



DEPARTMENT OF THE NAVY  
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OPNAV INSTRUCTION 3501.101F

From: Chief of Naval Operations

Subj: PROJECTED OPERATIONAL ENVIRONMENT AND REQUIRED OPERATIONAL CAPABILITIES FOR NAVY EXPEDITIONARY LOGISTICS SUPPORT GROUP

Ref: (a) OPNAVINST C3501.2L (NOTAL)  
(b) NTRP 1-03.5

Encl: (1) Required Operational Mission Areas and Readiness Condition Descriptions for Navy Expeditionary Logistics Support Group (NAVELSG)  
(2) Projected Operating Environment (POE) for Navy Expeditionary Logistics Support Group (NAVELSG)  
(3) Required Operational Capabilities (ROC) for Navy Expeditionary Logistics Regiments (NELR)  
(4) Required Operational Capabilities (ROC) for Navy Cargo Handling Battalion (NCHB) (Active Component (AC) and Reserve Component (RC))

1. Purpose

a. To issue the projected operational environment (POE) and the required operational capabilities (ROC) for the elements of the Navy Expeditionary Logistics Support Group (NAVELSG).

b. This instruction has been revised to update NAVELSG required readiness levels across the following mission areas: amphibious warfare (AMW); command, control, and communications (CCC); expeditionary warfare (EXW); fleet support operations (FSO); logistics (LOG); mobility (MOB); and missions of state (MOS). Additionally, the throughput estimation charts that are used for mission planning have been updated and expeditionary fuel operations are no longer listed as a mission assigned to Reserve Component (RC) elements only.

2. Cancellation. OPNAVINST 3501.101E.

3. Scope and Applicability. This instruction provides resource agencies information describing NAVELSG mission requirements, capabilities, and the types and locations of operational employment. Together, the ROC and POE establishes tasking which produces a measurable workload to compute personnel requirements for activity manpower documents.

4. Discussion. Enclosures (1) through (4) have been prepared pursuant to reference (a). Enclosures (1) through (4) should also be used to assist with determining specific mission area M-ratings reported under reference (b).

5. Action. Commander, Navy Expeditionary Combat Command (NAVEXPDCMBTCOM) should periodically review enclosures (1) through (4) and recommend changes to the Office of the Chief of Naval Operations (OPNAV) (Attention: Expeditionary Warfare Division (N957)) when mission or capabilities of NAVELSG are significantly altered. Change recommendation should include comments on the expected activity manpower document impact.

6. Records Management

a. Records created as a result of this instruction, regardless of format or media, must be maintained and dispositioned for the standard subject identification codes 1000 through 13000 series per the records disposition schedules located on the Department of the Navy/Assistant for Administration (DON/AA), Directives and Records Management Division (DRMD) portal page at <https://portal.secnav.navy.mil/orgs/DUSNM/DONAA/DRM/Records-and-Information-Management/Approved%20Record%20Schedules/Forms/AllItems.aspx>.

b. For questions concerning the management of records related to this instruction or the records disposition schedules, please contact the local records manager or the DON/AA DRMD program office.

7. Review and Effective Date. Per OPNAVINST 5217.27A, Navy Expeditionary Warfare Branch (OPNAV N95) will review this instruction annually on the anniversary of its issuance date to ensure applicability, currency, and consistency with Federal, Department of Defense (DoD), Secretary of the Navy, and Navy policy and statutory authority using OPNAV 5212/40 Review of Instruction. This instruction will be in effect for 5 years, unless revised or cancelled in the interim, and will be reissued by the 5-year anniversary date if it is still required, unless it meets one of the exceptions in OPNAVINST 5215.17A, paragraph 9. Otherwise, if the instruction is no longer required, it will be processed for cancellation as soon as the need for cancellation is known following the guidance in OPNAV Manual 5215.1 of May 2016.



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Releasability and distribution:

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REQUIRED OPERATIONAL MISSION AREAS AND READINESS CONDITION  
DESCRIPTIONS FOR NAVY EXPEDITIONARY LOGISTICS SUPPORT GROUP  
(NAVELSG)

1. Mission Areas. The primary mission of NAVELSG is to deliver expeditionary logistic capabilities to support combatant commanders (CCDR), combined joint task force commanders, Navy component commanders (NCC), or other Service and functional component commanders based on requirements and in support of the national military strategy. NAVELSG is capable of providing combat service support (CSS) during emergent task force missions, stability, security, transition, reconstruction operations, humanitarian assistance and disaster recovery operations, and defense support to civil authorities. NAVELSG organic units have the primary (P) and secondary (S) mission areas described in table 1-1.

NAVY EXEDITIONARY LOGISTICS SUPPORT GROUP (NAVELSG) AND NAVY EXEDITIONARY LOGISTICS REGIMENTS (NELR)											
AMW	CCC	IO	EXW	FHP	FSO	LOG	MOB	MOS	NCO		
P	P	S	P	P	P	P	P	S	S		
NAVY EXEDITIONARY LOGISTICS SUPPORT GROUP (NAVELSG) / NAVY CARGO HANDLING BATTALION (NCHB)											
AMW	CCC	CON	IO	EXW	FHP	FSO	LOG	MOB	MOS	NCO	STS
P	P	S	S	P	P	P	P	P	S	S	P
AMW = amphibious warfare CCC = command, control, and communications CON = construction EXW = expeditionary warfare FHP = force health protection FSO = fleet support operations						IO = information operations LOG = logistics MOB = mobility MOS = missions of state NCO = non-combat operations STS = strategic sealift					

(U) Table 1-1: Primary (P) and Secondary (S) Warfare Missions Areas

a. Navy expeditionary logistics regiments (NELR) provide both administrative and operational capabilities for their assigned units.

(1) Administrative. Oversight of assigned Navy cargo-handling battalions (NCHB) to ensure they are manned, trained, maintained, and equipped to provide programmed capabilities to support expeditionary logistics, cargo handling, and port operations.

(2) Operational Control. Command and control (C2) and operational tasking over assigned units' operational missions. NELRs provide expeditionary support for logistics, cargo handling and port operations, when required. If the size of the mission requires, a task organized NELR staff can deploy to provide C2 for expeditionary logistics, cargo handling and port missions. Each NELR includes a communication detachment that provides tactical and non-tactical voice and automated data information systems for assigned units.

- b. NCHBs provides the capabilities listed in subparagraphs 1b(1) and 1b(2).

(1) Operational Mission Areas. Load and discharge cargo carried in Military Sealift Command (MSC) ships, MSC-controlled commercial ships and maritime pre-positioning ships (MPS); conduct ocean terminal operations, including cargo transport from the pier to a marshalling yard and staging point; load and discharge passengers, bulk mail, and cargo from Air Mobility Command (AMC) or military-controlled aircraft; report, handle, and transport ordnance, including receipt, stowage, and issue; operate refueling systems for aircraft and ground support equipment (GSE); and operate and maintain bulk fuels storage facilities and laboratory. NCHBs will also provide for expeditionary mail support to transport bulk mail to a mail distribution center from an ocean or air terminal.

(2) Operational Support Mission Areas. Provide CSS to designated units. Capabilities include field messing and billeting for internal camp staffing; vehicle maintenance and dispatch, to include maintenance and material management and table of allowance (TOA) management and vehicle distribution; organic tent camp support provided by a camp maintenance component, including establishment of camp power distribution, trouble desk management, and tent camp utilities for assigned units; and armory personnel to set-up and manage a field armory for assigned units.

2. Readiness States. Readiness states describe the conditions by which ROC will be assessed.

a. Readiness State I (Full Contingency Readiness). Significant strategic or tactical indications of imminent hostilities. While in readiness state I, NAVELSG units must be capable of full command deployment or in functionally tasked detachments. This state supports war and operations executed at defense conditions (DEFCON) I and II. Transition to this maximum state of readiness begins with the declaration of DEFCON II (heightened tensions or indications that an enemy force is taking actions which increase its readiness for attack) with an objective for full implementation prior to the onset of DEFCON I. All watch stations and vital positions will be manned to sustain operations in the designated command configuration indefinitely once implementation is complete. The units will take all measures necessary to ensure all primary and battle- redundant systems are maintained in a maximum state of readiness.

b. Readiness State II (Tailored Contingency Readiness). Significant strategic or tactical indications of potential limited hostilities or regional, localized civil assistance operations.

c. Readiness State III (Current Operations Readiness). Conducting current operations without augmentation or recalled RC assets. Watch stations and vital positions to sustain theater and local operations at DEFCON IV or III are manned and ready. Readiness state III indicates geopolitical instability exists in the area of operations (AO) which requires constant vigilance and monitoring for rapidly escalating adverse effects and the possibility of force involvement exists. This readiness state is the sum total of those watch stations and vital positions that enable routine operations in DEFCON IV and the additional watch stations and vital positions required

to immediately surge to a level to support DEFCON III. The Active Component (AC), Navy Cargo Handling Battalion ONE (NAVCARGOBN ONE), is able to execute operations in advance of augmentation support. All personnel to support this readiness state must be permanent unit's company assets. The unit and supporting commands will take all measures necessary to ensure all primary equipment is maintained in a maximum state of readiness and will perform routine organizational level maintenance.

d. Readiness State IV (Training Readiness). In a non-deployed environment monitoring the administrative, operational, and material readiness of the unit and routinely conducting or participating in exercises. The unit participates in pertinent operational plan (OPLAN) and contingency plan reviews. The unit will exercise and simulate surging to readiness states I, II, and III. Permanent unit's company personnel will be afforded the opportunity to take leave and liberty consistent with exercise and regular work requirements. The unit will take all measures necessary to ensure all primary equipment is maintained in a maximum state of readiness and will perform routine organizational level maintenance.

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

a. Capabilities

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

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

b. Modifiers

(1) "A" = "Augmentation" - The capability is to be either fully or partially achieved for a limited time during the condition. The capability is achieved by using off-watch or off-duty personnel. This symbol is always associated with an "F" or "L" and establishes a requirement for personnel to be trained, available, and on call to augment existing watch stations as required.

(2) "E" = "Special Team" - The capability is to be either fully or partially achieved for a limited time during the condition. The capability is achieved by using off watch special teams or

details. This symbol is always associated with an “F” or “L” and denotes a capability which does not require continuous watch manning. Teams and details as set may either supplement or replace all or part of the existing watch organization.

MODIFIER	CAPABILITY	
	FULL	LIMITED
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

c. Unit's Own and External Personnel Resources. Normally, using an "A" or an "E" requires no amplifying statement, as their meanings are predefined. However, for host platforms or detachments which routinely embark external resources, the meaning may not be clear as to whether the augmentation should be provided by the unit's personnel or an external resource. This ROC and POE instruction shows:

- (1) if the resource is unit's company, no elaboration or statement is provided;
- (2) if the resource is external for "F," a note is added to the ROC stating the resource; and
- (3) if the resource is external for "L," the resource is added to the capability limiting statement.

PROJECTED OPERATING ENVIRONMENT (POE) FOR  
NAVY EXPEDITIONARY LOGISTICS SUPPORT GROUP (NAVELSG)

1. Commander, Navy Expeditionary Logistics Support Group (COMNAVELSG) consists of a headquarters staff and a combination of Active and Reserve NELRs and NCHBs. Each regiment (with appropriate battalion(s)) or a battalion is capable to function as an advanced base functional component, capable of rapid worldwide deployment as task organized detachments, independent, or combined units.
2. The First Navy Expeditionary Logistic Regiment and NAVCARGOBN ONE are the only AC units. All other units are commissioned Navy RC units. All units are operating forces under administrative control of COMNAVELSG. The various CCDR plans and OPLANs supporting the defense planning guidance establish the requirement for these units.
3. NAVELSG elements support CCDRs and service mission requirements. These NAVELSG elements have the ability to operate day or night, in all weather conditions, and in a variety of operational environments including inland, coastal and littoral and inshore, harbor, and riparian environments.
4. The most demanding POE for NAVELSG units is a deployment to create and support advanced logistics support sites, forward logistics sites, or other logistics sites within an AO to support a Marine air-ground task force, Marine expeditionary force, or other military forces. NAVELSG units can operate in climate extremes ranging from severe cold weather to hot humid and hot dry environments.
5. NAVEXPDCMBTCOM units focus on expeditionary operations that include environments, situations, and locations with the potential threat conditions listed in subparagraphs 5a through 5c.
  - a. Permissive. An operational environment in which the host country military and law enforcement agencies have control, as well as the intent and capability, to assist the operations that a unit intends to conduct.
  - b. Uncertain. An operational environment in which host government forces, whether opposed to or receptive to operations that a unit intends to conduct, do not have totally effective control of the territory and population in the intended operational area.
  - c. Hostile. In combat and combat support operations, an identity applied to a track declared to belong to any opposing nation, party, group, or entity, which by virtue of its behavior or information collected on it such as characteristics, origin, or nationality contributes to the threat to friendly forces.

6. NAVELSG forces receive basic combat skills training, basic mission-specific training, and advanced team training to support deployment. NAVELSG elements can provide perimeter security and security force augmentation.
7. The C2 mission may require NAVELSG commodores or commanding officers to serve as a limited Navy support element (NSE) commander in the absence of the beach group commander (MPS pier side operations) or may require reporting to a variety of higher authorities.
  - a. Logistics commander, as assigned by higher authority.
  - b. Naval beach group (NAVBEACHGRU) commander, as part of the NSE, during MPS operations.
  - c. Logistics over-the-shore or joint logistics over-the-shore operations (JLOTS) operational commander.



REQUIRED OPERATIONAL CAPABILITIES (ROC)  
FOR NAVY EXPEDITIONARY LOGISTICS REGIMENTS (NELR)

1. Commodores of the NELRs are the operational and administrative immediate superior in command for their assigned NCHBs and report directly to COMNAVELSG. The wide geographic distribution and available force structure limitations of the RC NELRs result in slight differences between the AC and RC NELRs. However, all NELRs must conduct the functions listed in subparagraphs 1a through 1i.

- a. Provide administrative control and operational control for subordinate units (battalions).
- b. Ensure NELR staff and subordinate units are manned, trained, equipped, and maintained to their required capabilities.
- c. Be prepared to deploy a larger C2 staff element in support of expeditionary logistics.
- d. Provide organic expeditionary communications capabilities for the NELR and subordinate units. This includes providing personnel, equipment, and organizational level maintenance to establish and maintain tactical and non-tactical automated voice and data information system connectivity worldwide.
- e. Assist in adaptive planning and crisis action planning for assigned subordinate units in direct support of CCDRs, joint forces maritime component commanders (JFMCC), and NCCs relating to port cargo-handling missions, CSS, and transportation requirements. Provide sustainment estimates by class of supply as required.
- f. Provide feedback on the training curricula.
- g. Determine and coordinate the specific TOA equipment required for missions in an assigned geographical region and assist with identifying equipment available to fulfill these missions. This requirement depends on the availability of host nation (HN) support and the availability of U.S. air lift capacity.
- h. Manage assigned training budgets within the current fiscal year and provide input for training and operating budgets for follow-on fiscal years.
- i. Monitor the execution of the optimized fleet response plan for self and subordinate units.

2. NELRs are capable of simultaneously performing assigned primary and secondary missions. Primary mission capabilities assume 24-hour operations with two 12-hour shifts. NELRs' capabilities and functions are listed in subparagraphs 2a through 2c.

- a. Provide a scalable and deployable forward headquarters C2 staff element to fit the number of assigned units.
  - b. Coordinate with NAVELSG staff to perform several functions as per subparagraphs 2b(1) through 2b(5).
    - (1) Assist in scheduling unit resources for support of planned and unplanned fleet operations and exercises.
    - (2) Coordinate unit and individual recalls and mobilizations to support assigned operations.
    - (3) Provide budget information for assigned TOAs and training during the Planning, Programming, Budgeting and Execution process.
    - (4) Coordinate and ensure execution of training schedules per the optimized fleet response plan for self and subordinate units.
    - (5) Maintain continuous assessment of itself and subordinate units.
  - c. Man, train, and equip an expeditionary communications detachment (ECD) with organic personnel and equipment to establish and maintain tactical and non-tactical voice and automated data information systems for assigned units. This includes high frequency (HF), very high frequency (VHF) and ultra-high frequency (UHF) radios. Additional capabilities are to provide communications security and electronic key management systems, communication plan development and transmit and receive information, internally and externally, for assigned units.
3. NELRs are able to provide individual defensive functions in the immediate AO, and direct and plan protection of NAVELSG personnel, camps, and job sites against enemy ground forces. If not co-located with subordinate unit, organic perimeter security needs to be provided by adjacent or subordinate unit's personnel. NELR staff personnel receive small arms and personal chemical, biological, and radiological (CBR) defensive gear, as identified in the TOA. The basic defensive functions include:
- a. individual self-protection, and
  - b. CBR protection and individual decontamination.
4. Planning data and assumptions are per subparagraphs 4a through 4f.
- a. A NELR, when deployed, will report to a theater logistics commander during readiness condition I (wartime).

b. Subordinate units may be under the tactical control of a JFMCC or land component commander when deployed in support of military operations.

c. The AC NELR stores, maintains, and provides security for TOA weapons allowance at their armory located at Naval Weapons Station (WPNSTA) Yorktown-Cheatham Annex, Virginia. Upon mobilization, Naval Surface Warfare Center (NAVSURFWARCEN), Crane, Indiana, dispatches the necessary weapons allowances to support RC mission requirements.

d. NELRs are unable to provide self-sustainment beyond 30 days of operations. The supported command element must provide messing, berthing, ground transportation, perimeter security force, and administrative spaces unless the NELR is co-located with assigned units. If co-located, the NELR can use organic support from subordinate units.

e. When operating in an isolated area beyond the 30-day time period, the following classes of supply must be provided by the supported host unit or activity: classes I (water, meals ready to eat, and unitized group rations), II, III, V, VI, VIII, and IX. Improved camps require TOA facilities and equipment if not provided by the supported host unit or activity, as well as personnel support for subordinate units.

f. NELR basic organic personnel support equipment includes:

(1) individual combat shelters,

(2) sleeping bags, and

(3) personnel gear issue (PGI).

5. NELRs can maintain communication internal to its organization, to adjacent units as well as higher. Communications capabilities are limited and tactical in nature; encryption capability exists, but without an organic message generation capability or communications repair facility. NELRs can provide limited Secret Internet Protocol Router via a stand-alone terminal and the NELR can tie into existing service or those services provided by a mobile ashore support terminal.

6. NELRs provide OPLAN and operational order reviews and provide input to the expeditionary logistics aspects of those plans.

7. The AC NELR can deploy with personnel, weapons, and PGI within 72 hours of receiving an execution order (EXORD). RC NELRs can deploy with personnel, weapons, and PGI within 15 days of receiving a mobilization order.

REQUIRED OPERATIONAL CAPABILITIES

ROC	ROC DEFINITION	READINESS STATE			
		I	II	III	IV
<b>AMW</b>	<b>AMPHIBIOUS WARFARE (AMW)</b>				
<b>AMW 1</b>	<b>LOAD, TRANSPORT, AND LAND COMBAT EQUIPMENT, MATERIAL, SUPPLIES, AND ATTENDANT PERSONNEL OF A FORCE OR GROUP IN AN AMPHIBIOUS OPERATION.</b>				
AMW 1.6	Plan/direct the loading, transporting and landing of combat equipment, material and supplies with attendant personnel in an amphibious operation.  I-IV (L) Restricted to planning cargo offload of MSC controlled assault follow-on echelon (AFOE) shipping.	L	L	L	L
<b>AMW 3</b>	<b>RE-EMBARK AND TRANSPORT EQUIPMENT, MATERIALS, SUPPLIES, AND PERSONNEL.</b>				
AMW 3.9	Plan/direct the re-embarkation and transportation of equipment, materials, supplies and personnel.  I-IV (L) Restricted to planning cargo load out of MSC controlled AFOE shipping and coordinate for own unit only.	L	L	L	L
<b>AMW 11</b>	<b>CONDUCT AMPHIBIOUS CARGO HANDLING OPERATIONS.</b>				
AMW 11.1	Plan/direct amphibious cargo handling operations.  I-IV (L) Restricted to planning cargo offload of MSC controlled (AFOE) shipping.	L	L	L	L
AMW 11.2	Conduct amphibious cargo handling operations.  I-IV (L) Restricted to planning cargo offload of MSC controlled (AFOE) shipping.	L	L	L	L
<b>AMW 42</b>	<b>CONDUCT MARITIME REPOSITIONING FORCE (MPF) OPERATIONS.</b>				
AMW 42.1	Plan/direct MPF operations.  I-IV (L) Restricted to planning and coordination of NAVELSG assigned units during cargo offload/onload.	L	L	L	L
AMW 42.3	Coordinate and control the NSE during MPF operations.  I-IV (L) Restricted to operations where NELR has the	L	L	L	L

	dominant role, i.e., during pier side MPF operations where there is little requirement for the beach group, amphibious construction battalion (ACB) and other ship-to-shore elements.				
<b>CCC</b>	<b>COMMAND, CONTROL, AND COMMUNICATIONS (CCC)</b>				
<b>CCC 2</b>	<b>COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</b>				
CCC 2.17	Coordinate and control NAVBEACHGRU and other designated NSE units engaged in amphibious landing operations.  IV (L) Plan and train.  I-III (L) Restricted to C2 of subordinate units when requested by the operational commander.	L	L	L	L
CCC 2.20	Control offload and ship-to-ship operations in an MPF operation.  IV (L) Plan and train.  I-III (L) Plan and direct for subordinate and assigned units.	L	L	L	L
CCC 2.28	Control offload and ship-to-shore movement of cargo during AFOE and JLOTS operations.  IV (L) Plan and train.  I-III (L) Plan and direct for subordinate and assigned units.	L	L	L	L
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S C2 FUNCTIONS.</b>				
CCC 3.1	Maintain a combat information center (CIC) or combat direction center (CDC) capable of collecting, processing, displaying, evaluating, and disseminating tactical information.  Note: NAVELSG refers to this as tactical operations center (TOC)/logistical operations center (LOC).	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.	F	F	F	F
CCC 3.8	Establish voice communications with U.S. Marine Corps (USMC) evacuation and command nets and naval support	F	F	F	F

	activity (NSA) net.				
CCC 3.11	Establish voice communications with supported forces.	F	F	F	F
CCC 3.12	Repair own unit's CCC equipment.  I-IV (L) Restricted to organizational level maintenance.	L	L	L	L
<b>CCC 6</b>	<b>PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>				
CCC 6.1	Maintain tactical voice communications.	F	F	F	F
CCC 6.6	Process messages.	F	F	F	F
CCC 6.12	Maintain internal c communications systems.	F	F	F	F
CCC 6.19	Provide tactical, secure voice or data communications	F	F	F	F
<b>CCC 18</b>	<b>DEVELOP, COORDINATE AND CONTROL COMMUNICATION PLANS FOR INTEGRATED GROUP COMMUNICATIONS AMONG WARFARE COMMANDERS AND NAVAL, COMBINED, OR JOINT FORCES.</b>  I-IV (L) Restricted to support subordinate and assigned units.	L	L	L	L
<b>CCC 20</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S CCC CAPABILITIES.</b>	F	F	F	F
<b>CCC 25</b>	<b>ACTIVATE CRISIS ACTION PROCEDURES.</b>				
CCC25.1	Establish an operational planning team.	F	F	F	F
<b>CCC 31</b>	<b>COORDINATE AND INTEGRATE MULTINATIONAL AND INTERAGENCY OPERATIONS.</b>				
CCC 31.4	Coordinate plans with non-DoD agencies.	F	F	F	F
<b>CCC 32</b>	<b>COORDINATE AND MANAGE ALL AUTOMATED COMMAND, CONTROL, AND COMMUNICATIONS SYSTEM SUPPORT.</b>				
CCC 32.1	Coordinate frequency spectrum and space segment requirements and allocations.  I-IV (L) Restricted to support subordinate and assigned units.	L	L	L	L
CCC 32.2	Plan, coordinate and supervise communications security assets throughout the assigned AO.  I-IV (L) Restricted to support subordinate and assigned units and equipment.	L	L	L	L
CCC 32.3	Establish the communications concept of operations.  I-IV (L) Restricted to support subordinate and assigned units.	L	L	L	L
CCC 32.5	Identify communication system nodes that require protection.  I-IV (L) Restricted to support subordinate and assigned units	L	L	L	L

	and equipment.				
CCC 32.6	Coordinate, plan and manage deployable communication system assets.	F	F	F	F
<b>CCC 34</b>	<b>ASSESS AND DIRECT COMMAND, CONTROL, AND COMMUNICATIONS LIASION.</b>				
CCC 34.2	Plan and direct liaison with supported commands.	F	F	F	F
<b>IO</b>	<b>INFORMATION OPERATIONS (IO)</b>				
<b>IO 4</b>	<b>PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>				
IO 4.11	Plan, coordinate, and control implementation of OPSEC measures.  I-IV (L) Plan and direct for subordinate and assigned units.	L	L	L	L
IO 4.12	Execute OPSEC measures.	F	F	F	F
<b>EXW</b>	<b>EXPEDITIONARY WARFARE (EXW)</b>				
<b>EXW 2</b>	<b>CONDUCT LANDSIDE SECURITY OPERATIONS.</b>				
EXW 2.7	Operate in coordination with other NAVEXPDCMBTCOM units and naval/ joint/combined forces in support of landside security.	F	F	F	F
EXW 2.8	Provide theatre security cooperation support to HN security forces	F	F	F	F
<b>EXW 6</b>	<b>MAINTAIN EXPEDITIONARY COMMUNICATIONS CAPABILITY.</b>				
EXW 6.1	Set-up and maintain a mobile communications system.	F	F	F	F
EXW 6.2	Maintain encrypted HF, VHF, UHF and super-high frequency voice and data communications.	F	F	F	F
EXW 6.3	Establish voice communications with USMC evacuation and command nets, NSA, Air Force, Army, local law enforcement and homeland defense nets.	F	F	F	F
EXW 6.4	Operate expeditionary communications in coordination with other NAVEXPDCMBTCOM units and naval/joint/combined forces.	F	F	F	F
EXW 6.5	Conduct OPSEC.	F	F	F	F
EXW 6.6	Conduct emissions control (EMCON) as directed by higher authority.	F	F	F	F
EXW 6.7	Conduct routine and preventative maintenance (PMS) on a mobile communication system.	F	F	F	F
EXW 6.8	Plan the force's tactical use of information systems; command, control, communications, computers, and intelligence (C4I) architecture; databases and sensors.	F	F	F	F
<b>EXW 9</b>	<b>CONDUCT BASE CAMP OPERATIONS IN AN EXPEDITIONARY ENVIRONMENT.</b>				
EXW 9.1	Conduct a site survey to ascertain location,	F	F	F	F

	drainage/sanitation, security, access and force integration.				
EXW 9.2	Conduct liaison with HN and other naval/joint/combined forces for support of base camp operations.	F	F	F	F
EXW 9.6	Plan/direct base camp operations in an expeditionary environment.	F	F	F	F
<b>EXW 10</b>	<b>CONDUCT C2 IN AN EXPEDITIONARY ENVIRONMENT.</b>				
EXW 10.1	Plan/direct expeditionary warfare operations.	F	F	F	F
EXW 10.4	Exercise C2 of expeditionary logistic support units, when assigned.	F	F	F	F
EXW 10.8	Exercise C2 of NAVEXPDCMBTCOM expeditionary support package, task force, task group, task unit or other joint or combined task force or subordinate component.	F	F	F	F
<b>EXW 12</b>	<b>CONDUCT EXPEDITIONARY WARFARE SUPPORT OPERATIONS</b>				
EXW 12.1	Provide administrative services to subordinate units.	F	F	F	F
EXW 12.5	Provide individual protective clothing and equipment to sufficiently protect personnel in a CBR-contaminated environment.  Note: For deployed personnel only.	F	F	F	F
<b>FHP</b>	<b>FORCE HEALTH PROTECTION (FHP)</b>				
<b>FHP 23</b>	<b>PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.</b>				
FHP 23.9	Conduct associated administrative maintenance services:  (a) Perform routine medical administrative services.	F	F	F	F
<b>FSO</b>	<b>FLEET SUPPORT OPERATIONS (FSO)</b>				
<b>FSO 20</b>	<b>PROVIDE FLEET TRAINING SERVICES</b>				
FSO 20.10	Provide technical guidance and assistance to fleet units in cargo handling and underway replenishment operations.  I-IV (L) Restricted to cargo handling guidance and assistance.	L	L	L	L
<b>FSO 46</b>	<b>MONITOR ASSIGNED UNITS' ADMINISTRATIVE PROCEDURES.</b>	F	F	F	F
<b>FSO 47</b>	<b>MONITOR ASSIGNED UNITS' OPERATIONAL PROCEDURES.</b>	F	F	F	F
<b>FSO 48</b>	<b>MONITOR ASSIGNED UNITS' READINESS.</b>	F	F	F	F
<b>FSO 55</b>	<b>MAINTAIN READINESS BY PROVIDING FOR TRAINING OF OWN UNIT'S PERSONNEL.</b>	F	F	F	F
<b>MOB</b>	<b>MOBILITY (MOB)</b>				
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE.</b>				
MOB 3.2	Counter and control CBR contaminants/agents.	L	L	L	L



	I-IV (L) Restricted to individual protective measures. For deployed personnel only.				
MOB 3.3	Maintain security against unfriendly acts.  IV (L) Plan and train.  I-III (L) Restricted to individual protective measures.	L	L	L	L
<b>MOB 11</b>	<b>MAINTAIN MOUNT-OUT CAPABILITIES.</b>				
MOB 11.1	Deploy with organic allowance within designated time period.  Note: AC deploys within 72 hours after receipt of EXORD with only personnel and personal gear and within 6 days after receipt of EXORD with all unit gear. RC within 15 days after receipt of mobilization orders with only personnel and personal gear and 30 days for all unit gear.	F	F	F	F
MOB 11.2	Mount-out selected elements/detachments.  Note: AC component deploys within 72 hours after receipt of EXORD with only personnel and personal gear and within 6 days after receipt of EXORD with all unit gear. RC within 15 days after receipt of mobilization orders with only personnel and personal gear and 30 days for all unit gear.	F	F	F	F
MOB 11.3	Maintain capability for rapid airlift of unit/detachment as directed.  Note: AC deploys within 72 hours after receipt of EXORD with only personnel and personal gear and within 6 days after receipt of EXORD with all unit gear. RC within 15 days after receipt of mobilization orders with only personnel and personal gear and 30 days for all unit gear.	F	F	F	F
<b>MOB 12</b>	<b>MAINTAIN THE HEALTH AND WELL BEING OF THE CREW.</b>				
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	F
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect personnel identified being at risk in a CBR-contaminated environment.  Note: Required for deployed unit personnel only.	F	F	F	F
<b>MOB 13</b>	<b>MAINTAIN RESERVE UNIT MOBILIZATION</b>				

	<b>READINESS (INACTIVE RESERVE UNITS ONLY).</b>				
MOB 13.1	Ensure personnel are onboard and their associated records are ready for immediate mobilization.	F	F	F	F
MOB 13.3	Conduct immediate crisis response.  I-IV (L) Plan and direct for subordinate and assigned units.	L	L	L	L
<b>MOB 14</b>	<b>CONDUCT OPERATIONS ASHORE.</b>				
MOB 14.1	Operate in climate extremes ranging from severe cold weather to hot- humid (tropical) to hot-dry (desert) and coastal/ocean environments.	F	F	F	F
MOB 14.2	Operate in rear of combat zone in afloat pre-positioning force (APF) or Marine expeditionary brigade (MEB) operation.	F	F	F	F
MOB 14.5	Conduct peacetime activation, mount- out and movement exercises of selected personnel and equipment to ensure capability of contingencies involving naval forces short of a general war.	F	F	F	F
MOB 14.7	Provide qualified personnel to conduct site surveys.	F	F	F	F
<b>MOB 19</b>	<b>PLAN, DIRECT, COORDINATE AND CONDUCT OPERATIONAL MOVEMENT.</b>				
MOB 19.2	Conduct intra-theatre deployment and redeployment of forces within the theater of operations/assigned AO.  Note: Movement of NAVEXPDCMBTCOM forces.	F	F	F	F
<b>MOS</b>	<b>MISSIONS OF STATE (MOS)</b>				
<b>MOS 1</b>	<b>PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.</b>				
MOS 1.8	Participate in military exercise with allied nations.		F	F	F
MOS 1.9	Participate in military exercise with non-allied nations.		F	F	F
<b>MOS 2</b>	<b>PROVIDE HUMANITARIAN ASSISTANCE.</b>				
MOS 2.9	Plan, direct, and coordinate disaster assistance evacuation.	F/A	F/A	F	F
MOS 2.10	Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis.  I-IV (L) Conduct resource planning and coordination of subordinate and assigned units.	L	L	L	L
<b>MOS 3</b>	<b>PERFORM PEACEKEEPING.</b>				
MOS 3.2	Provide logistics support for a joint/allied peacekeeping force.  IV (L) Plan and train.  I-III (L) Plan and direct for subordinate and assigned units.	L	L	L	L
<b>MOS 7</b>	<b>PROVIDE SECURITY ASSISTANCE.</b>				

MOS 7.1	Participate in programs authorized by the Foreign Assistance Act, the Arms Export Control Act or other U.S. Statues.  I-IV (L) Limited to the capabilities of own/supporting unit personnel and equipment.	L	L	L	L
MOS 7.2	Provide mobile training team or other training assistance.  I-IV (L) Limited to the capabilities of own/supporting unit personnel and equipment.	L	L	L	L
<b>MOS 8</b>	<b>PROVIDE AT ASSISTANCE.</b>				
MOS 8.2	Provide training and advice on how to reduce vulnerability to terrorism and other threats, particularly in the maritime environment.  III-IV (L) Limited to capacity of unit's assigned staff officers from appropriate community with appropriate training/qualification.	F/A	F/A	L	L
MOS 8.10	Conduct liaison with the local U.S. security assistance (SA) organization.  III-IV (L) Limited to capacity of unit's assigned staff officers from appropriate community with appropriate training/qualification.	F/A	F/A	L	L
MOS 8.12	Conduct pre-deployment/pre-overseas travel antiterrorism (AT) awareness training for:  (a) Unit (b) Detachment (c) Temporary assigned duty (TAD)/temporary duty (TDY) personnel (d) Permanent change of station (PCS) (to overseas locations) (e) Leave	F/A	F/A	F	F
MOS 8.15	Assimilate and disseminate AT intelligence on terrorist activities directed at U.S. military installations, ships, and personnel.  (a) Monitor threat information flow (b) Request or possible terrorist activity (c) Disseminate threat information to unit personnel (d) Apply DoD terrorist threat analysis methodology  III-IV (L) Limited to unit level responsibility.	F/A	F/A	L	L

MOS 8.16	Integrate AT efforts into unit operations.  (a) Assign unit FP officer (b) Implement AT program (c) Coordinate AT in overseas location with host country/host command (d) Implement local force protection condition (FPCON) measures (e) Implement unit terrorist incident response plan  III-IV (L) Limited to unit level responsibility.	F/A	F/A	L	L
<b>MOS 14</b>	<b>SUPPORT CIVIL-MILITARY OPERATIONS (CMO) / CIVIL AFFAIRS OPERATIONS (CAO) THROUGHOUT ALL PHASES OF CONFLICT.</b>				
MOS 14.3	Conduct cultural briefings to supported units.	F	F	F	F
<b>MOS 16</b>	<b>FOREIGN HUMANITARIAN ASSISTANCE.</b>				
MOS 16.14	Conduct foreign humanitarian assistance.  IV (L) Plan and train.  I-III (L) Plan and direct for subordinate and assigned units.	L	L	L	L
<b>MOS 26</b>	<b>PROVIDE FUNCTIONAL SPECIALTY SUPPORT FOR CMO.</b>				
MOS 26.3	Provide port operations support.  I-IV (L) Plan and direct for subordinate and assigned units.	L	L	L	L
<b>NCO</b>	<b>NONCOMBAT OPERATIONS (NCO)</b>				
<b>NCO 2</b>	<b>PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>				
NCO 2.1	Provide supply support services.	F	F	F	F
NCO 2.2	Provide clerical services.	F	F	F	F
NCO 2.7	Provide inventory and custodial services.	F	F	F	F
<b>NCO 10</b>	<b>PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>				
NCO 10.4	Provide disaster assistance and evacuation.  I-IV (L) Conduct resource planning and coordination of subordinate and assigned units.	L	L	L	L

REQUIRED OPERATIONAL CAPABILITIES (ROC) FOR NAVY CARGO HANDLING  
BATTALION (NCHB) (ACTIVE COMPONENT (AC) AND RESERVE COMPONENT (RC))

1. An NCHB performs the primary functions listed in subparagraphs 1a through 1j.
  - a. Rapidly deploy or mobilize personnel as mission tasked detachments, independent units, or groups responding to worldwide requirements.
  - b. Load and discharge cargo carried in MSC owned and chartered commercial ships, either via in-stream or pier-side operations.
  - c. Perform heavy lift crane operations in support of the MPF squadron and any other ships as required, for example; container ships, fast sealift ships auxiliary crane ships and large, medium speed roll-on and roll-off ships, dry cargo and ammunition ship (T-AKE), expeditionary fast transport ships (T-EPF), expeditionary transfer dock ships (T-ESD), and expeditionary sea base ships (T-ESB).
  - d. Operate an expeditionary ocean and air cargo terminal.
  - e. Report and handle ordnance including the receipt and transshipment of ordnance from combat logistics force ships, MSC ships or MSC-chartered commercial ships at an ammunition supply point (ASP).
  - f. Provide a forward C2 element to augment theater task forces and groups to facilitate logistics requirements for forward-deployed NCHB.
  - g. Provide CSS. This function is typically organic to NAVELSG units, but can augment external forces, if directed. CSS includes:
    - (1) field messing and billeting for internal and organic camp staffing;
    - (2) vehicle maintenance and dispatch including maintenance and material management and TOA management;
    - (3) camp maintenance and organic tent camp support including establishment of camp power distribution, trouble desk management, and utilities for assigned units; and
    - (4) providing armory personnel to establish and manage a field armory for assigned units.
  - h. Assist NELR in adaptive planning and crisis action planning processes, when required.
  - i. Provide feedback on training curricula.

j. Provide customs agent and preclearance procedure support (with training) to deployers and redeployers to include inspection of personnel, baggage, equipment, weapons, vehicles, classified materials and documents, and rotary aircraft.

2. NCHBs can simultaneously perform their primary and secondary missions. Primary mission capabilities assume the NCHB conducts 24-hour operations with two 12-hour shifts.

3. Since NCHBs operate in expeditionary environments, they can provide basic defensive functions within the immediate operating area to protect NAVELSG personnel, camps, and job sites against enemy ground forces. The standard TOA includes crew served weapons, small arms and personal chemical and biological defense gear. These defensive functions include:

- a. entry control point (ECP) security for an immediate camp area;
- b. augmenting existing perimeter defense (internal camp and work sites only);
- c. defensive reaction response; and
- d. CBR protection and individual decontamination.

4. Primary mission capabilities decrease as defensive requirements and combat situations increase.

5. The principal tasks and capabilities of an NCHB fall under six operational areas and one operational support area, listed in subparagraphs 5a and 5b. If HN or other service support is unavailable, the required TOA assets must be brought to the theater of operations to support mission capabilities.

a. Operational Areas and Projected Taskings

(1) MPS and AFOE Cargo Handling Operations. Provide C2 functions, cargo handling and support personnel to discharge and load (pier-side or in-stream) all classes of cargo including hazardous materials (HAZMAT) and ammunition. Conduct port terminal operations in developed or undeveloped ports. Port terminal operations include:

- (a) discharging and loading containers, break-bulk cargo, vehicles and ordnance;
- (b) operating shipboard heavy lift pedestal and gantry cranes-and jumbo booms;
- (c) performing heavy lift crane operations in support of the MPF squadron, container ships, fast sealift ships auxiliary crane ships, and large, medium speed, roll-on and roll-off ships; and

(d) providing technical assistance in the area of cargo handling to the CCDR, joint task force commander, JFMCC, and the NCC.

(2) Cargo Terminal Operations

(a) Provide cargo handling personnel for transportation of cargo and material to and from transit warehouses, marshalling yards, or staging areas to include point of embarkation or debarkation. If operating in a hostile environment augmentation of convoy security is needed.

(b) Direct pier operations and pier clearance, controlling and handling of ship discharging and loading.

(c) Perform cargo HAZMAT certification and documentation.

(d) Operate TOA materials handling equipment (MHE) in support of cargo movement operations.

(e) Provide expeditionary mail support to transport bulk mail from an ocean terminal to a mail distribution center.

(3) Expeditionary Ocean Terminal Operations. Provide managerial, clerical, and cargo handling personnel to operate an expeditionary ocean terminal including a transit warehouse and staging area and marshalling yard for processing cargo identified by a transportation control number.

(a) Document cargo via in-transit visibility operating systems.

(b) Perform cargo HAZMAT certification and documentation, as well as ordnance handling.

(4) Ordnance Handling Teams

(a) Provide ordnance handling personnel for onload and offload of ammunition to include transshipment to ASP.

(b) Provide ordnance reporting personnel and equipment for receipt of ordnance via ordnance information technology.

(c) Scan and report ordnance status at any off-loading or on-loading site via ordnance information systems. Additional qualified personnel are required to complete hazardous documentation.

(d) Ordnance groups certified to handle include small arms, grenades, surface missiles, sub-surface missiles, and torpedoes.

(5) Expeditionary Air Cargo Operations

(a) Provide C2, air cargo handling, and support personnel to operate an air terminal with an air terminal operations center.

(b) Interface with the NCC's logistics and air operations coordinators, as well as AMC representatives.

(c) Coordinate with load masters for weather, flight plans, and load planning for acceptance of palletized cargo, containerized cargo, and vehicles.

(d) Conduct the load and offload of aircraft and perform air cargo documentation utilizing the Global Air Transportation Execution System manifesting system.

(e) Conduct cargo sorting, prioritization, and distribution of airfreight to and from AMC aircraft.

(f) Report air cargo status for various fixed-wing and rotary aircraft and facilitate transfer between airhead and fleet and theater assets.

(g) Provide expeditionary mail support to receive and transport bulk mail from airhead to a mail distribution center.

(h) Operate aircraft GSE.

(6) Warehouse Operations. Provide support personnel capable of receiving, storing and issuing break bulk cargo (primarily classes I, II, IV, and IX).

(7) Expeditionary Fuel Operations

(a) Establish, maintain, and operate a high speed aircraft refueling system and bulk fuel storage system (including field laboratory if not provided, as Navy aircraft fuel specifications must meet NATOPS Manual NAVAIR 00-80T-109, Aircraft Refueling, of 30 May 1999 requirements).

(b) Operate and maintain shore fuel transfer hoses directing all fuel from barges and tankers from the beach terminal unit to the bulk fuels storage system.



(c) Operate a fuel service station (single grade product), aviation fuel servicing truck and GSE and motor pool servicing truck (rough terrain). Operations include the receipt, storage, and issue of single type of aviation or ground fuel product, typically “Jet Propellant 8” fuel (JP-8).

(d) Provide limited clean-up and containment of fuel spills and conduct limited pollution abatement and environmental clean-up.

b. Operational Support Areas and Projected Taskings. Provide expeditionary operational support capable of the organic expeditionary logistic support listed in subparagraphs 5b(1) through 5b(5).

(1) Field Messing and Billeting. Provide berthing and messing services for up to (not to exceed) 450 NAVELSG personnel.

(2) Vehicle Maintenance and Dispatch. Provide organizational level maintenance, dispatch, and licensing of organic civil engineering support equipment (CESE), MHE, GSE, and civil engineering end items for a mission-specific TOA.

(3) Camp Maintenance. Provide tent camp set-up, support, and maintenance including power distribution, shower units, potable water production, trouble desk management, and limited vertical construction for a 450-person camp.

(4) Expeditionary Armory. Establish, manage, and provide security for a field armory supporting a 450-person camp.

(5) Supply Support. Provide storage, issue, and receipt of classes I, II, III, IV, VII and IX.

6. The planning data and basic assumptions listed in subparagraphs 6a through 6k can be used to derive NCHB requirements.

a. For surface cargo operations, the basic deployable element consists of a nine-person hatch team.

b. Hatch teams can deploy as mission-tasked detachments, units or groups, per the required tasking. The number of hatch teams deployed depends on the size and scope of the mission. A hatch team is designed to facilitate cargo operation at the most basic level, is responsible for operations at the individual crane and hatch and hold level, and consists of the items listed in subparagraphs 6b(1) through 6b(4).

(1) One hatch captain.

(2) One hold boss.

(3) Two crane operators.

(4) Five stevedores.

c. All capabilities estimates reflect one NCHB deployed in simultaneous missions conducting 24-hour operations in two 12- hour shifts.

d. An AC or RC NCHB organization provides a maximum of 24 or 12 hatch teams, respectively.

e. NCHB surface cargo companies (hatch teams and associated support personnel) primarily deploy for ship discharge and loading operations.

f. Maximum cargo throughput for an NCHB decreases as detachments and hatch teams take on organic support duties.

g. Discharge and loading capabilities assume optimum conditions of weather, sea state, equipment condition, available pier and related facilities (pier-side operations) and lighterage and related facilities (in-stream operations).

h. Ship on-load rate is approximately 60 percent of the discharge rate except for containers that have the same discharge and load rate.

i. Twenty-four hatch teams (plus associated C2 and support personnel) are required to perform an MEB AFOE mission.

j. Forty-eight hatch teams (plus associated C2 and support personnel) are required for a full Marine expeditionary force AFOE mission.

k. In-stream offloads assume the tasks as listed in subparagraphs 6k(1) through 6k(3).

(1) Ship is moored 3 miles off-shore.

(2) Ferry turnaround time is 1.5 hours steaming at 6 knots.

(3) Sea state that supports crane and lighterage operations.

7. The AC focuses on on-loading and off-loading MPF squadrons. If additional mission areas are conducted simultaneously, ship on-load and off-load rates will decrease dependent upon the number of hatch teams available. For example:

<b>Shipboard Throughput Rates – Pier Side</b>						
			Containerized Cargo Standard Per Hour Per Hold (6)		Palletized Cargo (Break Bulk) Standard Per Hour Per Hold (10)	
Number of Hatch Teams	MPF Ships/ Days	# of Holds Per Ship	Projected Capacity (Hourly)	Projected Capacity (Daily)	Projected Capacity (Hourly)	Projected Capacity (Daily)
24	4/3	3	72	1,728	120	2,880
18	3/3	3	54	1,296	90	2,160
12	2/3	3	36	864	60	1,440

<b>Shipboard Throughput Rates – In Stream</b>						
24	4/8	3	36	864	60	1,440
18	3/8	3	27	648	45	1,080
12	2/8	3	18	432	30	720

Note: The AC can accomplish shipboard onload and offload and cargo transportation simultaneously by employing the 18 hatch team strategy. The AC can simultaneously accomplish shipboard onload and offload, cargo terminal and air cargo handling by employing the 12 hatch team strategy.

<b>Maximum NCHB Manning</b>		
Component	Hatch Teams	Gantry Pedestal Crane Operators
Active	24	48
Reserve	12	24

<b>Cargo/Ocean Terminal Throughput</b>				
Cargo Classification	Unit of Measure	Maximum (Max) Weight	Projected Throughput (Hourly)	Projected Throughput (Daily)
Containerized (includes ordnance)	20 feet (') Intermodal containers (International Organization for Standardization (ISO))		6	144
(Break Bulk)	20' Intermodal containers (ISO)		10	240
Bulk Mail	Pounds (lbs)	40,000	-	40,000
Rolling Stock	Vehicles	-	40	960

<b>Air Cargo Through put (All cargo on a 463L pallet. Max capacity = 10, 000 lbs)</b>			
Cargo Classification	Unit of Measure	Projected Throughput (Hourly)	Projected Throughput (Daily)
Palletized Cargo: Load and Offload	463L Pallet	15	360
Palletized Cargo: Build and Break Down	463 L Pallet	4.33	103
Passengers	Passengers	33	792
Warehousing (Classes I, II, IV, IX Supply)	Pallets	62.5	1,500
Warehousing (Containerized)	20' Intermodal containers (ISO)	6.25	150

<b>Ordnance Reporting Throughput</b>				
Cargo Classification	Unit of Measure	Max Weight	Projected Throughput (Hourly)	Projected Throughput (Daily)
Palletized Cargo	Pallets	-	10	250
Palletized Cargo (At an ASP Storage facility)	463L	10,000	1.7	40
Containerized Cargo (Pier Side)	20' Intermodal containers (ISO)	-	6	144
Containerized Cargo (In-Stream)	20' Intermodal containers (ISO)	-	3	72

<b>Ordnance Reporting Throughput</b>				
Fuel Storage Type	Unit of Measure	Max Weight	System Type	Max Capacity
High Speed Aircraft Refueling	Gal	40K	Bag	Varies to system
Bulk Fuel Storage Facility	Gal	120K	Bag	6 x 20K
Bulk Fuel Storage Facility	Gal	300K	Bag	6 x 50K
Fuel Service Station	Gal	-	-	<u>8</u> Retail Points

8. The following capability constraints and restraints listed in subparagraphs 8a through 8e must be considered when employing NCHBs.

a. The organic communications capability of an NCHB is limited. Limited encryption capability exists and no organic message generation capability or communications repair facility exists. When deployed, ECD from the RC NELR perform these functions as an additional capability. No organic communications capability exists within NCHBs until augmented from ECD.

b. Fuel TOA support equipment must be deployed to support the unit if HN or other service support is not available.

c. Construction of berms for fuel bladders and fueling facilities is a host station command and HN requirement. The estimates are provided in the table below.

1.	Area Required	1 Acre
2.	Power Required	48 kilowatts
3.	Space Requirement (Admin)	936 square feet
4.	Internal Roads	Not applicable
5.	Construction Time	80 man hours

d. The AC NCHB stores, maintains, and provides security for TOA weapons allowance at their armory located at WPNSTA-Cheatham Annex, Virginia. Upon mobilization, NAVSURFWARCEN, Crane, Indiana, dispatches the necessary weapons allowances for the RC NCHBs to support mission requirements.

e. An NCHB can provide self-sustainment for 30 days and limited vertical tent camp construction (erect its own 450 personnel tent camp). NCHB self-sustainment is defined as listed in subparagraphs 8e(1) through 8e(3).

(1) An NCHB provides organic services to sustain the messing, berthing, limited vertical construction, and maintenance of a 450-person tent camp. The AC NCHB can only employ an 18-hatch team strategy during initial construction of expeditionary camp and messing facilities.

(2) When operating in an isolated area beyond the 30-day time period, classes of supply must be provided by the supported host unit or activity: classes I (including water, meals ready to eat, and unitized group rations) II, III, V, VI, VIII, and IX. Improved camp requires TOA facilities and equipment if not provided by the supported host unit or activity.

(3) NCHB basic organic personnel support equipment includes:

(a) individual combat shelters,

(b) sleeping bags, and

(c) PGI.

9. An AC NCHB is capable of deployment within 72 hours with personnel, weapons, and PGI upon receipt of an EXORD. The RC NCHB is capable of deployment within 15 days after receipt of mobilization orders with personnel, weapons, and PGI.

ROC	ROC DEFINITION	READINESS STATE			
		I	II	III	IV
<b>AMW</b>	<b>AMPHIBIOUS WARFARE (AMW)</b>				
<b>AMW 1</b>	<b>LOAD, TRANSPORT AND LAND COMBAT EQUIPMENT, MATERIAL, SUPPLIES, AND ATTENDANT PERSONNEL OF A FORCE OR GROUP IN AN AMPHIBIOUS OPERATION.</b>				
AMW 1.1	Load combat equipment, material and supplies with attendant personnel for an amphibious.	F	F	F	F
AMW 1.3	Land combat equipment, material and supplies with attendant personnel by air and surface transport during amphibious operation.  I-IV (L) Includes capability to land elements of a landing force with their equipment, material and supplies for an amphibious operation.  Restricted to cargo offload of MSC controlled AFOE shipping.	L	L	L	L
AMW 1.6	Plan/direct the loading, transporting and landing of combat equipment, material and supplies with attendant personnel in an amphibious operation.  I-IV (L) Restricted to cargo offload of MSC controlled AFOE shipping.	L	L	L	L
AMW 3.9	Plan/direct the re-embarkation and transportation of equipment, materials, supplies and personnel.  I-IV (L) Restricted to cargo load out of MSC controlled AFOE shipping and coordinate for own unit only.	L	L	L	L
<b>AMW 42</b>	<b>CONDUCT MPF OPERATIONS.</b>				
AMW 42.1	Plan/direct MPF operations.  Note: Perform function in absence of NAVBEACHGRU.	F	F	F	F

AMW 42.2	Conduct MPF operations.  Note: Perform function in absence of NAVBEACHGRU.	F	F	F	F
<b>CCC</b>	<b>COMMAND, CONTROL AND COMMUNICATIONS (CCC)</b>				
<b>CCC 2</b>	<b>COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</b>				
CCC 2.20	Control offload and ship-to-ship operations in an MPF operation.  Note: Restricted to cargo offload control.	F	F	F	F
CCC 2.28	Control offload and ship-to-shore movement of cargo during AFOE and JLOTS operations.  Note: Restricted to cargo offload control.	F	F	F	F
<b>CCC 3</b>	<b>PROVIDE OWN UNIT'S C2 FUNCTIONS</b>				
CCC 3.1	Maintain a CIC or CDC capable of collecting, processing, displaying, evaluating, and disseminating tactical information.  Note: NAVELSG refers to this as TOC or LOC.	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.	F	F	F	F
CCC 3.11	Establish voice communications with supported forces.  I-IV (L) Requires ECD support.	L	L	L	L
<b>CCC 6</b>	<b>PROVIDE COMMUNICATIONS FOR OWN UNIT.</b>				
CCC 6.1	Maintain tactical voice communications.  I-IV (L) Restricted to VHF and HF type communication equipment and units within the same geographic area (port, terminal, airhead area). Requires ECD support.	L	L	L	L
CCC 6.12	Maintain internal communications systems.  I-IV (L) Requires ECD support.	F	F	F	F
<b>CON</b>	<b>CONSTRUCTION (CON)</b>				
<b>CON 2</b>	<b>PERFORMANCE BASE CONSTRUCTION.</b>				
CON 2.4	Perform vertical construction of own expeditionary camp facilities under all climatic conditions.  Note: Restricted to 450 personnel tent camp. AC can only	F	F	F	F

	employ 18- hatch team strategy during initial expeditionary camp construction.				
<b>CON 5</b>	<b>PERFORM CONSTRUCTION LOGISTIC SUPPORT IN THE ASSIGNED AO.</b>				
CON 5.5	Perform inventory management of construction and advanced base functional component material.  Note: Restricted to organic TOA and augmented CESE or MHE and materials	F	F	F	F
<b>IO</b>	<b>INFORMATION OPERATION</b>				
<b>IO 4</b>	<b>PLAN AND IMPLEMENT OPSEC MEASURES.</b>				
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
<b>EXW</b>	<b>EXPEDITIONARY WARFARE (EXW)</b>				
<b>EW 2</b>	<b>CONDUCT LANDSIDE SECURITY OPERATIONS.</b>				
EXW 2.1	Conduct garrison security operations.  Note: Augment existing security only.			F/ A	F/ A
EXW 2.2	Conduct pier security operations.  I-IV (L) Restricted to augmenting existing pier security.	L	L	L	L
EXW 2.3	Conduct access/ECP defense to prevent unauthorized access to protected high value asset and infrastructure areas.  Note: Restricted to own tent camp areas.	F	F	F	F
EXW 2.5	Support federal agencies, joint staffs, and regional commanders to enforce the laws and regulations of the United States concerning customs, agriculture, and immigration border clearances.	F	F	F	F
EXW 2.7	Operate in coordination with other NAVEXPDCMBTCOM units and naval/joint/combined forces in support of landside security.  IV (L) Plan and train.  I- III (L) Restricted to immediate camp areas and augment of existing security element.	L	L	L	L
EXW 2.9	Provide a rapid response force.  Note: Restricted to own tent camp areas.	F	F	F	F
EXW 2.12	Conduct landside security using non- lethal means of force.	F	F	F	F



	Note: Restricted to own tent camp areas.				
<b>EXW 5</b>	<b>CONDUCT LAND CONVOY OPERATIONS.</b>				
EXW 5.1	Provide for the secure movement of personnel and cargo via ground transportation in a permissive, uncertain or hostile environment.	F/ E	F/ E	F/ E	F/ E
EXW 5.2	Provide vehicles and supporting equipment for subordinate units to conduct a land convoy in a permissive, uncertain or hostile environment.  I-IV (L) Restricted to organic TOA for assigned units.	L	L	L	L
EXW 5.3	Plan/direct land convoy operations.	F	F	F	F
<b>EXW 6</b>	<b>MAINTAIN EXPEDITIONARY COMMUNICATIONS CAPABILITY.</b>				
EXW 6.1	Set-up and maintain a mobile communications system.  Note: Restricted to support of assigned units. Set-up and maintenance restricted to organic TOA communication equipment. Supported internally via augmentation from NELR ECD.	F/ A	F/ A	F/ A	F/ A
EXW 6.2	Maintain encrypted HF, VHF, UHF, and super-high frequency voice and data communications.  Note: Restricted to support of assigned units. Set-up and maintenance restricted to organic TOA communication equipment. Supported internally via augmentation from NELR ECD.	F/ A	F/ A	F/ A	F/ A
EXW 6.3	Establish voice communications with USMC evacuation and command nets, NSA, Air Force, Army, local law enforcement, and Homeland defense nets.  Note: Restricted to support of assigned units. Set-up and maintenance restricted to organic TOA communication equipment. Supported internally via augmentation from NELR ECD. Restricted to VHF and HF type communication equipment and units within the same geographic area (port, terminal, airhead area). To provide secure HF capability, must deploy with certified operator/maintenance personnel.	F/ A	F/ A	F/ A	F/ A
EXW 6.4	Operate expeditionary communications in coordination with other NAVEXPDCMBTCOM units and naval/joint/combined forces.	F	F	F	F
EXW 6.6	Conduct EMCON as directed by higher authority.  Note: Restricted to support of assigned units. Supported	F/ A	F/ A	F/ A	F/ A

	internally via augmentation from NELR ECD.				
EXW 6.7	Conduct routine and PMS on a mobile communication system.  Note: Restricted to support of assigned units. Maintenance restricted to organic TOA communication equipment. Supported internally via augmentation from NELR ECD.	F/ A	F/ A	F/ A	F/ A
EXW 6.8	Plan the force's tactical use of information systems, C4I architecture, databases and sensors.  Note: Restricted to support of assigned units. Maintenance restricted to organic TOA communication equipment. Supported internally via augmentation from NELR ECD.	F/ A	F/ A	F/ A	F/ A
<b>EXW 9</b>	<b>CONDUCT BASE CAMP OPERATIONS IN AN EXPEDITIONARY ENVIRONMENT.</b>				
EXW 9.1	Conduct a site survey to ascertain location, drainage/sanitation, security, access and force integration.	F	F	F	F
EXW 9.3	Set-up appropriate field equipment including berthing tents, power generation/distribution, water/ sanitation, security, damage control, medical and mess tents.  Note: Organic support for 450 personnel camp. AC can only employ 18 hatch team strategies during initial expeditionary camp construction.	F	F	F	F
EXW 9.4	Maintain base camp operations including power generation/distribution and water/sanitation.  Note: Organic support for 450 personnel camp. AC can only employ 18 hatch team strategies during initial expeditionary camp construction.	F	F	F	F
EXW 9.5	Maintain base camp perimeter and ECP security.  Note: Restricted to internal camp perimeter.	F/ E	F/ E	F/ E	F/ A
EXW 9.6	Plan/direct base camp operations in an expeditionary environment.	F	F	F	F
<b>EXW 10</b>	<b>CONDUCT C2 IN AN EXPEDITIONARY ENVIRONMENT.</b>				
EXW 10.4	Exercise C2 of expeditionary logistic support units, when assigned.	F	F	F	F
<b>EXW 12</b>	<b>CONDUCT EXPEDITIONARY WARFARE SUPPORT OPERATIONS.</b>				
EXW 12.1	Provide repair and inspection services for CESE.	F	F	F	F
EXW	Provide administrative services to subordinate units.	F	F	F	F

12.2					
EXW 12.5	Provide individual protective clothing and equipment to sufficiently protect personnel in a CBR-contaminated environment.	F	F	F	F
<b>EXW 13</b>	<b>REPAIR OWN UNIT'S EXW EQUIPMENT.</b>	F	F	F	F
<b>FHP</b>					
<b>FHP 23</b>	<b>PROVIDE MEDICAL CARE ATO ASSIGNED AND EMBARKED PERSONNEL.</b>				
FHP 23.1	Conduct sick call.	F	F	F	F
FHP 23.5	Conduct sanitation and safety inspections.	F	F	F	F
FHP 23.6	Conduct occupational health/safety and preventative medicine programs and training using the following personnel:  (a) Hospital corpsmen. (zz) Independent duty hospital corpsmen.	F	F	F	F
FHP 23.9	Conduct associated administrative/maintenance services:  (a) Maintain adequate medical supplies for appropriate level health care. (d) Perform routine medical administrative services.	F	F	F	F
FHP 23.19	Provide medical care, triage and resuscitation commensurate with health care provider credentials using the following personnel:  (a) Independent duty hospital corpsman. (zz) Hospital corpsman.	F	F	F	F
<b>FHP 24</b>	<b>PROVIE FIRST AID ASSISTANCE.</b>				
FHP 24.1	Identify, equip, and maintain appropriate first aid spaces.	F	F	F	F
<b>FSO</b>	<b>FLEET SUPPORT OPERATIONS (FSO)</b>				
<b>FSO 2</b>	<b>PROVIDE BASE FACILITY MAINTENANCE AND UTILITY OPERATIONS.</b>				
FSO 2.6	Maintain petroleum, oil, and lubricants (POL) storage facilities.  Note: Restricted to expeditionary bulk fuel storage and fuel service station facilities.	F	F	F	F
<b>FSO 20</b>	<b>PROVIDE FLEET TRAINING SERVICES.</b>				
FSO 20.10	Provide technical guidance and assistance to fleet units in cargo handling and underway replenishment operations.  Note: Restricted to cargo handling only.	F	F	F	F
<b>FSO 46</b>	<b>MONITOR ASSIGNED UNIT'S ADMINISTRATIVE PROCEDURES.</b>	F	F	F	F
<b>FSO 47</b>	<b>MONITOR ASSIGNED UNIT'S OPERATIONAL</b>	F	F	F	F

	<b>PROCEDURES.</b>				
<b>FSO 48</b>	<b>MONITOR ASSIGNED UNIT'S MATERIAL READINESS.</b>	F	F	F	F
<b>FSO 55</b>	<b>MAINTAIN READINESS BY PROVIDING FOR TRAINING OF OWN UNIT'S PERSONNEL.</b>	F	F	F	F
<b>LOG</b>	<b>LOGISTICS</b>				
<b>LOG 2</b>	<b>TRANSFER/RECEIVE CARGO AND PERSONNEL.</b>				
LOG 2.2	Provide facilities and personnel for material, mail and passenger handling.	F	F	F	F
LOG 2.3	Act as a transient personnel receiving station.  Note: Restricted to providing personnel only to work in an expeditionary air terminal.	F	F	F	F
<b>LOG 5</b>	<b>DEVELOP AND OPERATE TEMPORARY COMBAT ZONE AIR AND SURFACE CARGO TERMINALS IN SUPPORT OF NAVY OPERATIONS.</b>				
LOG 5.1	Operate and maintain material handling equipment necessary to sustain intra- terminal movement of material.	F	F	F	F
LOG 5.2	Provide a trained nucleus of personnel capable of processing all transportation documentation in support of air/sea terminal operations.	F	F	F	F
LOG 5.3	Coordinate and control the movement and handling of cargo discharged from ships and aircraft through ocean and air terminals in support of Navy advanced base operations.	F	F	F	F
LOG 5.4	Coordinate, control, and provide all technical skills to load/discharge all types (break bulk, palletized, mixed and containerized) of cargo and all classes of cargo (general, hazardous ammunition) of cargo from MSC, commercial or Navy ships either in-stream or pier-side at the established rates of loading/discharging.	F	F	F	F
LOG 5.5	Provide trained personnel to control and conduct sustained assault follow-on logistics support to landing force elements using cargo handling equipment on auxiliary, crane ships.	F	F	F	F
<b>LOG 7</b>	<b>OPERATE PORT FACILITY.</b>				
LOG 7.1	Operate and maintain material handling equipment for intra-terminal material movement.	F	F	F	F
LOG 7.2	Process transportation documentation in support of air/sea terminal operations.	F	F	F	F
LOG 7.3	Coordinate and control the movement and handling of cargo discharged from ships and aircraft through ocean and air terminals.	F	F	F	F
LOG 7.4	Provide personnel trained in the handling and testing of fuels and other hazardous cargo.	F/ A	F/ A	F/ A	F/ A

	Note: Restricted to fuels testing in an expeditionary fuel field laboratory only. Full capability achieved and sustained via recalled reserve assets.				
<b>LOG 8</b>	<b>CONDUCT MATERIAL CONTROL OPERATIONS.</b>				
LOG 8.2	Consolidate receipt and transshipment of all group cargo and mail, including off ship cargo operations in support of embarked forces.	F	F	F	F
LOG 8.3	Control all passenger movement to and from the group.  I-IV (L) Limited to air terminal operations.	L	L	L	L
<b>LOG 9</b>	<b>REPAIR OWN UNIT'S LOGISTICS EQUIPMENT.</b>				
	I-IV (L) Restricted to organizational level maintenance of TOA equipment.	L	L	L	L
<b>LOG 10</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S LOG CAPABILITIES.</b>	F	F	F	F
<b>MOB</b>	<b>MOBILITY (MOB)</b>				
<b>MOB 3</b>	<b>PREVENT AND CONTROL DAMAGE.</b>				
MOB 3.2	Counter and control CBR contaminants/agents.  I-IV (L) Restricted to individual protective measures.	L	L	L	L
MOB 3.3	Maintain security against unfriendly acts.  I-IV (L) Restricted to internal camp/ECP security, individual protective measures and work area security. Security includes use of CSW.	L/ E	L/ E	L/ E	L/ E
<b>MOB 8</b>	<b>OPERATE FROM A SHIP.</b>				
MOB 8.6	Operate from merchant ships and indigenous craft.	F	F	F	F
<b>MOB 11</b>	<b>MAINTAIN MOUNT-OUT CAPABILITIES.</b>				
MOB 11.1	Deploy with organic allowance within designated time period.  Note: AC deploys within 72 hours after receipt of EXORD with only personnel and personal gear and within 6 days after receipt EXORD with all unit gear. RC deploys within 15 days after receipt of mobilization orders with only personnel and personal gear. 30 days for personnel and all gear.				
	NCHB (Active)	F	F	F	F
	NCHB (Reserve)  I-IV (L) RC requires augment by AC to conduct mount-out.	L/ A	L/ A	L/ A	L/ A
MOB	Mount-out selected elements/detachments.				

11.2	Note: AC mounts out within 72 hours after receipt of EXORD with only personnel and personal gear. RC mounts out within 15 days after receipt of mobilization orders with only personnel and personal gear. 30 days for personnel all unit gear.				
	NCHB (Active).	F	F	F	F
	NCHB (Reserve).  I-IV (L) RC requires augment by AC to conduct mount-out.	L/ A	L/ A	L/ A	L/ A
<b>MOB 12</b>	<b>MAINTAIN THE HEALTH AND WELL BEING OF THE CREW.</b>				
MOB 12.3	Monitor and 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.  I-IV (L) Restricted to noise and temperature. Require support to monitor for radiation, vibration, and toxic substances.	L	L	L	L
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	F
MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect personnel identified being at risk in a CBR-contaminated environment.	F	F	F	F
<b>MOB 13</b>	<b>MAINTAIN RESERVE UNIT MOBILIZATION READINESS (INACTIVE RESERVE UNITS ONLY).</b>				
MOB 13.1	Ensure personnel onboard and their associated records are ready for immediate mobilization.	F	F	F	F
MOB 13.2	Ensure organic equipment (pre- positioned war reserve stock situated at reserve training sites) and associated records are ready for immediate mobilization.	F	F	F	F
MOB 13.3	Conduct immediate crisis response.				
	NCHB (Reserve).	F	F	F	F
<b>MOB 14</b>	<b>CONDUCT OPERATIONS ASHORE.</b>				
MOB 14.1	Operate in climatic extremes ranging from cold weather to tropical to desert environments.	F	F	F	F
MOB 14.2	Operate in rear of combat zone in APF or MEB operation.	F	F	F	F
MOB 14.4	Move up to 10 percent of operating equipment using organic motor transport assets.	F	F	F	F
MOB 14.5	Conduct peacetime activation mount-out and movement exercises of selected personnel and equipment to ensure	F	F	F	F

	capability of contingencies involving naval forces short of a general war:				
MOB 14.7	Provide qualified personnel to conduct site survey.	F	F	F	F
<b>MOB 18</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MOB CAPABILITIES.</b>  IV (L) Plan and train.	F	F	F	L
<b>MOS</b>	<b>MISSIONS OF STATE.</b>				
<b>MOS 1</b>	<b>PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.</b>				
MOS 1.8	Participate in military exercise with allied nations.	F	F	F	F
MOS 1.9	Participate in military exercises with non-allied nations.	F	F	F	F
<b>MOS 2</b>	<b>PROVIDE HUMANITARIAN ASSISTANCE.</b>				
MOS 2.1	Deliver relief material.  Note: Restricted to ship/aircraft cargo and passenger offload and onload including transport to marshalling location.	F	F	F	F
MOS 2.10	Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis.  Note: Restricted to ship/aircraft cargo and passenger offload and onload including transport to marshalling location.	F	F	F	F
<b>MOS 3</b>	<b>PERFORM PEACEKEEPING.</b>				
MOS 3.2	Provide logistics support for a joint/allied peacekeeping force.  Note: Restricted to ship/aircraft cargo and passenger offload and onload including transport to marshalling location.	F	F	F	F
<b>MOS 8</b>	<b>PROVIDE AT ASSISTANCE.</b>				
MOS 8.1	Ensure that the physical security of important persons, facilities, and events meets acceptable standards.	F	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.  III-IV (L) Limited to capacity of unit's assigned staff officers from appropriate community with appropriate training/qualification.	F/A	F/A	L	L
MOS 8.10	Conduct liaison with the local U.S. SA organization  III-IV (L) Limited to capacity of unit's assigned staff officers from appropriate community with appropriate	F/A	F/A	L	L

	training/qualification.				
MOS 8.12	<p>Conduct unit pre-deployment/pre-overseas travel AT awareness training for:</p> <p>(a) Unit (b) Detachment (c) TAD and TDY personnel (d) Permanent change of station (PCS) (to overseas locations) (e) Leave</p>	F	F	F	F
MOS 8.15	<p>Assimilate and disseminate AT intelligence on terrorist activities directed at U.S. military installations, ships and personnel.</p> <p>(a) Monitor threat information flow (b) Request or possible terrorist activity (c) Disseminate threat information to unit personnel (d) Apply DoD terrorist threat analysis methodology</p> <p>III-IV (L) Limited to unit level responsibility.</p>	F/A	F/A	L	L
MOS 8.16	<p>Integrate AT efforts into unit operations.</p> <p>(a) Assign a unit FP officer and an AT officer (b) Implement unit AT programs (c) Coordinate AT in overseas locations with host country/host command (d) Implement local FPCON measures (e) Implement unit terrorist incident response plan</p> <p>III-IV (L) Limited to unit level responsibility.</p>	L	L	L	L
MOS 8.18	<p>Conduct screening of non-assigned personnel and equipment entering unit or facility.</p> <p>(a) Screen personnel (search, detect). (e) Screen equipment, provisions, supplies, etc. (metal detection, explosives).</p>	F	F	F	F
<b>MOS 12</b>	<b>CONDUCT CIVIL AFFAIRS OPERATIONS (CAO).</b>				
MOS 12.5	<p>Conduct cultural briefings to supported units.</p> <p>Note: For assigned unit personnel.</p>	F	F	F	F
MOS 12.14	<p>Conduct foreign humanitarian assistance.</p> <p>Note: Restricted to ship/aircraft cargo and passenger offload</p>	F	F	F	F



	and onload including transport to marshalling location.				
<b>MOS 14</b>	<b>SUPPORT CMO/CAO THROUGHOUT ALL PHASES OF CONFLICT.</b>				
MOS 14.6	Support positive identification of friendly forces within AO.	F	F	F	F
<b>MOS 15</b>	<b>PROVIDE FUNCTIONAL SPECIALTY SUPPORT FOR CMO.</b>				
MOS 15.3	Provide port operations support. Note: Cargo handling and terminal operations only.	F	F	F	F
<b>MOS 25</b>	<b>CONDUCT NATION ASSISTANCE (NA).</b>				
MOS 25.6	Identify and evaluate HN infrastructure. I-IV (L) Restricted to ports and airheads	L	L	L	L
<b>NCO</b>	<b>NON-COMBAT OPERATIONS (NCO)</b>				
<b>NCO 2</b>	<b>PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.</b>				
NCO 2.1	Provide supply support services.	F	F	F	F
NCO 2.2	Provide clerical services.	F	F	F	F
NCO 2.5	Provide messing facilities.	F	F	F	F
NCO 2.7	Provide inventory and custodial services.	F	F	F	F
NCO 2.8	Provide personnel for living space maintenance.	F	F	F	F
NCO 2.9	Provide personnel for area command security.	F	F	F	F
NCO 2.11	Provide personnel for fuels support. NCHB (Reserve).	F	F	F	F
<b>NCO 3</b>	<b>PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>				
NCO 3.1	Provide organizational level preventive maintenance.	F	F	F	F
NCO 3.2	Provide organizational level corrective maintenance.	F	F	F	F
NCO 3.3	Provide small arms storage areas. Note: AC maintains small arms storage at WPNSTA-Cheatham Annex, Virginia. When not mobilized, RC weapons allowance is stored at NAVSURFWARCEN, Crane, Indiana.	F	F	F	F
NCO 3.5	Provide for proper storage, handling, use and transfer of HAZMAT. Note: Includes reporting and handling of ammunition.	F	F	F	F
<b>NCO 10</b>	<b>PROVIDE EMERGENCY / DISASTER ASSISTANCE.</b>				
10.4	Provide disaster assistance and evacuation. Note: Restricted to ship/aircraft cargo and passenger offload	F	F	F	F

	and onload including transport to marshalling location.				
<b>STS</b>	<b>STRATEGIC SEALIFT (STS)</b>				
<b>STS 1</b>	<b>LOAD DISCHARGE AND TRANSPORT DAY CARGO</b>				
STS 1.1	Use ship's cargo rigs to load and discharge break bulk cargo.	F	F	F	F
STS 1.2	Use ship's crane(s) to load and discharge containerized cargo.	F	F	F	F
STS 1.4	Use ship's crane(s) to load and discharge cargo on/from nonself-sustaining container ships.	F	F	F	F
STS 1.5	Use ship's crane to load and discharge lighter aboard ships.  Note: Conducted under the supervision of the ship's master.	F	F	F	F
STS 1.8	Use ship's ramp(s) to load and discharge roll on/roll off cargo.	F	F	F	F
STS 1.15	Load, stow, transport and discharge outsized and oversized military equipment.	F	F	F	F
<b>STS 2</b>	<b>LOAD DISCHARGE AND TRANSPORT POL.</b>				
STS 2.1	Provide liquid cargo tanks and piping systems suitable for carriage of POL.	F	F	F	F