L
MIW 9.12	<p>Conduct precision radar controlled approach for embarked aircraft under all weather conditions.</p> <p>III, IV(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>V(L) - Plan and train.</p>	F	L	L	L
MIW 9.13	<p>Launch FW and/or RW aircraft involved in MIW operations.</p> <p>Note: RW only.</p> <p>III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV(L) - May require augmentation from off-watch/on-call personnel.</p> <p>V(L) - Plan and train.</p>	F	L	L/A	L
MIW 9.14	<p>Recover FW and/or RW aircraft involved in MIW operations.</p> <p>Note: RW only.</p> <p>III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV(L) - May require augmentation from off-watch/on-call personnel.</p> <p>V(L) - Plan and train.</p>	F	L	L/A	L

LCS CLASS WITH MIW MP		I	III	IV	V
MIW 9.16	<p>Provide required conventional ordnance to support MIW air operations.</p> <p>III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L
MIW 9.17	<p>Load/unload MIW ordnance compatible with required aircraft turnaround time.</p> <p>III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L
MIW 11 CONDUCT ROUTE SURVEY OPERATIONS.					
MIW 11.1	<p>Conduct route survey operations by SMCM ships/craft.</p> <p>Note: USV equipped.</p> <p>III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L
MIW 11.2	<p>Conduct route survey operations by AMCM rotary aircraft.</p> <p>Note: MH-60S equipped.</p> <p>III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L
MIW 11.3	<p>Provide capability to collect, store, retrieve, and process MIW contact information.</p> <p>V(L) - Plan and train.</p>	F	F	F	L

LCS CLASS WITH MIW MP		I	III	IV	V
MIW 13 REPAIR OWN UNIT'S MIW EQUIPMENT.		L	L/A	L/A	L
	<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>				
MIW 15 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MIW CAPABILITIES.		L	L	L	L
	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>V(L) - Plan and train.</p>				
MIW 16 PERFORM MIW BDA.					
MIW 16.1 Perform MIW BDA.		F	F	L	L
	IV, V(L) - Plan and train.				
MISSIONS OF STATE (MOS)					
MOS 1 PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.					
MOS 1.3 Conduct systems/weapons demonstrations for foreign dignitaries.			F	F	F

LCS CLASS WITH MIW MP		I	III	IV	V
MOS 1.5	Conduct force/unit tours for foreign citizens during port calls. V(L) - Sustainment of general visiting is limited due to competing demands for manpower for maintenance, community relations projects, shore patrol, AT/FP, and other in port manpower requirements.				L
MOS 1.6	Conduct receptions for foreign dignitaries during port calls. V(L) - Reception support is limited due to crew size. Requires planning, coordination and possibly augmentation from outside organization.				L
MOS 1.7	Provide volunteers for small project assistance during port calls. V(L) - Ability to support community relations and other in port projects limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				L
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. V(L) - Ability to provide participants for foreign/allied commemorative or ceremonial events limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				L
NONCOMBAT OPERATIONS (NCO)					
NCO 3	PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.				
NCO 3.1	Provide organizational level preventive maintenance. Note: In conditions III and IV, preventive maintenance performed per LCS		L	L	L

LCS CLASS WITH MIW MP		I	III	IV	V
	<p>tailored requirements. Due to minimal manning of LCS, deferred preventive maintenance is supported by shore support activity.</p> <p>III, IV, V(L) - Crew limited in ability to perform PM, performs tailored PM as directed by LCSSRON.</p>				
NCO 3.2	<p>Provide organizational level CM.</p> <p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I,V(L) - Emergency repairs to equipment critical to ship's mission.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p>	L	L/A	L/A	L
NCO 8	SERVE AS A PLATFORM FOR OPERATIONAL TEST AND EVALUATION OF SYSTEMS, EQUIPMENT AND TACTICS.				
NCO 8.2	<p>Perform the test and evaluation functions set forth in the appropriate test plans.</p> <p>III(L)- As long as primary mission areas are not degraded.</p>		L/A	F	F
NCO 8.3	<p>Perform the evaluation functions set forth in appropriate TACMEMOs.</p>		F	F	F

REQUIRED OPERATIONAL CAPABILITIES (ROC)
FOR
LITTORAL COMBAT SHIP (LCS) CLASS SHIPS
WITH SURFACE WARFARE (SUW) MISSION PACKAGE (MP)

LCS CLASS WITH SUW MP		I	III	IV	V
COMMAND, CONTROL, AND COMMUNICATIONS (CCC)					
CCC 2	COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.				
CCC 2.4	Function as SAU or SAG commander. Note: Only in the littoral environment. IV, V(L) - Plan and train.	F	F	L	L
CCC 2.18	Function as a SUWC for force or sector. Note: Function in the littoral environment. IV, V(L) - Plan and train.	F	F	L	L
CCC 3 PROVIDE OWN UNIT'S C2 FUNCTIONS.					
CCC 3.3	Provide all personnel services, programs, and facilities to safeguard classified material and information.	F	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently. III, IV, V(L) - Plan and train.	F	L	L	L
CCC 3.6	Coordinate and control the operation of remotely piloted vehicles. I, III(L) - VTUAV can only be operated with a composite AVDET embarked. May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L

LCS CLASS WITH SUW MP		I	III	IV	V
CCC 3.7	Maintain a CIC or CDC capable of supporting a TAO. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L
CCC 3.11	Establish voice communications with supported forces. Note: Includes data communication. IV, V(L) - Plan and train.	F	F	L	L
CCC 4 MAINTAIN NTDS OR DATA LINK CAPABILITY.					
CCC 4.9	Transmit/receive and support link 16 surveillance, navigation, and identification circuits. V(L) - Plan and train.	F	F	F	L
CCC 4.10	Transmit/receive and correlate targeting information with link 4A. Note: Applies to link 16. V(L) - Plan and train.	F	F	F	L
CCC 4.13	Transmit/receive data via GCCS-M. V(L) - Plan and train.	F	F	F	L
CCC 6 PROVIDE COMMUNICATIONS FOR OWN UNIT.					
CCC 6.10	Maintain voice/teletype/computer data cryptographically covered SATCOM circuits.	F	F	F	F/A

LCS CLASS WITH SUW MP		I	III	IV	V
CCC 19 REPAIR OWN UNIT'S CCC EQUIPMENT.	<p>Note: During conditions III and IV, full capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by shore support organization.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L
ELECTRONIC WARFARE (EW)					
EW 1 CONDUCT ES OPERATIONS.					
EW 1.1	<p>Search for and intercept electromagnetic and directed energy signals and emissions.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXPEDITIONARY WARFARE (EXW)					
EXW 1 CONDUCT WATERBORNE SECURITY OPERATIONS IN HARBORS, HARBOR APPROACHES, INSHORE, RIPARIAN, AND NEAR SHORE LITTORAL AREAS.					
EXW 1.1	<p>Ensure compliance with the naval vessel protective zone for ships in-port and at anchor.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L

LCS CLASS WITH SUW MP		I	III	IV	V
EXW 1.2	<p>Enforce security zones per SOFAs and/or fleet commander's guidance for ships in port and at anchor.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
EXW 1.3	<p>Conduct inbound and outbound vessel escorts.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
EXW 1.5	<p>Conduct patrols to counter waterborne threats as detailed by intelligence reports provided by higher authority.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
EXW 1.6	<p>Conduct harbor approach defense.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
EXW 1.8	<p>Provide transport and cover for VBSS level I and II teams.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, and LEDET.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L

LCS CLASS WITH SUW MP		I	III	IV	V
EXW 1.11	<p>Conduct waterborne security operations in support of a multi-unit task group, CSG, ESG, SAG, URG, or amphibious force (e.g., amphibious task unit, ATG, ATF) within assigned AO.</p> <p>Note: Full capability with SUW MP embarked.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 1.15	<p>Conduct MIO.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 1.16	<p>Conduct counter-piracy operations.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 2	CONDUCT LANDSIDE SECURITY OPERATIONS.				
EXW 2.8	<p>Provide TSC support to host nation security forces.</p> <p>I, III, IV, V(L) - Sustainment of TSC support to host nation security forces may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements. Training capability enhanced with the embarkation of the irregular warfare enhancements to the SUW MP that include training support modules.</p>	L	L	L	L
EXW 4	CONDUCT EMBARKED SECURITY OPERATIONS.				
EXW 4.2	<p>Deploy security forces on other waterborne HVAs to GOPLATs and other critical infrastructure areas.</p> <p>III, IV(L/E) - Requires supplement from embarked SEALs or other SOF personnel/equipment. Only when no MP embarked. Low threat environment only.</p> <p>IV, V(L) - Plan and train.</p>	L/E	L/E	L	L
EXW 6	MAINTAIN EXPEDITIONARY COMMUNICATIONS CAPABILITY.				

LCS CLASS WITH SUW MP		I	III	IV	V
EXW 6.2	Maintain encrypted HF, VHF, UHF, and SHF voice and data communications. Note: The number of communications circuits that can be monitored simultaneously may be limited by equipment configuration and manning. This may especially be an issue if the ship is operating with a CSG or an ARG. IV, V(L) - Plan and train.	F	F	L	L
EXW 6.3	Establish voice communications with USMC evacuation and command nets, NSA, Air Force, Army, local law enforcement, and Homeland Defense nets. Note: The number of communications circuits that can be monitored simultaneously may be limited by equipment configuration and manning. This may especially be an issue if the ship is operating with a CSG or an ARG. IV, V(L) - Plan and train.	F	F	L	L
EXW 7	MAINTAIN EXPEDITIONARY SURVEILLANCE CAPABILITY.				
EXW 7.1	Maintain and operate expeditionary radar sensors. V(L) - Plan and train.	F	F	F	L
EXW 7.2	Maintain and operate expeditionary remote camera sensors. Note: Capability with VTUAV can only be operated with a composite AVDET embarked. V(L) - Plan and train.	F	F	F	L
EXW 7.4	Maintain and operate expeditionary IR sensors. Note: Capability with VTUAV can only be operated with a composite AVDET embarked. V(L) - Plan and train.	F	F	F	L

LCS CLASS WITH SUW MP		I	III	IV	V
EXW 7.6	Maintain and operate expeditionary ESM sensors. V(L) - Plan and train.	F	F	F	L
EXW 7.7	Provide surveillance functions seaward during the AFOE re-supply and JLOTS operations. IV, V(L) - Plan and train.	F	F	L	L
EXW 7.8	Maintain an operations center capable of collecting, processing, displaying, evaluating, and disseminating tactical information. IV, V(L) - Plan and train.	F	F	L	L
EXW 7.9	Conduct routine and PMS on expeditionary surveillance systems. IV, V(L) - The core crew performs PMS as assigned by the LCSRON 3M coordinator. The mission module crew is responsible for accomplishing mission module PMS with periodicity of monthly or below, to include all situational checks required for the employment of mission module systems.			L	L
EXW 8 MAINTAIN AND OPERATE ROVS.					
EXW 8.1	Conduct ROV operations. I, III(L) - USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked. May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L

LCS CLASS WITH SUW MP		I	III	IV	V
EXW 8.2	<p>Conduct unarmed RECCE of surface/ground forces.</p> <p>I, III(L) - USVs and UUVs can only be operated with mission module crew embarked. VTUAV can only be operated with a composite AVDET embarked. May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
EXW 8.4	<p>Maintain communications data link on ROV.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 8.5	<p>Analyze, integrate, and disseminate ROV surveillance data.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 8.7	<p>Conduct routine and PMS and ROV systems.</p> <p>IV, V(L) - The core crew performs PMS as assigned by the LCSSRON 3M coordinator. The mission module crew is responsible for accomplishing mission module PMS with a periodicity of monthly or below, to include all situational checks required for the employment of mission module systems.</p>			L	L

LCS CLASS WITH SUW MP	I	III	IV	V
<p>EXW 13 REPAIR OWN UNIT'S EXW EQUIPMENT.</p> <p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>	L	L/A	L/A	L
<p>EXW 14 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S EXW CAPABILITIES.</p> <p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV (L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>IV, V(L) - Plan and train.</p>	L	L/A	L/A	L
<p>EXW 15 CONDUCT BOARDING OPERATIONS.</p>				

LCS CLASS WITH SUW MP		I	III	IV	V
EXW 15.1	<p>Conduct consensual boardings on suspect vessels (VBSS level I).</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 15.2	<p>Conduct non-compliant boarding operations on suspect vessels (VBSS level II and III).</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 15.3	<p>Insert and extract boarding team via vertical insertion methods (i.e., fast-rope, hoisting) utilizing appropriate aircraft of opportunity (VBSS level III).</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 15.4	<p>Provide FP of boarding team personnel.</p> <p>V(L) - Plan and train.</p>	F	F	F	L

LCS CLASS WITH SUW MP		I	III	IV	V
EXW 15.6	<p>Conduct trace detection of explosives.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 15.7	<p>Conduct ISI.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 15.8	<p>Conduct systematic testing of spaces for the presence of explosives using detection devices.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L

LCS CLASS WITH SUW MP		I	III	IV	V
EXW 15.9	<p>Identify chemical, biological, radiological and nuclear high-yield explosive devices, and delivery systems.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 15.10	<p>Conduct trace detection for narcotics.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 15.11	<p>Conduct extended ISI when there is reasonable suspicion of a particular hazard that may threaten the boarding team.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L

LCS CLASS WITH SUW MP		I	III	IV	V
EXW 15.12	<p>Conduct systematic testing of spaces for the presence of narcotics using detection devices.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 15.14	<p>Conduct tactical room/space entry to resolve reports of unaccounted for personnel, stowaways and other situations involving potential terrorist/criminal activity.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
EXW 15.15	<p>Plan/direct boarding operations.</p> <p>Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.</p> <p>V(L) - Plan and train.</p>	F	F	F	L
FLEET SUPPORT OPERATIONS (FSO)					
FSO 6	SUPPORT/CONDUCT SAR OPERATIONS IN A COMBAT/ NONCOMBAT ENVIRONMENT.				

LCS CLASS WITH SUW MP		I	III	IV	V
FSO 6.1	Support/conduct combat/noncombat SAR operations by FW or RW aircraft. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L
FSO 6.2	Conduct combat/noncombat SAR operations by surface ships. Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details. V(L) - Plan and train.	F/E	F/E	F/E	L
FSO 6.4	Recover man overboard. Note: Selected personnel must stand down from condition I stations to man SAR boat or deck recovery details. V(L) - Plan and train.	F/E	F/E	F/E	L
FSO 6.6	Conduct SAR operations (including operations involving submarines disaster/rescues). Note: Search only, conduct SAR using electronic devices (GCCS-M) or universal plotting sheets. V(L) - Plan and train.	F	F	F	L
FSO 44	PROVIDE UNDERWAY TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS. I, III, IV(L) - Manning accommodations are severely limited on LCS underway. When MP and AIRDET are embarked, LCS has no space for embarking SELRES.	L	L	L	
FSO 45	PROVIDE INPORT TRAINING FOR ACTIVE CREW AND FOR TYPE II AND TYPE III SELRES CREWS.				F
INTELLIGENCE (INT)					
INT 1	SUPPORT/CONDUCT INTELLIGENCE COLLECTION.				

LCS CLASS WITH SUW MP		I	III	IV	V
INT 1.3	Support/conduct IMINT information collection at short and long range utilizing organic/non-organic, or assigned imagery sensors and onboard imagery processing systems. IV, V(L) - Plan and train.	F	F	L	L
INT 1.4	Support/conduct infrared intelligence information collection. IV, V(L) - Plan and train.	F	F	L	L
INT 1.6	Conduct EO intelligence collection at short and long range with onboard sensors. Note: Helo/UAV/USV capabilities. IV, V(L) - Plan and train.	F	F	L	L
INT 3 CONDUCT INTELLIGENCE, SURVEILLANCE, AND RECCE.					
INT 3.1	Conduct covert/ clandestine surveillance and RECCE operations. Note: Can conduct covert RECCE with UAV and MP embarked. V(L) - Plan and train.	F	F	F	L
INT 3.2	Plan, direct, coordinate, and conduct overt surveillance and RECCE operations. V(L) - Plan and train.	F	F	F	L
INT 3.3	Plan, direct, coordinate, and conduct clandestine surveillance and RECCE operations. V(L) - Plan and train.	F	F	F	L
INT 4 CONDUCT OCEAN SURVEILLANCE OPERATIONS AGAINST TARGETS OF INTEREST.					
INT 4.1	Detect and locate targets of interest. V(L) - Plan and train.	F	F	F	L

LCS CLASS WITH SUW MP		I	III	IV	V
INT 4.2	Classify and identify targets of interest. Note: Surface and underwater stationary objects only. V(L) - Plan and train.	F	F	F	L
INT 4.3	Track targets of interest. V(L) - Plan and train.	F	F	F	L
INT 6 CONDUCT SURFACE RECONAISSANCE.					
INT 6.1	Conduct surface patrols or barriers. V(L) - Plan and train.	F	F	F	L
INT 6.3	Conduct RECCE of surface forces. V(L) - Plan and train.	F	F	F	L
INT 6.5	Conduct inshore harbor/coastal defense patrols. V(L) - Plan and train.	F	F	F	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.	F	F	F	
INT 7 SUPPORT/CONDUCT AIRBORNE RECCE.					
	Note: Helo/UAV equipped.				
INT 7.1	Support/conduct unarmed RECCE (weather, visual, BDA, etc.). V(L) - Plan and train.	F	F	F	L
INT 7.2	Support/conduct armed RECCE (route RECCE, interdiction, etc.). V(L) - Plan and train.	F	F	F	L
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.	F	F	F	L

LCS CLASS WITH SUW MP		I	III	IV	V
INT 7.6	Plan/direct airborne RECCE. V(L) - Plan and train.	F	F	F	L
INT 16	PROVIDE INTELLIGENCE SUPPORT FOR COUNTERNARCOTICS INTERDICTION.				
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.	F	F	F	L
INT 17	REPAIR OWN UNIT'S INTELLIGENCE-RELATED EQUIPMENT. Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST. I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks. III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.	L	L/A	L/A	L

LCS CLASS WITH SUW MP		I	III	IV	V
INT 19	CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S INT CAPABILITIES.	L	L	L	L
	<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>V(L) - Plan and train.</p>				
INFORMATION OPERATIONS (IO)					
IO 4	PLAN AND IMPLEMENT OPSEC MEASURES.				
	IO 4.11 Plan, coordinate and control implementation of OPSEC measures	F	F	F	F
	IO 4.12 Execute OPSEC measures.	F	F	F	F
MISSIONS OF STATE (MOS)					
MOS 1	PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.				
	MOS 1.3 Conduct systems/weapons demonstrations for foreign dignitaries.		F	F	F
	<p>MOS 1.5 Conduct force/unit tours for foreign citizens during port calls.</p> <p>V(L) - Sustainment of general visiting is limited due to competing demands for manpower for maintenance, community relations projects, shore patrol, AT/FP, and other in port manpower requirements.</p>				L
	<p>MOS 1.6 Conduct receptions for foreign dignitaries during port calls.</p> <p>V(L) - Reception support is limited due to crew size. Requires planning, coordination and possibly augmentation from outside organization.</p>				L
	<p>MOS 1.7 Provide volunteers for small project assistance during port calls.</p> <p>V(L) - Ability to support community</p>				L

LCS CLASS WITH SUW MP		I	III	IV	V
	relations and other in port projects limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				
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. V(L) - Ability to provide participants for foreign/allied commemorative or ceremonial events limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				L
MOS 2	PROVIDE HUMANITARIAN ASSISTANCE.				
MOS 2.22	Plan, direct, and coordinate health care delivery for humanitarian assistance and disaster relief. Note: Only with embarkation of the irregular warfare enhancements to the SUW MP that include medical support modules. These may include an afloat trauma care medical module and/or a humanitarian assistance/health services support medical module.				F/E
MOS 4	PERFORM INTERDICTION.				
MOS 4.1	Conduct naval blockade. IV, V(L) - Plan and train.	F	F	L	L
MOS 4.4	MIO and/or VBSS operations with naval/combined/joint forces. Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET.	F	F	F	L

LCS CLASS WITH SUW MP		I	III	IV	V
V(L) - Plan and train.					
MOS 7	PROVIDE SA.				
MOS 7.2	Provide mobile training team or other training assistance. Note: Only with embarkation of the irregular warfare enhancements to the SUW MP that include training support module.				F/E
MOS 14	SUPPORT CMO/CAO THROUGHOUT ALL PHASES OF CONFLICT.				
MOS 14.4	Assess/facilitate/support disaster relief support operations. Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support modules. IV, V(L) - Support may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.			L	L
MOS 14.5	Assess/facilitate/support humanitarian and civic assistance operations. Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support modules. IV, V(L) - Support may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.			L	L
MOS 16	FHA				
MOS 16.2	Conduct disaster relief support operations. Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support modules.			L	L

LCS CLASS WITH SUW MP		I	III	IV	V
	IV, V(L) - Support may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.				
MOS 16.5	Conduct humanitarian and civic assistance operations. Note: Capability enhanced with embarkation of the irregular warfare enhancements to the SUW MP. These may include medical and training support IV, V(L) - Support may be limited due to competing demands for manpower for maintenance, shore patrol, AT/FP, and other in port manpower requirements.			L	L
NONCOMBAT OPERATIONS (NCO)					
NCO 3 PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.					
NCO 3.1	Provide organizational level preventive maintenance. Note: In conditions III and IV, preventive maintenance performed per LCS tailored requirements. Due to minimal manning of LCS, deferred preventive maintenance is supported by shore support activity. III, IV, V(L) - Crew limited in ability to perform PM, performs tailored PM as directed by LCSRON.		L	L	L
NCO 3.2	Provide organizational level CM. Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST. I, V(L) - Emergency repairs to equipment critical to ship's mission. III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor	L	L/A	L/A	L

LCS CLASS WITH SUW MP		I	III	IV	V
degradations or casualties.					
NCO 8	SERVE AS A PLATFORM FOR OPERATIONAL TEST AND EVALUATION OF SYSTEMS, EQUIPMENT, AND TACTICS.				
NCO 8.2	Perform the test and evaluation functions set forth in the appropriate test plans. III(L)- As long as primary mission areas are not degraded.		L/A	F	F
NCO 8.3	Perform the evaluation functions set forth in appropriate TACMEMOs.		F	F	F
NCO 19	CONDUCT MARITIME LAW ENFORCEMENT OPERATIONS.				
NCO 19.2	Conduct boarding and inspection of noncombatant vessels. Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET. V(L) - Plan and train.	F	F	F	L
NCO 19.6	Conduct seizure of noncombatant vessels. Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher boarding requires joint assets - Marine SOC, NSW, LEDET. V(L) - Plan and train.	F	F	F	L
NCO 19.9	Conduct drug traffic suppression and interdiction operations. Note: Boarding operations conducted by SUW MP Maritime Security Module detachment, which is capable of conducting level I and level II, compliant and non-compliant low freeboard. Level III or higher	F	F	F	L

LCS CLASS WITH SUW MP		I	III	IV	V
	boarding requires joint assets - Marine SOC, NSW, LEDET. V(L) - Plan and train.				
NCO 19.15	Support drug traffic suppression and interdiction operations. V(L) - Plan and train.	F	F	F	L
NCO 33 SUPPORT/PROVIDE COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT SUPPORT PATROL OF A FIXED GEOGRAPHIC AREA.					
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
NCO 34 IN SUPPORT OF COUNTERNARCOTICS AND OTHER LAW ENFORCEMENT OPERATIONS, DETECT, AND MONITOR SUSPECT SURFACE CONTACTS.					
NCO 34.1	Detect and monitor surface contacts with radar. Note: Capability is enhanced with embarked SUW MP. V(L) - Plan and train.	F	F	F	L
NCO 34.2	Detect and monitor surface contacts visually. V(L) - Plan and train.	F	F	F	L
NCO 34.3	Detect and monitor surface contacts with infrared equipment. V(L) - Plan and train.	F	F	F	L
NCO 34.4	Detect and monitor surface contacts with electronic surveillance methods. V(L) - Plan and train.	F	F	F	L
NAVAL SPECIAL WARFARE (NSW)					
NSW 4 CONDUCT COMBATANT CRAFT OPERATIONS.					

LCS CLASS WITH SUW MP		I	III	IV	V
NSW 4.3	Conduct surveillance and interdiction of enemy coastal shipping. V(L) - Plan and train.	F	F	F	L
SURFACE WARFARE (SUW) Note: Full SUW capabilities are provided when configured with the SUW mission MP.					
SUW 1 USING ANTI-SURFACE ARMAMENT, ENGAGE SURFACE THREATS.	Note: Engagement confined to small craft in the littorals, FAC and FIAC.				
SUW 1.5	Engage surface ships with intermediate caliber gunfire (i.e., 3"/75, 76mm). Note: Applies to 57mm gun. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L
SUW 1.6	Engage surface ships with minor caliber gunfire (i.e., 25mm, 20mm, .50 cal). Note: Applies to .50 cal for core seaframe and 30mm for SUW MP. III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	F	L	L	L

LCS CLASS WITH SUW MP		I	III	IV	V
SUW 1.10	<p>Conduct close-in surface self-defense using crew operated machine guns (i.e., 25mm, 20mm, .50 cal, .30 cal).</p> <p>Note: Applies to .50 cal for core seaframe and 30mm for SUW MP.</p> <p>III(L) - Requires temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L
SUW 1.13	<p>Engage surface ships with conventional air-to-surface ordnance.</p> <p>Note: Helo/VTUAV weapons.</p> <p>III(L) - Requires temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	F	L	L	L
SUW 1.14	<p>Direct embarked or non-organic armed helo to engage surface ships.</p> <p>Note: Also applies to UAV.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
SUW 1.15	<p>Engage surface ships with short-range missiles.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
SUW 2	ENGAGE SURFACE TARGETS IN COOPERATION WITH OTHER FORCES.				
SUW 2.1	<p>Conduct SUW as a member of an SG, SAG, URG, or amphibious force (e.g., CSG, ESG, SSG, amphibious task unit, ATG, ATF).</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L
SUW 2.2	<p>Conduct SUW to support surface forces.</p> <p>IV, V(L) - Plan and train.</p>	F	F	L	L

LCS CLASS WITH SUW MP		I	III	IV	V
SUW 2.3	Engage surface targets within assigned anti-surface sector. IV, V(L) - Plan and train.	F	F	L	L
SUW 2.4	Operate in coordination with land and sea based air forces in conducting long-range surface actions. IV, V(L) - Plan and train.	F	F	L	L
SUW 3	PROVIDE SUW DEFENSE OF A GEOGRAPHICAL AREA (E.G., ASSIGNED AO, BARRIER) INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES.				
SUW 3.1	Provide SUW defense of a geographical area. Note: Confined to the littoral/coastal areas only. V(L) - Plan and train.	F	F	F	L
SUW 4	DETECT, IDENTIFY, LOCALIZE, AND TRACK SURFACE SHIP TARGETS.				
SUW 4.1	Detect, localize, and track surface contacts with radar. V(L) - Plan and train.	F	F	F	L
SUW 4.4	Detect, identify, classify, and track surface contacts visually. Note: Helo/UAV/USV equipped EO sensor. V(L) - Plan and train.	F	F	F	L
SUW 4.5	Detect, identify, and track surface contacts with infrared equipment. Note: Helo/UAV/USV equipped. V(L) - Plan and train.	F	F	F	L
SUW 4.6	Detect, identify, classify, and track surface contacts by ESM. V(L) - Plan and train.	F	F	F	L
SUW 4.7	Identify surface contacts. V(L) - Plan and train.	F	F	F	L

LCS CLASS WITH SUW MP		I	III	IV	V
SUW 8	PROVIDE AIR OPERATIONS TO SUPPORT SURFACE ATTACKS.				
	Note: Applies to UAV and helo operations. Air controllers are provided with embarked MPs.				
SUW 8.1	Launch FW and/or RW aircraft. I(L) - RW only. Full capability requires embarked AVDET. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L
SUW 8.2	Recover FW and/or RW aircraft. I(L) - RW only. Full capability requires embarked AVDET. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L
SUW 8.5	Provide conventional ordnance within required aircraft turnaround times. I(L) - Full capability requires embarked AVDET. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L

LCS CLASS WITH SUW MP		I	III	IV	V
SUW 8.6	<p>Conduct air operations during all EMCON conditions.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
SUW 8.8	<p>Control aircraft under all conditions of active jamming.</p> <p>I(L) - Full capability requires embarked AVDET.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
SUW 8.9	<p>Load/unload ordnance within required aircraft turnaround times.</p> <p>I(L) - Full capability requires embarked AVDET.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L
SUW 8.11	<p>Conduct precision radar controlled approach for aircraft under all weather conditions.</p> <p>I(L) - Full capability requires embarked AVDET.</p> <p>I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel.</p> <p>IV, V(L) - Plan and train.</p>	L	L	L	L

LCS CLASS WITH SUW MP		I	III	IV	V
SUW 8.13	Control FW or RW SUW aircraft during coordinated search or attack operations including OTHT. I(L) - Full capability requires embarked AVDET. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L
SUW 8.14	Render safe hazardous explosive ordnance during flight operations and ordnance loading/unloading evolutions. I(L) - Full capability requires embarked AVDET. I, III(L) - May require temporarily securing personnel from other battle stations or augmentation from on-call/off-watch personnel. IV, V(L) - Plan and train.	L	L	L	L
SUW 9	ATTACK SURFACE SHIPS USING AIR-LAUNCHED ARMAMENT. Note: Applies to UAV and helo operations.				
SUW 9.4	Attack surface ships using air-to-surface guided missiles or anti-radiation weapons systems. IV, V(L) - Plan and train.	F	F	L	L
SUW 9.8	Evade hostile surface-to-air threats. IV, V(L) - Plan and train.	F	F	L	L
SUW 9.12	Attack surface ships using guns. IV, V(L) - Plan and train.	F	F	L	L
SUW 10	CONDUCT AIRBORNE OPERATIONS TO SUPPORT SURFACE ATTACK OPERATIONS.				

LCS CLASS WITH SUW MP		I	III	IV	V
SUW 10.4	Conduct flight operations during all EMCON conditions in support of SUW. IV, V(L) - Plan and train.	F	F	L	L
SUW 10.5	Provide OTHT information to support air SUW operations. IV, V(L) - Plan and train.	F	F	L	L
SUW 11 PERFORM DUTIES OF ACU FOR AIRCRAFT INVOLVED IN SUW OPERATIONS.					
SUW 11.1	Perform aircraft control for aircraft involved in SUW operations. IV, V(L) - Plan and train.	F	F	L	L
SUW 11.2	Plan/direct aircraft control for aircraft involved in SUW operations. IV, V(L) - Plan and train.	F	F	L	L
SUW 12 SUPPORT/CONDUCT ESCORTING AND INDEPENDENT SUW OPERATIONS.					
SUW 12.1	Conduct SUW operations while escorting a convoy and/or URG. I, III(L) - Coastal/littoral escort operations only. IV, V(L) - Plan and train.	L	L	L	L
SUW 12.2	Conduct SUW operations while escorting amphibious force (e.g., amphibious task unit, ESG, ATG, ATF). I, III(L) - Coastal/littoral escort operations only. IV, V(L) - Plan and train.	L	L	L	L
SUW 12.3	Conduct independent SUW operations. IV, V(L) - Plan and train.	F	F	L	L
SUW 12.4	Plan/direct independent SUW operations. IV, V(L) - Plan and train.	F	F	L	L

LCS CLASS WITH SUW MP		I	III	IV	V
SUW 12.5	Plan/direct SUW while escorting a convoy, URG and/or amphibious force. I, III(L) - Coastal/littoral escort operations only. IV, V(L) - Plan and train.	L	L	L	L
SUW 13 CONDUCT PRE-ATTACK DECEPTION IN SUPPORT OF SUW OPERATIONS.					
SUW 13.1	Perform pre-attack deception in support of SUW operations. IV, V(L) - Plan and train.	F	F	L	L
SUW 13.2	Plan/direct pre-attack deception in support of SUW operations. IV, V(L) - Plan and train.	F	F	L	L
SUW 14 REPAIR OWN UNIT'S SUW EQUIPMENT.		L	L/A	L/A	L
<p>Note: During conditions III and IV, increased capability on mission-specific repairs provided by on-call/off-watch personnel. During condition III and IV with SUW MP embarked, full capability on mission-specific repairs provided by on-call/off-watch personnel. During condition V, maintenance and repairs will be accomplished by the shore-based MST.</p> <p>I, V(L) - Basic emergency repairs to equipment critical to ship's mission. In condition V, the crew also performs organizational-level maintenance in port within its capability, limited by manning and competing time demands of other tasks.</p> <p>III, IV(L/A) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties. Repair capability can be augmented by off-watch personnel.</p>					
SUW 17 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S SUW CAPABILITIES.		L	L	L	L

LCS CLASS WITH SUW MP	I	III	IV	V
<p>I(L) - Emergency repairs to equipment critical to ship's mission. All critical combat system spaces manned with at least one technician in each space.</p> <p>III, IV(L) - Man watch stations sufficient to take immediate corrective action to counter emergent minor degradations or casualties.</p> <p>IV, V(L) - Plan and train.</p>				