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OPNAV INSTRUCTION 3501.403

From: Chief of Naval Operations

Subj: REQUIRED OPERATIONAL CAPABILITIES AND PROJECTED OPERATIONAL ENVIRONMENT FOR MINE COUNTERMEASURES SQUADRON FIVE AND SEVEN STAFF

Ref: (a) OPNAVINST C3501.2K (NOTAL)
(b) CUNSC/C5F OPOD 1000-13
(c) C7F OPOD 201 (NOTAL)
(d) OPLAN 5027 (NOTAL)
(e) NWP 3-15 Vol. 1, Naval Mine Warfare
(f) OPNAVINST 1000.16L
(g) NTRP 1-03.5 Defense Readiness Reporting System-Navy Reporting Manual

Encl: (1) Projected Operational Environment (POE) for Mine Countermeasures Squadron FIVE (MCMRON FIVE) Staff
(2) Projected Operational Environment (POE) for Mine Countermeasures Squadron (MCMRON) SEVEN Staff
(3) Required Operational Capabilities (ROC) for Mine Countermeasures Squadron (MCMRON) FIVE and SEVEN

1. Purpose. To issue the required operational capabilities (ROC) and projected operational environment (POE) for Commander, Mine Countermeasures Squadron FIVE (COMCMRON FIVE) and Commander, Mine Countermeasures Squadron SEVEN (COMCMRON SEVEN). COMCMRON FIVE and COMCMRON SEVEN will be referred to as "MCMRON" throughout this document when discussing both.

2. Discussion. Enclosures (1) through (3) have been prepared per reference (a). This instruction provides resource agencies information concerning MCMRON staff mission requirements, capabilities, and the types and locations of expected operations as prescribed in references (b), (c), and (d). Together, the ROC and POE define capabilities as prescribed in reference (e) that produce a measurable workload to compute personnel requirements for fleet manpower documents (FMD) per reference (f). Enclosure (3) will be used in determining specific mission area M-Ratings reported under reference (g).

3. Action. In a continuous 2-year cycle, MCMRON staff will review all enclosures and recommend changes through the appropriate administrative chain of command to the Office of the Chief of Naval Operations, Director, Expeditionary Warfare (OPNAV N95) (Attention:

Mine Warfare Branch (OPNAV N952)) when capabilities of MCMRON staff are significantly altered. Change recommendations should include comments on the expected FMD impact.

4. Records Management. Records created as a result of this instruction, regardless of media and format, will be managed per Secretary of the Navy (SECNAV) Manual 5210.1 of January 2012.

5. Review and Effective Date. Per OPNAVINST 5215.17A, OPNAV N95 will review this instruction annually on the anniversary of its effective date to ensure applicability, currency, and consistency with Federal, Department of Defense (DoD), SECNAV, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will automatically expire 5 years after effective date unless reissued or canceled prior to the 5-year anniversary date, or an extension has been granted.



C. S. OWENS

Director, Expeditionary Warfare

Releasability and distribution:

This instruction is cleared for public release and is available electronically only via the Department of the Navy Issuances Web site, <http://doni.documentservices.dla.mil/>

PROJECTED OPERATIONAL ENVIRONMENT (POE)
FOR
MINE COUNTERMEASURES SQUADRON FIVE (MCMRON FIVE) STAFF

1. COMCMRON FIVE, as Commander, Task Force (CTF) 52 (CTF-52), is forward deployed to the Kingdom of Bahrain and reports operationally to Commander, 5th Fleet (COMFIFTHFLT) and administratively to Commander, Naval Surface Force, U.S. Pacific Fleet. COMFIFTHFLT has task-organized MCMRON FIVE as CTF-52 and is the designated theater mine warfare commander (MIWC).
2. MCMRON FIVE's mission is to strengthen national and coalition mine warfare (MIW) capabilities and capacity in order to promote a secure maritime environment in the coalition area of operations (AO). On order, MCMRON FIVE will execute MIW operations in order to advance combined force maritime component commander (CFMCC) operational objectives of maintaining or reestablishing unencumbered freedom of maneuver, and assuring access to critical maritime infrastructure. COMCMRON FIVE is to act as the operational commander for assigned air, surface, and underwater mine countermeasures (MCM) units. COMCMRON FIVE also serves as the MIWC and mine countermeasures commander (MCMC) in support of theater specific operation order (OPORD), operation plan (OPLAN), and exercise directives. COMCMRON FIVE, as CTF-52, will conduct integrated MCM operations using air, surface, and underwater MCM assets in both exercise and regional conflict scenarios throughout the COMFIFTHFLT AO. Detailed roles, responsibilities, and duties are located in references (b), (d), and (e).
3. The most demanding operating environment for MCMRON FIVE is operations from either the sea or shore in wartime in cooperation with designated combined, unified, or allied forces, while exercising control over all assigned MIW assets. Within the COMFIFTHFLT AO, COMCMRON FIVE will serve as the MIWC and MCMC. Depending on the extent of operations and geographic separation within a MIWC's AO, multiple MCMCs under coordination of a single MIWC may be required. In most instances, the MIWC will also serve as the MCMC. As OPLANs and contingencies dictate, Naval Surface and Mine Warfighting Development Center (SMWDC) will augment COMFIFTHFLT, CFMCC and CTF-52, MCMRON FIVE, with MIW support cell(s).
4. MCMRON FIVE has operational control (OPCON) of Helicopter Mine Countermeasures Squadron 15 Detachment 2 (HELMINERON FIFTEEN Det 2), United States Ship (USS) *Sentry* (MCM 3), USS *Devastator* (MCM 6), USS *Gladiator* (MCM 11), and USS *Dextrous* (MCM 13), all forward-deployed to the Kingdom of Bahrain. Additionally, MCMRON FIVE, as CTF-52, will routinely assume tactical command (TACOM) of assigned Royal Navy Forces (minehunters; Royal Fleet Auxiliary ships; United Kingdom Mine Countermeasures Force; and tactical control (TACON) of expeditionary mobile bases (ESB); and expeditionary MCM forces (task group headquarters, unmanned underwater vehicles (UUV), unmanned surface vehicles, and explosive ordnance disposal (EOD) elements) for exercises, operations, and other activities.

5. MCMRON FIVE, as CTF-52, is COMFIFTHFLT's functional warfare commander for MIW and will typically serve as the supporting commander for CTF-50 (carrier strike group) or CTF-51 (expeditionary strike group) for full-spectrum warfare operations. However, CTF-52 may serve as the supported commander based on the scope of the operation and COMFIFTHFLT designation. CTF-51 may support CTF-52 by providing an ESB for staff and unit embarkation. CTF-53 (logistics) will serve as supporting commander, providing logistics support. CTF-55 (surface forces) will provide force protection in a supporting role. CTF-56 (expeditionary combat forces) will support CTF-52 by providing expeditionary MCM forces a full range of military operations under all threat levels i.e., full spectrum of theater security cooperation operations including peacekeeping, foreign humanitarian assistance, disaster relief, humanitarian and civic assistance, disaster recovery, maritime civil affairs, force protection, maritime security, training, and other service directed exercises. CTF-57 (maritime patrol forces) serves in a supporting commander capacity by providing air assets for intelligence, surveillance, and reconnaissance and minelaying operations.

a. The MIWC and MCMC exercises TACON of all assigned MCM forces (TACOM in the case of United Kingdom (UK) force elements). MIWC and MCMC duties included in subparagraphs 5a(1) through 5a(19).

- (1) Provide recommendations to officer in TACOM and warfare commanders.
- (2) Provide recommendations and advice on how MIW operations fit into overall theater of operations.
- (3) Coordinate the defensive MCM effort and tasking of MCM forces.
- (4) Conduct regular MCM exercises to demonstrate resolve and maintain readiness.
- (5) Issue risk directives or risk matrices to MCM forces.
- (6) Provide information and recommendation to COMFIFTHFLT to assist determination of acceptable threat level and risk to follow-on forces and shipping.
- (7) Coordinate logistics and sustainment support for assigned MCM forces.
- (8) Issue and modify MCM task orders to counter threat.
- (9) Coordinate MCM force protection.
- (10) Provide guidance on how MCM operations fit into theater operations of the fleet commander.

- (11) Make recommendations to assist in establishing the force disposition in the presence of a mine threat.
- (12) Coordinate requests for additional MCM force support.
- (13) Evaluate the implications of adversary MIW operations, and recommends an appropriate response.
- (14) Designate mine threat area (MTA) and mine danger area (MDA), if authority to do so is delegated by higher authority.
- (15) Ensure readiness status of MCM forces.
- (16) Coordinate oceanographic support for MCM operations.
- (17) Coordinate employment of joint MCM assets within the amphibious objective area (AOA) in support of MCM mission.
- (18) Coordinate with expeditionary forces for the development of amphibious assault geometry.
- (19) Maintain preparedness to conduct lead-through operations for ships transiting the MTA and advise on the non-MCM vessel's minefield self-protective measures.

b. MCM operations will often involve allied and coalition forces. The MIWC and MCMC will be a key coordinator for all coalition MCM efforts. Such operations require the use of complex plans and reports with which the MIWC and MCMC will be familiar. The MIWC and MCMC will act to disseminate plans to and receive information from the coalition partners. Staffs will prepare coalition communications to rely on formatted message traffic as opposed to voice or other forms of data transfer. The Navywide operation task MIW and its supplements provide detailed guidance for their application.

c. The MCMC, who is usually subordinate to the Commander, Amphibious Task Force (CATF) upon the arrival of the amphibious force in the operational area is responsible for planning defensive MCM in the amphibious operating area or in support of combined forcible entry operations. Amphibious operations support includes the clearance of the outer mine barriers from deep water, 200 feet and deeper, to the beginning of the surf zone (SZ), the 10-foot contour depth. Assault breaching is a preplanned fire support mission using precision guided munitions to neutralize mines and obstacles in the SZ and beach zone (10 foot depth contour to high-water mark (HWM) and HWM to beach exit, respectively). Assault breaching must be coordinated and synchronized with the maneuver of troops going ashore, other D-day fires, and ongoing MCM operations, specifically, underwater MCM operations being conducted in the very shallow water (VSW) (10 to 40 foot depth contours) region. Joint Direct Attack Munition

(JDAM) Assault Breaching System (JABS) is the only Navy standoff capability currently available for breaching mines and obstacles from the 10-foot depth contour to the beach exit. Planning for assault breaching is conducted by the SMWDC strike fires organization. The SMWDC strike fires team will augment the CFMCC, CATF, MIWC, and MCMC as requested. The SMWDC strike fires officer, in coordination with the CATF and combat logistics force, will plan the breach and determination of individual weapon aim points and the priority of effort for the CATF. The SMWDC strike fires officer will forward an air support request (ASR) to the CFMCC and it will be routed for sourcing through the joint fires process.

d. Other duties of MCMRON FIVE are explained in subparagraphs 5d(1) through 5d(6).

(1) Assure COMFIFTHFLT that surface mine countermeasure (SMCM) elements are continuously evaluated in the areas of shipboard training, administrative, management, personnel adequacy, supply and material readiness. Additionally, MCMRON FIVE will influence and evaluate the conduct of required operational and administrative inspections directed by higher authority.

(2) Maintain operational and TACON of all assigned MCM aircraft. Commander, Helicopter Squadron Combat Wing Atlantic will maintain administrative control of all assigned MCM aircraft.

(3) Support contingency MCM force material and training requirements in the event of contingency or general war plan execution.

(4) Maintain TACON of all assigned MCM ships. MCMRON THREE will maintain administrative control of all MCMRON FIVE assigned MCM ships. In coordination with MCMRON THREE:

(a) Ensure the readiness of all assigned MCM ships is maintained per reference (e) and appropriate to assigned employment and fleet readiness policy.

(b) Monitor the readiness of assigned surface units and liaise with regional maintenance centers (RMC) and training centers as necessary for material readiness and training issues.

(5) Establish and conduct command and control (C2) when operating from an expeditionary base.

(6) Embark and conduct C2 from USS, United States Naval Ship (USNS), and coalition ESB ship as required and available.

6. MCMRON FIVE, CTF-52, focus during peacetime will be planning and executing MIW operations in the forward littoral environment with the goal of maintaining sea line of

communication (SLOC) and providing unencumbered use of the maritime domain for friendly military and commercial use. COMFIFTHFLT recognizes the potential for regional political instability and will exercise vigilance in their observance of possible mining activity. COMFIFTHFLT MIW operations will be conducted per reference (b) and applicable theater concept plan (CONPLAN) and OPLAN.

7. MCMRON FIVE, CTF-52, will coordinate and integrate coalition capabilities to the maximum extent possible. CTF-52 operations will be conducted within the framework of a U.S. or bilateral U.S. and UK mandate in close cooperation with host nation and other coalition forces, including the operational collaboration planning group consisting of U.S., UK, Canadian, and French forces.

8. MCMRON FIVE, CTF-52, staff will be capable of performing all assigned primary missions simultaneously while maintaining readiness states I, II, III (full and tailored contingency and current operations readiness) or IV (training readiness) as defined in enclosure (3). MCMRON staffs will maintain readiness consistent with the fleet response training plan.

9. This paragraph contains a list of key personnel reporting to the Commander, MCMRON FIVE mission and responsible for the execution of assigned essential tasks. Due to the support received from MCMRON THREE, the list of key personnel for MCMRON FIVE will differ from the list provided for MCMRON SEVEN as: deputy commander, chief of staff officer, and command master chief. Other key support personnel, assistants, and department heads will be provided or augmented by MCMRON THREE. Individual responsibilities will be detailed in OPNAVINST 3120.32D, Standard Organizations and Regulations Manual. MCMRON FIVE has a requirement for organic administrative support while the staff is deployed and will maintain a rear echelon (RE) based at their headquarters at Naval Support Activity (NSA) Bahrain to liaise with COMFIFTHFLT.

10. While embarked on a C2 ship or from an expeditionary base, MCMRON FIVE staff will maintain the capability to provide maintenance, logistics, and administrative support to assigned SMCM assets in cooperation with MCMRON THREE Detachment based at NSA Bahrain. MCMRON THREE and FIVE staffs consist of the essential subject matter experts to provide unit level maintenance functions, coordinate logistic requirements, and oversee administrative support functions for those in Bahrain during both exercises and operations.

11. Use of standard Navy workweek for MCMRON staffs will be as defined in reference (f).

PROJECTED OPERATIONAL ENVIRONMENT (POE)
FOR
MINE COUNTERMEASURES SQUADRON (MCMRON) SEVEN STAFF

1. MCMRON SEVEN is forward deployed to Sasebo, Japan and reports operationally to Commander, Amphibious Force 7th Fleet (CTF-76) and administratively to Commander, Surface Forces Pacific.
2. The mission of MCMRON SEVEN is to act as immediate superior in command (ISIC) for their assigned surface units and operational commander for assigned air, surface, and underwater MCM units. Commander, MCMRON SEVEN also serves as the MCMC in support of theater specific OPORD, OPLAN, and exercise directives. MCMRON SEVEN will conduct integrated MCM operations using air, surface, and EOD assets in both exercise and regional conflict scenarios throughout the Commander, U.S. 7th Fleet (COMSEVENTHFLT) AO. Detailed roles, responsibilities, and duties are located in references (c), (d), and (e).
3. MCMRON SEVEN will anticipate a demanding operating environment from sea or shore in wartime in cooperation with designated joint, unified, or allied forces, while exercising control over all assigned MIW assets. The MCMC is the primary MCM advisor to the MIWC within an assigned area. MCMRON SEVEN serves as the preferred organization to fulfill the MCMC role for MCM planning and force C2.
4. MCMRON SEVEN has OPCON of Helicopter Mine Countermeasures Squadron 14 Detachment 1 (HELMINERON FOURTEEN Det 1), located in Pohang, Republic of Korea. MCMRON SEVEN has operational and administrative control of USS *Patriot* (MCM 11), USS *Pioneer* (MCM 9), USS *Warrior* (MCM 10), and USS *Chief* (MCM 14), whose crews are permanent. MCMRON SEVEN will routinely conduct combined operations with the Japan Maritime Self Defense Force (JMSDF) and Republic of Korea Navy (ROKN). ROKN operations will include combined operations in the U.S.-ROKN MIW Coordination Center and coalition operations with United Nations Sending States.
5. MCMRON SEVEN MCMC operational duties include support to various OPLANS, contingency plans, treaty obligations, and maritime homeland defense (MHD) in the Western Pacific. Roles may include standing up and operating out of bi-lateral MIW command centers, remote deployment to U.S. or allied expeditionary bases, direct support and TACON to CTF-776, CTF-76, Commander, Task Group (CTG) 78.6 (CTG 78.6), OPCON under CTF-777, CTF-77, CTG 78.7, afloat staging base embark, and contingency or MHD support under various joint task force (JTF), CFMCC, joint force maritime component commander (JFMCC), combined naval component commander (CNCC) constructs, among other operational tasking and roles.
 - a. MCMC exercises TACON of all assigned MCM forces. Duties of MCMC are per subparagraphs 5a(1) through 5a(17).

- (1) Coordinate the defensive MCM effort and tasking of MCM forces.
- (2) Conduct regular MCM exercises to demonstrate resolve and maintain readiness.
- (3) Coordinate with MIWC to issue risk directive or risk matrix to MCM forces.
- (4) Determine, with MIWC, acceptable threat level and risk to follow-on forces and shipping.
- (5) Coordinate support for assigned MCM forces.
- (6) Issue and modify MCM task orders to counter threat.
- (7) Coordinate MCM force protection with MIWC.
- (8) Provide guidance on how MCM operations fit into theater operations of the fleet commander.
- (9) Make recommendations to assist in establishing the force disposition in the presence of a mine threat.
- (10) Coordinate requests for additional MCM force support.
- (11) Evaluate the implications of adversary MIW operations, and recommend an appropriate MCM approach.
- (12) Designate MTA and MDA, if authority to do so is delegated by higher authority.
- (13) Maintain readiness status of MCM forces.
- (14) Coordinate oceanographic support for MCM operations.
- (15) Coordinate employment of joint MCM assets within the AOA in support of MCM mission.
- (16) Coordinate with expeditionary forces for the development of amphibious assault geometry.
- (17) Will be prepared to conduct lead-through operations for ships transiting the MTA and advise on the non-MCM vessel's minefield self-protective measures.

b. MCM operations will often involve allied and coalition forces. The MCMC will be a focal point for all coalition MCM efforts. Such operations require the use of complex plans and

reports with which the MCMC will be familiar. The MCMC will act to disseminate plans to and receive information from the coalition partners. Staffs will prepare coalition communications to rely on formatted message traffic as opposed to voice or other forms of data transfer. The Navywide operation task MIW and its supplements provide detailed guidance for their application.

c. The MCMC, who is usually subordinate to the CATF upon the arrival of the advance force in the operational area is responsible for planning defensive MCM in the AOA or in support of combine forcible entry operations. Amphibious operations support includes the clearance of the outer mine barriers from deep water, 200 feet and deeper, to the beginning of the SZ, the 10-foot contour depth. Assault breaching is a preplanned fire support mission using precision guided munitions to neutralize mines and obstacles in the SZ and beach zone (10 foot depth contour to HWM and HWM to beach exit, respectively). Assault breaching must be coordinated and synchronized with the maneuver of troops going ashore, other D-day fires, and ongoing MCM operations, specifically, underwater MCM operations being conducted in the VSW (10 to 40 foot depth contours) region. JABS is the only capability currently available for breaching mines and obstacles from the 10-foot depth contour to the beach exit. Planning for assault breaching is conducted by the SMWDC strike fires organization. As required, the SMWDC strike fires team can augment the CFMCC, CATF, or MCMC, or reside at the MIWC. The SMWDC strike fires officer, in coordination with the CATF and combat logistics force, will plan the breach and determination of individual weapon aim points and the priority of effort for the CATF. The strike fires officer will forward an ASR to the CFMCC and it will be routed for sourcing through the joint fires process. Also, typically, the MCMC will be assigned a VSW task unit to support VSW (40 feet to 10 feet) MCM.

d. Other duties of MCMRON SEVEN are as follows:

(1) Coordinate planning and execution of individual unit training for MCM ships per tactical training strategy.

(2) Continually evaluate shipboard training, administrative, management, personnel adequacy, supply and material readiness of assigned ships. This evaluation includes the conduct of required operational and administrative inspections directed by higher authority.

(3) Maintain administrative control of all assigned MCM ships. This control is particular to MCMRON SEVEN and not able to be transferred to MCMRON THREE unless otherwise directed.

(4) Support contingency MCM force material and training requirements in the event of contingency or general war plan execution.

(5) Ensure the readiness of all assigned MCM ships are maintained at the highest level possible commensurate with the ships' assigned employment and fleet readiness policy.

(6) Monitor the readiness of assigned surface units and liaise with RMC and training centers as necessary for material readiness and training issues.

(7) Establish and conduct C2 when operating from an expeditionary base.

(8) Embark and conduct C2 from USS, USNS, and coalition ESB ship as required and available.

6. MCMRON SEVEN focus during peacetime will be planning and executing MIW operations in the forward littoral environment with the goal of maintaining SLOC and providing unencumbered use of the maritime domain for friendly military and commercial use. COMSEVENTHFLT recognizes the potential for regional political instability and will exercise vigilance in their observance of possible mining activity. COMSEVENTHFLT MIW operations will be conducted per reference (c) and all applicable theater CONPLANS and OPLANS.

7. MCMRON SEVEN will coordinate and integrate coalition capabilities to the maximum extent possible. Various OPLANS, contingency plans, and MHD plans require coalition operations with the ROKN, JMSDF, United Nations Sending States, or other coalition partners.

8. MCMRON SEVEN will be capable of performing all assigned primary missions simultaneously while maintaining readiness states I, II, III (full and tailored contingency and current operations readiness) or IV (training readiness) and will maintain readiness consistent with the fleet response training plan.

9. The following key personnel, special assistants, and department heads report to the Commander, MCMRON SEVEN mission and are responsible for the execution of assigned essential tasks: deputy commander, chief of staff officer, command master chief, executive (commander (N00), deputy commander (N00A), chief of staff (N00C), chaplain), administration (N1), intelligence (N2), operations (N3), logistics (N41), material (N43), future operations (N5), command, control, communications, computers, and intelligence (N6), training (N7), medical (N9). Individual responsibilities will be detailed in accordance with OPNAVINST 3120.32D.

10. While embarked on a C2 ship or from an expeditionary base, MCMRON SEVEN staff will maintain the capability to provide maintenance, logistics, and administrative support to MCMRON SEVEN MCM assets from an RE based at the headquarters in Sasebo, Japan. The RE consists of the essential subject matter experts to provide unit level maintenance functions, coordinate logistic requirements and oversee administrative support functions for those in Sasebo, Japan during both exercises and operations.

11. Use of standard Navy workweek for MCMRON staffs will be as defined in reference (f).

REQUIRED OPERATIONAL CAPABILITIES (ROC)
FOR
MINE COUNTERMEASURES SQUADRON (MCMRON) FIVE AND SEVEN

1. The MCMRON commander functions as the operational commander for all assigned U.S. fleet MCM elements in the discharge of their duties. The MCMRON supports activities, decisions, and actions of the commander in execution of naval component commander's (NCC), functional component commander's, JTF commander's, and supported task force (TF) commander's duties and responsibilities for units assigned within the unified, allied command structure. The following primary (P) and secondary (S) warfare mission areas are assigned:

MCMRON FIVE AND MCMRON SEVEN WARFARE MISSION AREAS													
AMW	AW	CCC	EXW	FHP	FSO	INT	IO	LOG	MIW	MOB	MOS	NCO	SUW
S	S	P	S	S	S	S	S	P	P	P	P	S	S
AMW = amphibious warfare AW = air warfare CCC = command, control, communication EXW = expeditionary operations FHP = force health protection FSO = fleet support operations INT = intelligence operations							IO = information operations LOG = logistics MIW = mine warfare MOB = mobility MOS = missions of state NCO = non-combat operations SUW = surface warfare						

TABLE 1-1 Primary (P) and Secondary (S) Warfare Mission Areas

2. ROC for MCMRON staffs are reported under readiness states and have major significance in determining the unit's total manpower requirements. Subparagraphs 2a through 2d summarize readiness states covered.

a. Readiness State I: Full Contingency Readiness. Readiness state I is characterized by significant strategic and tactical indications of imminent hostilities. In readiness state I, the staff will be capable of meeting the following criteria: able to perform and direct all offensive and defensive functions of one major command configuration (i.e., NCC, combined joint task force, commander, CNCC) with limited capability to simultaneously support secondary functions and responsibilities. This state supports war and operations executed at defense readiness condition (DEFCON) I and II and major civil assistance operations. Transition to this maximum state of readiness begins with the declaration of DEFCON II, with an objective for full implementation prior to the onset of DEFCON I. DEFCON II is marked by indications that an adversary is taking actions which increase both likelihood and readiness for attack. Permanent personnel, earmarked reserves, and individual augmentees will staff all personnel assets detailed in unit augmentation and mobilization plans. All watch stations and vital positions will be manned to

sustain operations in the designated command configuration indefinitely once implementation is complete. Staff will ensure all primary and battle-redundant systems are maintained in a maximum state of readiness.

b. Readiness State II: Tailored Contingency Readiness. Readiness state II is characterized by significant strategic, tactical indications of potential limited hostilities or regional, localized civil assistance operations. As directed by higher authority, partial augmentation is achieved to sustain a readiness posture tailored to a limited threat.

c. Readiness State III: Current Operations Readiness. Readiness state III supports conducting current operations without augmented assets. Watch stations and vital positions sufficient to sustain theater and local operations at DEFCON IV or DEFCON III are manned and ready. The staff is able to execute operations in advance of augmentation support. This readiness state supports watch stations and vital positions required to support routine operations in DEFCON IV. DEFCON IV is characterized by geographical instability in the AO which requires constant vigilance and monitoring for rapidly escalating developments. In DEFCON IV additional watch stations and vital positions are required to immediately surge to a level to support DEFCON III. DEFCON III is characterized by tensions which may have serious adverse effects, and the possibility of force involvement exists. All personnel assets to support this readiness state will be permanent staff assets. The staff and supporting commands will provide routine organizational level maintenance.

d. Readiness State IV: Training Readiness. Readiness state IV stipulates a non-deployed environment, routinely conducting exercises or maintenance. MCMRON performs duties as the operational commander for assigned units, attends classroom and synthetic training, maintains level of readiness consistent with the fleet training strategy, and reviews and updates theater-specific OPLANS. The staff frequently simulates surging to readiness states I and III during live and command post exercises. The staff is afforded opportunities to take leave and liberty consistent with exercise and regular work requirements.

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

a. Capabilities

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

b. Modifiers

(1) “A” = “Augmentation.” The capability is to be either fully or partially achieved for a limited time during the condition. The capability is achieved by using off-watch or off-duty personnel to achieve the required degree of capability. This symbol is always associated with an “F” or an “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 an “L” and denotes a capability that does not require continuous watch manning. Teams and details as set may either supplement or replace all or part of the existing watch organization.

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

4. Staff and external personnel resources require special elaboration or notation. Normally, using an “A” or an “E” requires no embellishing statement, as their meanings are predefined. However, in some cases, the meaning may not be clear as to whether staff personnel or the external resource should provide the augmentation. This ROC and POE instruction shows:

- a. If the resource is staff personnel, no elaboration or statement is provided.
- b. If the resource is external for “F,” a note is added to the ROC stating the resource.
- c. If the resource is external for “L,” the resource is added to the capability limiting statement.

REQUIRED OPERATIONAL CAPABILITIES

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
AMW	AMPHIBIOUS WARFARE (AMW)			
AMW 13	PROVIDE THE NAVAL ELEMENT OF THE SHORE PARTY TO FACILITATE THE LANDING AND MOVEMENT OVER THE BEACHES OF TROOPS, EQUIPMENT AND SUPPLIES, AND TO ASSIST THE EVACUATION OF CASUALTIES AND PRISONERS OF WAR (POW).			
AMW 13.5	Provide EOD support to remove, dispose of unexploded ordnance from beach operation area. I, III, IV (L) – Plan, coordinate, and direct when assigned, mine warfare (MIW) and mine countermeasures (MCM) operations only.	L	L	L
AMW 23	CONDUCT ADVANCE FORCE OPERATIONS FOR AN AMPHIBIOUS OPERATION.			
AMW 23.1	Plan and direct advance force operations for an amphibious operation. I, III, IV (L) – MIW and MCM operations only.	L, E	L, E	L, E
AMW 29	CONDUCT SECURITY OPERATIONS TO PROTECT U.S. PROPERTY AND NON-COMBATANTS IN HOSTILE AND NON HOSTILE ENVIRONMENTS.			
AMW 29.2	Conduct security operations to protect U.S. property and non-combatants in hostile and non-hostile foreign environments. I, III, IV (L) – MIW and MCM operations only.	L, E	L, E	L, E
AW	AIR WARFARE (AW)			
AW 16	CONDUCT COMBINED, MULTINATIONAL, ALLIED, JOINT AIR DEFENSE OPERATIONS.			

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
AW 16.1	Coordinate and integrate air operations and air defense assets with component commanders, other components, and assigned forces (i.e., TF) commanders. I, III, IV (L) – In support of theater specific operation and campaign plan.	L	L	L
CCC	COMMAND, CONTROL AND COMMUNICATIONS (CCC)			
CCC 1	PROVIDE COMMAND AND CONTROL (C2) FACILITIES FOR A TASK ORGANIZATION COMMANDER AND STAFF.			
CCC 1.18	Provide an operations control center with facilities for operations and intelligence personnel.	F	F	F
CCC 2	COORDINATE AND CONTROL THE OPERATIONS OF THE TASK ORGANIZATION OR FUNCTIONAL FORCE TO CARRY OUT ASSIGNED MISSIONS.			
CCC 2.6	Function as force or sector officer in TACOM and composite warfare commanders (or alternate) to coordinate and control strike group (SG) and TF operations. COMCMRON FIVE only. Note: When assigned MIWC responsibilities.	F	F	F
CCC 2.13	Plan, coordinate, control and analyze the effectiveness of a SMCM and Airborne Mine Countermeasures (AMCM) operation.	F	F	F
CCC 2.15	Function as one or more of the following coordinators for force or sector: (k) SG logistics coordinator (zz)Function as MCM Task Group (MCMTG) or MCM coordinator. Note: MIW and MCMTG logistics coordination only.	F	F	F
CCC 2.25	Coordinate and direct forces in response to battle damage and catastrophe at sea.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
CCC 2.26	Plan, coordinate and direct shift of warfare commander and alternate warfare commander responsibilities. Note: When delegating MCMC and subordinate commander task group (CTG) responsibilities.	F	F	F
CCC 2.30	Provide Navy liaison officers to support joint and combined operation centers.	F	F	F
CCC 3	PROVIDE OWN UNIT'S C2 FUNCTIONS.			
CCC 3.3	Provide all personnel services, programs and facilities to safeguard classified material and information.	F	F	F
CCC 3.4	Carry out emergency destruction of classified material and equipment rapidly and efficiently.	F	F	F
CCC 3.6	Coordinate and control the operation of remotely piloted vehicles.	F	F	F
CCC 3.8	Establish voice communications with USMC evacuation and command nets and NSA net. Note: When acting as MIWC or MCMC.	F	F	F
CCC 3.11	Establish voice communications with supported forces.	F	F	F
CCC 3.12	Repair own unit's CCC equipment. Note: Deployable joint command and control (DJC2) communications suite.	F	F	F
CCC 3.13	Maintain a tactical flag command center capable of collecting, processing, displaying, evaluating, and disseminating tactical information. Note: Battle Watch Center when performing MIWC and MCMC duties.	F	F	F
CCC 4	MAINTAIN NAVY TACTICAL DATA SYSTEM (NTDS) OR DATA LINK CAPABILITY.			

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
CCC 4.5	Receive and process data link information from satellite communication (SATCOM). Note: Unless Blue Force Tracker is deployed on rigid hull inflatable boats (RHIB) and AMCM assets.	F	F	F
CCC 4.13	Transmit and receive data via Global Command and Control System-Maritime (GCCS-M).	F	F	F
CCC 6	PROVIDE COMMUNICATIONS FOR OWN UNIT.			
CCC 6.1	Maintain tactical voice communications.	F	F	F
CCC 6.3	Maintain multichannel cryptographically covered teletype and data receive circuits. Note: DJC2 communication suite.	F	F	F
CCC 6.5	Maintain full duplex, cryptographically covered high frequency (HF) teletype and data circuits (simplex for submarines and patrol combatants).	F	F	F
CCC 6.6	Process messages.	F	F	F
CCC 6.10	Maintain voice and teletype and computer data cryptographically covered SATCOM circuits. Note: DJC2 communication suite.	F	F	F
CCC 6.19	Provide tactical, secure voice or data communications.	F	F	F
CCC 6.28	Maintain SECRET Internet Protocol Router Network (SIPRNET) and Nonsecure Internet Protocol Router Network (NIPRNET) systems and support systems. Note: Includes maintaining multiple Combined Enterprise Regional Information Exchange System (CENTRIXS) enclaves via DJC2 communications suite.	F	F	F
CCC 6.30	Maintain information systems backbone. Note: DJC2 communications suite.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
CCC 9	RELAY COMMUNICATIONS.			
CCC 9.3	Relay electronic communications.	F	F	F
CCC 9.4	Relay voice communications.	F	F	F
CCC 13	PROVIDE COMMUNICATIONS SUPPORT FOR SHORE BASED, SURFACE, SUBMARINE, OR AIR UNITS.			
CCC 13.43	Maintain and deploy ashore mobile contingency communications vans. I, III, IV (L) - Required by OPLAN and exercise directive. When assets available.	L	L	L
CCC 20	CONDUCT CASUALTY CONTROL PROCEDURES TO MAINTAIN AND RESTORE OWN UNIT'S CCC CAPABILITIES. Note: DJC2 communications suite.	F	F	F
CCC 25	ACTIVATE CRISIS ACTION PROCEDURES.			
CCC 25.1	Establish an operational planning team.	F	F	F
CCC 25.5	Establish a maritime headquarters (HQ) with maritime operations center function and tasks.	F	F	F
CCC 25.6	Direct and execute appropriate military actions under current rules of engagement (ROE); develop, request, and implement supplemental ROE. Note: As required by OPLAN and exercise directive.	F	F	F
CCC 27	CONDUCT CRISIS ACTION PLANNING.	F	F	F
CCC 32	COORDINATE AND MANAGE ALL AUTOMATED COMMAND, CONTROL, AND COMMUNICATIONS SYSTEM SUPPORT.			
CCC 32.1	Coordinate frequency spectrum and space segment requirements and allocations.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
CCC 32.2	Plan, coordinate, and supervise communications security (COMSEC) assets throughout the assigned AO. Note: As required by OPLAN and exercise directive when acting as MIWC and MCMC.	F	F	F
CCC 32.5	Identify communication system nodes that require protection.	F	F	F
CCC 32.6	Coordinate, plan and manage deployable communications system assets. Note: As required by OPLAN and exercise directive when acting as MIWC and MCMC.	F	F	F
CCC 33	PROVIDE LEGAL SUPPORT FOR PLANS AND OPERATIONS.			
CCC 33.3	Conduct legal review of fleet plans, operations and activities. I, III, IV (L) - Requires judge advocate general (JAG) augmentation performing MIWC and MCMC duties per OPLAN	L	L	L
CCC 34	ASSESS AND DIRECT COMMAND, CONTROL, AND COMMUNICATIONS LIAISON.			
CCC 34.1	Provide liaison and coordination with U.S. and foreign military commands.	F	F	F
CCC 34.2	Plan and direct liaison with supported commands.	F	F	F
CCC 35	ASSESS COMMAND, CONTROL, AND COMMUNICATIONS READINESS AND TRAINING.			
CCC 35.1	Direct and assess communications systems support training and readiness of subordinate units.	F	F	F
CCC 35.2	Plan, manage and assess communications systems support joint and combined interoperability.	F	F	F
CCC 36	PROVIDE SECURITY FOR OPERATIONAL FORCES.			

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
CCC 36.1	Protect and secure flanks, rear areas and communications zone in theater of operations and assigned AO. I, III, IV (L) - As required by OPLAN and exercise directive when acting as MIWC or MCMC.	L	L	L
CCC 36.3	Protect and secure land, air, sea lines of communication in the theater of operations or assigned AO. I, III, IV (L) - As required by OPLAN and exercise directive when acting as MIWC and MCMC. Limited to SLOC.	L	L	L
CCC 37	MAINTAIN AND OPERATE DEPLOYABLE COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS, AND INTELLIGENCE (C4I) SYSTEMS.			
CCC 37.1	Maintain and operate a mobile ashore support terminal.	F	F	F
CCC 37.2	Maintain and operate a mobile integrated command facility.	F	F	F
EXW	EXPEDITIONARY WARFARE (EXW)			
EXW 6	MAINTAIN EXPEDITIONARY COMMUNICATIONS CAPABILITY.			
EXW 6.1	Set-up and maintain a mobile communications system.	F	F	F
EXW 6.2	Maintain encrypted HF, very high frequency (VHF), ultra high frequency (UHF), and super high frequency (SHF) voice and data communications.	F	F	F
EXW 6.4	Operate expeditionary communications in coordination with other U.S. Navy Expeditionary Combat Command (NECC) units and naval, joint, and combined forces.	F	F	F
EXW 6.5	Conduct operational security (OPSEC).	F	F	F
EXW 6.6	Conduct emissions control (EMCON) as directed by higher authority.	F	F	F
EXW 6.7	Conduct routine and preventative maintenance (PMS) on a mobile communications system. Note: DJC2 communications suite.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
EXW 6.8	Plan the force's tactical use of information systems, C4I architecture, databases, and sensors.	F	F	F
EXW 8	MAINTAIN AND OPERATE REMOTELY OPERATED VEHICLES (ROV).			
EXW 8.5	Analyze, integrate and disseminate ROV surveillance data. I, III, IV (L) – Integrate and disseminate only.	L, E	L, E	L, E
EXW 9	CONDUCT BASE CAMP OPERATIONS IN AN EXPEDITIONARY ENVIRONMENT.			
EXW 9.1	Conduct a site survey to ascertain location drainage, sanitation, security, access, and force integration. I, III, IV (L) - Requires coordination with base camp support personnel.	L, E	L, E	L, E
EXW 9.2	Conduct liaison with host nation and other naval, joint, combined forces for support of base camp operations.	F	F	F
EXW 9.3	Set-up appropriate field equipment including berthing tents, power generation and distribution, water and sanitation, security, damage control, medical and mess tents. I, III, IV (L) - Requires coordination with base camp support personnel.	L, E	L, E	L, E
EXW 9.4	Maintain base camp operations including power generation and distribution, water and sanitation. I, III, IV (L) - Limited to small quantities of camp equipment unless augmented by base camp support personnel and equipment. Material obligation validation required.	L, E	L, E	L, E

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
EXW 9.6	Plan and direct base camp operations in an expeditionary environment. I, III, IV (L) - When EOD and underwater mine countermeasures (UMCM) forces assigned. Limited to small quantities of camp equipment unless augmented by base camp support personnel and equipment. MOV required.	L, E	L, E	L, E
EXW 10	CONDUCT C2 IN AN EXPEDITIONARY ENVIRONMENT.			
EXW 10.2	Exercise C2 of EOD	F	F	F
EXW 12	CONDUCT EXW SUPPORT OPERATIONS.			
EXW 12.5	Provide individual protective clothing and equipment to sufficiently protect personnel in a chemical, biological, or radiological (CBR) contaminated environment.	F	F	F
FHP	FORCE HEALTH PROTECTION (FHP)			
FHP 28	PROVIDE MEDICAL REGULATION, TRANSPORT, EVACUATION AND RECEIPT OF CASUALTIES AND PATIENTS.			
FHP 28.7	Coordinate and control casualty and patient evacuation operations.	F, E	F, E	F
FHP 36	PROVIDE MEDICAL AND DENTAL SUPPORT SERVICES TO OTHER UNITS AND MILITARY SERVICES.			
FHP 36.12	Analyze medical readiness of components. Coordinate units' participation in exercises. Note: ISIC responsibility for assigned units' medical readiness.	F	F	F
FSO	FLEET SUPPORT OPERATIONS (FSO)			
FSO 1	REPAIR AND OVERHAUL SHIPS, AIRCRAFT AND ASSOCIATED EQUIPMENT.			

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
FSO 1.3	Provide repair and inspection services for: (d) internal combustion engines.	F	F	F
FSO 3	PROVIDE SUPPORT SERVICES TO OTHER UNITS.			
FSO 3.1	Provide the following services to other units: (a) administrative services, (e) legal services, (f) chaplain services. Note: MCMRON FIVE is augmented by U.S. Naval Forces Central Command (NAVCENT) JAG and MCMRON SEVEN is augmented by CTF-76 JAG.	F	F	F
FSO 3.18	Coordinate support aircraft requirements for a TF or task group commander. I, III, IV (L) – Limited to assigned AMCM assets as either MIWC or MCMC.	L	L	L
FSO 3.19	Monitor and assist in replacement of critical personnel.	F	F	F
FSO 3.20	Coordinate and assess environmental data provided by NAVMETOCCOM activities with naval combined and joint forces, U.S. agencies and foreign nations.	F	F	F
FSO 3.21	Coordinate with foreign METOC units during combined and multinational operations.	F	F	F
FSO 3.22	Assess, plan, and direct environmental postures and initiate heavy weather evasion.	F	F	F
FSO 7	PROVIDE EOD SERVICES.			
FSO 7.26	Coordinate ship hull searches to detect limpet mines using divers. I, III, IV (L) – When either EOD or UMCM forces assigned.	L, E	L, E	L, E
FSO 20	PROVIDE FLEET TRAINING SERVICES.			
FSO 20.19	Provide training in emergency destruct procedures.		F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
FSO 20.22	Recover non-service mines and mine simulators. III, IV (L) – Plan and coordinate with appropriate assets when UUV, Divers, or MMS are attached or utilized.		L, E	L, E
FSO 20.60	Coordinate air, surface and subsurface services for ships, aircraft and submarines. I, III (L) – Limited to MIW training and exercises.	L	L	F
FSO 20.66	Plan, coordinate and conduct combat systems training exercises. I, III (L) – Limited to MIW training and exercises.	L	L	F
FSO 46	MONITOR ASSIGNED UNITS' ADMINISTRATIVE PROCEDURES.	F	F	F
FSO 47	MONITOR ASSIGNED UNITS' OPERATIONAL PROCEDURES.	F	F	F
FSO 48	MONITOR ASSIGNED UNITS' MATERIAL READINESS.			
FSO 48.1	Assess status of fleet repair assets and individual unit repair status.	F	F	F
FSO 55	MAINTAIN READINESS BY PROVIDING FOR TRAINING OF OWN UNITS PERSONNEL.		F	F
FSO 66	CONDUCT FLEET SCHEDULING.			
FSO 66.2	Assess operational tempo and personnel tempo (PERSTEMPO) of fleet assets.	F	F	F
FSO 66.3	Ensure compliance with diplomatic clearance procedures.	F, A	F, A	F, A
FSO 66.4	Maintain database of port visits.	F	F	F
FSO 67	PLAN AND COORDINATE LONG-RANGE GOALS FOR FORWARD DEPLOYED NAVAL FORCES (FDNF) SHIPS.			

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
FSO 67.1	Develop, assess, and coordinate long-range goals and planning issues for FDNF ships. Note: MCM ships only.		F	F
FSO 67.2	Develop, assess, and coordinate PERSTEMPO planning. Note: MCM ships only.		F	F
FSO 67.3	Develop, assess, and coordinate maintenance plans and readiness. Note: MCM ships only.		F	F
FSO 68	ASSESS AIRCRAFT STATUS.			
FSO 68.1	Assess the material condition and readiness of assigned aircraft.	F	F	F
FSO 68.2	Track available force sortie rates, deck rates, and weapons reliability.	F	F	F
FSO 68.3	Assess the employment of land- based aircraft for naval and littoral operations.	F	F	F
FSO 71	PROVIDE LEGAL POLICY, MONITOR AND ADMINISTER FLEET DISCIPLINE AND CONDUCT.			
FSO 71.1	Conduct legal review and assist in developing plans for Freedom of Navigation (FON), Law of the Sea, maritime interdiction operations (MIO), expanded maritime interception operations, and interdiction operations for compliance with domestic and international law. I, III, IV (L) - MCMRON FIVE requires NAVCENT JAG support or addition of Legalman to staff. MCMRON SEVEN requires CTF-76 JAG support.	L	L	L

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
FSO 71.3	Provide advice and recommendations concerning JAGMAN investigations, court-martials and administrative personnel actions. I, III, IV (L) - MCMRON FIVE requires NAVCENT JAG support and MCMRON SEVEN requires CTF-76 JAG support.	L, E	L, E	L, E
INT	INTELLIGENCE OPERATIONS (INT)			
INT 1	SUPPORT OR CONDUCT INTELLIGENCE COLLECTION.			
INT 1.3	Support or conduct imagery intelligence information collection at short and long range utilizing organic, non-organic, or assigned imagery sensors and onboard imagery processing systems.	F	F	F
INT 1.14	Conduct intelligence exploitation of unknown or selected ordnance collected by EOD.	F	F	F
INT 1.20	Conduct unit identification and recognition training for aircrew, intelligence center personnel, and topside watch standers.	F	F	F
INT 1.21	Conduct Open Source Intelligence (OSINT).	F	F	F
INT 2	PROVIDE INTELLIGENCE.			
INT 2.2	Evaluate and disseminate intelligence information.	F	F	F
INT 2.4	Establish and maintain access to service and national intelligence sources to include national theater, and other tactical intelligence automated data sources up to the top secret, SECRET compartmentalized information (SCI) level for operational intelligence support.	F	F	F
INT 2.5	Plan and direct SG and TF intelligence architecture and requirements for TF or combined and joint forces.	F	F	F
INT 2.14	Provide operational intelligence briefings to support joint task group and force operations.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
INT 2.21	Maintain analyst-to-analyst exchange with theater intelligence centers, units in company and national agencies for the rapid exchange of real time intelligence information.	F	F	F
INT 2.25	Disseminate integrated all-source information to all levels of command.	F	F	F
INT 2.34	Facilitate intelligence liaison with coalition partners, to include: (a) Ensuring operational security of intelligence relations. (b) Ensuring adequate U.S intelligence support to coalition partners.	F	F	F
INT 2.35	Advise commander on all intelligence related issues.	F	F	F
INT 4	CONDUCT OCEAN SURVEILLANCE OPERATIONS AGAINST TARGETS OF INTEREST.			
INT 4.4	Plan and direct ocean surveillance operations against targets of interest.	F	F	F
INT 5	PROCESS OCEAN SURVEILLANCE INFORMATION.			
INT 5.1	Fuse, integrate and correlate ocean surveillance information with other sources of intelligence information.	F	F	F
INT 5.2	Disseminate integrated all-source information to all levels of command.	F	F	F
INT 9	DISSEMINATE INTELLIGENCE SURVEILLANCE AND RECONNAISSANCE INFORMATION.			
INT 9.1	Report and disseminate tactically significant intelligence information from missions gained with one or more of these intelligence sources; (g) OSINT.	F	F	F
INT 9.2	Disseminate intelligence information at the NATO secret level.	F	F	F
INT 10	OPERATE A CONTINGENCY PLANNING CELL TO SUPPORT FLEET COMMANDERS.			

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
INT 10.1	Provide contingency operation support briefings to deploying and deployed naval forces.	F	F	F
INT 10.2	Maintain a current Tactical Intelligence library.	F	F	F
INT 10.3	Support Contingency Planning Cell.	F	F	F
INT 25	DEVELOP AND EXECUTE INTELLIGENCE PLANS AND POLICY.			
INT 25.10	Develop commander's Intelligence critical information requirement targets.	F	F	F
INT 25.11	Prepare and issue essential elements of information.	F	F	F
INT 25.13	Designate priority intelligence requirements and intelligence requirements.	F	F	F
INT 25.14	Recommend requirements and coordinate image intelligence (IMINT) acquisition with higher authorities.	F	F	F
INT 25.17	Develop collection requirements to support warfare commanders' functions.	F	F	F
INT 25.18	Conduct intelligence training for staff intelligence officers.	F	F	F
INT 25.19	Ensure intelligence personnel on deploying units are properly trained.	F	F	F
INT 26	CONDUCT INTELLIGENCE OPERATIONS			
INT 26.9	Analyze and evaluate operational areas, operational threat and friendly information.	F	F	F
INT 26.10	Integrate operational intelligence.	F	F	F
INT 26.11	Develop or identify enemy operational intentions, target information, and vulnerabilities.	F	F	F
INT 26.14	Provide contingency operation support briefing to deploying and deployed naval forces.	F	F	F
INT 26.15	Maintain a current tactical intelligence library.	F	F	F
INT 26.16	Support contingency planning cell.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
INT 26.18	Liaise with NCC's and numbered fleet commands regarding intelligence operations in support of OPLAN and contingency operations.	F	F	F
INT 27	PROVIDE INTELLIGENCE SUPPORT TO EXERCISES.			
INT 27.1	Coordinate intelligence activities for training exercises to include: (a) Scripting of intelligence injects and the master scenario event list for the exercise. (c) Coordination with plans department (N5) for planning and scheduling of exercise events. (d) Coordinating SOE with training participants. (e) Production and dissemination of intelligence training materials.		F	F
IO	INFORMATION OPERATIONS (IO)			
IO 4	PLAN AND IMPLEMENT OPSEC MEASURES.			
IO 4.11	Plan, coordinate and control implementation of OPSEC measures.	F	F	F
IO 4.12	Execute OPSEC measures. I, III, IV (L) – In support of OPLAN and theater-specific campaign plans.	L, A	L, A	L, A
IO 4.13	Conduct training of personnel on OPSEC terminology and procedures.		F	F
IO 4.14	Plan and conduct deception in support of OPSEC Defense Intelligence Support Office.	F	F	F
IO 12	DIRECT AND PERFORM FUNCTIONS OF IO COMMANDER.			
IO 12.4	Coordinate and monitor the OPSEC program.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
IO 12.15	Coordinate with the staff intelligence officer (N2 and J2) to provide indications and warnings (I&W) to the force. Note: MIW and MCM forces only.	F	F	F
IO 12.17	Manage force's use of C4I architecture.	F	F	F
IO 12.18	Manage force's tactical databases.	F	F	F
IO 25	MILDEC.			
IO 25.1	Plan, direct and monitor deceptive lighting plan.	F	F	F
LOG	LOGISTICS (LOG)			
LOG 1	CONDUCT UNDERWAY REPLENISHMENT (UNREP).			
LOG 1.19	Plan and direct UNREP.	F	F	F
LOG 2	TRANSFER AND RECEIVE CARGO AND PERSONNEL.			
LOG 2.6	Plan, direct and prioritize personnel, mail and cargo transfer and receipt in coordination with SG and TF logistics coordinator.	F	F	F
LOG 3	PROVIDE SEALIFT FOR CARGO AND PERSONNEL.			
LOG 3.4	Plan and direct sealift for cargo and personnel. Coordinate with logistics coordinator.	F	F	F
LOG 4	SUPPORT SHIPS AND AIRCRAFT IN SUPPLIES, ORDNANCE AND OTHER SERVICES.			
LOG 4.8	Plan, coordinate the use of MSC console tankers, surface ships and aircraft to resupply and support SG, TF, combined, joint operations.	F	F	F
LOG 4.9	Monitor casualty reporting system and determine impact of casualties on SG and TF war-fighting capabilities and provide assistance as required.	F	F	F
LOG 6	PROVIDE AIRLIFT OF CARGO AND PERSONNEL.			

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
LOG 6.7	Plan, prioritized and direct airlift of personnel, mail and cargo in coordination with logistics coordinator.	F	F	F
LOG 8	CONDUCT MATERIAL CONTROL OPERATIONS (MATCONOFF).			
LOG 8.1	Screen material for all units in the group. I, III, IV (L) - Plan and train.	L	L	L
LOG 8.2	Consolidate receipt and transshipment of all group cargo and mail, including off ship cargo operations in support of embarked forces. I, III, IV (L) - Plan and train.	L	L	L
LOG 8.3	Control all passenger movement to and from the group.	F	F	F
LOG 8.4	Coordinate theater of operations and assigned AO reception, staging, onward movement and integration. I, III, IV (L) – Plan and train.	L	L	L
MIW	MINE WARFARE (MIW)			
MIW 2	CONDUCT INFLUENCE MINE SWEEPING OPERATIONS.			
MIW 2.9	Plan and direct minesweeping operations.	F	F	F
MIW 3	CONDUCT MINE NEUTRALIZATION AND DESTRUCTION.			
MIW 3.5	Conduct initial technical evaluation of recovered mines. I, III, IV (L) – When either EOD or UMCM forces assigned.	L, E	L, E	L, E
MIW 3.6	Provide support for embarked EOD and SEAL platoons. I, III, IV (L) – EOD and SEAL platoons only: Plan and coordinate for assets as assigned.	L	L	L

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
MIW 3.7	Conduct low influence signature diving operations to unit's designated depth capability to locate, neutralize, destroy, or recover underwater ordnance. Note: Neutralize implies render safe procedures (RSP). I, III, IV (L) – When EOD and UMCM forces assigned.	L, E	L, E	L, E
MIW 3.9	Plan and direct mine neutralization and destruction.	F	F	F
MIW 4	CONDUCT MINE COUNTERMEASURES (MCM).			
MIW 4.10	Plan and direct MCM.	F	F	F
MIW 4.12	Plan and coordinate the clearance of critical harbors, SLOC and beach areas in the theater of operations.	F	F	F
MIW 4.13	Direct and coordinate AMCM.	F	F	F
MIW 5	SUPPORT, CONDUCT OFFENSIVE, DEFENSIVE SERVICE AND EXERCISE MINE LAYING OPERATIONS.			
MIW 5.1	Support and conduct exercise mine laying operations by surface ships. Note: As required by exercise directive III, IV (L) – Plan and train, requires special team to complete. Requires SMWDC augmentation at COMFIFTHFLT.		L, E	L, E
MIW 6	CONDUCT MAGNETIC SILENCING (DEGAUSSING, DEPERMING, ETC.)			
MIW 6.1	Conduct magnetic measurement of fields of ships. III, IV (L) – Coordinate and record maintenance.		L	L
MIW 6.2	Calibrate ship degaussing coils. III, IV (L) - Coordinate and record maintenance.		L	L

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
MIW 6.5	Provide technical advice and assistance on repairs to degaussing equipment. III, IV (L) – Coordinate and record maintenance.		L	L
MIW 6.6	Provide limited training, technical assistance and degaussing range operations. III, IV (L) – Coordinate and record maintenance.		L	L
MIW 6.7	Maintain magnetic signature limits. III, IV (L) – Coordinate and record maintenance.		L	L
MIW 6.8	Maintain own unit's degaussing readiness. III, IV (L) – Coordinate and record maintenance.		L	L
MIW 6.9	Plan and direct magnetic silencing (degaussing, deperming, etc.)		F	F
MIW 11	CONDUCT ROUTE SURVEY OPERATIONS.			
MIW 11.1	Conduct route survey operations by SMCM ships and craft. I, III, IV (L) – Coordinate and direct.	L	L	L
MIW 11.2	Conduct route survey operations by AMCM rotary aircraft. I, III, IV (L) – Coordinate and direct.	L	L	L
MIW 11.3	Provide capability to collect, store, retrieve and process MIW contact information. I, III, IV (L) – Store and analyze.	L	L	L
MIW 12	PROVIDE COMMAND, CONTROL, INTELLIGENCE SUPPORT AND HEAVY LIFT SERVICES FOR SURFACE, AIR, AND EOD MCM FORCES.	F	F	F
MIW 13	REPAIR OWN UNIT'S MIW EQUIPMENT. Note: COMCMRON 7 ONLY	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
MIW 16	PERFORM MIW BATTLE DAMAGE ASSESSMENT (BDA).			
MIW 16.2	Coordinate and evaluate MIW BDA.	F	F	F
MIW 17	CONDUCT MIW PLANNING.			
MIW 17.1	Review and revise MIW operations plans.	F	F	F
MIW 17.2	Conduct harbor and assigned AO clearance planning.	F	F	F
MIW 17.3	Conduct offensive MIW planning. Note: MCMRON role will support creation of offensive MIW plans by NMAWC, CFMCC, JFMCC, or CNCC.	F, E	F, E	F, E
MIW 18	ASSESS AND ADVISE MIW COMMITTEE.			
MIW 18.1	Evaluate force and group readiness (capabilities, training, tactics and procedures) to conduct MIW.	F	F	F
MIW 18.2	Review current MIW plans and priorities for mining and MCM operations.	F	F	F
MIW 18.3	Recommend improved MIW strategies and tactics including appropriate exercises and assessments.	F	F	F
MIW 18.4	Coordinate with other warfare committees to develop guidelines for incorporating MIW as an element in overall mission and warfare planning.	F	F	F
MIW 19	CONDUCT COMBINED MIW.			
MIW 19.1	Develop and maintain a series of Q-routes, including secondary Q-routes for ports and SLOCs.	F	F	F
MIW 19.3	Review ROE with hostiles for MIW units.	F, A	F, A	F, A
MIW 19.4	Review ROE for mining.	F, A	F, A	F, A
MIW 19.6	Establish and assess a combined MCM command.	F	F	F
MIW 19.7	Direct NSW units conduct of very shallow water mine countermeasures (VSWMCM).	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
MIW 19.8	Validate targets with intelligence cells and the combined targeting board (CTB). Note: **MCMRON FIVE ONLY, special team augment embedded at COMFIFTHFLT.	F, A	F, A	F, A
MOB	MOBILITY (MOB)			
MOB 8	OPERATE FROM A SHIP.			
MOB 8.2	Operate from a ship with a helicopter platform.	F	F	F
MOB 8.4	Operate from combatant craft.	F	F	F
MOB 8.7	Operate from a ship capable of supporting air control activities in support of amphibious operations.	F	F	F
MOB 8.8	Operate from a well deck-equipped amphibious ship.	F	F	F
MOB 8.12	Operate from an amphibious assault ship (dock) (LHD), amphibious assault ship (general purpose) (LHA).	F	F	F
MOB 10	REPLENISH AT SEA.			
MOB 10.7	Plan and direct replenishment at sea in the theater and assigned AO. I, III, IV (L) - MCM forces assigned.	L	L	L
MOB 11	MAINTAIN MOUNT-OUT CAPABILITIES.			
MOB 11.1	Deploy with organic allowance within designated time period.	F	F	F
MOB 11.3	Maintain capability for rapid airlift of unit and detachment as directed. Note: As provided by military or commercial airlift services.	F	F	F
MOB 11.8	Provide capability to mount-out and setup C4I equipment ashore or on another surface ship.	F	F	F
MOB 14	CONDUCT OPERATIONS ASHORE.			

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
MOB 14.1	Operate in climatic extremes ranging from severe cold weather to hot-humid (tropical) to hot-dry (desert), coastal and ocean environments.	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
MOB 14.7	Provide qualified personnel to conduct site survey.	F	F	F
MOB 19	PLAN, DIRECT AND COORDINATE, AND CONDUCT OPERATIONAL MOVEMENT.			
MOB 19.2	Conduct intra-theater deployment and redeployment of force within the theater of operations and assigned AO.	F	F	F
MOS	MISSIONS OF STATE (MOS)			
MOS 1	PERFORM NAVAL DIPLOMATIC PRESENCE OPERATIONS.			
MOS 1.2	Conduct force and unit tour for foreign dignitaries.	F	F	F
MOS 1.4	Conduct foreign port calls.	F	F	F
MOS 1.5	Conduct force and unit tours for foreign citizens during port calls.	F	F	F
MOS 1.6	Conduct receptions for foreign dignitaries during port calls.	F	F	F
MOS 1.7	Provide volunteers for small project assistance during port calls.	F	F	F
MOS 1.8	Participate in military exercises with allied nations.		F	F
MOS 1.9	Participate in military exercises with non-allied nations.		F	F
MOS 1.10	Participate in or provide participants for foreign and allied commemorative or ceremonial events.	F	F	F
MOS 7	PROVIDE SECURITY ASSISTANCE			
MOS 7.3	Coordinate and conduct military-military staff talks.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
MOS 8	PROVIDE AT ASSISTANCE.			
MOS 8.2	Provide training and advice on how to reduce vulnerability to terrorism and other threats, particularly in the maritime environment.		F	F
MOS 8.12	Conduct unit pre- deployment and pre-overseas travel AT awareness training for: (a) unit, (b) detachment, (c) temporary assignment duty (TAD) and temporary duty (TDY) personnel, (d) permanent change of station (PCS) to overseas locations, (e) leave.		F	F
MOS 8.14	Conduct vulnerability assessments, using DoD and Chief of Naval Operations (CNO) vulnerability assessment guidance (c) request assessment from higher authority.	F	F	F
MOS 8.15	Assimilate and disseminate AT intelligence on terrorist activities directed at U.S. military installations, ships, and personnel: (b) request or provide threat condition warnings of possible terrorist activity, (c) disseminate threat information to unit personnel.	F	F	F
MOS 8.16	Integrate AT efforts into unit operations: (a) assign a unit FP officer and AT office, (b) implement unit AT program, (c) coordinate AT in overseas location with host country or host command.	F	F	F
MOS 11	CONDUCT FORWARD PRESENCE NAVAL OPERATIONS.			
MOS 11.5	Assess and evaluate foreign operational capabilities. Note: MCM surface forces only.	F	F	F
NCO	NON-COMBAT OPERATIONS (NCO)			
NCO 2	PROVIDE ADMINISTRATIVE AND SUPPLY SUPPORT FOR OWN UNIT.			
NCO 2.1	Provide supply support services.	F	F	F
NCO 2.2	Provide clerical services.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
NCO 3	PROVIDE UPKEEP AND MAINTENANCE OF OWN UNIT			
NCO 3.1	Provide organizational level preventive maintenance. Note: MCMRON SEVEN only.		F	F
NCO 3.2	Provide organizational level corrective maintenance. Note: MCMRON SEVEN only.	F	F	F
NCO 3.5	Provide for proper storage, handling, use and transfer of hazardous materials. Note: MCMRON SEVEN only.	F	F	F
NCO 5	CONDUCT METOC, HYDROGRAPHIC AND BATHYMETRIC COLLECTION OPERATIONS OR SURVEYS.			
NCO 5.1	Collect and disseminate meteorological information.	F	F	F
NCO 5.2	Collect and disseminate hydrographic information.	F	F	F
NCO 5.3	Collect and disseminate oceanographic information including bathythermograph operations.	F	F	F
NCO 5.5	Plan and review geospatial information and services for SG, TF, and naval combined jointforces. I, III, IV (L) - Provided for subordinate MCM forces only.	L, A	L, A	L, A
NCO 5.6	Evaluate and assess METOC services provided for fleet operations, including optimum track ship routing recommendations and divert directions.	F	F	F
NCO 5.7	Assess requirements for oceanographic services, forecasts, or consultations.	F	F	F
NCO 5.8	Determine and forecast the impact of the physical environment on fleet operations.	F	F	F

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
NCO 5.9	Assess impact of the physical environment on fleet strike warfare (STW), anti-submarine warfare (ASW), SUW, defensive counterair (DCA), MIW and AMW mission planning.	F	F	F
NCO 5.10	Coordinate hurricane guidance and METOC support services.	F	F	F
NCO 5.11	Coordinate with foreign METOC units during combined and multinational operations.	F	F	F
NCO 5.12	Assess, plan and direct environmental postures and initiate heavy weather, hurricane, typhoon evasion.	F	F	F
NCO 5.13	Assess, plan and direct sortie, hurricane and storm evasion, and safe haven decisions.	F	F	F
NCO 8	SERVE AS A PLATFORM FOR OPERATIONAL TEST AND EVALUATION OF SYSTEMS, EQUIPMENT AND TACTICS.			
NCO 8.3	Perform the evaluation functions set forth in appropriate TACMEMOS.		F	F
NCO 8.6	Oversee and direct operational tests and evaluations of systems, equipment and tactics as laid out in appropriate test plans.		F	F
NCO 8.7	Direct the evaluation of tactical documents by SG forces.		F	F
NCO 47	CONDUCT EMERGENCY DISPERSAL OPERATIONS.			
NCO 47.1	Plan and direct emergency sorties for ships or launch aircraft to areas of less vulnerability.	F	F	F
NCO 48	PROVIDE SPECIAL ANALYTICAL ASSISTANCE.			
NCO 48.1	Establish exercise objectives.		F	F
NCO 48.2	Conduct exercise reconstruction and analysis and prepare final evaluation of exercises. III, IV (L) – Coordinate NMAWC assistance.		L, E	L, E

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
NCO 48.3	Evaluate lessons learned from operations and exercises.		F	F
NCO 48.4	Identify, analyze and report operational deficiencies.		F	F
SUW	SURFACE WARFARE (SUW)			
SUW 1	USING ANTI-SURFACE ARMAMENTS, ENGAGE SURFACE THREATS. NOTE: When embarked on a command ship.			
SUW 1.14	Direct embarked, organic or non-organic armed helo to engage surface ships. I, III, IV (L) – Coordinate for MCM force protection only	L	L	L
SUW 2	ENGAGE SURFACE TARGETS IN COOPERATION WITH OTHER FORCES. NOTE: When embarked on a command ship.			
SUW 2.5	Plan and direct engagement of surface targets during group operations by surface, subsurface and air assets or in coordination with naval, joint, and combined forces. I, III, IV (L) – Coordinate for MCM force protection only.	L	L	L
SUW 3	PROVIDE SUW DEFENSE OF A GEOGRAPHICAL AREA (E.G., ASSIGNED AO, BARRIER) INDEPENDENTLY OR IN COOPERATION WITH OTHER FORCES. NOTE: When embarked on a command ship.			
SUW 3.2	Plan and direct SUW defense of a geographic area. I, III, IV (L) – Coordinate for MCM force protection only	L	L	L
SUW 4	DETECT, IDENTIFY, LOCALIZE AND TRACK SURFACE SHIP TARGETS. NOTE: When embarked on a command ship.			

ROC	ROC DEFINITION	READINESS STATE		
		I	III	IV
SUW 4.14	Plan and direct detection, identification, localization, classification and tracking of surface ship targets. I, III, IV (L) – Coordinate for MCM force protection only	L	L	L
SUW 6	DISENGAGE, EVADE, AND AVOID SURFACE ATTACK. NOTE: When embarked on a command ship.			
SUW 6.5	Plan and direct disengagement, evasion and avoidance of surface attack.	F	F	F
SUW 12	SUPPORT AND CONDUCT ESCORTING AND INDEPENDENT SUW OPERATIONS. NOTE: Lead-through operations only.			
SUW 12.5	Plan and direct SUW while escorting a convoy, URG, and amphibious force. I, III, IV (L) – Coordinate for MCM force protection only	L	L	L
SUW 16	PERFORM SUW BDA.			
SUW 16.2	Coordinate and evaluate SUW BDA. I, III, IV (L) – Direct the host ship or an appropriate ship in the force or group.	L	L	L