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OPNAV INSTRUCTION 3501.101E

From: Chief of Naval Operations

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

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

Encl: (1) Required Operational Mission Areas and Readiness  
Condition Descriptions for the 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. To issue the projected operational environment (POE) and the required operational capabilities (ROC) for the elements of the Navy Expeditionary Logistics Support Group (NAVELSG). This instruction is a substantial revision and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 3501.101D.

3. Discussion. Enclosures (1) through (4) have been prepared pursuant to reference (a). Enclosures (1) through (4) shall also be used to assist with determining specific mission area M-ratings reported under reference (b). This instruction provides resource agencies information describing NAVELSG mission requirements, capabilities and the types and locations of operational employment. Together, the ROC and POE establish tasking which produces a measurable workload to compute personnel requirements for activity manpower documents (AMD).

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4. Action. Commander, Navy Expeditionary Combat Command should periodically review enclosures (1) through (4) and recommend changes to the Chief of Naval Operations (Attention: Fleet Readiness Division (OPNAV N43)) when mission or capabilities of NAVELSG are significantly altered. Change recommendation should include comments on the expected AMD 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 November 2007.



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

1. Mission Areas. The primary mission of NAVELSG is to deliver expeditionary logistic capabilities to support combatant commanders (CCDRs), combined joint task force commanders, Navy component commanders (NCCs) 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, and reconstruction operations and humanitarian assistance and disaster recovery operations. NAVELSG organic units have the following primary (P) and secondary (S) mission areas:

**Mission Area Acronyms**

<b>Acronym</b>	<b>Mission Area</b>
AMW	Amphibious Warfare
CCC	Command, Control and Communications
CON	Construction
IO	Information Operations
EXW	Expeditionary Warfare
FSO	Fleet Support Operations
LOG	Logistics
MOB	Mobility
MOS	Missions of State
NCO	Non-Combat Operations
STS	Strategic Sealift

a. Navy expeditionary logistics regiments (NELRs) provide the following capabilities:

(1) Administrative: Oversight of assigned Navy cargo handling battalions (NCHBs) 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.

Navy Expeditionary Logistics Regiments (NELR)									
AMW	CCC	CON	IO	EXW	FSO	LOG	MOB	MOS	NCO
P	P	S	S	P	P	P	P	S	S

b. NCHBs provide the following capabilities:

(1) Operational Mission Areas: Load and discharge cargo carried in Military Sealift Command (MSC) ships, MSC-controlled commercial ships and maritime prepositioning ship (MPS) squadrons conduct ocean terminal operations, including cargo transport from the pier to a marshalling yard and staging point; load and discharge passengers, mail and cargo from Airlift Mobility Command (AMC) or military-controlled aircraft; report and handle ordnance, including receipt, stowage and issue (RSI); operate aircraft and ground support equipment (GSE) refueling systems; 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 (3M) 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.

Navy Cargo Handling Battalion (NCHB)										
AMW	CCC	CON	IO	EXW	FSO	LOG	MOB	MOS	NCO	STS
P	P	S	S	P	P	P	P	S	S	P

2. Readiness States. Readiness states describe the conditions by which ROC will be assessed. The following summarizes conditions covered:

a. Readiness State I (Full Contingency Readiness). Significant strategic and or tactical indications of imminent hostilities. While in readiness state I, NAVELSG units shall 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 and 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 and 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 reserve component (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 (NCHB-1), is able to execute operations in advance of augmentation support. All personnel to support this readiness state shall 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 and 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 (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

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. For the purpose of this instruction:

(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.

(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, NAVELSG (COMNAVELSG) consists of a headquarters (HQ) 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 (ABFC), capable of rapid worldwide deployment as task organized detachments, independent or combined units.
2. The First Navy Expeditionary Logistic Regiment (1st NELR) and NCHB-1 are the only AC units. All other units are commissioned Navy RC units. All units are operating forces under administrative control (ADCON) 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 or 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 (MEF) or other military forces. NAVELSG units can operate in climate extremes ranging from severe cold weather to hot humid and hot dry environments.
5. Navy Expeditionary Combat Command (NECC) units focus on expeditionary operations that include environments, situations and locations with the following potential threat conditions:
  - 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 elements typically operate in permissive or uncertain environments, once offensive operations move inland. NAVELSG forces receive basic combat skills training, basic mission-specific training and advanced team training to support deployment. NAVELSG elements can provide internal perimeter security for themselves and security force augmentation, but it severely degrades their primary cargo-handling, ordnance reporting teams (ORT) and fuels capabilities.

7. The C2 mission may require NAVELSG commodores or commanding officers to serve as a limited naval support element (NSE) commander in the absence of the beach group commander (MPS pier side operations) or may report to the following:

- a. Logistics commander, as assigned by higher authority.
- b. Naval Beach Group (NBG) commander, as part of the NSE, during MPS operations.
- c. Logistics over-the-shore or joint logistics over-the-shore (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 (ISIC) 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 active and reserve NELRs. The 1st NELR is an AC regiment and ISIC of the NCHB-1.

a. The 1st NELR:

- (1) Functions as the forward deployable staff element.
- (2) Provides ADCON and OPCON over the NCHB-1.
- (3) Ensures NELR staff and subordinate units are manned, trained, equipped and maintained to its required capabilities.
- (4) Includes non-deployable training and evaluation and expeditionary support capabilities or capacity to support both active and reserve units (NELRs and battalions).

b. The 2nd through 5th NELRs are RC regiments and have the following responsibilities:

- (1) Provide ADCON and OPCON over subordinate units (battalions).
- (2) Ensure NELR staff and subordinate units are manned, trained, equipped and maintained to its required capabilities.
- (3) Be prepared to deploy a larger C2 staff element in support of expeditionary logistics.
- (4) 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.

(5) Assist in adaptive planning (AP) and crisis action planning (CAP) for assigned subordinate units in direct support of CCDRs, joint forces maritime component commander (JFMCCs) and NCCs relating to port cargo-handling missions and CSS and transportation requirements.

(6) Provide feedback on the training curricula.

(7) 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.

(8) Manage assigned training budgets within the current fiscal year and provide input for training and operating budgets for follow-on fiscal years.

(9) Monitor the execution of the Fleet Response Training Plan (F RTP) 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 as follows:

a. Provide a scalable and deployable forward HQ C2 staff element to fit the number of assigned units;

b. Coordinate with NAVELSG staff to perform the following functions:

(1) Assist in scheduling unit resources for support of planned and unplanned fleet operations and exercises.

(2) Coordinate unit and individual recalls and or 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 FRTP 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 (COMSEC) 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 basic defensive functions in the immediate AO, protecting NAVELSG personnel, camps, and job sites against enemy ground forces. 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.
- b. CBR protection and individual decontamination.

4. Planning data and assumptions:

a. An NELR, when deployed, will report to a theater logistics commander during readiness condition I (wartime).

b. Subordinate units may be under the tactical control (TACON) 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 Yorktown (NWSY)- Cheatham Annex, Virginia. Upon mobilization, Naval Weapons Support Center (NWSC) 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: class I (water and meals ready to eat (MRE) and unitized group rations (UGR)), II, III, 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.
- (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**

NAVY EXPEDITIONARY LOGISTIC REGIMENT (NELR)		Readiness Condition			
		I	II	III	IV
<b>AMPHIBIOUS WARFARE</b>					
<b>AMW 1 LOAD, TRANSPORT AND LAND COMBAT EQUIPMENT, MATERIAL, SUPPLIES, AND ATTENDANT PERSONNEL OF A FORCE OR GROUP IN AN AMPHIBIOUS OPERATION.</b>					
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 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 CONDUCT AMPHIBIOUS CARGO HANDLING OPERATIONS.</b>					
AMW 11.1	Plan/direct amphibious cargo handling operations.  I-IV (L) Restricted to planning cargo handling operations of MSC controlled AFOE shipping.	L	L	L	L
<b>AMW 42 CONDUCT MARITIME PREPOSITIONING 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	<p>Coordinate and control the NSE during MPF operations.</p> <p>I-IV (L) Restricted to operations where NELR has the 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.</p>	L	L	L	L
<b>COMMAND, CONTROL AND COMMUNICATIONS (CCC)</b>					
<b>CCC 2 COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</b>					
CCC 2.15	<p>Function as battle group logistics coordinator (BGLC).</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to C2 of subordinate units when requested by the operational commander.</p>	L	L	L	L
CCC 2.17	<p>Coordinate and control NBG and other designated NSE units engaged in amphibious landing operations.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to C2 of subordinate units when requested by the operational commander.</p>	L	L	L	L
CCC 2.20	<p>Control offload and ship-to-ship operations in an MPF operation.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Plan and direct for subordinate and assigned units.</p>	L	L	L	L

CCC 2.28	<p>Control offload and ship-to-shore movement of cargo during AFOE and JLOTS operations.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Plan and direct for subordinate and assigned units.</p>	L	L	L	L
<b>CCC 3 PROVIDE OWN UNIT'S COMMAND AND CONTROL (C2) FUNCTIONS.</b>					
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>Note: NAVELSG refers to this as tactical operations center (TOC)/logistical operations center (LOC).</p>	F	F	F	F
CCC 3.3	<p>Provide all personnel services, programs, and facilities to safeguard classified material and information.</p>	F	F	F	F
CCC 3.4	<p>Carry out emergency destruction of classified material and equipment rapidly and efficiently.</p>	F	F	F	F
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>I-IV (L) 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.</p>	L	L	L	L
CCC 3.11	<p>Establish voice communications with supported forces.</p>	F	F	F	F
CCC 3.12	<p>Repair own unit's CCC equipment.</p> <p>I-IV (L) Restricted to organizational level maintenance.</p>	L	L	L	L



<b>CCC 6 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).	L	L	L	L
CCC 6.6	Process messages.	F	F	F	F
CCC 6.12	Maintain internal communications systems.	F	F	F	F
CCC 6.19	Provide tactical, secure voice or data communications.	F	F	F	F
<b>CCC 18 DEVELOP, COORDINATE AND CONTROL COMMUNICATION PLANS FOR INTEGRATED GROUP COMMUNICATIONS AMONG WARFARE COMMANDERS AND/OR NAVAL, COMBINED OR JOINT FORCES.</b>					
I-IV (L) Restricted to support subordinate and assigned units.					
<b>CCC 20 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S CCC CAPABILITIES.</b>					
<b>CCC 25 ACTIVATE CRISIS ACTION PROCEDURES.</b>					
CCC 25.1	Establish an operational planning team.  IV (L) Plan and train.  Note: Plan and direct for subordinate and assigned units.	F	F	F	L
<b>CCC 31 COORDINATE AND INTEGRATE MULTINATIONAL AND INTERAGENCY OPERATIONS.</b>					
CCC 31.4	Coordinate plans with non-Department of Defense agencies.  I-IV (L) Restricted to the logistic portion of those plans.	L	L	L	L
<b>CCC 32 COORDINATE AND MANAGE ALL AUTOMATED COMMAND, CONTROL AND COMMUNICATION 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 COMSEC 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 and equipment.	L	L	L	L
CCC 32.6	Coordinate, plan and manage deployable communication system assets.	F	F	F	F
<b>CCC 34 ASSESS AND/OR DIRECT COMMAND, CONTROL AND COMMUNICATIONS LIAISON.</b>					
CCC 34.2	Plan and direct liaison with supported commands.	F	F	F	F
<b>CONSTRUCTION (CON)</b>					
<b>CON 5 PERFORM CONSTRUCTION LOGISTIC SUPPORT IN THE ASSIGNED AREA OF OPERATIONS (AO).</b>					
CON 5.5	Perform inventory management of construction and ABFC material.  I-IV (L) Restricted to organic TOA and augmented civil engineering support equipment (CESE)/material handling equipment (MHE) and materials.	L	L	L	L

<b>INFORMATION OPERATIONS (IO)</b>					
<b>IO 4 PLAN AND IMPLEMENT OPERATIONS SECURITY (OPSEC) MEASURES.</b>					
CW 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
CW 4.12	Execute OPSEC measures.	F	F	F	F

<b>EXPEDITIONARY WARFARE (EXW)</b>					
<b>EXW 2 CONDUCT LANDSIDE SECURITY OPERATIONS.</b>					
EXW 2.7	Operate in coordination with other NECC units and naval/joint/combined forces in support of landside security.	F	F	F	F
EXW 2.8	Provide theater security cooperation support to HN security forces.	F	F	F	F
<b>EXW 6 MAINTAIN EXPEDITIONARY COMMUNICATIONS CAPABILITY.</b>					
EXW 6.1	Set-up and maintain a mobile communications system.  I-IV (L) Restricted to support subordinate and assigned units. Set-up and maintenance restricted to organic TOA communication equipment.	L	L	L	L
EXW 6.2	Maintain encrypted HF, VHF, UHF and super-high frequency (SHF) voice and data communications.  I-IV (L) Restricted to support of subordinate and assigned units. Set-up and maintenance restricted to organic TOA communication equipment.	L	L	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.  I-IV (L) Restricted to support of subordinate and assigned units. Set-up and maintenance restricted to organic TOA communication equipment.	L	L	L	L

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	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.				
EXW 6.4	Operate expeditionary communications in coordination with other NECC units and naval/joint/combined forces.  I-IV (L) Restricted to support subordinate and assigned units. Set-up and maintenance restricted to organic TOA communication equipment. 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.	L	L	L	L
EXW 6.5	Conduct OPSEC.  I-IV (L) Restricted to support subordinate and assigned units.	L	L	L	L
EXW 6.6	Conduct emissions control (EMCON) as directed by higher authority.  I-IV (L) Restricted to support subordinate and assigned units.	L	L	L	L
EXW 6.7	Conduct routine and preventative maintenance (PMS) on a mobile communication system.  I-IV (L) Restricted to support subordinate and assigned units. Maintenance restricted to organic TOA communication equipment.	L	L	L	L

EXW 6.8	Plan the force's tactical use of information systems; command, control, communications, computers, and intelligence (C4I) architecture; databases and sensors.  I-IV (L) Restricted to support subordinate and assigned units and organic TOA communication equipment.	L	L	L	L
<b>EXW 9 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 9.2	Conduct liaison with HN and other naval/joint/combined forces for support of base camp operations.  I-IV (L) Plan and direct for subordinate and assigned units.	L	L	L	L
EXW 9.6	Plan/direct base camp operations in an expeditionary environment.  I-IV (L) Plan and direct for subordinate and assigned units.	L	L	L	L
<b>EXW 10 CONDUCT C2 IN AN EXPEDITIONARY ENVIRONMENT.</b>					
EXW 10.1	Plan/direct expeditionary warfare operations.  I-IV (L) Plan and direct for subordinate and assigned units.	L	L	L	L
EXW 10.4	Exercise C2 of expeditionary logistic support units, when assigned.	F	F	F	F
EXW 10.8	Exercise C2 of NECC 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 CONDUCT EXPEDITIONARY WARFARE SUPPORT OPERATIONS.</b>					
EXW 12.2	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.  IV (L) Plan and train.  Note: For deployed personnel only.	F	F	F	L
<b>FLEET SUPPORT OPERATIONS (FSO)</b>					
<b>FSO 9 PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.</b>					
FSO 9.9	Conduct associated administrative/maintenance services:  a) Perform routine medical administrative services.  I-IV (L) Restricted to support subordinate and assigned units.	L	L	L	L
<b>FSO 20 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' 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>MOBILITY (MOB)</b>					
<b>MOB 3 PREVENT AND CONTROL DAMAGE.</b>					
MOB 3.2	Counter and control CBR contaminants/agents.  I-IV (L) Restricted to individual protective measures. For deployed personnel only.	L	L	L	L

<p>MOB 3.3</p>	<p>Maintain security against unfriendly acts.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to individual protective measures.</p>	<p>L</p>	<p>L</p>	<p>L</p>	<p>L</p>
<p><b>MOB 11 MAINTAIN MOUNT-OUT CAPABILITIES.</b></p>					
<p>MOB 11.1</p>	<p>Deploy with organic allowance within designated time period.</p> <p>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.</p>	<p>F</p>	<p>F</p>	<p>F</p>	<p>F</p>
<p>MOB 11.2</p>	<p>Mount-out selected elements/detachments.</p> <p>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.</p>	<p>F</p>	<p>F</p>	<p>F</p>	<p>F</p>
<p>MOB 11.3</p>	<p>Maintain capability for rapid airlift of unit/detachment as directed.</p> <p>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.</p>	<p>F</p>	<p>F</p>	<p>F</p>	<p>F</p>

<b>MOB 12 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.  IV (L) Plan and train.  Note: Required for deployed unit personnel only.	F	F	F	L
MOB 12.9	Provide individual protective clothing and equipment to sufficiently protect medical personnel aboard a ship at risk in a CBR-contaminated environment.  IV (L) Plan and train.  Note: Required for deployed unit personnel only.	F	F	F	L
MOB 12.12	Provide antidotes to ship's company which will counteract the effects caused by a CBR-contaminated environment.  IV (L) Plan and train.  Note: Required for deployed unit personnel only.	F	F	F	L
<b>MOB 13 MAINTAIN RESERVE UNIT MOBILIZATION 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 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 MEF forward environment.  I-IV (L) Plan and direct for subordinate and assigned units.	L	L	L	L
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 14.6	Conduct limited local security defensive combat operations.  IV (L) Plan and train.	F	F	F	L
MOB 14.7	Provide qualified personnel to conduct site surveys.	F	F	F	F
<b>MOB 19 PLAN, DIRECT, COORDINATE AND CONDUCT OPERATIONAL MOVEMENT.</b>					
MOB 19.2	Conduct intra-theatre deployment and redeployment of force within the theater of operations/assigned AO.  IV (L) Plan and train.  I-III (L) Plan and direct for subordinate and assigned units.	L	L	L	L
<b>MOB 20 PLAN, DIRECT, COORDINATE AND CONDUCT OPERATIONAL MANEUVER.</b>					
MOB 20.1	C2 concentration of forces in theater of operations/ assigned AO.  IV (L) Plan and train.  I-III (L) Plan and direct for subordinate and assigned units.	L	L	L	L
<b>MISSIONS OF STATE (MOS)</b>					
<b>MOS 1 PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.</b>					

MOS 1.8	Participate in military exercise with allied nations.  I-IV (L) Restricted to planning cargo handling and terminal operations only.	L	L	L	L
MOS 1.9	Participate in military exercise with non-allied nations.  I-IV (L) Restricted to planning cargo handling and terminal operations only.	L	L	L	L
<b>MOS 2 PROVIDE HUMANITARIAN ASSISTANCE.</b>					
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 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 14 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 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 25 CONDUCT NATION ASSISTANCE (NA).</b>					
MOS 25.6	Identify and evaluate HN infrastructure.  I-IV (L) Restricted to ports and	L	L	L	L

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airheads.					
<b>MOS</b>	<b>26 PROVIDE FUNCTIONAL SPECIALTY SUPPORT FOR CMO.</b>				
MOS 26.3	Provide port operations support.	L	L	L	L
	I-IV (L) Plan and direct for subordinate and assigned units.				
<b>NONCOMBAT OPERATIONS (NCO)</b>					
<b>NCO</b>	<b>2 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</b>	<b>10 PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>				
NCO 10.4	Provide disaster assistance and evacuation.	L	L	L	L
	I-IV (L) Conduct resource planning and coordination of subordinate and assigned units.				

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

1. An NCHB performs the following primary functions:
  - a. Rapidly deploy and 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. Load and discharge passengers, mail, and cargo from AMC or military-controlled aircraft, including transporting bulk mail to a distribution center.
  - 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. Operate aircraft and GSE, such as refueling systems.
  - g. Operate and maintain bulk fuels storage facilities and laboratories.
  - h. Provide a forward C2 element to augment theater task forces and groups to facilitate logistics requirements for forward-deployed NCHB.
  - i. 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 3M 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.

(4) Provide armory personnel to establish and manage a field armory for assigned units.

j. Assist NELR in AP and CAP processes, when required.

k. Provide feedback on training curricula.

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.

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 below. 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) Discharge and load containers, break-bulk cargo, vehicles and ordnance.

(b) Operate shipboard heavy lift pedestal and gantry cranes, yard and stay rigs and jumbo booms.

(c) Perform 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.

(d) Provide technical assistance in the area of cargo handling to the CCCR, 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, staging areas or marshalling yards in a non-tactical environment within the confines of a port.

(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 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 the Worldwide Port System (WPS) or other in-transit visibility operating systems.

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

(4) ORTs

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

(b) Scan and report ordnance status at any offloading or onloading site via ordnance information systems. Additional qualified personnel are required to complete hazardous documentation.

(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 (GATES) 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.

(6) Warehouse Operations. Provide support personnel capable of receiving, storing and issuing break bulk cargo (primarily class 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 NAVAIR 00-80T-109 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 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 following organic expeditionary logistic support:

(1) Field Messing and Billeting. Provide berthing and messing services for up to (not to exceed) 350 personnel.

(2) Vehicle Maintenance and Dispatch. Provide organizational level maintenance, dispatch and licensing of organic 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 350-person camp.

(4) Expeditionary Armory. Establish, manage and provide security for a field armory supporting a 350-person camp.

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

6. Planning data basic assumptions:

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 following:

(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 onload 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 a Marine expeditionary brigade (MEB) AFOE mission.

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

k. In-stream offloads assume the following:

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

(2) Ferry turnaround time is 1½ hours steaming at 6 knots.

(3) Sea state that supports crane operations.

l. The AC focuses on onloading and offloading MPF squadrons. If all operational areas are conducted simultaneously, ship onload and offload rates will decrease as follows:

Shipboard Throughput Rates - Pier Side						
No. of Hatch Teams	MPF Ships/Days	# of Holds Per Ship	Containerized Cargo Standard Per Hour Per Hold (6)		Palletized Cargo (Break Bulk) Standard Per Hour Per Hold (10)	
			Projected Throughput (Hourly)	Projected Throughput (Daily)	Projected Throughput (Hourly)	Projected Throughput (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/offload, cargo terminal and air cargo handling by employing the 12 hatch team strategy. Operational fuel requirements require RC augmentation.

<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	Max Weight	Projected Throughput (Hourly)	Projected Throughput (Daily)
Containerized (includes ordnance)	Short Ton (S/T)	300,000	6	150
Palletized (Break Bulk)	Measurement Ton (M/T)	960	10	240
Bulk Mail	Pounds (lbs)	40,000	-	40,000
Rolling Stock	Vehicles	-	40	720

<b>Air Cargo Throughput (All cargo on a 463L pallet. Max capacity = 10000 lbs)</b>				
Cargo Classification	Unit of Measure	Max Weight	Projected Throughput (Hourly)	Projected Throughput (Daily)
Palletized Cargo: Load and Offload	lbs	10,000	15	360
Palletized Cargo: Build and Break Down	lbs	-	4.33	100
Passengers	Pax	-	33	800
Warehousing (Class I,II,IV,IX Supply)	Pallets	-	62.5	1,500
Warehousing (Containerized)	lbs	300,000	6.25	150

<b>Ordnance Reporting Team (ORT) Throughput</b>				
Cargo Classification	Unit of Measure	Max Weight	Projected Throughput (Hourly)	Projected Throughput (Daily)
Palletized Cargo	Pallets	-	10	240
Palletized Cargo (at an ASP Storage facility)	463L	10,000	1.7	40
Containerized Cargo (Pier Side)	TEU	-	6	144
Containerized Cargo (In-Stream)	TEU	-	3	82

<b>Expeditionary Fuel Capabilities:</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	-	-	6 Retail Points

7. Capabilities constraints and restraints:

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 NELR perform these functions as an additional capability.

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 following estimates are provided:

1.	Area required	1 Acre
2.	Power required	48 KWA
3.	Space requirement (Admin)	936 Sq ft
4.	Internal roads	N/A
5.	Construction Time	80 man hours

d. The AC NCHB stores, maintains and provides security for TOA weapons allowance at their armory located at NWSY-Cheatham Annex, Virginia. Upon mobilization, NWSC 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 350 personnel tent camp). NCHB self-sustainment is defined as follows:

(1) An NCHB provides organic services to sustain the messing, berthing, limited vertical construction and maintenance of a 350-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, the following classes of supply must be provided by the supported host unit or activity: Class I (including water and MRE and UGR, II, III, 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.
- (c) PGI.

8. 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.

**REQUIRED OPERATIONAL CAPABILITIES**

NAVY CARGO HANDLING BATTALION (NCHB)		Readiness Condition			
		I	II	III	IV
<b>AMPHIBIOUS WARFARE (AMW)</b>					
<b>AMW 1 LOAD, TRANSPORT AND LAND COMBAT EQUIPMENT, MATERIAL, SUPPLIES, AND ATTENDANT PERSONNEL OF A FORCE OR GROUP IN AN AMPHIBIOUS ASSAULT.</b>					
AMW 1.1	Load combat equipment, material and supplies with attendant personnel for an amphibious assault.  I-IV (L) Restricted to cargo load out of MSC controlled AFOE shipping.	L	L	L	L
AMW 1.3	Land combat equipment, material and supplies with attendant personnel by air and/or surface transport during amphibious assault.  I-IV (L) Includes capability to land elements of a landing force with their equipment, material and supplies for an amphibious assault. 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 assault.  I-IV (L) Restricted to cargo offload of MSC controlled AFOE shipping.	L	L	L	L
<b>AMW 3 REEMBARK AND TRANSPORT EQUIPMENT, MATERIALS, SUPPLIES AND PERSONNEL.</b>					
AMW 3.2	Re-embark and transport equipment, materials and supplies.  I-IV (L) Restricted to cargo load out 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 11 CONDUCT AMPHIBIOUS CARGO HANDLING OPERATIONS.</b>					
AMW 11.1	Plan/direct amphibious cargo handling operations.  I-IV (L) Restricted to cargo handling operations of MSC controlled AFOE shipping.	L	L	L	L
AMW 11.2	Conduct amphibious cargo handling operations.  I-IV (L) Restricted to offload/load out of MSC controlled AFOE shipping.	L	L	L	L
<b>AMW 42 CONDUCT MPF OPERATIONS.</b>					
AMW 42.1	Plan/direct MPF operations.  I-IV (L) Restricted to cargo offload/onload.	L	L	L	L
AMW 42.2	Conduct MPF operations.  I-IV (L) Restricted to 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 NCHB has the dominant role, i.e., during pier side MPF operations where there is little requirement for the NELR, NBG, ACB and other ship-to-shore elements.	L	L	L	L
<b>COMMAND, CONTROL AND COMMUNICATIONS (CCC)</b>					
CCC 2	<b>COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.</b>				



<p>CCC 2.15 Function as BGLC.</p> <p>I-IV (L) Restricted to C2 of assigned unit when requested by the operational commander.</p>	L	L	L	L
<p>CCC 2.20 Control offload and ship-to-ship operations in an MPF operation.</p> <p>I-IV (L) Restricted to cargo offload control.</p>	L	L	L	L
<p>CCC 2.28 Control offload and ship-to-shore movement of cargo during AFOE and JLOTS operations.</p> <p>I-IV (L) Restricted to cargo offload control.</p>	L	L	L	L
<p><b>CCC 3 PROVIDE OWN UNIT'S C2 FUNCTIONS.</b></p>				
<p>CCC 3.1 Maintain a CIC or CDC capable of collecting, processing, displaying, evaluating and disseminating tactical information.</p> <p>Note: NAVELSG refers to this as TOC or LOC.</p>	F	F	F	F
<p>CCC 3.3 Provide all personnel services, programs, and facilities to safeguard classified material and information.</p> <p>I-IV (L) Restricted to secret and below.</p>	L	L	L	L
<p>CCC 3.4 Carry out emergency destruction of classified material and equipment rapidly and efficiently.</p> <p>I-IV (L) Restricted to burning and physical destruction when in the field.</p>	L	L	L	L
<p>CCC 3.8 Establish voice communications with USMC evacuation and command nets and/or NSA net.</p> <p>I-IV (L) Restricted to VHF and HF type communication equipment and units within the same geographic area (port, terminal, airhead area). To provide</p>	L	L	L	L

	secure HF capability, must deploy with certified operator/maintenance personnel.				
	CCC 3.11 Establish voice communications with supported forces.	F	F	F	F
<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).	L	L	L	L
	CCC 6.12 Maintain internal communications systems.	F	F	F	F
<b>CONSTRUCTION (CON)</b>					
<b>CON 2</b>	<b>PERFORM BASE CONSTRUCTION.</b>				
	CON 2.4 Perform vertical construction of own expeditionary camp facilities under all climatic conditions.  IV (L) Plan and train only.  Note: Restricted to 350 personnel tent camp. AC can only employ 18-hatch team strategy during initial expeditionary camp construction.	F	F	F	L
<b>CON 5</b>	<b>PERFORM CONSTRUCTION LOGISTIC SUPPORT IN THE ASSIGNED AO.</b>				
	CON 5.5 Perform inventory management of construction and ABFC material.  Note: Restricted to organic TOA and augmented CESE/MHE and materials.	F	F	F	F
<b>INFORMATION OPERATION (IO)</b>					
<b>IO4</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>EXPEDITIONARY WARFARE (EXW)</b>					
<b>EXW 2</b>	<b>CONDUCT LANDSIDE SECURITY OPERATIONS.</b>				

EXW 2.1	<p>Conduct garrison security operations.</p> <p>Note: Augment existing security only.</p>	F	F	F	F
EXW 2.2	<p>Conduct pier security operations.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to augmenting existing pier security.</p>	L	L	L	L
EXW 2.3	<p>Conduct access/ECP defense to prevent unauthorized access to protected high value asset and infrastructure areas.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to immediate camp areas and augment of existing pier security element.</p>	L	L	L	L
EXW 2.7	<p>Operate in coordination with other NECC units and naval/joint/combined forces in support of landside security.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to immediate camp areas and augment of existing security element.</p>	L	L	L	L
EXW 2.9	<p>Provide a rapid response force.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to immediate camp areas to augment existing security element.</p>	L	L	L	L
EXW 2.12	<p>Conduct landside security using non-lethal means of force.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to immediate camp areas.</p>	L	L	L	L

<b>EXW 5 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.  IV (L) Plan and train.  I-III (L) Restricted to non-tactical movement within the confines of a port or airhead in permissive/uncertain environment. Personnel movement outside base camp requires augmentation of a convoy security element.	L/E	L/E	L/E	L/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.  IV (L) Plan and train.  I-III (L) Restricted to non-tactical movement within the confines of a port or airhead and establishing prescribed routes for cargo movement.	L	L	L	L
<b>EXW 6 MAINTAIN EXPEDITIONARY COMMUNICATIONS CAPABILITY.</b>					
EXW 6.1	Set-up and maintain a mobile communications system.  III-IV (L) Full capability achieved and sustained via recalled reserve assets.  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	F	L/A	L/A

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EXW 6.2	<p>Maintain encrypted HF, VHF, UHF, and SHF voice and data communications.</p> <p>III-IV (L) Full capability achieved and sustained via recalled reserve assets.</p> <p>Note: Restricted to support of assigned units. Set-up and maintenance restricted to organic TOA communication equipment. Supported internally via augmentation from NELR ECD.</p>	F	F	L/A	L/A
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>III-IV (L) Full capability achieved and sustained via recalled reserve assets.</p> <p>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.</p>	F	F	L/A	L/A
EXW 6.4	<p>Operate expeditionary communications in coordination with other NECC units and naval/joint/combined forces.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to support of NAVELSG units. Set-up and maintenance restricted to organic TOA communication equipment.</p>	L/A	L/A	L/A	L/A

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	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.				
EXW 6.6	Conduct EMCON as directed by higher authority.  IV (L) Plan and train.  I-III (L) Full capability achieved and sustained via recalled reserve assets.  Note: Restricted to support of assigned units. Supported internally via augmentation from NELR ECD.	F/A	F/A	F/A	L/A
EXW 6.7	Conduct routine and PMS on a mobile communication system.  IV (L) Plan and train.  I-III (L) Full capability achieved and sustained via recalled reserve assets.  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	L/A
EXW 6.8	Plan the force's tactical use of information systems, C4I architecture, databases and sensors.  IV (L) Plan and train.  I-III (L) Full capability achieved and sustained via recalled reserves.	F/A	F/A	F/A	L/A

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	Note: Restricted to support of assigned units and organic TOA communication equipment. Supported internally via augmentation from NELR ECD.				
<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.  IV (L) Plan and train.  Note: Organic support for 350 personnel camp. AC can only employ 18 hatch team strategies during initial expeditionary camp construction.	F	F	F	L
EXW 9.4	Maintain base camp operations including power generation/distribution and water/sanitation.  IV (L) Plan and train.  Note: Organic support for 350 personnel camp. AC can only employ 18 hatch team strategies during initial expeditionary camp construction.	F	F	F	L
EXW 9.5	Maintain base camp perimeter and ECP security.  IV (L) Plan and train.  Note: Restricted to internal camp perimeter. ECP Security includes use of crew served weapons (CSW).	F/E	F/E	F/E	L/E

EXW 9.6	Plan/direct base camp operations in an expeditionary environment.  IV (L) Plan and train.  I-III (L) Restricted to assigned units.	L	L	L	L
<b>EXW 10 CONDUCT C2 IN AN EXPEDITIONARY ENVIRONMENT.</b>					
EXW 10.4	Exercise C2 of expeditionary logistic support units, when assigned.	F	F	F	F
EXW 10.8	Exercise C2 of NECC adaptive force package, task force, task group, task unit or other joint or combined task force or subordinate component.  I-IV (L) Restricted to assigned units.	L	L	L	L
<b>EXW 12 CONDUCT EXPEDITIONARY WARFARE SUPPORT OPERATIONS.</b>					
EXW 12.1	Provide repair and inspection services for CESE.  I-IV (L) Restricted to organic TOA. Also includes organic TOA MHE.	L	L	L	L
EXW 12.2	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.  III-IV (L) Training purposes only.  Note: For deployed personnel only.	F	F	L	L
<b>EXW 13 REPAIR OWN UNIT'S EXW EQUIPMENT.</b>					
	I - IV (L) Restricted to organizational level maintenance of TOA equipment.	L	L	L	L
<b>EXW 14 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S EXW CAPABILITIES.</b>					
		F	F	F	F



FLEET SUPPORT OPERATIONS (FSO)					
FSO 2 PROVIDE BASE FACILITY MAINTENANCE AND UTILITY OPERATIONS.					
FSO 2.1	Operate and maintain electric power generation systems (diesel) and distribution systems.  IV (L) Plan and train.  I-III (L) Restricted to establishing and maintaining own expeditionary camp systems.	L	L	L	L
FSO 2.2	Operate and maintain water production and distribution systems including advanced base desalination equipment.  IV (L) Plan and train.  I-III (L) Restricted to operating and maintaining own water distribution in TOA equipment (mobile water tanks).	L	L	L	L
FSO 2.3	Maintain structures of all types including wood, prefabricated, steel and concrete.  I - IV (L) Restricted to own unit support.	L	L	L	L
FSO 2.6	Maintain petroleum, oil, and lubricants (POL) storage facilities.				
	NCHB (Active)  III-IV (L) Full capability achieved and sustained via recalled reserve assets.  Note: Restricted to expeditionary bulk fuel storage and fuel service station facilities.	F	F	L/A	L/A
	NCHB (Reserve)	F	F	F	F

<b>FSO 9 PROVIDE MEDICAL CARE TO ASSIGNED AND EMBARKED PERSONNEL.</b>					
FSO 9.1	Conduct sick call.  Note: For unit personnel only.	F	F	F	F
FSO 9.5	Conduct sanitation and safety inspections.  Note: For unit personnel only.	F	F	F	F
FSO 9.6	Conduct occupational health/safety and preventive medicine programs and training using the following personnel:  a) Hospital corpsmen. b) Independent duty hospital corpsmen.  I - IV (L) Occupational health support required of others. AC can provide independent duty hospital corpsmen.  Note: For unit personnel only.	L	L	L	L
FSO 9.9	Conduct associated administrative/maintenance services:  a) Maintain adequate medical supplies for appropriate level health care. b) Perform routine medical administrative services.  Note: For unit personnel only.	F	F	F	F
FSO 9.19	Provide medical care, triage and resuscitation commensurate with health care provider credentials using the following personnel:  a) Independent duty hospital corpsman. b) Hospital corpsman.  Note: For unit personnel only. Independent duty hospital corpsman applicable to AC only.	F	F	F	F

<b>FSO 10 PROVIDE FIRST AID ASSISTANCE.</b>				
FSO 10.1 Identify, equip and maintain appropriate first aid spaces.  Note: For unit personnel only.	F	F	F	F
<b>FSO 20 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 only.	L	L	L	L
<b>FSO 46 MONITOR ASSIGNED UNIT'S ADMINISTRATIVE PROCEDURES.</b>	F	F	F	F
<b>FSO 47 MONITOR ASSIGNED UNIT'S OPERATIONAL PROCEDURES.</b>	F	F	F	F
<b>FSO 48 MONITOR ASSIGNED UNIT'S MATERIAL READINESS.</b>	F	F	F	F
<b>FSO 51 REPAIR OWN UNITS FLEET SUPPORT OPERATIONS (FSO)-RELATED EQUIPMENT.</b>  I - IV (L) Restricted to organizational level maintenance of TOA equipment.	L	L	L	L
<b>FSO 55 MAINTAIN READINESS BY PROVIDING FOR TRAINING OF OWN UNIT'S PERSONNEL.</b>	F	F	F	F
<b>LOGISTICS (LOG)</b>				
<b>LOG 2 TRANSFER/RECEIVE CARGO AND PERSONNEL.</b>				
LOG 2.2 Provide facilities and personnel for material, mail and passenger handling.  I-IV (L) Restricted to providing personnel for material, mail and passenger handling. AC can only employ 18 hatch team strategies during cargo terminal operations.	L	L	L	L
LOG 2.3 Act as a transient personnel receiving station.  I-IV (L) Restricted to providing personnel only to work in an expeditionary air terminal.	L	L	L	L

<b>LOG 5 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.  I-IV (L) Restricted to operation of assigned MHE and CESE TOA equipment. Restricted to organizational level maintenance of TOA equipment (includes CESE).	L	L	L	L
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.  I-IV (L) Operating radius restricted to 10 kilometers or within confines of port or airhead.	L	L	L	L
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 OPERATE PORT FACILITY.</b>				
LOG 7.1 Operate and maintain material handling equipment for intra-terminal material movement.  I-IV (L) Restricted to operation of assigned MHE and CESE TOA equipment. Restricted to organizational level maintenance of TOA equipment (includes CESE).	L	L	L	L
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.  Note: Restricted to fuels testing in an expeditionary fuel field laboratory only.				
NCHB (Active)  III-IV (L) Full capability achieved and sustained via recalled reserve assets.	F	F	L/A	L/A
NCHB (Reserve)	F	F	F	F
<b>LOG 8 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.  I-IV (L) Limited to ocean and air terminal operations, including marshalling yard operation. AC can only employ 18 hatch team strategies during material control operations.	L	L	L	L

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 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 CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S LOG CAPABILITIES.</b>		F	F	F	F
<b>MOBILITY (MOB)</b>					
<b>MOB 3 PREVENT AND CONTROL DAMAGE.</b>					
MOB 3.2	Counter and control CBR contaminants/agents.  IV (L) Plan and train.  I-III (L) Restricted to individual protective measures. For deployed personnel only.	L	L	L	L
MOB 3.3	Maintain security against unfriendly acts.  IV (L) Plan and train.  I-III (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
<b>MOB 8 OPERATE FROM A SHIP.</b>					
MOB 8.6	Operate from merchant ships and indigenous craft.  IV (L) Plan and train.  Note: Includes MPF in stream operations.	F	F	F	L

<b>MOB 11 MAINTAIN MOUNT-OUT CAPABILITIES.</b>					
MOB 11.1	<p>Deploy with organic allowance within designated time period.</p> <p>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. Thirty days for personnel and all gear.</p>	F	F	F	F
MOB 11.2	<p>Mount-out selected elements/detachments.</p> <p>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. Thirty days for personnel all unit gear.</p>	F	F	F	F
MOB 11.3	<p>Maintain capability for rapid airlift of unit/detachment as directed.</p> <p>IV (L) Plan and train.</p>	F	F	F	L
<b>MOB 12 MAINTAIN THE HEALTH AND WELL BEING OF THE CREW.</b>					
MOB 12.3	<p>Monitor and/or maintain the environment to ensure the protection of personnel from overexposure to hazardous levels of radiation, temperature, noise, vibration and toxic substances per current instructions.</p> <p>I-IV (L) Restricted to noise and temperature. Require support to monitor for radiation, vibration, and toxic substances.</p>	L	L	L	L
MOB 12.5	<p>Monitor the health and well-being of the crew to ensure that habitability is consistent with approved habitability procedures and standards.</p>	F	F	F	F

MOB 12.8	Provide individual protective clothing and equipment to sufficiently protect personnel identified being at risk in a CBR-contaminated environment.  IV (L) Plan and train.  Note: Required for deployed unit personnel only.	F	F	F	L
MOB 12.9	Provide individual protective clothing and equipment to sufficiently protect medical personnel aboard a ship at risk in a CBR-contaminated environment.  IV (L) Plan and train.  Note: Required for deployed unit personnel only.	F	F	F	L
MOB 12.12	Provide antidotes to ship's company which will counteract the effects caused by a CBR-contaminated environment.  IV (L) Plan and train.  Note: Required for deployed unit personnel only.	F	F	F	L
<b>MOB 13 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 (Active)  IV (L) Plan and train.	F	F	F	L
	NCHB (Reserve)  IV (L) Plan and train.	F	L	L	L



<p>II-III (L) Unit mobilization and embarkation is 45-60 days after Presidential Recall.</p>				
<b>MOB 14 CONDUCT OPERATIONS ASHORE.</b>				
<p>MOB 14.1 Operate in climatic extremes ranging from cold weather to tropical to desert environments.</p>	F	F	F	F
<p>MOB 14.2 Operate in rear of combat zone in APF or MEB operation.</p> <p>IV (L) Plan and train.</p>	F	F	F	L
<p>MOB 14.4 Move up to 10 percent of operating equipment using organic motor transport assets.</p> <p>IV (L) Plan and train.</p>	F	F	F	L
<p>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.</p> <p>IV (L) Plan and train.</p>	F	F	F	L
<p>MOB 14.6 Conduct limited local security defensive combat operations.</p> <p>IV (L) Plan and train.</p> <p>I-III (L) Restricted to internal camp/ECP security, individual protective measures and work area security. Security includes use of CSW.</p>	L	L	L	L
<p>MOB 14.7 Provide qualified personnel to conduct site survey.</p> <p>I-IV (L) Restricted to cargo handling operations only - ports and airheads.</p>	L	L	L	L
<p><b>MOB 17 PERFORM ORGANIZATIONAL LEVEL REPAIRS TO OWN UNIT'S MOB EQUIPMENT.</b></p> <p>IV (L) Plan and train.</p>	F	F	F	L

<b>MOB 18</b>	<b>CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN/RESTORE OWN UNIT'S MOB CAPABILITIES.</b>	F	F	F	L
	IV (L) Plan and train.				
<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.  IV (L) Plan and train.  II-III (L) Restricted to cargo handling and terminal operations only.	F	L	L	L
MOS 1.9	Participate in military exercises with non-allied nations.  IV (L) Plan and train.  II-III (L) Restricted to cargo handling and terminal operations only.	F	L	L	L
<b>MOS 2</b>	<b>PROVIDE HUMANITARIAN ASSISTANCE.</b>				
MOS 2.1	Deliver relief material.  IV (L) Plan and train.  II-III (L) Restricted to ship/aircraft cargo and passenger offload and onload including transport to marshalling location.	F	L	L	L
MOS 2.10	Support/provide for the evacuation of noncombatant personnel in areas of civil or international crisis.  IV (L) Plan and train.  II-III (L) Restricted to ship/aircraft cargo and passenger offload and on load including transport to marshalling location.	F	L	L	L

<b>MOS 3 PERFORM PEACEKEEPING.</b>					
MOS 3.2	Provide logistics support for a joint/allied peacekeeping force.  IV (L) Plan and train.  II-III (L) Restricted to ship/aircraft cargo and passenger off load and on load including transport to marshalling location.	F	L	L	L
<b>MOS 12 CONDUCT CAO.</b>					
MOS 12.5	Conduct cultural briefings to supported units.  Note: For assigned unit personnel.	F	F	F	F
MOS 12.14	Conduct foreign humanitarian assistance.  IV (L) Plan and train.  II-III (L) Restricted to ship/aircraft cargo and passenger offload and onload including transport to marshalling location.	F	L	L	L
<b>MOS 14 CONDUCT NA.</b>					
MOS 14.6	Identify and evaluate HN infrastructure.  IV (L) Plan and train.  II-III (L) Restricted to ports and airheads.	F	L	L	L
<b>MOS 15 PROVIDE FUNCTIONAL SPECIALTY SUPPORT FOR CMO.</b>					
MOS 15.3	Provide port operations support.  IV (L) Plan and train.  I-III (L) Restricted to cargo handling and terminal operations only.	L	L	L	L
<b>NONCOMBAT OPERATIONS (NCO)</b>					
<b>NCO 2 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.  IV (L) Plan and train.  I-III (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
NCO 2.11	Provide personnel for fuels support.				
	NCHB (Active)  II-IV (L) Full capability achieved and sustained via recalled reserve assets.	F/A	L/A	L/A	L/A
	NCHB (Reserve)	F	F	F	F
<b>NCO 3 PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT.</b>					
NCO 3.1	Provide organizational level preventive maintenance.	F	F	F	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 NWSY-Cheatham Annex, Virginia. When not mobilized, RC weapons allowance is stored at NWSC Crane, Indiana.	F	F	F	F
NCO 3.4	Maintain preservation and cleanliness of topside and internal spaces.  Note: Restricted to own facilities ashore.	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 PROVIDE EMERGENCY/DISASTER ASSISTANCE.</b>				
NCO 10.4 Provide disaster assistance and evacuation.  IV (L) Plan and train.  II-III (L) Restricted to ship/aircraft/ cargo/passenger off load and on load.	F	L	L	L
<b>STRATEGIC SEALIFT (STS)</b>				
<b>STS 1 LOAD DISCHARGE AND TRANSPORT DRY 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 non self-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 LOAD DISCHARGE AND TRANSPORT POL.</b>				
STS 2.1 Provide liquid cargo tanks and piping systems suitable for carriage of POL.				
NCHB (Active)  II-IV (L) Full capability achieved and sustained via recalled reserve assets.	F/A	L/A	L/A	L/A
NCHB (Reserve)  III-IV (L) Full capability achieved and sustained via recalled reserve assets.	F	F	L	L

<b>STS 4 PREPOSITION CARGO.</b>					
STS 4.1	Maintain cargo space, including appropriate environmental control, for prepositioned cargo.	L	L	L	L
	I-IV (L) Restricted to operation of ocean, air and marshalling yard operations.				