



## DEPARTMENT OF THE NAVY

NAVAL SURFACE FORCE  
UNITED STATES PACIFIC FLEET  
2841 RENDOVA ROAD  
SAN DIEGO, CA 92155-5490

NAVAL SURFACE FORCE ATLANTIC  
1751 MORRIS STREET BOX 168  
NORFOLK VIRGINIA 23511-2808

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

### COMNAVSURFPAC/COMNAVSURFLANT INSTRUCTION 3502.7

From: Commander, Naval Surface Force, U.S. Pacific Fleet  
Commander, Naval Surface Force Atlantic

Subj: SURFACE FORCE TRAINING AND READINESS MANUAL

#### 1. Purpose

a. This is a joint Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC)/Commander, Naval Surface Force Atlantic (COMNAVSURFLANT) instruction to promulgate a Surface Force Training and Readiness Manual (SFTRM) to be used by Naval Surface Force ships, staffs, and units in execution of the Optimized Fleet Response Plan (OFRP).

b. This update aligns surface force training and readiness throughout the Optimized Fleet Response Plan (OFRP). It reflects updated mission areas, changes to advanced and integrated training requirements, and modifies assessment guidance based on lessons learned and fleet feedback.

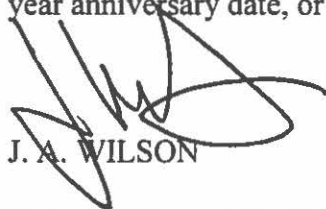
2. Cancellation. COMNAVSURFPAC/COMNAVSURFLANTINST 3500.10A, COMNAVSURFPAC/COMNAVSURFLANTINST 3500.11A, COMNAVSURFPAC/COMNAVSURFLANTINST 3502.3A, and COMNAVSURFPAC/COMNAVSURFLANTINST 3502.5.

3. Scope. This instruction applies to all SURFPAC and SURFLANT ships (CG, DDG 51/1000, LCC, LHA/D, LPD, LSD, MCM, and PC). The unique concept of operations and crew structure for LCS and ESB class ships demand separate training and readiness instructions, for now. Additionally, Naval Beach Groups, Tactical Air Squadrons, and Fleet Surgical Teams are governed by separate instructions.

4. Discussion. The Surface Force Training and Readiness Manual (SFTRM) provides overarching strategy and policy required to generate and sustain surface ship material and operational readiness.

5. Administration. Commander, Naval Surface Force, U.S. Pacific Fleet is responsible for the administration and update of this instruction.

6. Action. Ensure widest dissemination and implementation of this instruction.
7. Records Management. Records created as a result of this instruction, regardless of media and format, must be managed per Secretary of the Navy Manual 5210.1 of January 2012.
8. Review and Effective Date. Per OPNAVINST 5215.17A, COMNAVSURFLANT and COMNAVSURFPAC will review this instruction annually on the anniversary of its effective date to ensure applicability, currency, and consistency with Federal, 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.



J. A. WILSON



R. A. BROWN

Releasability and distribution: This instruction is cleared for public release and is available electronically only via COMNAVSURFPAC / COMNAVSURFLANT directive website, <https://cpf.portal.navy.mil/sites/cnsp/Pages/Directives.aspx>

**Table of Contents**

**Table of Contents** ..... i

**Executive Summary** ..... iv

**Chapter 1** ..... 1-1

**SURFACE FORCE TRAINING AND READINESS CONCEPT** ..... 1-1

        100. Purpose..... 1-1

        101. Surface Ship Readiness Strategy ..... 1-1

        102. Fleet Response Training Plan (FRTP) ..... 1-5

        103. Qualifications and Certifications..... 1-7

        104. Sustainment of Certifications..... 1-8

        105. Tracking and Reporting ..... 1-9

        106. Training Continuum Feedback ..... 1-10

        107. Readiness Evaluations, Assessments, Certifications, and Inspections ..... 1-10

**Chapter 2** ..... 2-1

**SURFACE FORCE TRAINING RESPONSIBILITIES**..... 2-1

        200. Commander, Naval Surface Force U.S. Pacific Fleet (COMNAVSURFPAC) /  
            Commander, Naval Surface Force Atlantic (COMNAVSURFLANT)..... 2-1

        201. Administrative Control (ADCON) Chain of Command ..... 2-2

        202. Afloat Training Groups (ATGs) ..... 2-4

        203. Engineering Assessments (EAA/EAP) ..... 2-6

        204. Naval Education and Training Command (NETC)..... 2-6

        205. Tactical Training Group Pacific/Atlantic (TTGP/TTGL) ..... 2-7

        206. Naval Beach Group One/Two (NBG 1/2)..... 2-7

        207. Naval Information Forces (NAVIFOR) ..... 2-7

        208. Naval Information Warfighting Development Center (NIWDC) ..... 2-8

        209. Naval Surface and Mine Warfighting Development Center (SMWDC) ..... 2-8

        210. Center for Surface Combat Systems (CSCS) ..... 2-9

        211. Ship’s Commanding Officer (CO)..... 2-9

        212. Training Officer (TRAINO)..... 2-11

**Chapter 3** ..... 3-1

**SUPPORTING REQUIREMENTS** ..... 3-1

        300. Shipboard Training and PQS Program Policy ..... 3-1

        301. Training Teams ..... 3-4

        302. Ship Instructions, Notices, and Bills..... 3-5

        303. Synthetic Training ..... 3-5

        304. Monthly Inport Training Exercises (MITEs)..... 3-7

        305. Live Fire Requirements ..... 3-8

        306. TYCOM Formal Schools Requirements..... 3-8

        307. Level of Knowledge (LOK) Exams..... 3-10

<b>Chapter 4</b> .....	<b>4-1</b>
<b>OPTIMIZED FLEET RESPONSE PLAN PHASE REQUIREMENTS</b> .....	<b>4-1</b>
<b>400. Optimized Fleet Response Plan (OFRP)</b> .....	<b>4-1</b>
<b>401. Sustainment Phase</b> .....	<b>4-5</b>
<b>402. Maintenance Phase</b> .....	<b>4-8</b>
<b>403. Shakedown Phase</b> .....	<b>4-10</b>
<b>404. Basic Phase</b> .....	<b>4-13</b>
<b>405. Advanced Phase</b> .....	<b>4-19</b>
<b>406. Integrated Phase</b> .....	<b>4-20</b>
<b>407. OFRP Variations</b> .....	<b>4-23</b>
<b>Chapter 5</b> .....	<b>5-1</b>
<b>MISSION AREA CERTIFICATION CRITERIA</b> .....	<b>5-1</b>
<b>500. Certification, Advanced, and Repetitive Exercises</b> .....	<b>5-1</b>
<b>501. Ship Class Mission Area Alignment</b> .....	<b>5-2</b>
<b>502. MAINTENANCE AND MATERIAL MANAGEMENT (3M)</b> .....	<b>5-3</b>
<b>503. AMPHIBIOUS WARFARE (AMW)</b> .....	<b>5-4</b>
<b>504. ANTI-TERRORISM (AT)</b> .....	<b>5-9</b>
<b>505. AIR WARFARE (AW)</b> .....	<b>5-11</b>
<b>506. BALLISTIC MISSILE DEFENSE (BMD)</b> .....	<b>5-16</b>
<b>507. COMMUNICATIONS (COMMS)</b> .....	<b>5-18</b>
<b>508. CRYPTOLOGY (CRY)</b> .....	<b>5-20</b>
<b>509. CYBERSPACE OPERATIONS (CYBER)</b> .....	<b>5-22</b>
<b>510. ELECTRONIC WARFARE (EW)</b> .....	<b>5-25</b>
<b>511. EXPLOSIVE SAFETY (EXPSAF)</b> .....	<b>5-28</b>
<b>512. FLEET SUPPORT OPERATIONS-MEDICAL (FSO-M)</b> .....	<b>5-29</b>
<b>513. INTELLIGENCE (INT)</b> .....	<b>5-30</b>
<b>514. MINE WARFARE (MIW)</b> .....	<b>5-32</b>
<b>515. MOBILITY-AVIATION (MOB-A)</b> .....	<b>5-35</b>
<b>516. MOBILITY-DAMAGE CONTROL (MOB-D)</b> .....	<b>5-39</b>
<b>517. MOBILITY-ENGINEERING (MOB-E)</b> .....	<b>5-41</b>
<b>518. MOBILITY-NAVIGATION (MOB-N)</b> .....	<b>5-43</b>
<b>519. MOBILITY-SEAMANSHIP (MOB-S)</b> .....	<b>5-45</b>
<b>520. SEARCH AND RESCUE (SAR)</b> .....	<b>5-47</b>
<b>521. STRIKE WARFARE (STW)</b> .....	<b>5-48</b>
<b>522. SUPPLY MANAGEMENT (SUP)</b> .....	<b>5-50</b>
<b>523. SURFACE WARFARE (SW)</b> .....	<b>5-51</b>
<b>524. UNDERSEA WARFARE (USW)</b> .....	<b>5-55</b>
<b>525. VISIT, BOARD, SEARCH, AND SEIZURE (VBSS)</b> .....	<b>5-59</b>
<b>526. Mission Area Watch Team Continuity Requirements</b> .....	<b>5-60</b>
<b>Chapter 6</b> .....	<b>6-1</b>
<b>READINESS EVALUATIONS</b> .....	<b>6-1</b>
<b>600. Roles and Responsibilities</b> .....	<b>6-1</b>

<b>601. READINESS Evaluation 1 (READ-E 1)</b> .....	<b>6-3</b>
<b>602. READINESS Evaluation 2 (READ-E 2)</b> .....	<b>6-7</b>
<b>603. READINESS Evaluation 3 (READ-E 3)</b> .....	<b>6-10</b>
<b>604. READINESS Evaluation 4 (READ-E 4)</b> .....	<b>6-14</b>
<b>605. READINESS Evaluation 5 (READ-E 5)</b> .....	<b>6-26</b>
<b>606. READINESS Evaluation 6 (READ-E 6)</b> .....	<b>6-31</b>
<b>607. READINESS Evaluation 7 (READ-E 7)</b> .....	<b>6-32</b>
<b>Appendix A</b> .....	<b>A-1</b>
<b>NAVAL SURFACE FIRE SUPPORT (NSFS) QUALIFICATION</b> .....	<b>A-1</b>
<b>Appendix B</b> .....	<b>B-1</b>
<b>INSPECTIONS, CERTIFICATIONS, ASSESSMENTS, AND VISITS (ICAVs)</b> .....	<b>B-1</b>
<b>Appendix C</b> .....	<b>C-1</b>
<b>MISSION AREA CERTIFICATION DEPENDENCIES</b> .....	<b>C-1</b>
<b>Appendix D</b> .....	<b>D-1</b>
<b>TRAINING AND OPERATIONAL READINESS INFORMATION SERVICES</b> <b>(TORIS)</b> .....	<b>D-1</b>
<b>Appendix E</b> .....	<b>E-1</b>
<b>SAMPLE MESSAGE TEMPLATES</b> .....	<b>E-1</b>
<b>Appendix F</b> .....	<b>F-1</b>
<b>KEY REFERENCES</b> .....	<b>F-1</b>
<b>Appendix G</b> .....	<b>G-1</b>
<b>ACRONYMS</b> .....	<b>G-1</b>

## **Executive Summary**

The Surface Force Training and Readiness Manual (SFTRM) provides the overarching strategy and policy required to generate and sustain surface ship material and operational readiness. SFTRM execution depends on the integration of manning, maintenance, training, and sustainment throughout all Optimized Fleet Response Plan (OFRP) phases. It begins with meticulous maintenance planning to generate the material readiness required to support unencumbered, effective training and operational readiness that ultimately leads to a self-sufficient ship.

The fundamental tenets of the SFTRM are:

- Train the watchstander, watch team, maintainer, and trainer
- A standard, predictable path to readiness
- Personnel, Equipment, Supply, Training, and Ordnance (PESTO pillars) exit criteria
- Simple shipboard reporting across all PESTO pillars
- A sequenced approach to readiness
- Consistent material assessment standards among all assessment organizations

The SFTRM defines a continual process that educates ships on what the standards are; determines where the ship is relative to standards; helps the ship achieve standards compliance through training, assessments, and maintenance actions; and circles back periodically to ensure the lessons and effects of this process endure. A ship readiness generation model supports this process by integrating maintenance and training into a coherent plan of mutually supportive events that provides ships sufficient time to properly maintain, operate, and employ ship systems safely and confidently. The goal of the process is that Sailors deploy with their ship at the peak of readiness, that they are properly prepared to overcome challenges presented on deployment, and that they have the training to sustain a high level of readiness throughout deployment.

This manual serves as the primary directive for planning, scheduling, and executing all unit level training requirements within the Surface Force. It provides the policies, minimum TYCOM mission area proficiency requirements, and guidance to assist in the development of a comprehensive unit level training program. Each ship's training program should facilitate mission readiness by using all tools available and integrating a sequence of individual, team, and unit training evolutions in all required mission areas and core competencies.

## Chapter 1

### ***SURFACE FORCE TRAINING AND READINESS CONCEPT***

- Ref:
- (a) OPNAVINST 3000.15A, Optimized Fleet Response Plan
  - (b) COMUSFLTFORCOM/COMPACFLTINST 3501.3D, Fleet Training Continuum
  - (c) COMUSFLTFORCOM/COMPACFLTINST 3000.15 (Series) Optimized Fleet Response Plan
  - (d) NTRP 1-03.5, Defense Readiness Reporting System-Navy Reporting Manual
  - (e) COMNAVSURFPAC/COMNAVSURFLANTINST 3504.1C, Redlines
  - (f) COMNAVSURFPAC/COMNAVSURFLANTINST 4700.1B, Total Ship Readiness Assessment (TSRA) Visit Program
  - (g) COMUSFLTFORCOM/COMPACFLTINST 3000.16 Fleet Inspections, Certifications, Assessments and Visits Program and Processes
  - (h) OPNAVINST 4730.5R, Trials and Material Inspections (MI) of Ships Conducted by the Board of Inspection and Survey
  - (i) COMUSFLTFORCOMINST 4790.3C, Change 1, Joint Fleet Maintenance Manual
  - (j) COMNAVSURFPACINST 4730.2, TYCOM Material Inspection (TMI) Process
  - (k) COMNAVSURFLANTINST 4730.2, Material Standards Assessment Program
  - (l) OPNAVINST 8023.24C, Navy Personnel Conventional Ammunition and Explosives Handling Qualification/Certification Program

**100. Purpose.** The Surface Force Training and Readiness Manual (SFTRM) provides a well-defined, prescriptive Fleet Response Training Plan (FRTTP) for surface ships to achieve Optimized Fleet Response Plan (OFRP) readiness. Proper maintenance execution, coupled with foundational training that reinforces standards compliance, allows ships to enter the Basic Phase unencumbered by material deficiencies. The approach to training, discussed in detail in Chapter 4, methodically builds proficiency at the Individual, Watch Team, Unit, and Group levels.

#### **101. Surface Ship Readiness Strategy**

1. Summary. The Surface Ship Readiness Strategy defines the education, training, and assessments required to produce readiness throughout the FRTTP. While the OFRP model identifies the start of the Maintenance Phase as the beginning of the 36-month cycle, readiness generation in the SFTRM begins in Sustainment Phase. Having completed all requirements for deployment certification and at the height of deployment readiness, a ship in the Sustainment Phase prepares for the next FRTTP by completing material readiness assessments to form the basis of the Availability Work Package (AWP) for their upcoming Chief of Naval Operations (CNO) Availability. Additionally, several coordinated assessments, Readiness Evaluations (READ-Es), will be conducted throughout the FRTTP to assess a ship's material and training readiness, provide periodic feedback to Immediate Superior in Command (ISIC)/Type Commander (TYCOM), and ensure the ship is ready to meet mission requirements.

2. Focus on Deployed Readiness. This strategy features baseline training across all mission areas with focused attention and additional specific training for mission areas expected during the scheduled deployment.
3. Focus on Mobility and Tactical Readiness. The highest levels of proficiency in Mobility and Unit Tactical mission areas are critical to the Surface Ship Readiness Strategy. Training and certification of Tier 1 Mobility mission areas ensures ships are prepared to safely operate, navigate, and communicate. Training and certification of Tier 2 Unit Tactical mission areas provides the baseline for unit employment of weapons systems, weapons, and sensors in a stand-alone environment using single warfare and multi-warfare scenarios inport and at sea.
4. Sequenced Readiness. Training a ship's crew to execute a maintenance availability, perform routine operations in and around homeport, and conduct sustained combat operations requires a sequenced and coordinated maintenance and training effort. This strategy is ship-focused and synchronizes training among multiple readiness stakeholders such as TYCOM (including Port Engineers), SEA 21, Regional Maintenance Centers (RMCs), Naval Education and Training Command (NETC), Afloat Training Group Pacific/Atlantic (ATGP/L), Expeditionary Warfare Training Group Pacific/Atlantic (EWTGP/L), Naval Surface and Mine Warfighting Development Center (SMWDC), Commander, Carrier Strike Group 4/15 (CSG-4/15), Naval Aviation Warfighting Development Center (NAWDC), Undersea Warfighting Development Center (UWDC), Center for Surface Combat Systems (CSCS), Naval Beach Group One/Two (NBG 1/2), Tactical Training Group Pacific/Atlantic (TTGP/L), Naval Information Forces (NAVIFOR), Naval Information Warfare Training Group – Norfolk/San Diego/Gulfport (IWTG-N/SD/G), Naval Information Warfighting Development Center (NIWDC). The transition from Basic to Advanced to Integrated Phase reinforces individual, multi-unit, and group level training to support mission accomplishment.
5. Readiness Progression. Surface ships progress through eight steps to achieve peak readiness as illustrated in Figure 1-1. Readiness is based upon a foundation of solid material condition that supports effective training; each step builds upon the previous step to generate readiness for each mission area. The purpose and standard of each step is as follows:



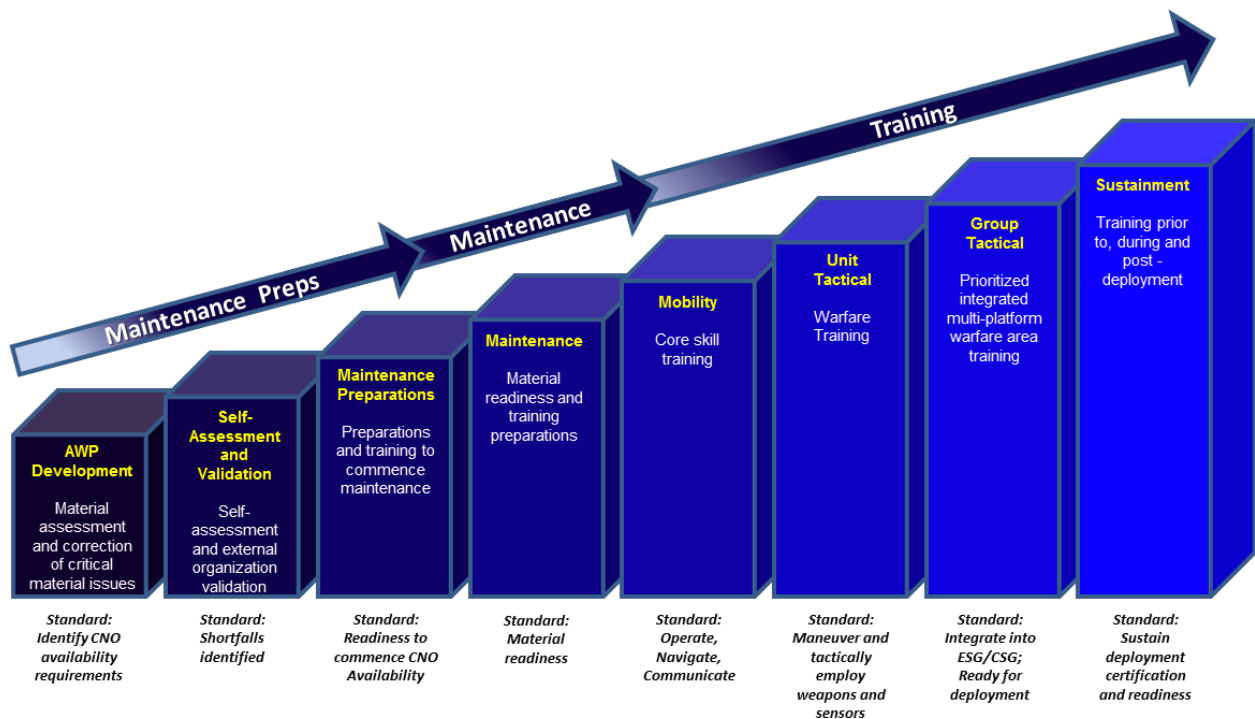


Figure 1-1. Readiness Progression

- a. Availability Work Package (AWP) Development. Material assessment and correction of critical material issues. *Standard: Identification and documentation of all CNO Availability requirements.*
- b. Self-assessment and Validation. Self-assessment and external organization validation. *Standard: Shortfalls identified.*
- c. Maintenance Preparations. Preparations and training to commence maintenance. *Standard: Readiness to commence CNO Availability.*
- d. Maintenance. Material readiness and completion of individual crewmember pipeline critical schools training, administrative checks, and classroom training. *Standard: Material Readiness and readiness for team training.*
- e. Mobility (Tier 1). Core skills training in Maintenance and Material Management (3M), Amphibious Warfare (AMW), Anti-terrorism (AT), Communications (COMMS), Explosive Safety (EXPSAF), Fleet Support Operations-Medical (FSO-M), Mobility-Aviation (MOB-A), Mobility-Damage Control (MOB-D), Mobility-Engineering (MOB-E), Mobility-Navigation (MOB-N), Mobility-Seamanship (MOB-S), Search and Rescue (SAR), and Supply (SUP). *Standard: Operate, Navigate, Communicate.*

Note: AMW must be conducted within the first 60 days of Basic Phase to enable ATF Lift support per reference (a).

f. Unit Tactical (Tier 2). Unit warfare training in Air Warfare (AW), Ballistic Missile Defense (BMD), Cryptology (CRY), Cyber (CYBER), Electronic Warfare (EW), Intelligence (INT), Mine Warfare (MIW), Surface Warfare (SW), Strike Warfare (STW)-Cruise Missile Tactical Qualification (CMTQ), Strike Warfare (STW)-Naval Surface Fire Support (NSFS), Undersea Warfare (USW), and Visit, Board, Search, and Seizure (VBSS) as applicable. *Standard: Maneuver and tactically employ ownship weapons and sensors as a stand-alone unit in single and multi-warfare mission area scenarios.*

g. Group Tactical (Tier 3). Group integrated, multi-platform, multi-warfare area tactical training conducted within the Advance and Integrated Training Phases. Standard: Execute SWATT. Integrate into an Amphibious Ready Group/Carrier Strike Group or other higher level organization; act as a Search and Attack Unit Commander (SAUC), Surface Action Group Commander (SAGC), Warfare Area Commander; attain required skills for deployment.

h. Sustainment. Unit level training and operations conducted to sustain proficiency in each mission area. *Standard: Sustain proficiency in mobility and tactical mission areas.*

6. Approach to Education, Training, Assessment, and Certification. The Surface Ship Readiness Strategy follows a process that educates, trains, assesses, and certifies a ship's crew to conduct either integrated or independent operations. This approach to readiness supports standardization of training and ensures ships are prepared to accomplish their assigned mission by building proficiency through repetition of fundamentals, exercised in a variety of training scenarios that build in complexity. Once watch teams demonstrate sufficient proficiency, they proceed to the mission area certification event.

a. Educate. This strategy relies on educating Sailors on standards. ATG coordinates with NETC in the development of formal schoolhouse training courses. NETC is the authority for publishing mission related functions and tasks associated with formal schoolhouse training courses conducted at ATG WESTPAC, ATG PACNORWEST, ATG Norfolk, ATG San Diego, ATG MIDPAC and ATG Mayport.

b. Train. The training process is based upon Navy Mission Essential Tasks (NMETs) and trains individuals and watch teams to perform Navy Tactical Tasks (NTAs) in required conditions to a measurable standard. Training starts with theory and fundamentals followed by practical, hands-on scenarios with over-the-shoulder training.

c. Assess. The ship must pass a comprehensive assessment in each mission area to validate watchstander and training team proficiency standards. TYCOM certifies ships in assigned mission areas upon completion of ATG's watch team assessment. TYCOM certifies the ship to

sustain training, through completion of Repetitive Exercises (REs), following ATG's training team assessment.

d. Certify. TYCOM certifies ships in assigned mission areas upon completion of required pre-deployment training and successful completion of various end of Tier assessments conducted by TYCOM and/or designated supporting commands. U.S. Fleet Forces Command (USFFC), Commander, U.S. Pacific Fleet (CPF), Commander, U.S. SECOND Fleet (C2F), Commander, U.S. THIRD Fleet (C3F), Commander, U.S. FIFTH Fleet (C5F), Commander, U.S. SIXTH Fleet (C6F) or Commander, U.S. SEVENTH Fleet (C7F) certifies ships for deployment per reference (b) based in part upon TYCOM assessment of PESTO pillars. The intent of the Basic Phase is to provide units with an unencumbered block of time; however, the Basic Phase may be compressed, extended or interrupted if conditions warrant, and is further addressed in Chapter 4 of this instruction.

7. Predictable Path. One of the primary goals of the readiness strategy is a standard, predictable path throughout all FRTP phases for each ship. Necessarily, a predictable path will also mean less scheduling flexibility for ships and training/certification organizations. TYCOMs and USFFC/CPF/C2F/C3F/C5F/C6F/C7F will, to the maximum extent possible, ensure training timelines as outlined in reference (b) are available for all units during Basic, Advanced and Integrated Phases of the FRTP. The intent of Basic Phase is to provide units with an unencumbered block of time; however, Basic Phase may be compressed, extended, or interrupted if conditions warrant, and is further addressed in Chapter 4 of this instruction.

8. Exit Criteria. Chapter 4 provides PESTO based exit criteria for each phase of the OFRP. Each ship must achieve prescribed standards in material readiness and demonstrated proficiency prior to advancing through the OFRP to maximize effectiveness. It is critical each ship and chain of command prioritizes attainment of exit criteria standards, and recognizes early and report any risk of not completing milestones in time to meet operational commitments. By frontloading risk assessment, supporting organizations have a better chance to assist the ship in meeting prescribed standards. TYCOM will use all available resources to assess the ship's readiness and determine if the ship has achieved the required exit criteria to advance to the next phase. A decision to hold a ship in a phase can have a significant impact on the ship's ability to meet scheduled operational commitments, and this impact must be weighed against the impact of not completing the applicable milestones prior to transitioning to the next phase. Nominal OFRP phase duration can be found in reference (c).

## **102. Fleet Response Training Plan (FRTP)**

1. The FRTP is aligned with the OFRP and consists of six phases: Sustainment, Maintenance, Shakedown, Basic, Advanced, and Integrated. Throughout the cycle, a prioritized, comprehensive AWP is developed to satisfactorily execute the upcoming Maintenance Phase. The work package must be closely managed and coordinated throughout Sustainment and

Maintenance Phases to successfully complete the availability on time. In addition to maintenance actions, training is an important part of Maintenance Phase as ships will be educated on the standards and how to achieve the required material condition to support follow-on training. Basic Phase provides unit level Mobility and Tactical training in order to support operations. Advanced Phase training provides group level tactics in preparation for the Integrated Phase. Integrated Phase training combines the multitude of naval warfare capabilities of the various units into a single cohesive Strike Group, Amphibious Ready Group (ARG), or mission-oriented deployable unit/staff. Sustainment Phase, and specifically the ship's deployment, is the culmination of the FRTP cycle and focuses on maintaining the group or unit's proficiency to support operational requirements.

2. FRTP Phases. The FRTP Phases described below detail the path to deployed readiness. To ensure readiness for scheduled deployments, external assessments and inspections validate proficiency and satisfactory material condition as the ship progresses through the FRTP.

a. Sustainment Phase. Sustainment Phase begins after USFFC/CPF/C2F/C3F/C5F/C6F/C7F approves the recommendation for deployment certification and ends when the ship meets the exit criteria detailed in Chapter 4. During Sustainment Phase, a ship maintains and improves PESTO pillar readiness. Ship and external organization material assessments conducted during this phase are the basis for an AWP that supports successful completion of Maintenance Phase.

b. Maintenance Phase. Maintenance Phase begins at the start of a CNO Availability or other availability as designated by the TYCOM and ends after the ship successfully meets the exit criteria detailed in Chapter 4. During Maintenance Phase, the ship will improve PESTO pillar readiness to be able to perform in Basic Phase. Specifically, the ship will strive to complete all required schoolhouse training identified in Fleet Training Management and Planning System (FLTMPs), ensure installed systems are fully operational, verify training and qualification programs are fully established and maintained, complete administrative checks with ATG, and complete all classroom training for post-maintenance operations.

c. Shakedown Phase. Although not an official FRTP phase per reference (a), Shakedown Phase begins upon successful completion of Contractor Sea Trials and ends after the ship successfully meets Shakedown Phase exit criteria detailed in Chapter 4. During Shakedown Phase, the ship validates its readiness to begin Basic Phase training.

Note: Combat Systems Ship Qualification Trials (CSSQT), as determined by NAVSEA, will occur following Shakedown Phase and before the commencement of Basic Phase entitlement. Completion of CSSQT requirements will not result in truncation of Basic Phase without TYCOM approval.

d. Basic Phase. Basic Phase begins after the ship successfully exits Shakedown Phase and ends when the ship meets exit criteria detailed in Chapter 4, or when directed by TYCOM.

During the Basic Phase, a ship conducts unit-level training and improves PESTO pillar readiness to be able to perform in Advanced and Integrated Phases. Basic Phase completion does not mean a ship is fully trained or proficient in group or other composite unit operations.

e. **Advanced Phase.** Advanced Phase starts at the completion of Basic Phase and ends when the ship meets Advanced Phase exit criteria detailed in Chapter 4. During Advanced Phase, a ship conducts multi-unit tactical level training (e.g. SWATT) in preparation for Integrated Phase.

f. **Integrated Phase.** Integrated Phase starts upon completion of Advanced Phase and ends when the ship meets exit criteria detailed in Chapter 4, typically upon completion of the Group Tactical training syllabus or certification exercise and designation of the unit as certified for deployment. During Integrated Phase, a ship conducts multi-unit, multi-platform training and improve PESTO pillar readiness to be able to perform in a Strike Group, ARG, or other multi-unit group. USFFC/CPF/C2F/C3F/C6F/C7F will certify strike groups, ARGs, mission-oriented deployable units/staffs, or off-cycle deploying ships for deployment per reference (b).

### **103. Qualifications and Certifications**

1. **Qualification.** A qualification is an event conducted to support a mission area certification. Qualifications can be awarded by schools or ATG. For example, Cruise Missile Tactical Qualification (CMTQ) is a specific qualification event, conducted by ATG, that supports the larger Strike mission area certification. Passing the qualification event is a prerequisite for mission area certification.
2. **Dependency.** An event conducted by an external organization whose periodicity must be current for mission area certification. For example, Aviation Facilities Certification (AVCERT) is a dependency for MOB-A certification. A complete list of dependencies is shown in Appendix C.
3. **Mission Area Certification.** A mission area certification is awarded by the TYCOM after a ship has completed Basic Phase training, dependencies found in Appendix C, and watch team requirements for that particular mission area.
4. **Training Team Certification.** After mission area certification, TYCOM awards training team certification once a ship has completed training team training and certification for a particular mission area.
5. **Basic Phase Completion.** TYCOM certifies Basic Phase completion when all mission area certifications are awarded.
6. **Deployment Certification.** Deployment Certification is granted by USFFC/CPF/C2F/C3F/C5F/C6F/C7F when a ship successfully completes Integrated Phase.

#### **104. Sustainment of Certifications**

1. Ships will be certified across all mission areas and will retain all certifications throughout deployment and the post-deployment Sustainment Phase.

2. Upon entering Maintenance Phase, deployment certification and all mission area certifications expire except those that will be executed during Maintenance Phase and those mission areas with a 36-month periodicity requirement. Certain mission areas, termed Critical Mission Areas (CMAs), have requirements that must be maintained throughout the FRTP including the Maintenance and Shakedown Phases. For those mission areas that are to be maintained throughout the Maintenance and Shakedown Phases, proficiency is maintained by accomplishing required Repetitive Exercises (REs) as specified by an asterisk in Chapter 5 of this document. The mission areas that ships must maintain proficiency throughout Maintenance and Shakedown Phases are:

a. Anti-Terrorism (AT). Standard: Comply with Maintenance Phase force protection requirements.

b. Cyber (CYBER). Standard: Maintain cyber readiness in a shipyard environment.

c. Explosive Safety (EXPSAF). Standard: Safely store and properly account for ammunition needed for the AT mission in a shipyard environment, per reference (1).

d. Fleet Support Operations-Medical (FSO-M). Standard: Maintain medical readiness in a shipyard environment.

e. Maintenance and Material Management (3M). Standard: Maintain equipment in a shipyard environment.

f. Mobility-Damage Control (MOB-D). Standard: Conduct Damage Control in a shipyard environment.

g. Supply (SUP). Standard: Provide logistics support for Maintenance Phase requirements.

3. Six mission areas are decoupled from Basic Phase as mission areas that do not provide foundational training for post Basic Phase multi-unit tactical and group level Advanced and Integrated training. Certification training for these mission areas can but need not take place during Basic Phase. Ships will work with ISIC and ATG to ensure mission area training is successfully completed prior to certification expiration and will remain current throughout deployment. Mission areas that fall under the 36-month periodicity requirement are: 3M, AT, EXPSAF, FSO-M, SAR, and SUP.

## 105. Tracking and Reporting

1. *While all certifications remain valid until the ship enters Maintenance Phase*, circumstances may develop whereby the ability of the ship to perform a mission has either been severely compromised or eliminated altogether. These circumstances can arise from the loss of critical personnel (P), equipment casualties (E), logistics shortfalls (S), loss of proficiency (T), or lack of required ordnance (O).

2. Ships will report their readiness in DRRS-N for each PESTO pillar (Personnel, Equipment, Supply, Training, Ordnance) per reference (d). Report mission area degradations per references (d) and (e).

a. Personnel. Personnel shortfalls, including critical NEC and school deficiencies, are reported directly into DRRS-N.

b. Equipment. Equipment and material discrepancies are documented in the Current Ship's Maintenance Project (CSMP), tracked in authoritative Fleet material readiness databases, and reported to DRRS-N.

c. Supply. Unit supply status, requests, and shortfalls are reported in Continuous Monitoring Program (CMP). CMP updates DRRS-N daily underway and monthly when inport.

d. Training. Training status is reported through Training and Operational Readiness Information Services (TORIS). TORIS is designed to streamline reporting and minimize the time required to update the ship's status. While tracking and reporting is simplified, training is evaluated to the same rigorous standards as defined in governing instructions such as Navy Tactics, Techniques, and Procedures (NTTP); Naval Ships' Technical Manuals (NSTM); Navy Warfare Training Plans (NWTPs); Navy Mission Essential Task List (NMETL); Maintenance Requirement Cards (MRC); or other technical standards. It is important that ships report their exercise accomplishments in a timely and accurate manner by regularly updating TORIS, which feeds into DRRS-N. Additional details regarding TORIS capability and use are contained in Appendix D.

e. Ordnance. Ordnance status is reported through Ordnance Information System (OIS) program and also through DRRS-N. OIS is the main database server which all units provide updates, status changes and reporting. DRRS-N uses OIS to capture updates of type ordnance, serviceability and quantity on board a specific unit, and also provides a metric in which unit assessments can be readily observed. Note that DRRS-N readiness scores in the "O Pillar" category only accounts for inventory scores based from the NAVSEA allowance column of the NAVSEA 30,000 Series document; not the Operational Allowance column. Fleet allowance tailoring may create differences between the NAVSEA allowance and the Operational Allowance. When units "O-Pillar" scores are not "GREEN" but have their full complement of

the Operational Allowances on board, they are responsible to update the "Commander's comments" of the Unit Assessment portion of DRRS-N to account for the differences with the NAVSEA and Operational allowance figures. This will not change the colored status in the "O-Pillar" section of DRRS-N, but the overall unit assessment readiness will be understood based on the "Commander's Comments."

3. Accurate tracking and reporting of proficiency and mission readiness is essential to support decision making by the Commanding Officer as well as administrative and operational commanders.

#### **106. Training Continuum Feedback**

1. Performance data, manning limitations and material/system degradations affecting training and/or certification will be shared between training phase transitions (ex. ATG to SMWDC/NIWDC, SMWDC/NIWDC to CSG-4/15).

2. CSG-4/15 will provide Integrated Phase feedback to TYCOM and applicable training organizations to facilitate training continuum alignment and wholeness.

#### **107. Readiness Evaluations, Assessments, Certifications, and Inspections**

1. Periodic assessments validate ship readiness to execute mission requirements. Due to the unique capabilities of each ship class, numerous organizations provide assessments, evaluations, certifications, and inspections. These organizations will use established, common standards for material readiness and training to eliminate duplicity of checks and assessments. Additionally, these organizations will schedule and conduct periodic assessments where they fit best to improve ship readiness throughout the OFRP and deliver ships to USFFC/CPF/C2F/C3F/C5F/C6F/C7F at their peak level of readiness. A complete list of authorized readiness evaluations, assessments, certifications, and inspections is provided in reference (f) and Chapter 6, supported by applicable instructions listed in Appendix F. Appendix B provides a list of Inspections, Certifications, Assessments and Visits (ICAVs). Appendix C provides a list of mission area dependencies.

(1) Modifications to the Authorized List of Readiness Evaluations, Assessments, Certifications, and Inspections. No external activity will schedule an event that is not identified in Appendices B and C. External activities that desire to add, alter, or delete events contained in Appendix B must follow the procedure outlined in reference (g). Modifications listed in Appendix C must be coordinated with respective authority (COMNAVSURFPAC and COMNAVSURFLANT for Sustainment, Maintenance, Shakedown, and Basic Phases; SMWDC and NIWDC for Advanced Phase; CSG 4 and CSG 15 for Integrated Phase).



a. Readiness Evaluations (READ-Es). READ-Es are designed to assess a ship's readiness across the full spectrum of manning, material, and training, and to provide periodic feedback to the appropriate ISIC and TYCOM. Each READ-E consists of multiple, complementary assessments consolidated into a distinct evaluation period to ensure the ship is ready to proceed to the next readiness milestone.

(1) Throughout the OFRP, READ-Es are integrated into the schedule (as depicted in Figure 4-1 for Cruisers/Destroyers and Figure 4-2 for Amphibious Ships) to assess, validate, or certify ship readiness. Forward Deployed Naval Forces (FDFNF) ships will execute READ-Es per Chapters 4 and 6. Because each evaluation may have several components, one organization will be designated as the lead organization for each READ-E and is responsible for coordination with the ship and other external assessment teams to minimize redundancy and maximize effectiveness. The duration of each READ-E varies based upon scope, ship class, and other scheduling considerations.

b. Assessments. Assessments that are not part of Readiness Evaluations are scheduled as independent events throughout the OFRP. Where possible, these assessments are aligned to the notional cycle, rather than a standardized periodicity (e.g., “conducted during pre-deployment Sustainment Phase” vice “conducted every 2 years”) to provide ships a predictable and logical readiness assessment periodicity. Reference (f) provides a complete list of assessments. These independent assessments are scheduled with the following additional goals:

- (1) Reinforce common standards
- (2) Consolidate assessments when logical
- (3) Maximize use of subject matter experts
- (4) Eliminate redundancy

c. Total Ship Readiness Assessment (TSRA). TSRA visits are readiness-focused material condition assessments scheduled and managed by the TYCOM and executed by the RMC. Details for scheduling and execution of the TSRA process are provided in reference (f).

d. Material Inspections. Part of the strategy to maintain equipment at a higher level of readiness and reinforce standards compliance includes more frequent material inspections. By conducting a material validation every OFRP cycle, ships better understand their equipment status and capabilities and reduce the premium costs associated with late-identified work.

(1) INSURV Trials and Material Inspections. The Board of Inspection and Survey (INSURV) will conduct Acceptance Trials (AT), Final Contract Trials (FCTs), Material Inspections (MIs), and Decommissioning Surveys per references (h) and (i).

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

(2) TYCOM Mid-Cycle Inspections. In OFRP cycles that do not include one of the INSURV inspections in the paragraph above, TYCOM will conduct an MCI per applicable TYCOM instruction (reference (j) or (k)).

(3) Either an INSURV MI or TYCOM MCI will be scheduled where it best fits once per OFRP cycle in either the Integrated Phase or Sustainment Phase.

## Chapter 2

### ***SURFACE FORCE TRAINING RESPONSIBILITIES***

- Ref:
- (a) COMNAVSURFPACINST 5400.1, Naval Surface Force Pacific Regulations
  - (b) COMUSFLTFORCOM/COMPACFLTINST 3501.3D, Fleet Training Continuum
  - (c) OPNAVINST 3120.32D, Standard Organization and Regulations of the U.S. Navy
  - (d) OPNAVINST 3500.34G, Personnel Qualification Standards Program
  - (e) NAVEDTRA 43100-1, Personnel Qualification Standard Unit Coordinator's Guide
  - (f) COMPACFLTINST 3000.3, Commander, Naval Surface Group Western Pacific, Forward Deployed Naval Forces, Japan, Readiness Production
  - (g) COMNAVSURFLANTINST 3502.1, Readiness of Patrol Coastal Ships Forward Deployed to Bahrain

#### **200. Commander, Naval Surface Force U.S. Pacific Fleet (COMNAVSURFPAC) / Commander, Naval Surface Force Atlantic (COMNAVSURFLANT)**

1. Overall management of Naval Surface Force training, policy, procedures and requirements per references (a) through (c). Responsibilities include:
  - a. Management of Maintenance Phase, Shakedown Phase, and Basic Phase and all surface force unit-level surface force training.
  - b. Development of new or revised training evolutions, subsequent publication through appropriate means, and implementation of training plan modifications.
  - c. Identification of training support service requirements to be provided by other commands for surface units.
  - d. Coordination with other TYCOMs to ensure ongoing training standardization.
  - e. Provide Surface Force training guidance to the ATGs and supporting commands such as Navy Surface and Mine Warfighting Development Center (SMWDC), Naval Undersea Warfare Center (NUWC), Center for Surface Combat Systems (CSCS), Naval Beach Group (NBG), Expeditionary Warfare Training Group (EWTG), Naval Information Forces (NAVIFOR), Naval Information Warfighting Development Center (NIWDC), and Naval Information Warfare Training Group (IWTG-N/SD/G).
  - f. Granting and/or approval of all mission area certifications, exit criteria, and associated standards and requirements.
  - g. Approval authority for all Basic Phase training related schedules, policy exceptions and deviations.

**201. Administrative Control (ADCON) Chain of Command**

1. The ISIC in the ADCON Chain of Command monitors, tracks, reports to TYCOM, and provides overall supervision for the conduct of each assigned unit's progress throughout the training cycle and participates in selected evolutions. The immediate superior in the ADCON Chain of Command will:

- a. Ensure compliance of assigned units with the Surface Force Training and Readiness Manual
- b. Assist COs in coordination of assessments to include scheduling assistance, liaison with ATG, and provide a senior representative during ISIC-led events.
- c. Recommend approval of individual ship's Basic Phase training schedules.
- d. Review and approve training requirements of assigned units and monitor their execution through routine use of TORIS. Continuously monitor, track, and report to TYCOM individual ship proficiency status and TORIS Mission Area FOM levels throughout the OFRP. Ensure ISIC and ship data entry requirements are kept up to date in TORIS throughout the FRTP.
- e. Monitor progress of assigned ships to ensure completion of all Basic Phase requirements, to include exit criteria.
- f. Monitor all OFRP exit criteria. Coordinate schedule requests through the chain of command and quarterly fleet scheduling conferences. Ensure ship scheduling of integrated events does not conflict with Basic Phase training.
- g. Ensure adequate re-evaluation of skills found to be unsatisfactory or incomplete following completion of any training event and coordinate with ATG for reassessment, as required.
- h. Monitor Advanced, Integrated, and Sustainment Phase training through liaison with SMWDC, Numbered Fleet Commanders (NFC), tactical commanders/immediate operational commanders, Officer Conducting Exercise (OCE) for major fleet exercises, and or Carrier Strike Group (CSG)/Amphibious Readiness Group (ARG) commanders.
- i. Monitor missed training opportunities for assigned units and take appropriate action based on the circumstances.
- j. Monitor and ensure ship participation in Monthly Inport Training Exercises (MITEs) in each Fleet Concentration Area (FCA).
- k. Submit training reports required by this manual.

l. Endorse messages for non-critical school waivers and provide approval/disapproval recommendations to TYCOM on ship policy exception requests.

m. Coordinate with ATG in the development and maintenance of the weekly Basic Phase training and readiness status report. This report will be provided to TYCOM, ISICs, and ships via email, weekly.

n. Assist ship COs and ATG in the scheduling, coordination, and briefing of the ship's Basic Phase Readiness Brief and Basic Phase Status Update Brief to TYCOM.

o. Prior to entering Basic Phase, ship/ISIC will transmit a READ-E 1 update message, indicating that the ship is ready to commence Basic Phase.

## **2. Commander, Naval Surface Group Western Pacific (CNSGWP)**

a. CNSGWP acts as TYCOM's executive agent for FDNF-J ships throughout the Maintenance, Basic, Advanced, and Integrated Phases. CNSGWP's mission and authorities are delineated in reference (f) and include:

(1) Ensure FDNF-J ships receive requisite maintenance and training entitlements per reference (f).

(2) Assess readiness per FDNF-J readiness generation model and recommend ships for Basic Phase certification.

(3) Report FDNF-J ship performance of, impediments to, mitigation, and attainment of certification requirements to CNSP.

(4) Exercise authority as delegated in reference (f) for TYCOM-level oversight of FDNF-J ships' material readiness, training, and Basic Phase certifications.

(5) Exercise ADCON authority over FDNF-J ships per reference (f).

(6) Receive Basic Phase Readiness Brief and Basic Phase Status Update Brief as TYCOM's executive agent for FDNF-J.

## **3. Commander, Naval Surface Squadron FIVE (CNSS-5)**

a. CNSS-5 acts as TYCOM's executive agent for FDNF-C PC and MCM ships undergoing maintenance and training phases. CNSS-5 mission and authority are delineated in reference (g) and include:

(1) Ensure FDNF-C ships receive requisite maintenance and training entitlements per reference (g)

(2) Assess readiness per FDNF-C readiness generation model and recommend ships for Basic Phase completion.

(3) Report FDNF-C ship performance of, impediments to, mitigation, and attainment of certification requirements to CNSL.

(4) Exercise authority as delegated in reference (g) for TYCOM-level oversight of FDNF-C ships' material readiness, training, and BPC certifications.

(5) Exercise ADCON authority over FDNF-C ships and serve as Class Advocate for all PC Class ships.

(6) Conduct all training and certification events that would normally be accomplished by ATG Mayport and Engineering Assessments Atlantic (with the exception of LOA) for FDNF-C based PCs.

(7) Conduct all training certification events that would normally be accomplished by ATG Mayport (with the exception of LOA and SUP) for FDNF-C based MCMs.

(8) Receive Basic Phase Readiness Brief and Basic Phase Status Update Brief as TYCOM's executive agent.

## **202. Afloat Training Groups (ATGs)**

1. The Afloat Training Group (ATG) is TYCOM's executive agent for training and assessment. The use and support of ATG is required during appropriate events during Maintenance, Shakedown, Basic, and Sustainment Phases to ensure standardization in conducting and assessing training. All third party assessment organizations that contribute to mission area certification will adhere to guidance set forth in this manual and coordinate efforts with ATG for all training events, READ-Es, and TSRA periods that occur during the OFRP. ATG will:

a. Assess and grade all Certification Exercises (CEs) completed during Basic Phase unless already approved for observation/assessment/grading by an external organization approved by TYCOM. For associated events that are required subsets to CEs that outside organizations objectively grade (e.g. Surface Ship Radiated Noise Measurement (SSRNM) and On-Range Torpedo Firing where objective qualitative evidence of proper performance exists), that evidence (SSRNM report, range message, degaussing message, etc.) serves as the qualified third party observer.

- b. Develop Basic Phase training plans, to include tailoring, if required, based on READ-E 3 mission area proficiency performance.
- c. Support development of training policies, procedures, and processes.
- d. Afloat Training Group Pacific (ATGPAC), serving as the program manager for TORIS and associated applications, will develop, maintain, and distribute the applications to the Surface Force, Squadron Commanders, and TYCOMs and provide periodic updates.
- e. Enter all Basic Phase training assessment data into TORIS, to include all training event scheduling and resourcing data, CE grade sheets, training event assessment documents (ASAs, Material Check Sheets, etc.), and CE completion data.
- f. Provide TORIS training for afloat (ship and squadron) personnel as required.
- g. Serve as the database manager for Surface Force and Afloat Training Organization (ATO) training and certification data.
- h. Provide tailored training when requested by ships or ISICs in the form of Limited Training Team (LTT) events.
- i. Provide support using the Navy Continuous Training Environment (NCTE) battle labs for Fleet Synthetic Training-Unit (FST-U) level events.
- j. Conduct the Training Officer Course (G-7B-0200) for Afloat TRAINOs.
- k. Conduct MITEs in each FCA.
- l. Assign Training Liaison Officers (TLO)/Team Leaders to ships in Basic Phase. TLOs/Team Leaders will track and maintain a status of mission area certification requirements for their respective ships, providing that status weekly to TYCOM, via the ATG CO, until all Basic Phase mission area and training team certifications are complete.
- m. ATG Battle Lab will maintain a library of AOR relevant training scenarios to support all ship classes.
- n. Develop standardized Afloat Self-Assessment (ASA) checksheets, material checksheets, and RE/CE grade sheets and ensure the latest versions are posted to the ATG Toolbox and are incorporated into TORIS.
- o. Submit required reports per this document.

p. Coordinate with ADCON ISIC in the development and maintaining of weekly Basic Phase training and readiness status report to TYCOM, ISICs, and ships. This report will be provided to TYCOM via email. If a ship cannot complete Basic Phase within the allotted time, ATG must work with ISIC and propose a plan of action for completion of remaining events, explaining any issues that impact execution to TYCOM.

q. Provide READ-E 3 support, conduct material checks as needed, manage LOK exam program, and maintain ATG website.

### **203. Engineering Assessments (EAA/EAP)**

1. Engineering Assessments Pacific/Atlantic (EAP/EAA) is the TYCOM's executive agent for training and assessment of the engineering certification process. The use and support of EAP/EAA is required during the Maintenance and Basic Phases to ensure standardization in training and assessing engineering readiness. Specific responsibilities include:

a. Assess and grade all MOB-E CEs Basic Phase.

b. Support development of training policies, procedures, and processes. Retain responsibility for the Engineering certification events. Recommend changes to the TYCOM via established processes.

c. Conduct Light-Off Assessments (LOAs).

d. Provide support to ISIC or TYCOM by either assisting with or conducting LOAs on ships with availabilities less than 120 days, if requested.

e. Conduct Engineering Operations Certification (EOC).

f. Certify CNSS-5 N44 Engineering Readiness Assessments Officer to act as the senior assessor in situations where EAA is not available to support a LOA in Bahrain (CENTCOM).

### **204. Naval Education and Training Command (NETC)**

1. NETC will assist ATG both in curriculum development and training. This will ensure the theory taught in the classroom transitions to practice on the deck plates.

2. NETC Learning Centers will support Basic Phase training by conducting Advanced Warfare Training (AWT) and Self-Assessment and Groom Training (SAGT) as delineated in Chapter 4.



3. When available, CSCS will support opportunities to grant access to Anti-Submarine Warfare (ASW) and Integrated Air and Missile Defense (IAMD) high fidelity trainers that will enhance training in the USW and BMD mission areas.

**205. Tactical Training Group Pacific/Atlantic (TTGP/TTGL)**

1. Support Basic Phase training by providing FST services using the Navy Continuous Training Environment (NCTE) battle labs for Fleet Synthetic Training-Unit (FST-U) level events in support of unit and group tactical mission area training, qualification, and certification.

2. Support Integrated Phase training across all OFRP phases by providing FST services using NCTE battle labs and distributed NCTE nodes aboard ships. Utilizing a building block approach, deliver scenarios requiring an increasingly more complex/robust series of training events focused on Warfare Commanders, Group Commanders, and, at the top end, Joint/Coalition Task Force Commanders. Through progressively complex FST scenarios, ensure tactical tasks are synchronized through battle rhythm events to support Warfare Commanders, Group Commanders, and Joint/Coalition Task Force Commander requirements.

**206. Naval Beach Group One/Two (NBG 1/2)**

1. NBG 1/2 will conduct Amphibious Warfare (AMW) mission area and Amphibious Task Force Lift (ATF Lift) training as a third party assessment organization for ATG. Specific responsibilities include:

a. Assess and grade all AMW CEs during Basic Phase. Retain responsibility for AMW Certification events.

b. Per reference (b), ensure training for ATF Lift capable platforms is complete within 60 days of completion of the Maintenance Phase.

c. Support development of training policies, procedures, and processes.

d. Recommend changes to the TYCOM via established processes.

**207. Naval Information Forces (NAVIFOR)**

1. NAVIFOR, or their executive agent, IWTG, will conduct CRY, CYBER, EW, Meteorology and Oceanography (METOC) training as a third party assessment and training organization for ATG. Conduct INT and OPSEC training to assist units in developing the skills needed to pass certification requirements as assessed by ATG until IWTG can assume

responsibility for assessing those areas in support of TYCOM. Specific responsibilities include:

- a. Support development of platform Navy Mission Essential Task List (NMETL) for the CRY, CYBER, EW, INTEL, OPSEC, and METOC mission areas.
- b. Execute EW, CRY, and CYBER training and assessment requirements in support of Basic Phase.
- c. Support development of training policies, procedures, and processes.
- d. Support development of CRY, CYBER, and EW unit level training curriculum aligned to established unit level Navy Tactical Tasks (NTAs).
- e. Execute EMSO Cell Advanced Qualification for OFRP (NIWDC EW MAD Lead) or NIWDC will conduct Advanced EMSO Cell Qualification for OFRP EMSO Qualification (EMSOQ).
- f. Provide tailored training when requested by ships or ISICs in the form of Limited Training Team (LTT) events.

#### **208. Naval Information Warfighting Development Center (NIWDC)**

1. NIWDC will assist the TYCOM executive agent (SMWDC) for planning and execution of SWATT. Specific responsibilities include:

- a. Provide advanced tactical CRY, COMMS, CYBER, EW, and INT training at both the unit and integrated levels, mentored and assessed by NIWDC Warfare Tactics Instructors (WTIs) and other Subject Matter Experts (SMEs).
- b. Develop event cards in support of SWATT events. The event cards will be used to measure the effectiveness of SWATT training.
- c. Support development of training policies, procedures, and processes.
- d. Support development of platform NMETLs for CRY, CYBER, COMMS, EW, and INT mission areas as well as METOC training.

#### **209. Naval Surface and Mine Warfighting Development Center (SMWDC)**

1. SMWDC is TYCOM's executive agent for planning and execution of SWATT. Specific responsibilities include:

- a. Train surface and mine warfare forces in tactics, techniques, and procedures (TTPs) in assigned combat mission areas at the individual, unit, integrated, or advanced, and joint levels ensuring alignment with the Surface Warfare Combat Training Continuum (SWCTC), when appropriate. Provide mentoring and assessments by SMWDC Warfare Tactics Instructors (WTIs) and other Subject Matter Experts (SMEs).
- b. Develop event cards in support of SWATT events that will be used to measure the effectiveness of SWATT training. Utilize the AEs contained in Chapter 5 of this instruction to provide the foundation and the starting point for the development of SWATT events. Grade and/or assess the units on AE execution.
- c. Support development of training policies, procedures, and processes.
- d. Support development of platform NMETLs for all tactical mission areas.

**210. Center for Surface Combat Systems (CSCS)**

1. CSCS conducts the AWT cycle per CSCSINST 1541.1 (Series).

**211. Ship's Commanding Officer (CO)**

1. One of the primary responsibilities of the Commanding Officer (CO) is to ensure development of a viable shipboard training program. The CO will:
  - a. Brief TYCOM, at TYCOM HQ or via VTC, on the ship's readiness to commence Basic Phase events (Basic Phase Readiness Brief). This brief will notionally occur no later than 45 days prior to Focused Training Availability (FTA) 1. At a minimum, this brief will contain personnel shortfalls, school shortfalls, material issues, embedded training system concerns, and any other issues that may impact training.
  - b. During Basic Phase, brief TYCOM, at TYCOM HQ or via VTC on the ship's status of all mission area certifications and the plan of action for the remaining uncertified Basic Phase training events (Basic Phase Status Update Brief). This brief will take place notionally during the Basic Phase CMAV, if scheduled, and if not scheduled no later than week 12 of Basic Phase. If a ship is at risk for not completing Basic Phase within the allotted time, the ISIC must work with ATG and propose a plan of action for completion of remaining events, explaining any issues that impact execution to TYCOM.
  - c. Maintain, as a minimum, currency on Repetitive Exercises (REs) specified in this document. To this end, the CO will frequently (at least monthly) review the ship's training plans to ensure appropriate readiness throughout the ship's projected employment schedule. The primary tool used to accomplish this is TORIS.

d. Use every opportunity to maintain and increase unit proficiency by effective use of onboard training devices and simulation, as well as requesting additional training from ATG in the form of LTTs.

e. Aggressively prepare ship's systems and personnel for scheduled training events, including the accomplishment of all prerequisite training and systems level tests required to progress through the OFRP phases.

f. Training is one of the fundamental competencies of the surface warfare profession. In striving for Operational Excellence, Commanding Officers (CO) must Implement and track a tailored Command Training Program that meets the requirements of per reference (c), SORM Chapter 8. The Command Training Program will be reviewed and evaluated by TYCOM during READ-E 3 and READ-E 5, at a minimum. The CO is ultimately responsible for ensuring their crew is ready to meet the challenge of the high-end fight.

(1) A Shipboard training program has four elements: formals schools, WTRP, PQS, and the CTP. All elements are required to be in place to build organizational capacity by: (1) offsetting the effects of planned (and unplanned) personnel rotations, (2) accounting for normal degradation of skills and proficiency, and, (3) develop Sailors' professional capabilities. Reference (d) provides direction for maintaining an effective program.

(2) A strong shipboard training program has a positive effect on a ship's culture and level of professionalism. In particular, an effective shipboard training program will lead to inculcation of the sound shipboard operating principles which, in turn, lead to operational excellence.

g. Evaluate and report mission area training readiness by:

(1) Establishing training teams. Shipboard training teams are the primary agents for training self-sufficiency. Training team members should include a core group of the most knowledgeable and experienced personnel in the ship who bring enthusiasm to the training process. Ensure each training team is designated in writing and personnel assigned are qualified for the watch stations they are evaluating.

(2) Reporting RE equivalence completion to ADCON Chain of Command for an exercise when, in the CO's judgment, an operation conducted outside of formalized training both adequately represents the exercise in question and meets the listed exercise objectives.

(3) Ensuring the timely and accurate reporting of the ship's exercise accomplishments and mission area training readiness in TORIS.

Note: At the completion of the first 90 days in command, CO's will report to TYCOM on their assessment of the ship's readiness in the areas of manning, training, and equipment/material

readiness (90-Day TYCOM Report). This report will be provided via email, from the ship CO, to the applicable TYCOM, info the ISIC, no later than their 100<sup>th</sup> day in command.

h. Ensure internal administration of training in the command is well-organized. The use of available programs such as FLTMPs, TORIS, training plans, lesson guides, and attendance records is required per reference (f).

i. Establish and maintain an effective command Personnel Qualifications Standards (PQS) program per references (d) through (f).

j. Conduct periodic reviews of CE/RE, NEC, and Critical Schools status, to include missed training opportunities, and report deficiencies/recommended solutions to ISIC.

k. Submit required reports per this manual.

l. Submit mitigation plans to ADCON ISIC for approval for any failed READ-E 4 events, any certification event failures, and for any mission area TORIS Mission Area FOM less than 60% during Sustainment Phase. The mitigation plan will outline the corrective action and proposed risk mitigation actions as applicable (such as for safe underway operations with a mobility area failure). Mitigation plan formats are at the discretion of the ISIC. Mitigations include (but are not limited to) embarking subject matter experts, additional supervision, additional training, requalification, reduced watch sections to allow more senior/experienced personnel, temporary standing orders, and limiting operations.

## **212. Training Officer (TRAINO)**

1. The ship's TRAINO assists the CO in the formulation and administration of the unit training program and will attend the ATG provided Training Officer Course (G-7B-0200) enroute or at the first available opportunity. The TRAINO will:

a. Serve as a member of the Planning Board for Training (PB4T).

b. Prepare, issue, and maintain training schedules after the PB4T has outlined the requirements.

c. Coordinate with the Operations Officer in scheduling training exercises.

d. Coordinate with the ATG Training Liaison Officer (TLO) and Team Leads to execute scheduled training events and ensure required resources are reserved to complete Basic Phase.

e. Supervise implementation of the PQS System and ensure its use as the basis for training objectives within the command training program per reference (e).

- f. Maintain accurate ship TORIS data entry requirements throughout the FRTP by ensuring the creation and distribution of grade sheets for all RE events and ensuring entry of results upon completion.
- g. Provide the CO an assessment of the ship's mission readiness by use of TORIS.
- h. Maintain the ship's Formal Schools requirements program and coordinate school quota requirements with Training Support Command (TSC) via Enterprise Navy Training Reservation System (ENTRS).
- i. Serve as primary coordinator for the ship's FLTMPS database.
- j. Attend FCA TSC sponsored quarterly Training Officer conference. Maintain password access and log-in to the Commander, Naval Surface Forces (CNSF) N7 Training portal, ATG Toolbox, FLTMPS website, and electronic End of Mission Report (EOMR) database at least weekly to ensure training tools and guidance are current.
- k. Develop and maintain the command's Training Program per reference (c).
- l. Ensure a Command Qualifier List is maintained in RADM.
- m. Ensure Training and Drill critiques are conducted per PBED principles to promote High-Velocity Learning (HVL).
- n. Provide weekly training updates to the ship's PB4T, including CE/RE, NEC, and Critical Schools status.
- o. Provide periodic updates on CE/RE, NEC, and Critical Schools status to the Commanding Officer to enable command-level attention.

## Chapter 3

### *SUPPORTING REQUIREMENTS*

- Ref: (a) OPNAVINST 3500.34G, Personnel Qualification Standards (PQS) Program  
(b) NAVEDTRA 43100-1, PQS Unit Coordinator's Guide  
(c) OPNAVINST 3120.32D, Change 1, Standard Organization and Regulations Manual of the U.S. Navy  
(d) COMUSFLTFORCOMINST 4790.3C, Change 6, Joint Fleet Maintenance Manual  
(e) COMUSFLTFORCOM/COMPACFLTINST 3501.3D, Fleet Training Continuum

#### **300. Shipboard Training and PQS Program Policy**

1. General. Effective command Training and Personnel Qualification Standard (PQS) programs are critical to the ship's ability to perform its assigned missions. Commanding Officers will develop and implement command-wide Training and PQS programs that meet the requirements set forth in references (a), (b), Chapter 8 of reference (c), and Chapter 5 of this instruction. Afloat Self-Assessment (ASA) and IWTG checksheets are available to assess Training and PQS compliance for both of these programs (<https://atg.ncdc.navy.mil/toolbox/private/index.htm>).

2. Relationship between Training and PQS Programs. Training and PQS, while two distinct programs, are fundamentally linked since PQS is the basis of a Command Training Program per reference (c) and both programs enable effective Watch Team Replacement Plan (WTRP) management.

a. The entry point of the shipboard training and qualification process is the WTRP. It should identify watchstations that will need to be filled due to either rotation or upward progression and identify the Sailor intended to fill that watchstation per reference (c). These fills can come either from Prospective Gains (PG) or from existing crewmembers. In the case of a PG slated to fill a WTRP gap, an analysis of required schools and/or NECs for the watchstation should take place and the ship, working early in the process with Navy Personnel Command (NPC), should initiate those required adjustments to the training track of the PG. NPC, for their part, must provide the receiving unit with viable alternatives to ensure units are gaining members with required training and/or NECs. Once the PG reports, or in the case of an existing crewmember, the Division Officer should create a PQS assignment for that Sailor, with a qualification goal date early enough to meet the need identified in the WTRP. That PQS assignment should then trigger the scheduling of the supporting training lectures. Training Teams must also ensure those individuals working on a PQS assignment are offered opportunities to perform the 300 series tasks during Training Team evolutions. These steps will ensure that all Sailors receive the necessary training in support of their qualification goals. See Figure 3-1.

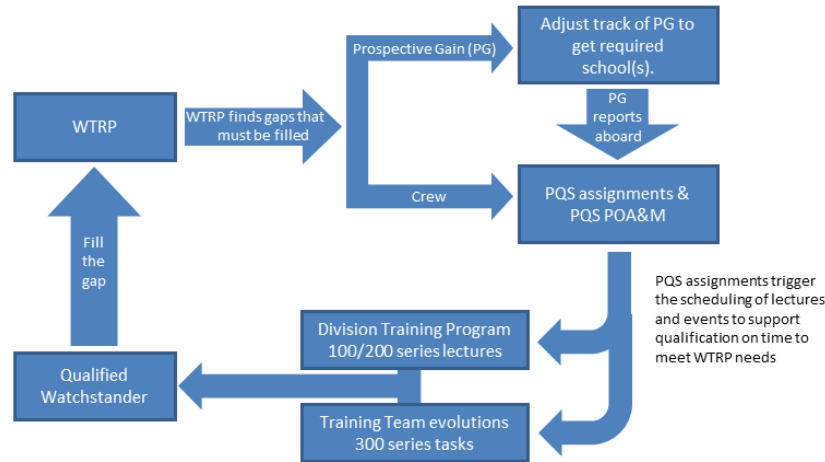


Figure 3-1. Integration of PQS and Training

3. **PQS Requirements.** All watchstations listed on the Watch, Quarter and Station Bill or any other watchbill require the use of NAVEDTRA PQS for qualification. If there is no PQS for the watchstation, the ship will develop a Job Qualification Requirement (JQR). Prior to being assigned a watch on any watchbill, each individual will be qualified or interim qualified per reference (b) on that applicable watchstation. Under instruction watches may be assigned when under the direct supervision of a qualified watchstander.

a. Tailoring. Per reference (b) ships will tailor PQS books to meet applicable equipment, system configurations, and task requirements. Commanding Officers will sign a letter for each PQS reflecting the tailoring of that standard. Tailoring letters must be issued to crew members with the PQS to ensure consistency in the qualifications.

b. PQS Qualifiers. PQS qualifiers are acknowledged experts in a specified area of qualification. Qualifiers are entrusted with protecting the integrity of the PQS system by guiding trainees to references and demanding trainees possess a level of knowledge commensurate with the applicable system(s) and watchstation. Commanding Officers are to be very selective when designating qualifiers. Interim qualified personnel will not be designated as PQS qualifiers. Additional guidance regarding PQS qualifiers is provided in reference (b).

c. Requalification. The process to gain watchstation qualification based on previous experience and / or previous qualifications is known as requalification. Requalification allows the FQA, in conjunction with the department head, division officer, leading chief petty officer, and leading petty officer, to determine the requirements needed for an individual to obtain qualification. For requalification, the FQA must determine if the individual should complete the entire PQS, complete a modified or abbreviated list of PQS line items, or accept the individual(s) previous qualification. This decision will consider the watchstander(s) proficiency with respect to normal operations and all applicable casualty response actions.



- (1) An individual will requalify for the applicable watchstation(s) when:
- (a) Reporting to a new command
  - (b) TAD to another command
  - (c) Equipment, system configurations, or task requirements change that require modification to standard or tailored PQS
  - (d) Revised PQS is received and the Commanding Officer determines the changes are applicable to the ships watchstations
  - (e) Recommendation by Training Agent SME based on individual's inability to demonstrate fundamental knowledge required to engage in FRTP events.
  - (f) Commanding Officer's discretion

Note: Once signed by a CO of the ship, a signed qualification designation letter is valid throughout that member's tour onboard, unless revoked by that CO or any following COs. An updated designation letter from any CO that assumes command after the designating CO is not required for standing the watch or Basic Phase certification purposes.

#### 4. PQS Management

a. Relational Administrative Data Management (R-ADM). R-ADM, if installed, will be used to manage PQS and Training Programs. R-ADM is designated as the authoritative database for afloat activities with the Naval Tactical Command Support System (NTCSS) suite to capture individual unit-level training, including PQS, qualifications, and certifications. As such, PQS program elements such as PQS Plan of Action and Milestones (POA&M) development, tracking of progress, interim qualifications, and the recording of final qualification will all use R-ADM. In addition, all watchbills will be created, managed, and maintained in R-ADM or another program that pulls data directly from the R-ADM database. For the shipboard training program, R-ADM will be used to track the appropriate training exercises required by reference (c).

b. Advanced Skills Management (ASM). Afloat activities without access to R-ADM but are supported by ASM shall utilize ASM as the authoritative database to capture individual level unit training, PQS, qualifications, and certifications. Watchbills shall be created, managed, and maintained utilizing ASM as the primary reference for verifying qualified personnel.

c. Ships that do not have R-ADM may choose their method of tracking PQS.

### **301. Training Teams**

#### **1. Training Team Policy**

a. An effective training program is based on a logical continuum of training that provides watch teams the opportunity to mature as a cohesive entity. The goal is for the ship's training teams to attain self-sufficiency and maintain watch team proficiency by conducting challenging training using realistic and progressive scenarios designed to meet specific training objectives. To be effective, training must be scheduled and conducted throughout the entire OFRP cycle.

b. Training teams should include a core group of the most knowledgeable and experienced personnel who bring enthusiasm to the training process. No particular team size is directed. The size of the crew, number of qualified personnel, complexity of the exercise, and safety requirements will influence the size of the team. In addition, some training objectives for a particular event may not require the stationing of a full training team. Training team members will be assigned to a watchstander that is expected to take casualty control actions.

c. When feasible, ships may use a 2-section training team program in which a training team will be formed from one watch section to train the other and vice versa. In the case of the Damage Control Training Team (DCTT), the ship may use selected members of one repair locker to train and assess other repair lockers. Assigning training teams in this manner eliminates the requirement to have dedicated training team members, eliminates confusion on assignments during actual battle or damage control events, and enhances watchstander skills by increasing training opportunities. This model may not work for all cases. For example, there will be certain drills that require a dedicated training team other than the watch teams (e.g., Condition I drills, such as Main Space Fire Drill, MOB-D Major Conflagration, etc.).

2. Required Training Teams. The following training teams will be established:

- a. Anti-Terrorism Training Team (ATTT)
- b. Combat Systems Training Team (CSTT)
- c. Engineering Training Team (ETT)
- d. Damage Control Training Team (DCTT)
- e. Seamanship Training Team (STT)
- f. Aviation Training Team (ATT) (LHA/LHD/LPD only)
- g. Medical Training Team (MTT)

- h. Visit, Board, Search, and Seizure Training Team (VBSSTT) (if applicable)
- i. Integrated Training Team (ITT)

3. Training Team Designation. Training team members must be designated in writing by the Commanding Officer or if the current CO is within the first 90 days of command, the previous CO's signed designation letter will suffice for Basic Phase training and certification. Designation may be accomplished by separate instruction, letter, or watchbill signed by the Commanding Officer. The minimum qualification requirement is that the training team member must be qualified on the watchstation being observed. Although training team members will be identified prior to Basic Phase, team members will not be used/assessed in the training team role until after watch team certification. Ship's training teams will be part of the assessed watch teams until mission area certification is complete in that particular mission area.

### **302. Ship Instructions, Notices, and Bills**

1. There are numerous instructions, notices, and bills required to establish proper procedures. Many of these documents can be incorporated into the ship's Standard Organization and Regulations Manual (SORM) and signed under a single cover letter by the Commanding Officer. The following documents must be signed by the current Commanding Officer within 90 days of assuming command:

- a. Battle Orders
- b. Standing Orders
- c. Navigation Bill
- d. Anti-Terrorism Plan
- e. Temporary Standing Orders
- f. Damaged Equipment Bill

### **303. Synthetic Training**

1. Synthetic training systems and devices, both platform-based and shore-based, are critical to the readiness strategy. Simulation-based training provides individual watchstanders and watch teams the opportunity to conduct training in a synthetic environment when safety, range access, realistic opposition forces (OPFOR), environmental considerations, and resource constraints make live exercises impractical. Furthermore, reference (e) states that "training simulators should be used to replace live training to the maximum extent possible where training

effectiveness and operational readiness are not compromised." By optimizing the use of synthetic trainers, crews are better prepared, achieve exercise objectives faster, and perform at higher levels. Therefore, the ability to maintain, configure, and employ a ship's synthetic training capability is integral to ship readiness and will be assessed throughout the F RTP.

a. Fleet Synthetic Training (FST). Fleet Synthetic Training – Unit (FST-U) is a mandatory scenario-based, objective-driven, multi-day event conducted by ATG. FST-U objectives are to improve basic communications and Tactical Data Link (TDL) proficiency, complete unit tactical training and mission area certification requirements, and evaluate the ship's ability to connect and participate in synthetic training events. All ships equipped with embedded synthetic training systems and able to participate in distributed events using Naval Continuous Training Environment (NCTE) are required to participate in a FST-U exercise during Basic Phase. The main objectives of the FST-U are:

(1) Complete required CEs in AW, CRY, EW, INT, SW and populate applicable TORIS grade sheets. Although not graded and at ATG discretion, STW and USW will be included in the FST to provide an additional opportunity, if the certification/qualification events have not been completed, or an opportunity for exposure to more advanced skillsets in these mission areas prior to the advanced phase as well as to assist the ship in demonstrating the embedded training system requirements below.

(2) Validate the ship's ability to operate within the NCTE live simulation environment using embedded training systems and have all applicable C4I systems aligned and stimulated in a synthetic environment.

(3) Assess crew proficiency in executing CSOSS procedures for embedded training systems.

b. ATG responsibilities: Assess the material condition of installed shipboard synthetic training systems/devices and the ship's ability to operate them. Coordinate a FST-U event that is designed to flex the Combat Systems team during a multi-warfare, multi-mission, complex level scenario. Train ships and provide assessment to TYCOM on each ship's ability to operate within the NCTE environment using embedded training systems.

c. Ship Responsibilities: NCTE-capable ships will maintain their ability to conduct periodic FST exercises throughout the OFRP. Submit Casualty Reports (CASREPs) for non-operational or significantly degraded onboard training systems. Specifically, ships will:

(1) Demonstrate the ability to integrate all embedded training systems simultaneously.

(2) Demonstrate the ability to maintain the systems in training mode.

(3) Demonstrate the ability to align all supporting real-world tactical data links,

communications systems, and Command, Control, Communications, Computers, Combat Systems, and Intelligence (C5I) systems.

(4) Demonstrate the ability to receive a scenario via the NCTE and assist with exercise control.

(5) Successfully establish FST connection with ATG Battle Lab during Basic Phase.

d. Conning Officer Virtual Environment - One (COVE-1). As ships become equipped with COVE-1 trainers, routine use during the Maintenance Phase will ensure Junior Officers and Bridge watchstanders are prepared for Basic Phase training and follow-on operations. Ships will make every effort to maximize the advantages of this onboard synthetic resource throughout the OFRP.

### **304. Monthly Inport Training Exercises (MITEs)**

1. Regularly scheduled MITEs provide specific mission area training opportunities to sharpen unit level skills and operator proficiency in place of conducting equivalent live events underway. Participation in scheduled MITEs is required as a means to maintain and build proficiency during inport periods and meet RE requirements (see Chapter 5). MITEs are not required during the Maintenance and Basic Phase. MITE excusal messages are not required during the Maintenance and Basic Phase. Regularly scheduled MITEs will be organized in each Fleet Concentration Area (FCA), with the local ATG designated as the Inport Training Coordinator (ITC), with the exception of IWTG being the ITC for CRY MITEs. Each ITC will provide specific guidance and instructions by message. The ITC will determine outside required support as TYCOM directs. ATG will report MITE participation by functional area to SURFOR quarterly. Units that are unavailable to participate in scheduled MITES shall report reason to ATG and ISIC. ITCs will offer the following MITEs every 30 days, at a minimum, unless otherwise indicated:

- a. Communications (COMMS)
- b. Cryptology (CRY)
- c. Data Link (AW)
- d. Electronic Warfare (EW) / Joint Tactical Terminal (JTT)
- e. Global Command and Control Systems / Amphibious Assault Direction System (AADS)  
- Maritime (SW)
- f. Intelligence (INT)

- g. Mine Warfare Environmental Decision Aid Library (MIW) (every 45 days - ATG PAC only)
- h. Visual (MOB-N)
- i. Undersea Warfare (USW) - STGs / ASTACs

### **305. Live Fire Requirements**

1. The training policy established by reference (d) includes a mix of simulation and live services. While simulation is often more cost-effective, some training events cannot or should not be replaced by a simulator. Conducting live fire exercises increases operator and crew proficiency, tests weapons system and ordnance reliability under live conditions, evaluates doctrinal procedures and system performance, and assesses the effectiveness of past training (reps and sets). Live training is the only means of providing complete end-to-end operator/system training. The first time a live mission is conducted should not be in combat or under adverse conditions. Studies show watchstander readiness degrades as a result of not conducting frequent live firings. Continued use of simulation based events as the only training venue will accelerate this degradation. Live fire CEs, REs, and AEs are detailed in Chapter 5. TYCOM will ensure sufficient NCEA and support services exist to attain and maintain operator proficiency in weapons system employment. Accordingly, COs are to conduct live fire events at every opportunity.

### **306. TYCOM Formal Schools Requirements**

1. The goal of the Formal Schools process is to ensure surface force units have the right skill sets to achieve and maintain all unit level proficiency and certification requirements. All ships will reference FLTMPS for school requirements. In the event FLTMPS and DRRS-N do not match, ships will man to the DRRS-N threshold.

2. The formal schools process ties schools and Navy Enlisted Classifications (NECs) to warfare area readiness and certification by identifying those schools and NECs having the greatest impact on meeting the mission area proficiency requirements assessed and measured in TORIS. Schools and NECs are considered either critical or non-critical.

a. Critical Schools Requirement. A critical school is defined as a functional training school that directly impacts a mission area and proficiency cannot be sustained without adequate manning of that skill. A ship's requirements for critical schools graduate percentages will be reported in FLTMPS.

(1) Critical School requirements will be validated by TYCOM during the READ-E 3 to ensure requirements are being met throughout Sustainment and during the Maintenance Phase in

preparation for the next Basic Phase. At the completion of the Maintenance Phase, during the Ready for Sea Assessment (RFSA), TYCOM will verify the status of Critical School completion to ensure all critical requirements are met prior to Basic Phase completion. The ship and ISIC will develop a plan to address any shortfalls that will extend past the end of Basic Phase; however, mission area certifications will not be held up waiting for these graduates to arrive onboard, if it does not impact the traing events.

b. Non-critical Schools Requirement. A non-critical school is defined as a functional training school or computer-based training that does not directly impact a mission area to the extent that it can be sustained without adequate manning of that skill. Schools graduate percentages will be outlined and reported in FLT MPS.

3. Critical Schools and NECs (See Figure 3-2). The following business rules apply to this group:

Phase Exit Criteria	NEC Onboard	CR Schools	CR Schools Scheduled
Sustainment	N/A	100%	N/A
Maintenance	N/A	NOTE 2	100%
Shakedown	N/A	NOTE 2	100%
Basic	NOTE 1	NOTE 2	100%
Advanced	NOTE 1	NOTE 2	100%
Integrated	NOTE 1	100%	N/A

Figure 3-2. Critical NECs/Schools

NOTE 1 - Meets DRRS-N threshold.

NOTE 2 - To achieve mission area certification in Basic Phase, the onboard requirement will be based on the minimum required graduates needed to successfully complete the certifying event with each certifying watch team. The ship will need to have, for each mission area, 100% critical schools scheduled, with completion dates prior to Integrated Phase completion. For certain rates/schools, the Critical Schools percentage will be based on corresponding Fit/Fill requirements. In cases where adjudication is required, TYCOM will be the adjudicating authority.

a. Critical Schools Certification Requirements. The Ship/ISIC, or TYCOM as appropriate, will work with the Manpower, Personnel, Training, and Education (MPT and E) activities (e.g. Navy Personnel Command, Navy Personnel Development Command) to prioritize a solution and attempt to provide TADTAR funding for school attendance to mitigate the impact of the lack of appropriate school graduates.

4. Non-critical Schools and Mission Impacting NECs. The following business rules apply to this group:

a. These schools and NECs are listed in Navy Training Management Planning System (NTMPS)/FLTMPS but are not designated as critical and are not required to certify.

b. Non-critical schools are required to support the maintenance of equipment and smooth operation of ship supply and command functions. The ship will endeavor to meet the "onboard" graduate requirements for all non-critical schools either through replacement or training onboard personnel. Prior to ordering personnel to schools, consideration should be given to the current level of talent/onboard capabilities, the time when that skill or talent will diminish or be replaced, the ship's operational schedule, and courses of action that might minimize TADTAR and operational impacts.

5. School Prerequisite Waiver Process.

a. If a ship is unable to meet any prerequisites for required schools or NECs, the Training Officer (TRAINO) will submit a Prerequisite Waiver Request to their ISIC at least 14 days in advance of the desired Course of Instruction (COI). ISIC TRAINOs will review Prerequisite Waiver Requests for accuracy and validity before sending to TYCOM N7s for endorsement. Per reference (e), TYCOMs will forward the request to local Learning Center for final approval.

b. If a ship request that a crew member report directly to the ship, instead of attending the detailed school, due to the ship's schedule requirements outweighing the billet specialty training, a Billet Specialty Training (BST) Waiver must be requested by the ship to delay the crew member required training to a later date. Waiver requests must be routed to the Immediate Superior in Command (ISIC) and approved by the Type Commander (TYCOM). PERS-4 will be copied as the responsible authority for the detailing of orders. PERS-4 will write order modifications once approved by the Type Commander and return completed form to the requestor for use in obtaining the specific Class/Quota after official reporting. BST waivers will not normally be approved and should only be submitted in exceptional circumstances.

### **307. Level of Knowledge (LOK) Exams**

1. During Basic Phase training team certification, READ-E 3, and CVs, ATG or the designated training representative will provide LOK exams to the shipboard training teams (electronic or hard copy). Every effort will be made to take LOK exams at ATG. LOK exam administration will be as follows:

a. ATG will coordinate with ship TRAINOs to administer LOK exams. This test will assist ATG or the designated training representative in identifying areas requiring additional training. A passing score of 80% or higher is required for all training team members prior to granting Basic Phase training team certification in that mission area. If a ship's training team fails to



achieve the required LOK scores specified in Chapter 5, the CO will remediate the training team until the required scores are achieved.

b. Practice exams are available via the ATG Toolbox website, for assigned mission areas, and ships are encouraged to use this resource to supplement their continuous training and PQS programs for all watchstanders, not only training team members.

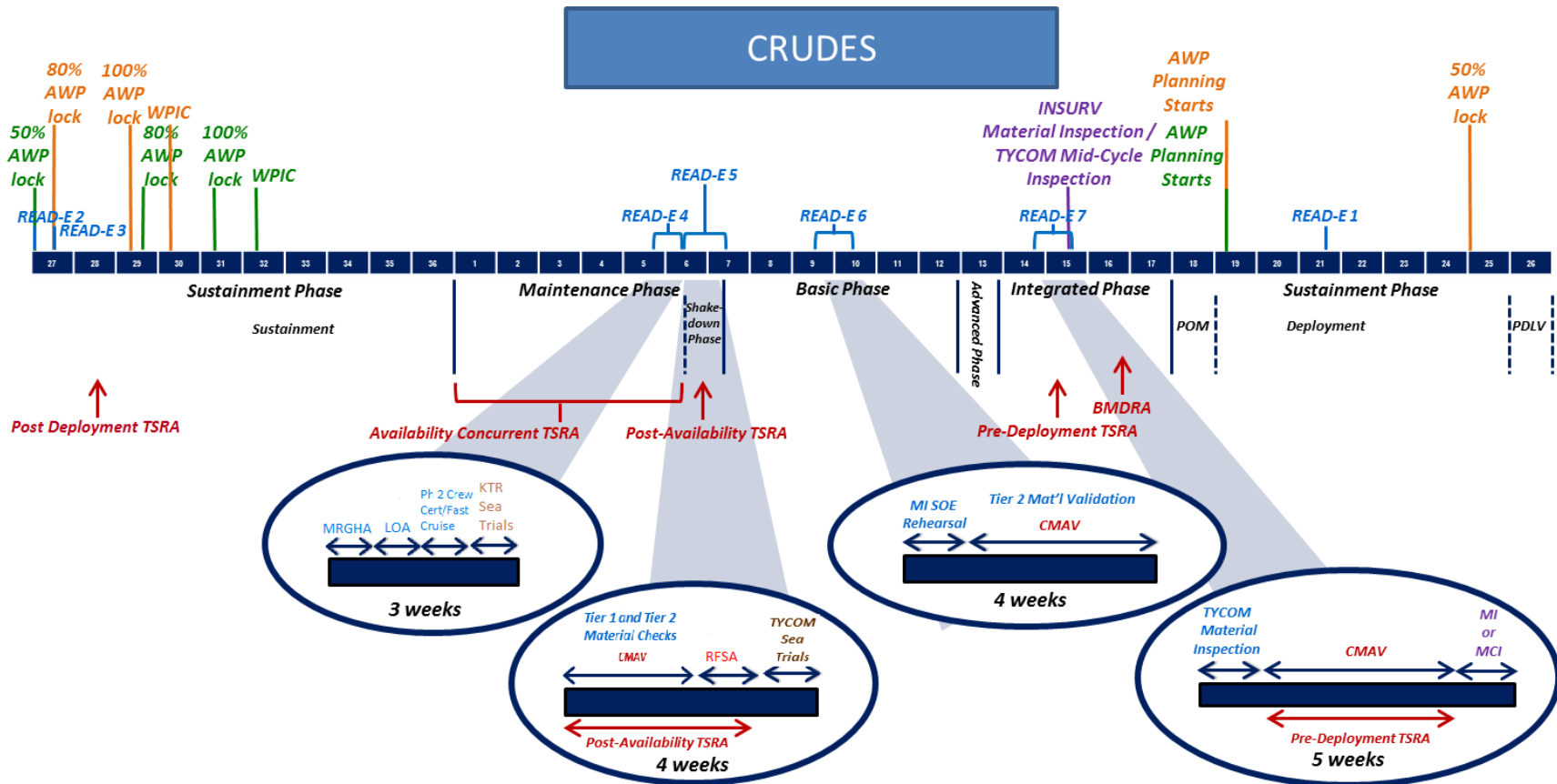
## Chapter 4

### *OPTIMIZED FLEET RESPONSE PLAN PHASE REQUIREMENTS*

- Ref:
- (a) Afloat Training Group Pacific User Guide
  - (b) Afloat Training Group Atlantic User Guide
  - (c) COMNAVSURFPAC/COMNAVSURFLANTINST 4700.1B, Total Ship Readiness Assessment (TSRA) Visit Program
  - (d) COMNAVSURFPAC/COMNAVSURFLANTINST 3530.4G, Surface Ship Navigation Department Organization and Regulations Manual
  - (e) COMUSFLTFORCOM/COMPACFLTINST 3501.3D, Fleet Training Continuum
  - (f) COMNAVSURFPAC/COMNAVSURFLANTINST 3504.1C, Redlines Implementing Instructions
  - (g) COMPACFLTINST 3000.3 Commander, Naval Surface Group Western Pacific, Forward Deployed Naval Forces, Japan, Readiness Production
  - (h) COMNAVSURFLANTINST 3502.1, Readiness of Patrol Coastal Ships Forward Deployed to Bahrain
  - (i) COMNAVSURFLANTINST 3502.2, Independent Deployment Certification for Continental United States Patrol Coastal Ships
  - (j) COMNAVSURFPAC/COMNAVSURFLANTINST 4700.3, Fleet Introduction of New Construction Ships
  - (k) COMNAVSURFPAC/COMNAVSURFLANTINST 3502.4, Crew Certification and Navigation Assessment Requirements for Surface Pre-Commissioning Units
  - (l) OPNAVINST 8023.24 (Series), Navy Personnel Conventional Ammunition and Explosives Handling Qualification/Certification Program
  - (m) COMNASURFPAC/COMNAVSURFLANTINST 8820.2D (Series), Ballistic Missile Defense Certification
  - (n) COMUSFLTFORCOM/COMPACFLTINST 3000.15B, Optimized Fleet Response Plan

**400. Optimized Fleet Response Plan (OFRP).** The Optimized Fleet Response Plan (OFRP) is a balanced, sustainable, and predictable approach to maximize employability. The OFRP consists of four phases: Maintenance, Basic, Advanced/Integrated, and Sustainment. For the purposes of scheduling, the Shakedown Phase is recognized as part of the Maintenance Phase. Sustainment Phase begins at the end of Integrated Phase, includes deployment, and ends at the start of the Maintenance Phase. The notional schedule for the 36-month OFRP is provided in Figure 4-1 for Cruisers/Destroyers (CRUDES) and Figure 4-2 for Amphibious Ships.

Note: The order of events is more important than the month in which the events are conducted.

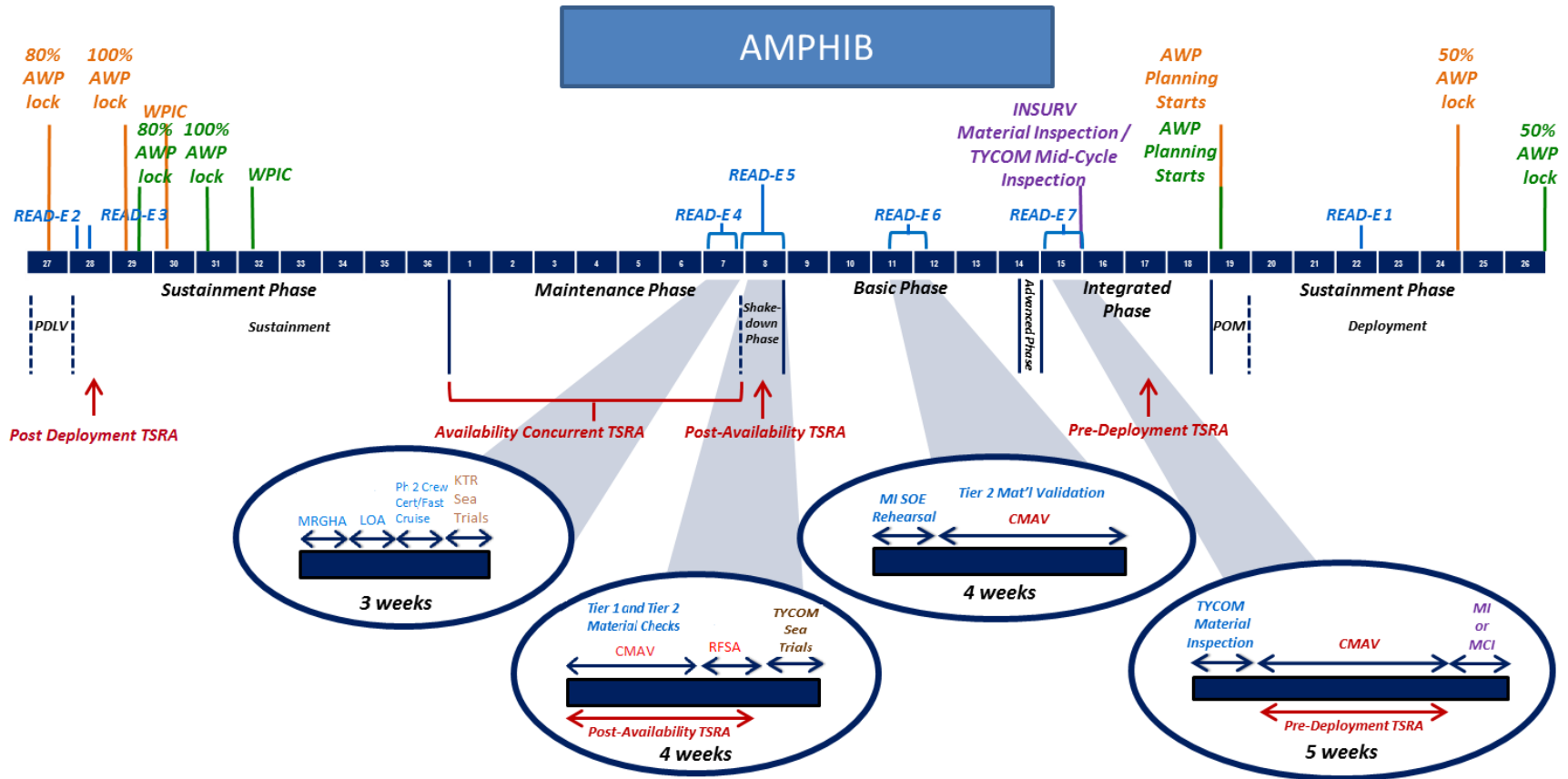


INSURV Material Inspection / TYCOM Mid-Cycle Inspection scheduled as best fits in either Integrated Phase or Sustainment Phase

AWP Planning Milestones based on FFP Contract Strategy (non-coastwide bid)

AWP Planning Milestones based on Contract Strategy (coastwide bid)

Figure 4-1. 36-Month CRUDES Notional OFRP Schedule



INSURV Material Inspection / TYCOM Mid-Cycle Inspection scheduled as best fits in either Integrated Phase or Sustainment Phase

AWP Planning Milestones based on FFP Contract Strategy (non-coastwide bid)

AWP Planning Milestones based on Contract Strategy (coastwide bid)

Figure 4-2. 36-Month Amphibious Ships Notional OFRP Schedule

1. Phase Transition. The transition from one phase to the next is driven by material readiness and demonstrated proficiency. Each phase consists of training, evaluations, and assessments that support the ship's ability to achieve exit criteria.

a. Ships' unit-level training is conducted during scheduled FTAs. FTAs are windows of opportunity where the ship's primary focus is on unit-level training. FTA 1 is a 4-week event notionally scheduled 15 weeks prior to the end of Basic Phase. There are four key goals of FTA 1: To ensure the ship is correcting deficiencies noted during READ-E 3. To train watchstanders in a classroom environment. To train the mission area training teams. Lastly, to conduct all mission area administrative checks that are able to be completed while the ship is still in the maintenance phase. The number of FTAs may vary by ship, at the discretion of ATG, based on proficiency at READ-E 3 and initial ATG training.

2. Phase Sequencing. To achieve optimum surface ship readiness each phase must support all subsequent phases. A sequenced and coordinated effort from all organizations tasked with assessing and maintaining ships and training Sailors establishes a successful readiness process. The goal is to build mission area proficiency across the OFRP through progressively complex individual, unit, and group level training events based on standardized and repeatable measures of performance. The OFRP phases outlined in the following sections describe the path to deployed readiness.

3. Basic Phase Training Strategy (Train to Certify). Each ship will progress through Basic Phase with the focus of training to certify watch teams first with ATG or its designated representative fulfilling the training team role. Once watch team (mission area) certification (e.g. MOB-E) is achieved, the focus of ATG's or its designated representative's training shifts to certify the respective training team (e.g. ETT). Training Teams are evaluated on their assessment of one watch team. Once training team certification is achieved, indicating that the ship demonstrated the requisite level of knowledge and ability to self-assess and train, ships are authorized to conduct Repetitive Exercises (REs) in that mission area. Once a ship completes watch team certification, TYCOM will release a mission area certification message. Once the training team is certified, TYCOM will release a mission area training team certification message. Once watch team and training team certification is achieved and the Basic Phase Final Battle Problem is complete, ATG will send to TYCOM the ship's Basic Phase Training Completion Report.

a. Transition from ATG to Training Teams. The intent of the above training strategy is to have external trainers (ATG, CSCS, IWTG, etc.) provide training to watchstanders and shipboard training teams to increase their training proficiency while relieving undue administrative burdens and gaining efficiencies for the ship. ATG will develop the training scenarios, with minimal ship's force acting as trusted agents, execute the scenario for the watchstanders, and assess the event. Drill cold/hot check verification and any required equipment operation will be conducted by qualified ship's force personnel with ATG oversight.

The intent of this policy is to make shipboard training teams more effective throughout the FRTP by ensuring that they have watched and learned from ATG, IWTG, and other designated training representatives.

(1) Shipboard Team Training (SBTT) will be scheduled by the ship and ATG to be accomplished during FTA 1 and is the ideal opportunity for ATG to develop and verify drill packages with ship's force. Shipboard training team members are required to provide ATG with updated CASREP/DFS/TSO information prior to all training events.

(2) Prior to entering Basic Phase the ship will man all required training teams. Once training team members are identified, ATG and other designated training authorities will work closely with shipboard training team members in preparing their ship for success throughout Basic Phase.

(3) All training team members will receive the same theory and fundamentals, individual, and watch team training that watchstanders receive. Training Team proficiency is expected to improve during this progressive training, and training teams will be certified prior to exiting Basic Phase. Training Team certification will be recommended by ATG or designated representative and granted by TYCOM.

b. ATG or designated training representative recommends certification for each mission area twice, once for watch team certification, and once for training team certification. TYCOM releases two individual mission area certification messages, though they may be combined into one message if watch team certification is closely followed by training team certification.

4. OFRP Phase Exit Criteria. Ships must achieve prescribed standards in material readiness and demonstrated proficiency prior to advancing through the OFRP. Ships will attain Basic Phase completion when all applicable CEs are met by achieving a grade of 80% or higher resulting in an overall TORIS Mission Area FOM score of 80% or higher. In the event a ship fails a CE, any subsequent attempt will be graded no higher than an 80%. TYCOM will determine if and when the ship has achieved the required exit criteria to advance to the next phase. Ships must meet exit criteria across all PESTO pillars to transition to the next phase.

#### **401. Sustainment Phase**

1. Focus. Ships will maintain readiness to conduct prompt and sustained combat operations during Sustainment Phase. Ships will use this time to conduct both internal (ship's force) and external material assessments to support Availability Work Package (AWP) development for the next Maintenance Phase.

2. Expectations. Ships will use their training teams to maintain proficiency in all mission areas through the accomplishment of REs while in sustainment. Ships will conduct the READ-E 3 per

Chapter 6 of this instruction. Ships may be required to complete a Sustainment Exercise (SUSTEX) if directed by USFFC/CPF/C2F/C3F/C5F/C6F/C7F per reference (e).

- a. Ships will maintain a TORIS Mission Area FOM of 80% across all mission areas.
- b. Training in the mission areas required by the Operational Commander will take precedence when operational requirements limit proficiency opportunities. Ships will report readiness degradations of affected mission areas per governing directives.
- c. Ships will complete an INSURV MI or TYCOM MCI during each OFRP to reinforce standards compliance and confidently provide operational commanders with ships that are materially ready to perform operational tasking. The INSURV MI or TYCOM MCI will be scheduled where it best fits for an individual ship in either the Integrated Phase or Sustainment Phase.
- d. Ships will begin preparations for the upcoming CNO Availability through critical self-assessment, clearly documenting deficiencies, training, and planning during the PB4M and READ-E 1.
- e. TYCOM will coordinate focused training to ships outside Basic Phase on an as-needed basis as determined by unit self-assessment or ISIC/ATG recommendation.
- f. Ships may conduct a Certification Validation (CV) if approved by TYCOM. A CV is an assessment event done to validate current certification in a particular mission area(s), when a ship cannot conduct all training due to operational schedule. Specific CV exercise requirements will be specified by TYCOM as proposed by the ship's ISIC and ATG. CVs normally apply to ships in extended Sustainment Phases or to ships that need to demonstrate proficiency after the replacement of a key watch team member as defined in Chapter 5 of this instruction. A ship cannot conduct two consecutive CVs, nor can it conduct a CV on an expired certification. An LTT will be required prior to the execution of any CV in order to allow ATG to make recommendations to TYCOM on tailoring the CV requirements based on ATG's assessment of the ship's proficiency in the applicable mission area.

3. Notional Schedule. Figure 4-3 depicts the notional schedule for the Sustainment Phase.

Note: The order of events is more important than the month in which the events are conducted.

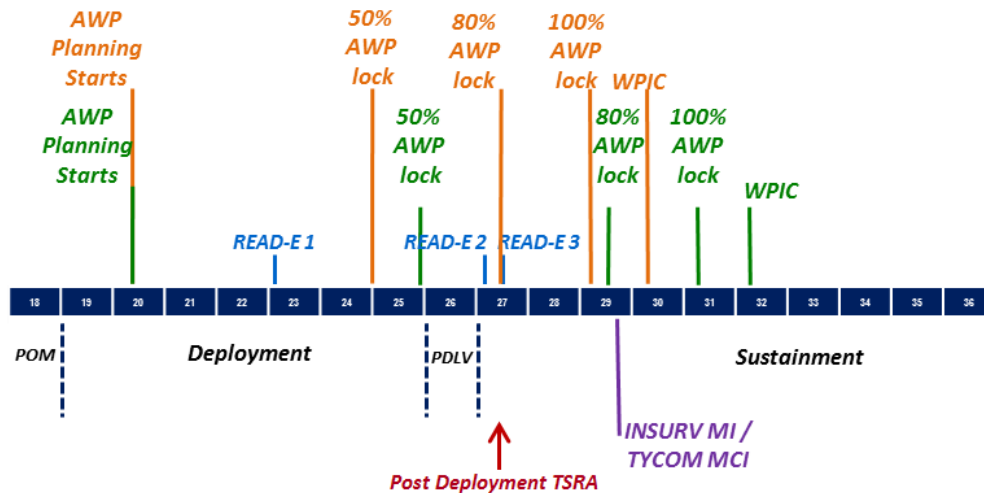


Figure 4-3. Sustainment Phase Notional Schedule – 36-month OFRP

4. Readiness Evaluations, Assessments, Certifications, and Inspections. Throughout Sustainment Phase, various evaluations and assessments are conducted to reinforce standards compliance. Events that require significant coordination are identified below; additional events are listed in Appendix B. READ-Es 1/2/3 and the Post Deployment TSRA are conducted during Sustainment Phase per Chapter 6 and reference (c) as applicable.

5. Sustainment Phase Exit Criteria

a. Objective: Ready to enter Maintenance Phase.

b. Personnel Pillar Exit Criteria

(1) Fill: Requirement set per USFFC Manning Control Authority Fleet (MCAF) directive.

(2) Fit: Requirement set per USFFC MCAF directive.

(3) Critical NEC: Requirement set per USFFC MCAF directive.

c. Equipment Pillar Exit Criteria

(1) Completion of Post Deployment TSRA

(2) AWP finalization complete

(3) Completion of READ-E 2



d. Supply Pillar Exit Criteria

(1) Ensure 100% of onboard Depot Level Repairables (DLRs), equipage items, centrally managed, and phased replacement items are inventoried, assessed, and replacements ordered as necessary.

(2) Integrated Logistics Support (ILS) plans established, Integrated Logistics Overhaul (ILO) or Phased Maintenance Review (PMR) arranged.

(3) SUP mission area proficient

e. Training Pillar Exit Criteria

(1) Completion of READ-E 1

(2) Completion of READ-E 3

(3) 3M, AT, CYBER, MOB-D, FSO-M mission areas proficient

f. Ordnance Pillar Exit Criteria

(1) Complete offload with the exception of ordnance needed to meet AT requirements

(2) EXPSAF mission area proficient, per reference (1).

**402. Maintenance Phase**

1. Focus. A ship in Maintenance Phase establishes a material foundation to support Basic Phase training, subsequent operations, and maintenance and modernization to meet the ship's expected service life. During this phase, ships must also strive to complete required schoolhouse training to have the foundational knowledge to succeed in the training cycle and deployment.

2. Expectations.

a. Availability Maintenance Actions. All maintenance availability work will be complete and certified through either RMC work certification procedures or demonstrated performance during Contractor Sea Trials.

b. The ship will satisfactorily demonstrate its ability to safely operate the engineering plant and the ship at sea. Modernization impacts on material readiness must be considered and addressed during the Maintenance Phase to ensure no impediment to training exists. Part of this assessment will include a review of PQS items that need to be reviewed/redemonstrated to

ensure watchstanders are qualified to operate new/modernized equipment installed during the Maintenance Phase.

c. Training and PQS Programs. Execute Training and PQS Programs to maintain watchstander knowledge and proficiency and prepare watchstanders for Basic Phase training. Ships must ensure that appropriate PQS assignments and training programs are established to support the WTRP for the entire OFRP due to the crew turnover that typically occurs following deployment. Ships will ensure they complete mission area classroom training and administrative reviews prior to completion of Maintenance Phase.

d. School Requirements. Ships should make every attempt to complete all required schoolhouse training during the Maintenance Phase. In cases where schools cannot be completed during this period, ships must de-conflict Basic Phase training requirements with mandatory school requirements. Ships should contact TYCOM via their chain of command as early as possible to resolve shortfalls.

e. Message Reporting Requirements.

(1) Engineering MOB-E LOA Material Readiness Certification Completion Report – Submitted by Engineering Assessments Pacific/Atlantic (EAP/EAA), per Appendix E.

3. Maintenance Phase duration varies based on planned CNO Availability length.

4. Readiness Evaluations, Assessments, Certifications, and Inspections. Throughout the Maintenance Phase, various evaluations and assessments are conducted to reinforce standards compliance. Events that require significant coordination are identified below; additional events are listed in Appendix B.

a. The READ-E 4 and Availability Concurrent TSRA is conducted during the Maintenance Phase per Chapter 6 and reference (c) as applicable.

5. Maintenance Phase Exit Criteria

a. Objective: Verify satisfactory completion of Maintenance Phase work.

(1) Availability work certified by RMC

(2) Successful completion of all events in READ-E 4.

(3) Basic Phase Training Certification Plan submitted by ISIC, and approved by TYCOM.

### 403. Shakedown Phase

1. Focus. The focus of Shakedown Phase is to verify the ship's material condition is able to support Basic Phase Training. Shakedown Phase begins after successful completion of Contractor Sea Trials and ends after successful completion of TYCOM Sea Trials.

2. Expectations.

a. The end of the Shakedown Phase indicates the ship's readiness to commence Basic Phase training unencumbered by material deficiencies.

b. Material Readiness. The primary goal of Shakedown Phase is to ensure that all systems, including training systems, meet established material condition standards to support Basic Phase training and follow-on operational tasking.

c. C4I SOT shall be conducted during the third week of TSRA 4 per reference (c) to verify interoperability of C4I systems and identify issues for resolution to meet established material condition standards. C4I SOT will be scheduled by SPAWAR Fleet Readiness Directorate for unit-level ships and by PEO C4I PMW 750 for Force-level ships in coordination with ISIC and appropriate TYCOM N6.

d. TYCOM C5I Integration Process (TCIP). TCIP is a CNSP/CNSL joint stakeholder effort, designed to increase the ship's ability to be fully C5I capable as they transition from the Maintenance Phase to Basic Phase. The ultimate goal of TCIP is to provide the ISIC and Commanding Officer a more robust and effective light-off and alignment process, coupled with a comprehensive integrated testing that demonstrates C5I suite functionality and inter-operability to support Basic and Integrated/Advanced Phase operations. TCIP will take place once per OFRP and will begin at A-240 and conclude at Readiness Evaluation 5. TCIP will monitor combat systems light-off and SOVTs and coordinate/provide oversight to bring together each stakeholder to for a "single voice" from TYCOM on C5I readiness. TCIP will de-conflict external efforts (PEO/ISEA, ATG, IWTG, RMC, etc.) and redundant assessments to execute a consolidated interoperability test plan; ensure readiness for TYCOM Sea Trials; CSOSS alignment/light-off; start-up maintenance; situational maintenance and analysis of data collected.

e. Underway Replenishment (UNREP) Guidance. Following a CNO Availability, ships will not conduct an UNREP during Contractor Sea Trials. Ships are required to refuel inport until they have re-established the minimum level of seamanship proficiency. The first opportunity ships have to conduct a live UNREP is during TYCOM Sea Trials. Prior to conducting a live UNREP, ships will need to conduct:

(1) All requirements for a ship that has been inport for 90 days or greater per reference (d).

(a) ISIC NSST Watch Team Evaluation and Navigation Assessment

(b) ISIC Underway Navigation Check Ride

(2) A NSST UNREP Special Evolutions Training (SET) within 45 days of executing the first underway UNREP

Note: Ships should conduct the NSST UNREP SET with the team that will conduct the first live UNREP.

(3) All inport ATG led classroom training.

Note: ATG must be onboard during first live UNREP execution.

3. Nominal Duration. Shakedown Phase is nominally scheduled for 4 weeks.

4. Readiness Evaluations, Assessments, Certifications and Inspections. The Shakedown Phase consists of one event – READ-E 5.

a. The READ-E 5 will be conducted during the Shakedown Phase per Chapter 6.

5. Shakedown Phase Exit Criteria

a. Objective: Ready to enter Basic Phase

b. Overall

(1) Satisfactory completion of all events in READ-E 5

(2) Ships must maintain capability and proficiency across the PESTO pillars in 3M, AT, CYBER, EXPSAF, FSO-M, MOB-D, and SUP.

c. Personnel Pillar Exit Criteria

(1) Fill: Requirement set per USFFC MCAF directive.

(2) Fit: Requirement set per USFFC MCAF directive.

(3) Critical NEC: Requirement set per USFFC MCAF directive.

(4) Critical schools: per Chapter 3

d. Equipment Pillar Exit Criteria

- (1) Satisfactory completion of TYCOM Sea Trials
- (2) Satisfactory completion of material checks
- (3) Successful completion of Post-Availability TSRA.

e. Supply Pillar Exit Criteria

(1) Integrated Logistics Support (ILS) elements (e.g., repair parts, Maintenance Assist Modules (MAM), PMS, Test Equipment, Training and Tech Manuals) delivered for newly-installed, upgraded, or modified equipment.

(2) Supply IT systems updated and online (R-Supply, Food Service Management (FSM), Retail Operations Management (ROM), Automated Military Postal System (AMPS), Continuous Monitoring Program (CMP), Hazardous Information Control System Windows (HICSWIN)), Navy Financial Reporting System, Navy Cash, Financial Audit Compliance Enhancement Tool (FACET), and Integrated Barcode System (IBS).

(3) All required repair parts are stored onboard or on order

(4) Shelf Life items inspected and Shelf Life program established for periodic review

(5) All major equipment must be operational (e.g., APC System, Gaylord, Navy Cash, etc.) (See ATG Toolbox (<https://atg.ncdc.navy.mil/toolbox/private/index.htm>) for specific divisional requirements.).

f. Training Pillar Exit Criteria

(1) The R-ADM application is established as the primary onboard personnel management system, if installed.

(2) Required watch teams manned as needed to complete CEs during Basic Phase

(3) All mission area administrative reviews complete

(4) All ASA checksheets completed within the past 3 months

(5) SBTT COI complete

(6) Training Teams identified per Chapter 3.

g. Ordnance Pillar Exit Criteria

(1) Satisfactory completion of Magazine and Magazine Sprinkler Assessment conducted by appropriate RMC; ADCON ISIC certification message or letter filed in the Combat Systems Smooth Log

(2) Explosives Handling qualification/certification program compliant for all family groups of ammunition

(3) Ammunition onboard to support AT requirements as well as Basic and Advanced Phase training requirements

(4) Ammunition IT systems updated and online (OIS)

(5) All magazines able to be secured and Intrusion Detection Systems (IDS) fully operational

(6) Weapons elevators and/or hoists fully operable; certifications within periodicity per applicable NSTMs

(7) Ordnance Handling Equipment (OHE) and Material Handling Equipment (MHE) certifications within periodicity

(8) Letters of designation signed per NAVSUP P-724, OPNAVINST 5530.13 (Series), and OPNAVINST 8023.24 (Series).

**404. Basic Phase**

1. Focus. A ship in Basic Phase trains and certifies in all mission areas and is able to perform operations as a unit. Basic Phase begins after a ship achieves Shakedown Phase exit criteria. Shipboard training teams will also be trained during Basic Phase. Upon completion of all mission area and training team certifications, the TYCOM will report Basic Phase Completion and the ship will transition to the Advanced Phase.

2. Expectations.

a. Preparation for Basic Phase Training. All watchstanders will be familiar with relevant governing documents prior to the start of Basic Phase training. This may include:

(1) Standing Orders

(2) Battle Orders

(3) Applicable ship's bills

(4) Applicable directives from higher authority (e.g. Surface Ship Navigation Department Organization and Regulations Manual (NAVDORM), Anti-Submarine Warfare Commander (ASWC), Ballistic Missile Defense Certification (BMDC), etc.)

(5) Applicable Naval Ships' Technical Manual (NSTM)

(6) Applicable Navy Tactical Reference Publications (NTRPs), Navy Tactical Techniques and Procedures (NTTPs) and Naval Warfare Publications (NWP)

(7) Applicable Navy-Wide Standing Operational Tasking (OPTASK)

(8) Applicable Fleet Standing Intentions

(9) Combat System Operational Sequencing System (CSOSS)

(10) Engineering Operational Sequencing System (EOSS)

(11) Applicable system and class Tactical Memorandums (TACMEMOS)

b. Demonstrated Proficiency. All Basic Phase training qualification events will be completed with the required passing score prior to advancing to Group Tactical (Advanced Phase) training.

c. Mission area certification requirements are contained in Chapter 5. References (a) and (b), as applicable, will contain specific mission area training and assessment execution guidance. All CEs completed during Basic Phase must be assessed by ATG or its designated representative. Mission area certification requires the ship to accomplish all CEs with a score of 80%. CEs must be conducted by permanently assigned shipboard personnel or by TYCOM approved/assigned Temporary Additional Duty (TEMADD) personnel. TEMADD personnel completing CEs must remain onboard until the permanently assigned shipboard personnel arrive onboard. If the relieved TEMADD held a critical watch position that is specified in Chapter 5, the ship must conduct an ISIC validation per Chapter 5 upon arrival of permanently assigned personnel to maintain certification.

d. Policy Exceptions. ATG or the designated training representative uses User Guides to delineate the ship's equipment and personnel requirements to complete each training and certification event. In the event that the requirements of the applicable section of the User Guides for a particular mission area cannot be met, the ISIC, with ATG's or its designated representative's concurrence, may recommend a policy exception to the TYCOM.

(1) In cases where a ship does not meet requirements for minimum equipment, manning, schools, or other requirement, ATG, or its designated representative, has the authority to authorize that ship to proceed with further training in that mission area.

(2) If ATG or its designated representative assesses that proceeding to the next event of Basic Phase training continuum in that mission area will affect the training value and ultimately crew mission area proficiency, but the ship and ISIC still desire to proceed with training, then the ship will send a policy exception request via naval message to TYCOM via the ISIC and ATG for adjudication.

(3) All manning, material, and school deficiencies will be documented by ATG in the End of Mission Report for each event of Basic Phase training continuum in that mission area. Any deficiencies still pending after completion of any mission area certification event will be annotated and reported via a Basic Phase Training Completion Report message to TYCOM for adjudication as to whether the ship merits certification.

e. Training and Operational Readiness Information Services (TORIS). TORIS assists TYCOM/ISIC/ATG in tracking mission area status through completion of mission area training certification criteria. It is important that ships report their exercise accomplishments in a timely and accurate manner by regularly updating TORIS, which feeds into Defense Readiness Reporting System-Navy (DRRS-N). Additional details regarding TORIS capability and use are contained in Appendix D.

### 3. Basic Phase Supporting Events.

a. Mariner Skills Week (MSW). To improve the MOB-N/S training continuum, Mariner Skills Week facilitates a comprehensive, team-oriented approach to Navigation and Seamanship training and certification. During MSW, MOB-N/S training and assessments are run in parallel, and events are combined where applicable. MOB-N and MOB-S certification and sustainment requirements are outlined in Chapter 5.

b. Bridge Resource Management Workshop (BRMW). BRMW is conducted with a team notionally comprised of a Post-Major Command (PMC) O-6 team as CO Advisor lead alongside 2 Strategic Sealift Officers (SSOs) and a Command Qualified Post-DH SWO who observe and train the Bridge and CIC watchteams on implementation of Bridge Resource Management underway. SSOs bring a merchant mariner perspective with years of experience driving ships. All BRMW review and feedback of the watchteams remain within the lifelines and is reported to the CO. There is not a specific agenda or timeline to follow. Most of the training is designed to be informal, but the SSOs are prepared to provide more organized briefs if desired or if time allows. The goal is to provide training in place with the tools the team uses every day to improve their skills as Bridge and CIC watchstanders.



(1) BRMW will be conducted in conjunction with MSW, if schedule permits. Due to potential complications in SSO scheduling, BRMW may take place later in Basic Phase. Notionally, BRMW will be scheduled in conjunction with the practice/training MSW week at the beginning of Basic Phase. If the opportunity exists, ships may schedule additional BRMWs at any time in the OFRP.

(2) Commanding Officer (CO) Advisors. CO Advisors are hand-selected Post-Major Commanders (PMC) O-6s. Following BRMW week, advisors will remain as the CO's enduring maritime skills advisor for the remainder of their afloat tour. CO Advisors will:

- (a) Assess daily performance and how the ship manages operational risk.
- (b) Train leadership and crew on the six common factors of a mishap:
- (c) Introduce operational fundamental tools and organizational drift tools.
- (d) Assess recently implemented policies and principles such as crew endurance and fatigue management, circadian rhythm, risk identification and mitigation, and near miss reporting.
- (e) Provide direct feedback to COs.
- (f) Provide feedback to TYCOM on effectiveness and sustainability of SURFOR maritime skills policies.

c. Basic Phase Final Battle Problem (FBP). To get ships ready for Advanced and Integrated training and begin Integrated Training Team (ITT) events, at the completion of Basic Phase, a ship-wide battle problem, coordinated and executed by ATG and ship ITT, will deliberately train units under stressful and fatigue-inducing conditions, contributing to the building of Sailor toughness onboard Surface Forces. Notionally, the FBP will last two to three days and include a complex ITT scenario. SMWDC may provide an observer to watch this exercise. The goal of the observer is to help SMWDC develop a tailored training plan for the ship as it progresses into the Advanced Phase of the FRTP. The exercise will be scored, but it will not be graded as a "pass/fail" event. The goal is to safely push the crew to perform under the complex and difficult circumstances our Navy expects to encounter in a Peer/Near Peer conflict.

4. Nominal Duration. The nominal Basic Phase duration is 168 days (175 days for BMD units), FDNF Basic Phase lengths are annotated in section 407.

5. Readiness Evaluations, Assessments, Certifications and Inspections. The READ-E 6 will notionally be completed during Basic Phase per Chapter 6.

6. Advanced Warfare Training (AWT). AWT consists of USW, AW/SW, and BMD (for those configured) courses of instruction for CRUDES and AMPHIBs equipped with Ship Self Defense System (SSDS). A Deck Self-Assessment and Groom Training (SAGT) will be conducted by CSCS for all ships prior to or during Basic Phase to support MOB-S certification requirements.

a. AWT scheduling will be arranged through ATG with ship concurrence per references (a) and (b). If a ship's Basic Phase timeline is unable to support, or if the ship certifies applicable Tier 2 mission areas prior to conducting the AWT event, ATG has the authority to delay/waive a SAGT and AWT event. If a ship does not complete a given AWT on the first attempt during Basic Phase, a remediation event will be conducted. CSCS or PMS 339 (Deck SAGTs) will provide after action reports to ATG upon completion of any event via message traffic to allow for tailored training to be conducted. This will include any discrepancies that prevent TYCOM certification. At a minimum, after action reports will include the following:

- (1) Watch Bill
- (2) Names of all personnel trained (and watchstations as applicable)
- (3) CSCS assessed level of proficiency of watch team and watchstander
- (4) CSCS recommendations for follow-on training for watch teams and watchstanders

b. AWT is a three-phase process:

(1) Phase I - Self-Assessment and Groom Training (SAGT). SAGT focuses on system maintenance and alignment of combat systems per CSOSS, Planned Maintenance System (PMS), and technical publication guidance. SAGTs may be requested at anytime during the OFRP.

(a) SAGTs include courses of instruction for Auxiliary (AUX); ASW; SPY, Command, Control, Communications, Computers, and Intelligence (C4I); Navigation Systems (NAV); AEGIS Computer and Network Technician (ACNT); Embedded Training Systems (ETS); Vertical Launch System (VLS); and Surface Vessel Torpedo Tube (SVTT). The sequencing of SAGTs can be modified through agreement between the ship, ATG, and CSCS. Events are designed to be completed in a 5-day week, however maximum flexibility will be considered when scheduling during 4-day or shorter weeks caused by holidays or underway periods.

(2) Phase II - Individual Operator Training (AW/SW). AWT Phase II consists of classroom instruction and laboratory training and will focus on basic watch stander skills.

(3) Phase III - Team Skills Training (AW/SW). AWT Phase III consists of advanced planning and operational procedures and employment of the ship's weapons in challenging CONPLAN/OPLAN based scenarios.

7. Basic Phase Exit Criteria

a. Objective: Ready to enter Advanced Phase

b. Personnel Pillar Exit Criteria

(1) Fill: Requirement set per USFFC MCAF directive.

(2) Fit: Requirement set per USFFC MCAF directive.

(3) Critical NEC: Requirement set per USFFC MCAF directive.

(4) Critical Schools: per Chapter 3.

c. Equipment Pillar Exit Criteria

(1) Achieve and maintain equipment readiness as required to conduct Advanced and Integrated Phase training and operations.

(2) Completion of READ-E 6 (if applicable)

d. Supply Pillar Exit Criteria

(1) Supply Management Certification (SMC) within 36-month periodicity

e. Training Pillar Exit Criteria

(1) Achieve all applicable mission area and training team certifications by passing all CEs with a grade of 80% or higher resulting in an overall TORIS Mission Area FOM score of 80% or higher.

(2) All critical schools scheduled to be completed prior to Integrated Phase completion.

f. Ordnance Pillar Exit Criteria

(1) EXPSAF Certification, completed by ATG/OHSAT, within 36-month periodicity

(2) Ammunition onboard to support AT requirements plus all Advanced Phase training requirements

(3) Shipboard Explosive Safety Inspections (SESI) scheduled to occur during the Integrated Phase.

#### **405. Advanced Phase**

1. Focus. The focus of Advanced Phase is to progress individual unit warfare skill sets through multi-unit tactical warfare training.

2. Expectations. Each unit will complete advanced-level exercises focused on multi-unit level tactics in preparation for the Integrated Phase.

3. Nominal Duration. The Advanced Phase nominal duration is per reference (n).

4. Training, Readiness Evaluations, Assessments, Certifications and Inspections.

a. To build tactical proficiency and prepare Surface Force ships for deployment certification, SMWDC with support from NIWDC, will plan and execute Surface Warfare Advanced Tactical Training (SWATT). This is a multi-ship, multi-platform, multi-warfare event that will consist of 5 days (CRUDES)/4 days (AMPHIBS)/3 days (MCMs) inport for academic and fleet synthetic training and 16 days (CRUDES)/10 days (AMPHIBS)/7 days (MCMs) underway for advanced tactical training, using the Plan, Brief, Execute, Debrief (PBED) methodology as the foundation to implement High-Velocity Learning (HVL) during the Advanced Phase. Advanced Phase academics include unit tactical mission area watch team COIs for FADO, SCC, AMDC, and IADC.

b. CSG Group Sail. CSG-4/15 will run a 10-day underway assessed event immediately following the CRUDES SWATT to integrate the aircraft carrier and all Warfare Commanders into a multi-ship, multi-platform, and multi-warfare environment in preparation for a high-end (peer competitor) Composite Training Unit Exercise (COMPTUEX) scenario.

5. Advanced Phase Exit Criteria

a. Objective: Ready to enter Integrated Phase.

b. Personnel Pillar Exit Criteria

(1) Fill: Requirement set per USFF MCAF directive.

(2) Fit: Requirement set per USFF MCAF directive.

(3) Critical NEC: Requirement set per USFF MCAF directive.

(4) Critical schools: per Chapter 3.

c. Equipment Pillar Exit Criteria

(1) Achieve and maintain equipment readiness as required to conduct Integrated Phase training and operations.

d. Supply Pillar Exit Criteria

(1) Supply Management Certification (SMC) within 36-month periodicity

(2) All major equipment must be operational (e.g., APC System, Gaylord, Navy Cash, etc.) (See ATG Toolbox (<https://atg.ncdc.navy.mil/toolbox/private/index.htm>) for specific divisional requirements.)

e. Training Pillar Exit Criteria

(1) TORIS Mission Area FOM must be maintained at 80% or greater in all applicable mission areas during this phase.

f. Ordnance Pillar Exit Criteria

(1) EXPSAF Certification within 36-month periodicity

(2) Ammunition onboard to support AT requirements plus all Integrated Phase training requirements

## **406. Integrated Phase**

### **1. Focus**

a. Integrated Phase. The focus of Integrated Phase is to combine individual unit warfare skill sets into a single cohesive strike group, ARG, or mission-oriented deployable unit capable of operating within a challenging, multi-warfare, joint, multinational and interagency environment, and to assume tactical leadership role as a Task Force Commander, Task Unit Commander, or Warfare Commander.

b. Material Readiness. Ships will complete an INSURV MI or TYCOM MCI during each OFRP to reinforce standards compliance and confidently provide operational commanders with ships that are materially ready to perform operational tasking. The INSURV MI or TYCOM

MCI will be scheduled where it best fits for an individual ship in either Integrated or Sustainment Phase.

2. Expectations. Attain appropriate certification and meet TORIS Mission Area FOM of 80% in all tactical mission areas. Integrated Phase will include Unit Level Advanced Certification Events that will serve to build additional unit tactical mission area skills in addition to USFFC/CPF/C2F/C3F/C5F/C6F/C7F requirements. At the conclusion of Integrated Phase, USFFC/CPF/C2F/C3F/C5F/C6F/C7F (as applicable) with CNSP/CNSL recommendation will grant Deployment Certification per reference (e). Each unit will also complete READ-E 7 during this phase if the ship is conducting an INSURV MI.

3. Nominal Duration. The Integrated Phase nominal duration is per reference (n).

4. Readiness Evaluations, Assessments, Certifications and Inspections. Throughout Integrated Phase, various evaluations, assessments, certifications and inspections are to be conducted to reinforce standards compliance. Events that require significant coordination are outlined below; additional events are listed in Appendix B.

a. Integrated Phase training synthesizes unit tactical skills into cohesive teams capable of delivering in challenging warfare situations. Each event builds upon the last, not unlike the approach taken in Mobility and Tactical training. Key at-sea and classroom training events conducted in the Integrated Phase as well as specific events identified in applicable Operational Orders (OPORDS) are:

(1) Warfare Commanders Course(s) (WCC)

(2) Navy Undersea Warfare Training and Assessment Course (NUWTAC) Phase I, Phase II, and Phase III

(3) Warfare Commander Course II

(4) Fleet Synthetic Training – Warfare Commander / Group Commander / Joint / Fleet (FST-WC / FST-GC / FST-J / FST-F)

(5) Force Protection Exercise (FPEX)

(6) Amphibious Squadron (PHIBRON)– Marine Expeditionary Unit (MEU) Integration Training (PMINT)

(7) ARG / MEU Exercise (ARG/MEU-EX)

(8) COMPTUEX

b. The READ-E 7 will be conducted during the Integrated Phase per Chapter 6, if scheduled for an INSURV MI.

5. Integrated Phase Exit Criteria

a. Objective: Ready to enter Sustainment Phase; attain Deployment Certification per reference (e).

b. Personnel Pillar Exit Criteria

- (1) Fill: Requirement set per USFFC MCAF directive.
- (2) Fit: Requirement set per USFFC MCAF directive.
- (3) Critical NEC: Requirement set per USFFC MCAF directive.
- (4) Meet all Personnel Redlines (see reference (f))
- (5) 100% critical schools onboard

c. Equipment Pillar Exit Criteria

(1) Achieve and maintain equipment readiness as required to conduct Sustainment Phase operations.

(2) Complete READ-E 7 TYCOM MI SOE Rehearsal, if scheduled for an INSURV MI. ISICs can request TYCOM conduct a READ-E 7 on non-MI ships.

(3) Completion of Pre-Deployment TSRA and, if applicable, BMDRA.

d. Supply Pillar Exit Criteria

(1) Supply Management Certification (SMC) within 36-month periodicity

(2) Sustainment (e.g., spares, consumables, provisions, etc.) load out and stowage plans established and promulgated. Sustainment levels will be at/exceeding TYCOM and/or Fleet Commander operational requirements:

(a) Coordinated Shipboard Allowance List (COSAL) Range/Depth 95%/90% (Unit Level) and 93%/90% (Force Level)

(b) Aviation Validation Consolidated Allowance Listing (AVCAL) Range/Depth 95%/93% (Force level)

(c) Provisions and retail services endurance levels meet TYCOM and FLEET requirements.

(3) Field Examination Group (FEG) audit within periodicity. This is a surprise inspection conducted approximately every 15 months.

e. Training Pillar Exit Criteria

(1) TORIS Mission Area FOM must be maintained at 80% or greater in all applicable mission areas during this phase.

(2) Maintain mission area certifications

f. Ordnance Pillar Exit Criteria

(1) EXPSAF Certification within 36-month periodicity and Shipboard Explosives Safety Inspection (SESI) complete.

(2) 100% shipfill to supports AT requirements and all deployment requirements

#### **407. OFRP Variations**

1. Purpose. This section covers the range of variations to the OFRP model and, where applicable, cites their alternative governing readiness instructions. TYCOM may adjust any ship's readiness model to meet operational requirements.

2. Variations due to Forward Deployed Naval Forces (FDNF) Status.

a. To improve maintenance availability planning, document material condition in the CSMP, repair equipment, and provide over-the-shoulder training to ship's force maintenance personnel, FDNF ships will not conduct specified TSRA events identified in Figure 4-1. Instead, they will conduct TSRA events identified in the following geographic specific sections.

b. FDNF forces are continuously deployed, whereby required inspections, certifications, assist visits, and resource readiness requirements are conducted on a repetitive cycle to ensure proficiency and readiness for forward deployed operations do not atrophy. To maintain necessary training flexibility, not all mission area certifications will expire when the ship enters an extended maintenance period. As a result, ships, ISICs and ATG will sequence the prescribed training, assessments and evaluations (listed in Appendix B), to the ship's operational and maintenance schedules to re-certify each mission area at an interval defined in the following geographic specific sections.



c. Depending on the ship's/crew's proficiency, individual mission area certifications may require a full series of training and assessments, or may only require minimal training followed by certification. Variation information and guidance is listed in the following geographic-specific sections.

(1) **FDNF-Japan (FDNF-J)**. COMPACFLT, C7F, and CNSP developed a deliberate change to the FDNF-J force generation model based on lessons learned and operational tempo (OPTEMPO). Frequent tasking in support of national objectives requires FDNF-J ships are prepared to execute complex missions. This demand for operational readiness must be balanced against the need for FDNF-J ships to attain required levels of training and material readiness.

(a) Mission area training certifications interval - not to exceed 36 months. The 36-month certification interval will take effect, for each mission area that is certified on or after the date of this instruction signing. All ships will remain on their current periodicity until successful completion of the next mission area certification and then the periodicity will be reset to 36 months.

(b) Training execution:

1. Per reference (g), Commander, Naval Surface Group Western Pacific (CNSGWP) was established to maintain a balance between operations, maintenance, and training of FDNF-J ships. CNSGWP is delegated authority from CNSP for TYCOM-level oversight of FDNF-J ships for material readiness, training, and Basic Phase completion, to include granting individual mission area certifications, training policy exception approval, TEMADD approval, cannibalization approval, and CV approval. ATGPAC, via ATGWESTPAC, supports FDNF-J ships by conducting the training and certification events as scheduled between the ship, ATGWP, and CNSGWP using the post-CNO availability models identified in reference (g). If time is not available to complete a Basic Phase in a mission area due to ship's operational schedule and lack of a post-CNO availability training period, ships may request to CNSGWP, via their ADCON ISIC, permission to conduct a CV. Successful completion of the CV can extend the mission area certification up to an additional 36 months from completion of the CV. If a CV for a mission area is assessed below minimum standards (e.g. below 80% on selected CEs or REs) by ATGWP or its designated representative, the certification will not be extended and will require a full Basic Phase in that mission area. A ship cannot conduct two consecutive CVs, nor can it conduct a CV on an expired certification. An LTT will be required prior to the execution of any CV in order to allow ATGWP to make recommendations to CNSGWP on tailoring the CV requirements based on ATGWP's assessment of the ship's proficiency in the applicable mission area.

2. FDNF-J Certification Process. Upon completion of Basic Phase, CNSGWP will forward a Basic Training Phase Certification (BTPC) message to CNSP. When ships enter a

CNO Availability, specified Tier 1 and/or Tier 1 and 2 certifications are reset and the certification process will be completed during the subsequent training phase as follows:

a. FDNF-J ships will have an 18-week training period following SRA to complete required certifications (MOB-A, MOB-D, MOB-E, MOB-N, MOB-S, and COMMS) complete Tier 2 BMD (for those configured), AW, SW, USW, and STW-CMTQ certifications; and must remain current in certifications for all other warfare areas.

i. Upon completion of a Surface Incremental Availability (SIA), ships will commence a 14-day training period to conduct an ISIC Navigation Assessment and Commanding Officer's training time. ATGWP will provide tailored training as determined necessary by CNSGWP and the ship's CO.

3. Training extensions require joint CNSP and C7F concurrence/non-concurrence with exceptions adjudicated by COMPACFLT. Every effort will be made to complete required live fire events within the training period. Due to a lack of organic resources in FDNF-J, ships may take credit for AW/SW live fire CEs during Group/Multi-sail or other equivalent exercises outside Basic Phase with ATG assessors onboard.

4. Upon completion of Basic Phase, CNSP will certify (by message) that ships are Basic Phase complete (BTPC).

a. The 18-week Basic Phase training weeks should not be counted concurrently with ammunition onload, TSRAs, SOTs, RADAR MATs, BMDRAs, FST preparation and execution, CMAVs, Group/Multi-Sails, or Fleet-directed port visits or tasking.

b. When the aforementioned events are executed, a week-for-week shift of the training period entitlement will be added. Additionally, training periods will not be scheduled during the last full week of November or the first and last weeks of the calendar year.

5. CNSGWP will ensure completion of the remaining Tier 1 and Tier 2 certifications through the 36-month FDNF-J Optimized Fleet Response Plan (OFRP). All certifications for this 36-month OFRP will be completed.

6. Certifications may be granted with caveats, normally related to personnel or equipment shortfalls which prevents a ship from meeting all CE requirements for certification. These caveats, if deemed not impacting the ship's ability to meet operational tasking in the execution of that warfare and all other certification requirements being met, will result in certification being granted by CNSP with caveats documented in the mission area watch team training completion report per Appendix E Sample 9.

(d) FDNF-J Responsibilities:

1. Ships will:

a. Send accurate and timely READ-E 1 messages (No Earlier Than (NET) 45 days prior and No Later Than (NLT) 15 days prior to the execution of READ-E 3) using the format provided in Appendix E.

b. Track certifications and coordinate with their Operational ISIC and CNSGWP to ensure the ship's schedule supports recertification within periodicities outlined in this document.

c. Coordinate with ISICs and CNSGWP to schedule live services, ranges, and allocate ammunition to conduct required READ-E 3 and certification events.

d. All FDNF-J Surface Force ships will conduct SWATT with the exception of LCC-19.

2. ISICs will:

a. Ensure ship certifications are scheduled and conducted before the 36-month expiration.

b. Schedule live services, ranges, and allocate ammunition to conduct required training events.

c. Submit Basic Phase Training Certification Plans

3. ATGWP will:

a. Attend Fleet schedule conferences and brief schedule and proficiency concerns.

b. Review Basic Phase Training Certification Plans

c. Submit Mission Area Training Completion Report to CNSGWP.

d. Submit Basic Phase Training Completion Report to CNSGWP.

e. Review CV requests and provide recommendation to CNSGWP on requirements and approval based on assessed level of proficiency of the ship making the request.

f. Provide support to CNSGWP in the execution of READ-E 3s by executing LOKs and comprehensive assessments.

g. Make the determination to conduct a single mission area certification event outside of the FST-U, if determined necessary.

4. CNSGWP will:

a. Approve all changes to Basic Phase Training Certification Plans, as well as required changes throughout Basic Phase. If the necessary changes require certifications after the allotted 18 training weeks, the Operational ISIC and CNSGWP will request approval from CNSP and C7F to adjust the Basic Phase completion date, or grant permission to complete the certification after the original date on a case by case basis.

b. Submit Basic Training Phase Completion Report to TYCOM.

c. Approve mission area certifications, policy exceptions, and CV requests, as TYCOM EA.

d. Ensure Combat Systems Ship Qualification Trials (CSSQT), as determined by NAVSEA, will occur for FDNF-J ships before the commencement of Basic Phase entitlement. Completion of CSSQT requirements shall not result in truncation of Basic Phase without TYCOM approval.

(e) TSRA guidance:

1. MCM ships will conduct FDNF MCM TSRA. This TSRA is a two-week assessment tailored to optimize the OPTEMPO of FDNF MCM ships. MCM ships will receive this TSRA once between CNO availabilities. This TSRA covers all of the equipment checks that do not require an industrial environment to be completed.

2. All other ship classes will conduct three TSRA events:

a. A one to two week FDNF-J Pre-Availability Lock TSRA to support availability planning

b. A two week FDNF-J Pre-Deployment TSRA

c. A BMDRA to support operational readiness (where applicable).

(f) READ-E guidance:

1. READ-E 1, 3, (combined 4/5), 6, and 7 will be conducted on FDNF-J ships. Additionally, ships will receive a TYCOM MCI or INSURV MI once per cycle.

**(2) FDNF-Europe (FDNF-E)**

(a) Mission area training certifications interval - not to exceed 32 months for BMD ships. For LCC-20, mission area training periodicity will be determined by TYCOM and CDS 60 based on operational and maintenance availability schedules.

(b) Training execution: ATGLANT supports FDNF-E ships.

1. BMD Ships. Basic Phase certifications will be sequenced and conducted through ATG or the designated representative mobile training team visits, and when applicable, the United Kingdom Royal Navy's Flag Officer Sea Training (FOST). Any mission area assessed below minimum standards will require remedial training from ATG. Ships will report to United States Fleet Forces (USFF) and CNSL, via Commander, Destroyer Squadron (CDS) 60 and info ATGLANT. If conducting a BMDQ in conjunction with an intermediate or advanced level BMDEX event, ATG representatives will attend the BMDEX event. ATG will define objectives and conduct detailed planning to ensure all unit-level BMDQ objectives are identified per reference (m).

2. LCC-20. Basic Phase certifications will be sequenced and conducted as ship's operational schedule permits.

3. Under USFF/CNE MOA, CSG-4 provides mentoring, training, and assessment support to C6F's deployment certification of FDNF-E ships. Due to training resource constraints in C6F Area of Responsibility (AOR), the following changes are authorized for FDNF-E ships.

a. AW Mission Area: Action: Delete Notes 1 and 4 (Inport and Synthetic requirements) from CE03, CE04, CE05, CE06, and CE07, and all amplification requirements to use the Battle Lab.

b. EW Mission Area: Action: Delete Notes 1 and 4 (Inport and Synthetic) for CE03.

c. MOB-S Mission Area: Action: Relax CE08 Emergency Towing requirement to enable FDNF-E ship to tow FOST range assets vice DDG-like ship.

d. SW Mission Area: Action: Delete Notes 1 and 4 (Inport and Synthetic) from CE03, CE04, CE05, CE06, CE07, CE08, and CE09, and all amplification requirements to use the Battle Lab.

e. USW Mission Area: Action: Delete Note 5; add Note 6 to RE-09 (Live A/C Exercise) to allow use of synthetic helo.

f. Anti-Submarine Warfare Certification. ASW Certification intent for FDNF-E ships is to complete ASWC certification requirements enroute to FOST, due to FOST waterspace operations.

4. Delete use of live helo services and instrumented range during USW training events to include SSRNM.

5. Requirement to conduct and debrief off-ship data reconstruction prior to commencement of the USW certification event is deferred. Consolidated completion message will be sent after certification event and data reconstruction will be conducted at first opportunity.

(c) TSRA guidance:

1. BMD Ships in Rota will conduct FDNF-Rota TSRA. This TSRA event is two separate two-week events conducted to maximize efforts to identify and document material condition discrepancies for the next CNO Availability.

a. FDNF-Rota TSRA A is a two-week inport HM&E focused material condition assessment. This TSRA is conducted during the first CMAV after the CNO Availability.

b. FDNF-Rota TSRA B is a two-week inport C5I focused material condition assessment. This TSRA is conducted during the second CMAV after the CNO Availability.

2. LCC-20 is excluded from the TSRA program.

(d) READ-E guidance:

1. BMD Ships in Rota will conduct a READ-E 1, 5, 6, and 7. Additionally, they will receive a TYCOM MCI or INSURV MI once per cycle.

2. LCC-20. CNSL may provide limited assistance (by request) for areas CNSL maintains TYCOM responsibilities.

**(3) FDNF-CENTCOM (FDNF-C)**

(a) Mission area training certifications interval - not to exceed 24 months.

(b) Training execution:

1. PCs. CNSS-5, as periodically validated by ATGLANT, serves as the executive agent for training and manages the sequencing and conduct of Basic Phase certifications for PC ships assigned to CENTCOM. Reference (h) contains the complete readiness policy for these ships. Due to the unique training requirements for PC crews with regards to the employment of the Griffin Missile System, AE 07 was added to SW mission area and is required to be executed annually (based on crew turnover). Completion of AE 07 will be annotated in the Commander's Comments in DRRS-N.

2. MCMs. ATGLANT conducts training and manages the sequencing and conduct of Basic Phase certifications for MCM ships assigned to CENTCOM with the exception of the MIW mission area training which is accomplished by ATGPAC. MCMs will conduct a SWATT.

(c) TSRA guidance. PC and MCM ships will conduct FDNF PC/MCM TSRA. This TSRA is a two-week assessment tailored to optimize the OPTEMPO of FDNF PC and MCM ships. This event is provided every six months. For additional PC specific guidance, reference (i) contains the readiness policy for these ships.

(d) READ-E guidance:

1. PCs. READ-E execution is contained in reference (h).

2. MCMs. READ-E 1, 3, 4, 5, 6, and 7 will be conducted on FDNF-C MCMs. READ-E 3 may be conducted by TYCOM, but will otherwise be conducted by the ISIC. READ-E 4 will be conducted when a major maintenance period exceeds 90 days. READ-E 7 will be conducted as deemed necessary and as directed by CNSL.

### 3. Variations due to Projected Operational Environment

a. PC class ships homeported in Mayport, Florida, complete required Basic Phase certifications predominantly per this instruction. They do so outside of the notional 36-month OFRP cycle, and due to limited mission areas, are allocated 19 unencumbered Basic Phase training weeks. Following Basic Phase, Mayport PCs transition to a non-standard and mission-specific Independent Deployment Certification process. Reference (i) refers.

b. MCM class ships homeported in San Diego, California, complete a 36-month OFRP cycle.

(1) Training execution. MCMs are allocated 24 unencumbered Basic Phase training weeks. Following Basic Phase, San Diego MCMs transition to a non-standard and mission-specific Independent Deployment Certification process.

(2) READ-E guidance. MCMs will conduct all READ-E events with the exception of READ-E 1 and READ-E 7, which will be completed as applicable, and as directed by their ISIC.

(3) TSRA guidance. MCMs will only conduct FDNF MCM TSRA.

c. Test Ships.

(1) Test ships, such as those tasked in direct support of the Missile Defense Agency (MDA) and Navy Integrated Air and Missile Defense (IAMD) related Testing and Evaluation (T&E), do not execute the 36-month OFRP notional schedule outline in Figure 4-1.

(2) Mission area certifications will not expire when the ship enters an extended maintenance period. Instead, mission area certifications are set at a periodicity per the current testing memorandum of agreement.

(3) Ships, ISICs, and ATG will sequence the prescribed training, assessments, and evaluations, per Appendix B, with the ship's testing and maintenance schedules in order to maintain certification periodicity.

4. Variations due to Shortened Basic Phase. When a ship is not allotted sufficient time to complete a full Basic Phase, a tailored training plan will be established. This tailored plan will provide training in those mission areas assessed by the TYCOM and Fleet Commander as those required for operational tasking.

5. New Construction and Pre-Commissioning Unit (PCU) Training

a. Guidance and policy for new construction non-nuclear surface ships and surface pre-commission units (PCUs) are outlined in references (j) and (k).



## Chapter 5

### ***MISSION AREA CERTIFICATION CRITERIA***

- Ref:
- (a) Afloat Training Group Pacific User Guide
  - (b) Afloat Training Group Atlantic User Guide
  - (c) COMNAVSURFPAC/COMNAVSURFLANTINST 8820.2D, Ballistic Missile Defense Certification
  - (d) COMNAVSURFPAC/COMNAVSURFLANTINST 3530.4F, Surface Ship Navigation Department Organization and Regulations Manual
  - (e) COMNAVSURFPAC/COMNAVSURFLANTINST 8820.1B, Cruise Missile Qualification/Certification Program
  - (f) COMNAVSURFPAC/COMNAVSURFLANTINST 3361.2, Anti-Submarine Warfare Certification
  - (g) COMNAVAIRFOR/CNAVSURFORINST 1211.2A, Combat Air Controller Qualifications and Requirements

#### **500. Certification, Advanced, and Repetitive Exercises**

1. Ships are required to perform a variety of exercises throughout the OFRP to achieve certification and maintain proficiency. A detailed description of mission area references, grade sheets and exercises are located in references (a) and (b). Additional certification requirements for the BMD, MOB-N, STW-CMTQ, and USW mission areas are outlined in applicable references, (c) through (g). Each mission area is annotated with a list of applicable Navy Tactical Tasks (NTAs) that support each CE, RE, and AE. The three types of exercises are described below.

a. Certification Exercises (CEs). CEs are conducted in Basic Phase and are a prerequisite to mission area certification and Basic Phase completion. ATG or TYCOM designated external organizations will assess and grade the demonstration of these exercises.

b. Advanced Exercises (AEs). Ships conduct AEs during the Advanced and Integrated Phases following Basic Phase completion. Although ships may not be able to perform all AEs in a given mission area, to increase flexibility in scheduling, these exercises may be conducted at any time during the Advanced, Integrated, and Sustainment Phases.

c. Repetitive Exercises (REs). REs are conducted by ships following mission area Certification to maintain proficiency in each mission area. The ship will self-assess their ability to successfully demonstrate these exercises. To report the RE as successfully completed, the minimum score delineated in the applicable checksheet must be attained. RE proficiency must be maintained for 3M, AT, CYBER, EXPSAF, FSO-M, MOB-D, and SUP at all times including Maintenance Phase. These exercises are identified by an asterisk (\*) below the RE number in the left hand column.

**501. Ship Class Mission Area Alignment**

	Ship Class Mission Area Alignment																							
	3M	AMW	AT	AW	BMD	COMMS	CRY	CYBER	EW	EXPSAF	FSO-M	INT	MIW	MOB-A	MOB-D	MOB-E	MOB-N	MOB-S	SAR	STW	SUP	SW	USW	VBSS
CG - Ticonderoga BMD	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
CG - Ticonderoga non-BMD	X		X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
DDG - Arleigh Burke Flight I	X		X	X	X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
DDG - Arleigh Burke Flight I + CRY	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
DDG - Arleigh Burke Flt II/IIA*	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
DDG 1000 - Zumwalt	X		X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
LCC 19 - Blue Ridge	X		X	X		X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	
LCC 20 - Mount Whitney	X		X	X		X		X	X	X	X										X	X	X	
LHA 6/7 - America Flt I	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	
LHA 8 - America Flt II	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	
LHD 1 - Wasp	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	
LPD - San Antonio	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	X
LSD 41 - Whidbey Island	X	X	X	X		X		X	X	X	X	X		X	X	X	X	X	X		X	X	X	X
LSD 49 - Harpers Ferry	X	X	X	X		X		X	X	X	X	X		X	X	X	X	X	X		X	X	X	X
MCM - Avenger	X		X			X		X	X	X	X	X	X		X	X	X	X	X		X	X		
PC - Cyclone	X		X			X		X	X	X	X	X			X	X	X	X	X			X		X

\* BMD as applicable



**503. AMPHIBIOUS WARFARE (AMW)**

**NMTEL:**

**NTA 1.1.1.5: Conduct Ship-to-Shore Movement**

**NTA 1.1.2.3.5: Conduct Well Deck Operations**

**NTA 1.1.2.3.6: Control Landing Craft**

**NTA 5.1.1.1.2: Provide External Communications**

**LHA 6/7 (AMERICA FLT Is) are required to complete AMW CEs 01/10/11/15/16, REs 01/10/11/15/16, and AEs 02-08.**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Review AMW Administration	Per applicable mission area references	
02 *	Conduct Boat Hoisting/Lowering	Min 1 Watch Team	3
03	Conduct Well Deck Operations (LCU)	Min 1 Watch Team Requires 1 LCU	3
04	Conduct Well Deck Operations (LCAC)	Min 1 Watch Team Requires 1 LCAC	3
05	Conduct Well Deck Operations (AAV)	Min 1 Watch Team Requires 4 AAVs	3
06	Conduct Well Deck Operations (LARC V)	Min 1 Watch Team Requires 2 LARCs	3
07	Conduct Well Deck Operations (CRRC)	Min 1 Watch Team Requires 2 CRRCs	
08	Conduct Well Deck Cargo Handling	Min 1 Watch Team	
09	Conduct LCU Stern Gate Marriage	Min 1 Watch Team	1
10	Conduct Ship to Shore Movement (LCU/LARC)	Min 1 Watch Team Requires 1 LCU/LARC	3
11	Conduct Ship to Shore Movement (LCAC)	Min 1 Watch Team Requires 1 LCAC	2
12	Conduct Ship to Shore Movement (AAV)	Min 1 Watch Team Requires 4 AAV	3
13	Conduct Ballast/De-Ballast Operations	Min 1 Watch Team	3
14	Conduct Emergency LCAC Recovery	Min 1 Watch Team	2
15	Conduct Amphibious Assault Directional System	Min 1 Watch Team	3

NR	EXERCISE NAME	AMPLIFICATION	NOTES
16	Conduct Alongside Cargo Handling	Min 1 Watch Team	

**\* Ships can take credit for CE-02 if MOB-S CE-06/07 were conducted within the last 60 days.**

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01	Review ASA Checksheet		90	
02	Conduct Boat Hoisting/Lowering	Min 1 Watch Team	180	3
03	Conduct Well Deck Operations (LCU)	Min 1 Watch Team Requires 1 LCU	180	3
04	Conduct Well Deck Operations (LCAC)	Min 1 Watch Team Requires 1 LCAC	180	3
05	Conduct Well Deck Operations (AAV)	Min 1 Watch Team Requires 4 AAVs	365	3
06	Conduct Well Deck Operations (LARC V)	Min 1 Watch Team Requires 2 LARCs	365	3,6
07	Conduct Well Deck Operations (CRRC)	Min 1 Watch Team Requires 3 CRRCs	365	6
08	Conduct Well Deck Cargo Handling	Min 1 Watch Team	180	
09	Conduct LCU Stern Gate Marriage	Min 1 Watch Team	365	
10	Conduct Ship to Shore Movement (LCU/LARC)	Min 1 Watch Team Requires 1 LCU/LARC	180	3
11	Conduct Ship to Shore Movement (LCAC)	Min 1 Watch Team Requires 1 LCAC	180	2
12	Conduct Ship to Shore Movement (AAV)	Min 1 Watch Team Requires 4 AAVs	180	3
13	Conduct Ballast/De-Ballast Operations	Min 1 Watch Team	180	3
14	Conduct Emergency LCAC Recovery (Walkthrough)	Min 1 Watch Team	365	
15	Conduct Crane Cargo Handling	Min 1 Watch Team	180	
16	Conduct Amphibious Assault Directional System	Min 1 Watch Team	180	3

**Advanced Exercises (AEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Embark/Debark Troops	Train LHA/LHD/LPD/LSD personnel in loading/unloading cargo and personnel from the well deck.	5
02	Conduct Combat Flight Operations	Train in day and night flight operations during an amphibious assault in a simulated uncertain/hostile environment.	
03	Conduct Combat Flight Operations (EMCON)	Train in day and night EMCON silent flight operations during an amphibious assault in a simulated uncertain/hostile environment.	
04	Conduct Combat Flight Operations (NVD)	Train flight quarters personnel in the procedures for helicopter launch and recovery during shipboard NVD operations. Train personnel in proper light discipline when operating in an NVD environment.	
05	Conduct Combat Flight Operations (Instrument Approach – LHA/LHD Only)	Train AATCC/CIC personnel in the use of instrument approach procedures during IMC.	
06	Receive/Handle Combat Casualties (Helicopter)	Train personnel in receiving and handling casualties aboard ship by helicopters.	
07	Conduct Combat Assault A/C (TACC/AATCC)	Train and maintain proficiency of amphibious ATC personnel in controlling assault helicopters and fixed-wing aircraft during an amphibious assault.	
08	Conduct Aviation Ordnance Strike-Up (Only LHA, LHD, and LPD)	Train aviation ordnance personnel in the proper procedures for breakout, buildup and delivery on inert ordnance to the staging areas for air-launched weapons during an amphibious assault under simulated wartime conditions.	

COMNAVSURFPAC/  
 COMNAVSURFLANTINST 3502.7  
 1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	NOTES
09	Conduct Combat Ship-to-Shore (Surface)	Train LHA/LHD/LPD/LSD personnel in executing the landing plan per OPTASK AMPHIB, PCS intentions message, and applicable performance measures under NTA 1.1.1.5.	
10	Conduct Combat Ship-to-Shore EMCON (Surface)	Train boat control team in day and night EMCON silent surface ship to shore movement during an amphibious assault in a simulated uncertain/hostile environment.	
11	Conduct Combat Ship-to-Shore NVD (Surface)	Train well deck personnel in the procedures for landing craft launch and recovery during shipboard NVD operations. Train personnel in proper light discipline when operating in an NVD environment.	
12	Receive/Handle Combat Casualties (Landing Craft)	Train personnel in receiving and handling casualties aboard ship by landing craft.	
13	Perform Duties as CCS, PCS, SCS	Train CCS, PCS, SCS in TTPs to plan and supervise the surface borne ship-to-shore movement; maintain the current location and status of ships, landing craft, and boats assigned; landing scheduled waves at the correct beach at the specified time; and coordinating landing craft operations with a designated area of responsibility following the initial action.	
14	Conduct Coordinated Fires/SACC Operations	Train Advanced Field Artillery Tactical Data System (AFATDS) equipped ships in planning, coordinating and executing digital call for fire missions and de-conflicting integrated fires.	

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
15	Demonstrate JMPS-E and AADS Proficiency	Train PHIBRON and individual ships to plan and execute amphibious operations using JMPS-E and AADS.	
16	Conduct Simultaneous Air and Surface Ship to Shore Movement	Train debark control personnel, boat control team and air department personnel in simultaneous well deck and flight deck operations.	



**504. ANTI-TERRORISM (AT)**

**NMETL:**

**NTA 3.2.1.2: Attack Submerged Targets**

**NTA 3.2.9: Conduct Non-Lethal Engagement**

**NTA 4.8.5: Maintain Cultural Awareness**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.2.1.3: Review Rules of Engagement**

**NTA 6.1.1.3: Positively Identify Friendly Forces**

**NTA 6.3.1.5: Establish and Enforce Protection Perimeter**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review AT Administration	Per applicable mission area references	
03	Respond to Entry Control Point Threat (Ship Penetration)	Min 1 Inport Duty Section (ATG select)	1
04	Respond to Entry Control Point Threat (Pier Penetration)	Min 1 Inport Duty Section (ATG select)	1
05	Respond to Pedestrian Carried Improvised Explosive Device (PCIED)	Min 1 Inport Duty Section (ATG select)	1
06	Respond to Vehicle Borne Improvised Explosive Device (VBIED)	Min 1 Inport Duty Section (ATG select)	1
07	Respond to Small Boat Attack Pierside or at Anchor	Min 1 Inport Duty Section (ATG select) Requires 1 small boat to conduct attack services and Pencil Flare NCEA	1
08	Respond to Bomb Threat (Written/Verbal)	Min 1 Inport Duty Section (ATG select)	1
09	Respond to Protest/Demonstration	Min 1 Inport Duty Section (ATG select)	1
10	Respond to Swimmer Attack	Min 1 Inport Duty Section (ATG select)	1
11	Respond to Active Shooter	Min 1 Inport Duty Section (ATG select)	1

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01 *	Review AT Administration		90	
02 *	Respond to Entry Control Point Threat (Ship Penetration)	All Inport Duty Sections	180	
03	Respond to Entry Control Point Threat (Pier Penetration)	All Inport Duty Sections	180	
04	Respond to Pedestrian Carried Improvised Explosive Device (PCIED)	All Inport Duty Sections	180	
05	Respond to Vehicle Borne Improvised Explosive Device (VBIED)	All Inport Duty Sections	180	
06	Respond to Small Boat Attack Pierside or at Anchor	All Inport Duty Sections	180	
07 *	Respond to Bomb Threat (Written/Verbal)	All Inport Duty Sections	180	
08	Respond to Swimmer Attack	All Inport Duty Sections	180	
09 *	Respond to Active Shooter	All Inport Duty Sections	180	

**\* Must be maintained at all times.**

**Note: AT mission area training certification interval not to exceed 36 months.**

**505. AIR WARFARE (AW)**

**NMETL:**

**NTA 1.2.1.2: Conduct Air Space Management and Control**

**NTA 2.2.3.1: Search Assigned Areas**

**NTA 3.1.5: Conduct Tactical Combat Assessment**

**NTA 3.2.7: Intercept, Engage and Neutralize Aircraft and Missile Targets**

**NTA 3.2.10: Integrate Tactical Fires**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.1.3.1: Maintain and Display Tactical Picture**

**NTA 5.2.1.3: Review Rules of Engagement (ROE)**

**NTA 5.4.1.2: Exercise Tactical Command and Control**

**NTA 6.1.1.3: Positively Identify Friendly Forces**

**LCC 19 is required to complete AW CEs 01/02/05/09/11/12 and REs 01/04/08/11.  
 Additional qualification and proficiency requirements are outlined in reference (g).**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review Administration	Per applicable mission area references	
03	Conduct Air Warfare Engagement with Standard Missiles (CG, DDG only)	Min 2 Watch Teams Requires using Battle Lab NCTE connection	1,4
04	Conduct Air Warfare Engagement with Guns (CG and DDG only)	Min 2 Watch Teams Requires using Battle Lab NCTE connection	1,4
05	Conduct Air Warfare Engagement with Point Defense System(s) (CIWS, RAM, NSSMS)	Min 2 Watch Teams Requires using Battle Lab NCTE connection	1,4
06	Employ DCA (Air Control) (CG, DDG, LHA, and LHD)	Min 2 Watch Teams Requires using Battle Lab NCTE connection	1,4
07	Conduct Coordinated Air Warfare (SM/DCA) (CG and DDG)	Min 2 Watch Teams Requires using Battle Lab NCTE connection	1,4

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	NOTES
08	Operate Tactical Data Links (11 and 16) in Support of Air Warfare (UTJ, STJ, MTJ, CEC)	Min 2 Watch Teams Battle Lab Data Link services may be used	
09	Respond to AW Casualties	Min 2 Watch Teams	
10	Conduct Air Warfare Live Fire Exercise with 5”GWS (CG and DDG)	Min 1 Watch Team Requires Lear w/TDU and GWS Ammunition and NCEA	2,5
11	Conduct Air Warfare Live Tracking Exercise with CIWS	Min 1 Watch Team Requires Lear w/TDU	2,5
12	Conduct Air Warfare Live Fire Exercise with CIWS	Min 1 Watch Team Requires Lear w/TDU and CIWS Ammunition and NCEA	2,5
13	Demonstrate Non-Tactical Data Collection (NTDC) Patch (CG and DDG if equipped)	Min 2 Watch Teams	
14	Conduct Air Warfare Engagement with Standard Missile 6 and E2D. (AEGIS B/L 9 ONLY)	MIN 2 Watch teams Requires using Battle Lab NCTE connection to execute synthetically. Until E-2D has NCTE connectivity capability, conduct live with E-2D, Target A/C, and simulated MSL engagement.	6
15	Conduct Coordinated Air Warfare with Standard Missile 6, E2D and DCA. (AEGIS B/L 9 ONLY)	MIN 2 Watch teams Requires using battle lab NCTE connection to execute synthetically. Until E-2D has NCTE connectivity capability, conduct live with E-2D, DCA, Target A/C, and simulated MSL engagement.	6

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTE
01	Review ASA Checksheet		90	
02	Conduct Constructive Air Warfare Engagement with Standard Missiles (CG and DDG) For AEGIS B/L 9 ONLY: Conduct Air Warfare engagement with SM 6 and E2D.	Min 2 Watch Teams For AEGIS B/L 9 ONLY: requires using battle lab NCTE connection.	90	6
03	Conduct Air Warfare Engagement with Guns (CG and DDG)	Min 2 Watch Teams	90	6

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTE
04	Conduct Air Warfare Engagement with Point Defense System(s) (CIWS, RAM, NSSMS)	Min 2 Watch Teams	90	6
05	Employ DCA (Air Control) (CG, DDG, LHA, and LHD)	Min 2 Watch Teams	90	6
06	Conduct Coordinated Air Warfare (SM/DCA) (CG and DDG)	Min 2 Watch Teams	90	6
07	Operate Tactical Data Links (11 and 16) in Support of Air Warfare (UTJ, STJ, MTJ, CEC)	Min 2 Watch Teams	90	6
08	Respond to AW Casualties	Min 2 Watch Teams	90	
09	Operate Non Tactical Data Collection (NTDC) Patch (CG and DDG if equipped)	Min 2 Watch Teams	180	
10	Participate in MITE or live LINK	Min 2 Watch Teams Requires using Battle Lab NCTE connection	30	4
11	Conduct Air Warfare Live Tracking Exercise with CIWS	Min 1 Watch Team Requires A/C services	365	2,5

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Control DCA (Live - in Clear and EA Environment)	Train Strike Group Air Controllers in the use of air intercept control procedures for aircraft interceptions of highly maneuvering adversary/DCA assets, and introduce DCA/missile coordination. (EA Environment is preferred but not required). Include COMMS AE09 within this exercise.	2,6
02	Conduct Air Defense Exercise (to include C-UAS missions)	To introduce AMDC and ADUs to single axis, non- maneuvering AD events to practice TTPs, PPRs, and ROE against various target platforms. Key elements include Kill chain assessment, UAS, LSF, MARPAT, intercept/escort of long range air, armed ISR overwatch and DCA tasks.	2,6

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	NOTES
03	Perform Duties as ALT AMD Commander (AC)	Train strike group alternate Air and Missile Defense Commanders in TTPs, PPRs and ROE against various target platforms. Conduct control of tactical assets, direct assignment of units, order warfare degrees of readiness and direct movement and employment of forces.	2,6
04	Conduct Live Fire With a Purpose (LFWAP)	For each firing unit, requires missiles (one or more per target), targets (subsonic and supersonic), weapons range and NCEA. Conduct live firing event of SM 2/6, RAM, ESSM, or ESSM/NSSM, within a tactical ASMD scenario that includes 5inch live fire and MK214 chaff NCEA (if equipped).	2,5
05	Conduct ESTAT (Execution Status Air Tasking)	Train designated shipboard personnel in proper procedures to download and sort ATO.	6
06	Perform Duties as REDCROWN/GREENCROWN	Train units on the Redcrown/Greencrown TTPs and PPRs for returning strike package ID, delousing, RTF compliance, and control procedures.	6
07	Conduct Lasso Procedures in Coordination with the Sea Combat Commander	Train force watchstanders on proper procedures to procure airborne asset support when the asset is TACON to another warfare commander.	
08	Conduct Live Fire Against Unmanned Aerial Vehicle (UAV) target	Requires target and NCEA. Conduct live firing of all caliber gun systems capable of negating the target, as well as use of applicable EA systems.	
09	Perform Duties as Sector Air Defense Commander (SADC) in a Joint Environment	Train air defense ships in how to executively execute C2 in a SADC role in a joint maritime and air environment.	

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

THIS PAGE INTENTIONALLY LEFT BLANK

**506. BALLISTIC MISSILE DEFENSE (BMD)**

**NMETL:**

**NTA 1.1.1.7.2: Provide Combat Systems/Deck/Communications**

**NTA 2.2.1: Collect Target Information**

**NTA 2.4.4.2: Define the Battlespace Environment**

**NTA 3.2.7: Intercept, Engage and Neutralize Aircraft and Missile Targets**

**NTA 3.2.10: Integrate Tactical Fires**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.1.3.1: Maintain and Display Tactical Picture**

**NTA 5.2.1.3: Review Rules of Engagement (ROE)**

**NTA 5.3.9.3: Plan Tactical Operations**

**NTA 5.4.1.2: Exercise Tactical Command and Control**

**NTA 5.4.5: Report and Analyze Mission Readiness**

Additional certification requirements are outlined in reference (c).

**Certification Exercises (CEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Conduct BMD Certification	Per CNSP-CNSL 8820.2 (series). Requires using Battle Lab NCTE connection	1,4

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01	Review ASA Checksheet		90	
02	Participate in BMDEX/Fleet Level Exercise	Min 2 Watch Teams Requires use of Battle Lab NCTE connection	180	4
03	Conduct synthetic BMD scenario	Use ACTS, BFAS, or Battle Lab NCTE connection	90	1,2,4



**Advanced Exercises (AEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Participate in BMDEX	Min 2 Watch Teams Requires using Battle Lab NCTE connection	4
02	Perform duties as BMD Commander (AU)	Train Ballistic Missile Defense Commander in TTPs, PPRs and ROE against various mission sets. Conduct control of tactical assets, direct assignment of units, order warfare degrees of readiness, and direct movement and employment of forces.	2,6

**507. COMMUNICATIONS (COMMS)**

**NMETL:**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.1.3.1: Maintain and Display Tactical Picture**

**NTA 5.2.1.3: Review Rules of Engagement (ROE)**

**NTA 5.4.1.2: Exercise Tactical Command and Control**

**NTA 5.5.6: Perform Spectrum Management**

**NTA 5.5.6.1: Control Electromagnetic Interference (EMI)**

**NTA 6.1.2.1.3: Employ Communications Security**

**Certification Exercises (CEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review COMMS Administration	Per applicable mission area references	
03	Demonstrate RF Ops for HF/UHF (BFTN system operability - if equipped)	Min 2 Watch Teams	5
04	Demonstrate UHF SATCOM Ops	Min 2 Watch Teams	5
05	Demonstrate SAT SHF/EHF/GBS Ops (If equipped)	Min 2 Watch Teams	5
06	Demonstrate SSES SCI Ops (If equipped)	Min 2 Watch Teams	5
07	Demonstrate Communications Casualty Response Procedures	Min 2 Watch Teams	5
08	Demonstrate Electromagnetic Spectrum Operations (EMSO)	Min 2 Watch Teams	2

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01	Review ASA Checksheet		90	
02	Demonstrate RF Ops for HF/UHF (BFTN system operability - if equipped)	Min 2 Watch Teams	90	
03	Demonstrate UHF SATCOM Ops	Min 2 Watch Teams	90	
04	Demonstrate SAT SHF/EHF Ops	Min 2 Watch Teams	90	
05	Demonstrate SSES SCI Ops (If equipped)	Min 2 Watch Teams	90	

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

06	Demonstrate Communications Casualty Response Procedures	Min 1 Watch Team	90	
07	Participate in MITE or implement U/W Communications plan	Min 2 Watch Team Battle Lab RF services or Live	30	

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Demonstrate communications in a denied and degraded environment (D2E)	Train to maintain skillsets necessary for afloat communications equipment employment in a D2E.	5
02	Demonstrate Global Broadcast System (GBS) split Internet Protocol (IP) operations	Train to maintain proficiency in performing afloat GBS split IP procedures.	5
03	Demonstrate high frequency (HF) low probability of intercept (LPI) communications (ship-to-ship)	Train to maintain proficiency in afloat HF LPI communications techniques.	5
04	Coordinate and execute bandwidth management techniques	Train to enhance existing knowledge / skills / and abilities to execute fleet bandwidth management techniques.	5
05	Maneuver radio frequency (RF) spectrum to maintain command and control (C2)	Train to maneuver the RF spectrum to maintain C2 in an afloat environment.	5
06	Coordinate and demonstrate critical system casualty response	Train to mitigate negative effects caused by an afloat critical system outage.	
07	Demonstrate loss of facilities control (FACON) mitigation process	Train to maintain mission-critical afloat C2 circuits and mitigate negative effects associated with	
08	Demonstrate coalition force communications	Train to enhance existing knowledge / skills / and abilities to execute coalition force	
09	Demonstrate HAVE QUICK operations	Train to enhance existing knowledge / skills / and abilities to execute HAVE QUICK operations.	

**508. CRYPTOLOGY (CRY)**

**NMETL:**

**NTA 2.2.3: Perform Tactical Reconnaissance and Surveillance**

**NTA 2.3.1: Conduct Technical Processing and Exploitation**

**NTA 2.4.4.4: Evaluate the Threat**

**NTA 2.4.5.3: Provide I&W of Threat**

**NTA 3.2.5: Conduct Electronic Attack**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.1.3.1: Maintain and Display Tactical Picture**

**NTA 5.2.1.3: Review Rules of Engagement (ROE)**

**NTA 5.4.1.2: Exercise Tactical Command and Control**

**NTA 5.5.4: Conduct Electronic Warfare Support**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review Cryptology Administration	Per applicable IWTG references	
03	Configure Cryptologic Systems and Support Systems	Min 2 Watch Teams	
04	Configure and Conduct Information Operations	Min 2 Watch Teams	
05	Conduct DF Operations	Min 2 Watch Teams	
06	Draft Cryptologic Afloat Messages	Min 2 Watch Teams	
07	Conduct All Source Cryptologic Fusion and Analysis	Min 2 Watch Teams	
08	Respond to a CRY Casualty	Min 2 Watch Teams	

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01	Review ASA Checksheet		90	
02	Configure Cryptologic Systems and Support Systems	Min 2 Watch Teams	30	
03	Configure and Conduct Information Operations	Min 2 Watch Teams	90	

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
04	Conduct DF Operations	Min 2 Watch Teams	30	
05	Draft Cryptologic Afloat Messages	Min 2 Watch Teams	30	
06	Conduct All Source Cryptologic Fusion and Analysis	Min 2 Watch Teams	30	
07	Respond to a CRY Casualty	Min 2 Watch Teams	90	
08	Participate in a CRY MITE		30	

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Conduct Cryptologic Operations and Reporting	Train cryptologic surface units in collection capability and maintain skills in signal detection, analysis, and reporting.	
02	Perform duties as Afloat Direction Finding Control (ADFC)	Train cryptologic surface units in TTPs, and PPRs for ADFC.	
03	Perform Own Force Monitoring	Conduct coordinated multiple unit (ship, helo, etc.) OFM exercise covering the entire spectrum for compliance. Exercise will be conducted ICW a tactical event and not as a stand-alone exercise.	
04	Perform Communications Electronic Attack in a Multiple Unit Environment	Conduct coordinated multiple unit (ship, helo, etc.) CEA exercise. Exercise can be a two phase event with a stand-alone portion. The culminating event will be conducted ICW a tactical exercise.	

**509. CYBERSPACE OPERATIONS (CYBER)**

**NMETL:**

- NTA.2.4.4.1: Identify Issues and Threats**
- NTA 2.4.5.3: Provide Indications and Warnings of threat**
- NTA 3.1.6: Develop Cyber Counter-Targeting Plans**
- NTA 5.2: Analyze and Assess Information**
- NTA 5.4.1.2: Exercise Tactical Command and Control**
- NTA 5.5.5: Perform Information Cybersecurity**
- NTA 5.5.5.1: Provide Cyberspace Defense**
- NTA 5.5.5.1.1: Monitor Network Security**
- NTA 5.5.5.1.2: Conduct Vulnerability Scanning**
- NTA 5.5.5.1.3: Implement Anti-Malware (AM)**
- NTA 5.5.5.1.4: Implement INFOCON**
- NTA 5.5.5.1.5: Respond to Cyber Incidents**
- NTA 6.1.2.1.3: Employ Communications Security**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a	All Training Team Members LOK Scores >= 80%	
02	Review Cyberspace Administration	Per applicable mission area references	
03	Demonstrate Computer Network Training		
04	Review Cybersecurity Workforce (CSWF) Program	Cybersecurity Workforce Program Manager (CSWF-PM)	
05	Verify Traditional Security Compliance	Ship-Wide	
06	Verify Cyber Network Defense	Verified by NNWC NBT	1, 5
07	Verify Vulnerability Management	COND I Watch Team	1
08	Verify System Administration	COND I Watch Team	
09	Demonstrate Cyber Proficiency	COND III - Min 2 Watch Teams	5
10	Demonstrate SCI Cyber	COND III - Min 2 Watch Teams	5
11	Demonstrate Cyberspace Casualty and Incident Response Procedures	COND I Watch Team	5

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01 *	Review ASA Checksheet		90	
02 *	Review Cyberspace Security Workforce (CSWF) Program	Cybersecurity Workforce Program Manager (CSWF-PM)	90	
03 *	Verify Traditional Security Compliance	Ship-Wide	90	
04 *	Verify Cyberspace Defense		90	5
05 *	Verify Vulnerability Management	COND I Watch Team	90	
06 *	Verify System Administration	COND I Watch Team	90	
07 *	Demonstrate Cyber Proficiency	Min 1 Watch Team	90	5
08 *	Demonstrate SCI Cyber	Min 1 Watch Team	90	5
09 *	Demonstrate Cyber Casualty and Incident Response Procedures	COND I Watch Team	90	5
10 *	Participate in MITE or receive full credit if underway during any time during the month	COND I Watch Team	30	

\* **Must be maintained at all times.**

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Demonstrate Identification of Network Threats	Train and maintain proficiency to identify indications of scans, probes, and attacks against computers and networks.	
02	Conduct Coordinated Response to Denial of Service Attack	Train to identify Denial of Service Attacks and take coordinated response actions PER Strike Group directives.	
03	Conduct Coordinated Response to Unauthorized Access on the Network	Train to identify unauthorized access on the network and take coordinated response actions per Strike Group directives.	

COMNAVSURFPAC/  
 COMNAVSURFLANTINST 3502.7  
 1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	NOTES
04	Conduct Coordinated Response to Malicious Logic Present on the Network	Train to identify malicious logic present on the network and take coordinated response actions per Strike Group directives.	
05	Perform Risk Analysis on Internal Defense Measures	Train shipboard personnel to evaluate response actions against possible disruption to critical services.	
06	Conduct Coordinated INFOCON Setting	Train shipboard personnel in effectively setting and modifying INFOCON per Strike Group directives.	
07	Conduct Forensic Collection	Train shipboard personnel to collect system artifacts per Cyberspace Security Service Provider (CSSP) requirements.	



**510. ELECTRONIC WARFARE (EW)**

**NMETL:**

**NTA 2.2.3: Perform Tactical Reconnaissance and Surveillance**

**NTA 3.1.7: Employ Counter Targeting (CTTG)**

**NTA 3.2.5: Conduct Electronic Attack**

**NTA 3.2.7.1: Employ Anti-Ship Missile Defense (ASMD)**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.2.1.3: Review Rules of Engagement (ROE)**

**NTA 5.4.1.2: Exercise Tactical Command and Control**

**NTA 5.5.4.2: Conduct EW Reprogramming**

**NTA 5.5.5.2: Perform Electronic Protection**

**NTA 5.5.6: Perform Spectrum Management**

**NTA 6.1.5: Conduct Counter-Intelligence, Surveillance, and Reconnaissance (C-ISR)**

**NTA 6.1.2.1.2: Employ Concealment Techniques**

**MCM and PC class ships are required to complete CEs 01/02/06/08 and REs 01/06/08.**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review EW Administration	Per applicable mission area references	
03	Conduct Counter-Intelligence, Surveillance, Reconnaissance and Targeting Operations (C-ISRT OPS) to include use of CIB via JTT	Min 2 Watch Teams	4
04	Conduct Electronic Warfare Tactical Operations (ES/EA/ASMD)	Min 2 Watch Teams	6
05	Set and Modify EMCON	Min 2 Watch Teams	2
06	Set and Modify PCMS (If equipped)	Min 1 Watch Team	2
07	Set and Modify Deceptive Lighting	Min 1 Watch Team	2
08	Demonstrate Casualty Control Procedures	Min 2 Watch Teams	
09	Conduct Common Integrated Broadcast / Joint Tactical Terminal (CIB/JTT) Operations	Min 1 Watch Team	2
10	Conduct Electromagnetic Spectrum Operations (EMSO)	Min 1 Watch Team	2

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01	Review ASA Checksheet		90	
02	Participate in MITE or conduct BEWT/Lear Service DTE	Min 1 Watch Team	30	
03	Conduct Counter-Intelligence, Surveillance, Reconnaissance and Targeting Operations (C-ISRT OPS) to include use of CIB via JTT	Min 2 Watch Teams	90	6
04	Conduct Electronic Warfare Tactical Operations (ES/EA/ASMD)	Min 2 Watch Teams	90	6
05	Set and Modify EMCON	Min 2 Watch Teams	60	2
06	Set and Modify PCMS (If equipped)	Min 1 Watch Team	365	2
07	Set and Modify Deceptive Lighting	Min 1 Watch Team	180	2
08	Demonstrate Casualty Control Procedures	Min 2 Watch Teams	90	
09	Conduct Common Integrated Broadcast / Joint Tactical Terminal (CIB/JTT) Operations	Min 1 Watch Team	365	2
10	Conduct Electromagnetic Spectrum Operations (EMSO)	Min 1 Watch Team	90	2

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Conduct Advanced Counter Intelligence, Surveillance, and Reconnaissance (ISR)	Provide training concerning voyage planning with respect to detect, identify and mitigate the effects of adversary ISR capabilities. Demonstrate mitigation techniques to counter the effects of adversary ISR.	
02	Conduct Advanced Electronic Warfare Support (ES)	Train to search for, intercept and identify electromagnetic emissions and to locate their sources for the purpose of immediate threat recognition.	

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	NOTES
03	Conduct Advanced Electronic Protect (EP)	Train to search for, intercept identify and mitigate the effects of Advanced Electronic attack. Demonstrate mitigation techniques to counter the effects of Advanced Electronic Attack.	
04	Conduct Advanced Electronic Attack (EA)	Provide training to demonstrate the tactics, techniques and procedures to execute EA to include integrated fires.	
05	Conduct Advanced Electromagnetic Spectrum Operations (EMSO) Planning	Train the EMSO Cell to effectively plan EMSO procedures to access, control, protect, exploit, attack and manage the Electromagnetic Operating Environment (EMOE) in support of warfighters objectives.	
06	Conduct Advanced EMSO Cell Operations	Train the EMSO Cell to effectively employ EMSO procedures to access, control, protect, exploit, attack and manage the EMOE in support of warfighters objectives.	
07	Conduct EW Control Ship (EWCS) Duties	Provide training to demonstrate EWCS duties and responsibilities.	

**511. EXPLOSIVE SAFETY (EXPSAF)**

**NMETL:**

**NTA 4.1.4: Maintain Explosive Safety**

**NTA 4.1.5: Onload and/or Offload Ordnance**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Conduct Explosive Safety Certification	Per NOSSAINST 8023.12 (Series)	1

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01 *	Conduct Ship's Explosive Safety Self Assessment (SESSA) using the NOSSA SESI Program Evaluation Guides.	Must maintain an 80% TORIS Mission Area Figure of Merit at all times.	180	

**\* Must be maintained at all times.**

**Note: EXPSAF mission area training certification interval not to exceed 36 months.**

**512. FLEET SUPPORT OPERATIONS-MEDICAL (FSO-M)**

**NMETL:**

**NTA 4.9.1: Conduct Mission Area Training**

**NTA 4.12.9: Train Medical and Nonmedical Personnel**

**Certification Exercises (CEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex scenario.	All Training Team Members LOK Scores >= 80%	
02	Review Administration	Per applicable mission area references	
03	Review SOH Programs		
04	Conduct First Aid Drills (11 wounds)	Condition I, III: 11 wounds per Department	
05	Conduct Patient Transport	All BDS	
06	Conduct BDS Operations (N/A For PC)	All BDS	
07	Conduct Mass Casualty Drill		

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01 *	Review ASA Checksheet		90	
02 *	Review SOH Programs		90	
03 *	Conduct First Aid Drills (11 wounds)	COND I, III: 4 wounds per Department (Min 3 Depts.)	90	
04 *	Conduct Patient Transport	Min 1 BDS	90	
05	Conduct BDS Operations (N/A For PC)	Min 1 BDS	90	
06	Conduct Mass Casualty Drill		180	

**\* Must be maintained at all times.**

**Note: FSO-M mission area training certification interval not to exceed 36 months.**

**513. INTELLIGENCE (INT)**

**NMETL:**

**NTA 2.2: Collect Data and Intelligence**

**NTA 2.2.3: Perform Tactical Reconnaissance and Surveillance**

**NTA 2.2.4: Assess Tactical Environment**

**NTA 2.3: Process and Exploit Collected Information and Intelligence**

**NTA 2.4.4.4: Evaluate the Threat**

**NTA 2.4.5.4: Provide Intelligence Support to Force Protection**

**NTA 5.1.1.1.2: Provide External Communications**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review INTEL Administration	Per applicable mission area references	
03	Conduct Area Threat Brief	Min 1 Watch Team	
04	Conduct MIO Brief	Min 1 Watch Team	
05	Conduct CIC Watchstanders Brief	Min 1 Watch Team	
06	Conduct Anti-Terrorism Brief	Min 1 Watch Team	
07	Demonstrate Intelligence Collection and Reporting	Min 2 Watch Teams	
08	Conduct Casualty Control (LHA, LHD)	Min 1 Watch Team	
09	Conduct Visual Information Requirements	Min 2 Watch Teams	
10	Demonstrate capability of EXPLOT to function as the INDIA (I&W) Warfare Coordinator (LHA, LHD)	Min 1 Watch Team	

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01	Review ASA Checksheet		90	
02	Conduct Area Threat Brief	Min 1 Watch Team	90	
03	Conduct MIO Brief	Min 1 Watch Team	180	
04	Conduct Force Protection Brief	Min 1 Watch Team	90	

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
05	Conduct Watchstanders Brief	Min 1 Watch Team	90	
06	Demonstrate Intelligence Collection and Reporting	Min 2 Watch Teams	90	
07	Participate in MITE or actual Intelligence operations/exercises	Min 1 Watch Team	30	
08	Demonstrate Visual Information Requirements	Min 2 Watch Teams	30	

**Advanced Exercises (AEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Provide real-time I&W of Threat	Walk through the steps to identify threat indications and warnings to local area operations.	
02	Prepare Intelligence Products (SPOT report, CRITIC, OPINTEL brief, imagery products)	Walk through the steps to construct, refine, and disseminate intelligence products.	
03	Provide I&W support to MIO/VBSS & tactical operations	Walk through the steps to identify indications and warnings that could threaten MIO/VBSS and tactical operations.	
04	Produce Country Brief to support Maritime IPOE for NEO	Construct a country brief that focuses on the diplomatic, informational, military, and economic aspects that will support military planners in devising a Maritime IPOE.	

**514. MINE WARFARE (MIW)**

**NMETL:**

**NTA 1.3.1.1: Conduct Mine Hunting**

**NTA 1.3.1.2: Conduct Minesweeping**

**NTA 1.3.1.3: Conduct Mine Neutralization**

**NTA 1.3.2.1: Mark Barriers and Obstacles**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.1.3.1: Maintain and Display Tactical Picture**

**Certification Exercises (CEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review MIW Administration	Per applicable mission area references	
03	Conduct MCM Planning with MINETAC	Min 1 Watch Team	
04	Conduct Mine Hunting	Min 2 Watch Teams	2
05	Conduct Mine Neutralization (as applicable per ship configuration)	Min 1 Watch Team	2
06	Conduct Mine Sweeping	Min 1 Watch Team MP1, MP2 and MP3 NCEA required.	2
07	Demonstrate Minewarfare Systems Minimum Equipment	Ship-wide	
08	Conduct MIW DTE Using Embedded Training System	Min 1 Watch Team (N/A for FDNF-C MCMs)	4

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01	Review ASA Checksheet		90	
02	Conduct MCM Planning with MINETAC	Min 1 Watch Team	90	
03	Conduct Mine Hunting	Min 2 Watch Teams	90	2
04	Conduct Mine Neutralization	Min 1 Watch Team	90	2
05	Conduct Mine Sweeping	Min 1 Watch Team MP1, MP2 and MP3 NCEA required.	90	2



NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
06	Demonstrate Minewarfare Systems Minimum Equipment	Ship-wide	90	
07	Conduct MIW DTE Using Embedded Training System	Min 1 Watch Team (N/A for FDNF-C MCMs)	90	4
08	MIW Programs	All MIW Programs Graded Effective	90	

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01	Embark and Direct Operations of a MCM EOD Platoon	Train MCM Class ships in embarkation, command and control of MCM EOD platoon.		
02	Conduct Influence Minesweeping Exercise in Coordination with AMCM and/or UMCM Assets	Train MCM Class ships in coordinated influence minesweeping exercises against instrumented targets.		
03	Coordinate and Execute Floating Mine Disposal Operations with UMCM Assets	Train MCM Class ships in the coordinated response to a floating mine disposal during a mechanical minesweeping exercise.		
04	Conduct FAC/FIAC Defense Exercise During MIW Operations	Train MCM Class ships and escorts in the execution of a coordinated defense against surface threats during MIW operations.		
05	Conduct Weapons Proficiency Assessment (WPA)	Conduct a Weapons Proficiency Assessment (WPA).		
06	Conduct integrated SMCM, AMCM, and UMCM Operations	Train MCM Class ships in execution of coordinated MIW Operations.		

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
07	Conduct Live Underwater Detonation	Train MCM Class ships in the execution of live underwater detonation. NCEA required.		

**515. MOBILITY-AVIATION (MOB-A)**

**NMETL:**

**NTA 1.1.2.3.3: Conduct Flight Operations**

**Air Capable Ship (ACS): CG/DDG/LCC/LPD/LSD**

**Aviation Assault Ship (AAS): LHA/LHD**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Complete Aviation Readiness Qualification (ARQ)	Per CNSP-CNSL 3700.1 (Series)	
03	Conduct Helicopter Fire Fighting with Ordnance (ACS)	Min 1 Watch Team (ARQ)	
04	Conduct Flight Deck Fire Drill With Ordnance (AAS)	Min 1 Watch Team (ARQ)	
05	Conduct Phase-II Aircraft Salvage using Crash Forklift (AAS)	Min 1 Watch Team (ARQ) Requires Dud	
06	Conduct Phase-III Aircraft Salvage using Crash Crane (AAS)	Min 1 Watch Team (ARQ) Requires Dud	
07	Conduct Aircraft Fire Fighting Hangar Deck (AAS)	Min 1 Watch Team (ARQ) Requires Dud	
08	Conduct Flight Deck Fuel Station Fire Drill (AAS)	Min 1 Watch Team (ARQ)	
09	Conduct Hangar Deck Fuel Station Fire Drill (AAS)	Min 1 Watch Team (ARQ)	
10	Conduct Aviation Fuel System Casualty (AAS/LPD)	Min 1 Watch Team (ARQ)	
11	Conduct Aviation Fuel Pump Room Casualty (AAS/LPD)	Min 1 Watch Team (ARQ)	
12	Conduct Aviation Fuel Filter Casualty (AAS/LPD)	Min 1 Watch Team (ARQ)	
13	Launch and Recover Helicopter (Day) (ACS)	Min 1 Watch Team (HELO DAY) (ACS) 1 Helo, 6 Launch/Recover Evolutions	2

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	NOTES
14	Launch and Recover Helicopter (Night) (ACS)	Min 1 Watch Team (HELO DAY) (ACS) 1 Helo, 6 Launch/Recover Evolutions	2
15	Launch and Recover Helicopter (Day) (AAS)	Min 1 Watch Team (HELO DAY) (AAS) 2 Helos (min), 24 Launch/Recover Evolutions	2
16	Launch and Recover Helicopter (Night) (AAS)	Min 1 Watch Team (HELO DAY) (AAS) 2 Helos (min), 24 (12 aided /12 un-aided) Launch/Recover Evolutions	2
17	Launch and Recover Fixed Wing Aircraft (Day) (AAS)	Min 1 Watch Team (HELO DAY) 2 A/C and 1 SAR A/C, 6 Launch/Recover Evolutions	2
18	Launch and Recover Fixed Wing Aircraft (Night) (AAS)	Min 1 Watch Team (HELO DAY) 2 A/C and 1 SAR A/C, 8 Launch/Recover Evolutions (minimum 4 aided)	2
19	Launch and Recover Tilt Rotor Aircraft (Day) (AAS)	Min 1 Watch Team (HELO DAY) 2 A/C and 1 SAR A/C, 16 Launch/Recover Evolutions	2
20	Launch and Recover Tilt Rotor Aircraft (Night/NVD) (AAS)	Min 1 Watch Team (HELO DAY) 2 A/C 1 SAR A/C, 16 (minimum 8 aided) Launch/Recover Evolutions	2
21	Conduct Hot Refuel Aircraft on Deck (Day Or Night)	Min 1 Watch Team (HELO DAY) 1 Helo (ACS); 1 Tilt Rotor, 1 Fixed Wing, 1 Rotary Wing (AAS only)	2
22	Conduct Helicopter in Flight Re-Fueling (HIFR) (ACS/HIFR Capable)	Min 1 Watch Team (HELO DAY) 1 Helo	2
23	Conduct Vertical Replenishment (VERTREP)	Min 1 Watch Team (HELO DAY) 1 Helo, 6 Launch/Recover Evolutions	2

**Note: NVGs are required for night CASE I launches/recoveries for AV-8Bs only. F-35Bs do not utilize NVGs for night shipboard operations. If the certification will be conducted with F-35Bs; Ship crew shall have NVGs in serviceable condition ready for inspection. F-35Bs do not utilize NVGs for night shipboard operations. If the certification will be conducted with F-35Bs; Ship crew shall have NVGs in serviceable condition ready for inspection.**

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01	Review ASA Checksheet		90	
02	Conduct Helicopter Fire Fighting with Ordnance (ACS)	Min 1 Watch Team 2 drills per month	30	
03	Conduct Flight Deck Fire Drill with Ordnance (AAS)	Min 1 Watch Team Requires Dud	30	
04	Conduct Phase-II Aircraft Salvage using Crash Forklift (AAS)	Min 1 Watch Team Requires Dud	90	
05	Conduct Phase-III Aircraft Salvage using Crash Crane (AAS)	Min 1 Watch Team Requires Dud	90	
06	Conduct Aircraft Fire Fighting Hangar Deck (AAS)	Min 1 Watch Team Requires Dud	30	
07	Conduct Flight Deck Fuel Station Fire Drill (AAS)	Min 1 Watch Team	90	
08	Conduct Hangar Deck Fuel Station Fire Drill (AAS)	Min 1 Watch Team	90	
09	Conduct Aviation Fuel System Casualty (AAS/LPD)	Min 1 Watch Team	90	
10	Conduct Aviation Fuel Pump Room Casualty (AAS/LPD)	Min 1 Watch Team	90	
11	Conduct Aviation Fuel Filter Casualty (AAS/LPD)	Min 1 Watch Team	90	
12	Launch and Recover Helicopter (Day)(ACS)	Min 1 Watch Team (ACS) 1 Helo	180	2
13	Launch and Recover Helicopter (Night) (ACS)	Min 1 Watch Team (ACS) 1 Helo	90	2
14	Launch and Recover Helicopter (Day) (AAS)	Min 1 Watch Team (AAS) Min 2 Helos	180	3
15	Launch and Recover Helicopter (Night) (AAS)	Min 1 Watch Team (AAS) Min 2 Helos	90	3
16	Launch and Recover Fixed Wing Aircraft (Day) (AAS)	Min 1 Watch Team 2 A/C and 1 SAR A/C	180	2
17	Launch and Recover Fixed Wing Aircraft (Night) (AAS)	Min 1 Watch Team 2 A/C and 1 SAR A/C	90	2
18	Launch and Recover Tilt Rotor Aircraft (Day) (AAS)	Min 1 Watch Team 2 A/C and 1 SAR A/C	180	2
19	Launch and Recover Tilt Rotor Aircraft (Night/NVD) (AAS)	Min 1 Watch Team 2 A/C and 1 SAR A/C	90	2

COMNAVSURFPAC/  
 COMNAVSURFLANTINST 3502.7  
 1 Nov 18

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
20	Conduct Hot Refuel Aircraft on Deck (Day Or Night)	Min 1 Watch Team 1 Helo (ACS); 1 Tilt, 1 Fixed, 1 Rotary Wing (AAS)	180 Day 90 Night	2
21	Conduct Helicopter in Flight Re- Fueling (HIFR) (ACS/HIFR Capable)	Min 1 Watch Team 1 Helo	365	2
22	Conduct Vertical Replenishment (VERTREP)	Min 1 Watch Team 1 Helo	180	2

**516. MOBILITY-DAMAGE CONTROL (MOB-D)**

**NMETL:**

**NTA 1.1.1.7.3: Provide Damage Control**

**NTA 6.1.1.1: Protect Individuals and Systems**

**NTA 6.1.1.2: Remove Hazards**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review Damage Control Administration	Per applicable mission area references	
03	Set Material Condition Readiness (Z, Y, MOD Z)	Ship-wide	
04	Respond to Fire (IET, F/S, RPL)	All RPLs, F/S and Min 2 IETs	
05	Respond to Flooding (IET, F/S, RPL)	All RPLs, F/S and Min 2 IETs	
06	Respond to Structural Damage (IET, F/S, RPLs)	All RPLs, F/S and Min 2 IETs	
07	Respond to Toxic Gas/HAZMAT Spill (IET, F/S)	F/S and Min 3 IETs (IDLH for F/S only)	
08	Provide Rescue and Assistance	R&A Team	
09	Rig Casualty Power	All RPLs (N/A DDG 1000, LPD, MCM and PC) Power shall be supplied to equipment which shall be operated for a minimum of 5 minutes.	
10	Employ Chemical, Biological, or Radiological (CBR) Defense Procedures (RPL)	All RPLs (N/A PC)	
11	Combat a Major Conflagration (RPL)	Ship-wide	

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01 *	Review ASA Checksheet		90	
02	Set Material Condition Readiness (Z, Y, MOD Z)	All RPLs	90	
03 *	Respond to Non Main Space Fire (All Classes)	All IETs	60	
04 *	Respond to Toxic Gas/HAZMAT Spill	All IETs	90	
05 *	Respond to Flooding	All IETs	60	
06	Respond to Fire	F/S	60	
07	Provide Rescue and Assistance	R&A Team	120	
08 **	Respond to Flooding	F/S	60	
09	Respond to Toxic Gas/HAZMAT Spill	F/S	90	
10	Respond To Non Main Space Fire	All RPLs	90	
11	Respond To Flooding	All RPLs	90	
12 *	Respond To Structural Damage	All RPLs, F/S, IETs	90	
13	Combat A Major Conflagration	Ship-wide	180	
14	Rig Casualty Power	All RPLs (N/A MCM, PC, LPD, DDG 1000) Cables are not required to be energized.	365	
15	Employ Chemical, Biological, Radiological, and Nuclear Environment (CBRN) Defense Procedures	All RPLs. Rotate scenario between 4 agents every 120 days.	365	

\* **Must be maintained at all times.**

\*\* **Can be performed in conjunction with RE-11**



**517. MOBILITY-ENGINEERING (MOB-E)**

**NMETL:**

**NTA 1.1.1.7.1: Provide Engineering/Main Propulsion**

**NTA 1.1.1.7.3: Provide Damage Control**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	SOH Programs (Tag-out, Electrical Safety, Heat Stress, Hearing Conservation)	All SOH programs graded effective	
03	Critical Programs (Lube Oil Quality Management, Fuel Oil Quality Management, Personal Qualification Standards, Engineering Training, Engineering Operational Sequencing System, Legal Records, Operating Logs, Diesel Readiness System/Jacket Water, Main Propulsion Boiler Water/Feed Water)	All critical programs graded effective	
04	Other Programs (Quality Assurance, Marine Gas Turbine Equipment Service Records, Waste Heat Boiler Water/Feed Water, On-Line Verification, Departure from Specifications, Bearing Records, Oily Waste Management/Handling Program)	All other management programs graded at least partially effective	
05	Perform Standard Evolution Set	Min 2 Watch Sections Evolutions: at least 75% effective for each qualified watch team	
06	Perform Standard Drill Set	Min 2 Watch Sections Drills: At least 50% effective for each qualified watch team	2
07	Respond to Main Space Fire (Agent Good)	Min 2 Watch Sections and Repair 5 Two qualified watch teams effective for MMFOL/MCBF, Repair 5 evaluated effective for reentry during one MSFD	

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01	Conduct SOH Program Review (Tag-out, Electrical Safety, Heat Stress, Hearing Conservation)	Using ASA Checksheet	90	
02	Conduct Critical Management Program review (Lube Oil Quality Management, Fuel Oil Quality Management, Personal Qualification Standards, Engineering Training, Engineering Operational Sequencing System, Legal Records, Operating Logs, Diesel Readiness System/Jacket Water, Main Propulsion Boiler Water/Feed Water)	Using ASA Checksheet	90	
03	Conduct Other Management Program review (Quality Assurance, Marine Gas Turbine Equipment Service Records, Waste Heat Boiler Water/Feed Water, On-Line Verification, Departure from Specifications, Bearing Records, Oily Waste Management/Handling Program)	Using ASA Checksheet	90	
04	Perform Standard Evolution Set	Min 2 Watch Section Evolutions: at least 75% effective for each qualified watchteam.	30	
05	Perform Standard Drill Set	Min 2 Watch Section Drills: at least 50% effective for each qualified watchteam.	30	
06	Respond to Main Space Fire (Agent Good)	Min 2 Watch Sections and Repair 5 Requires Good Agent	90	
07	Respond to Main Space Fire (Agent Bad)	Min 2 Watch Sections and Repair 5 Requires Bad Agent	90	

**518. MOBILITY-NAVIGATION (MOB-N)**

**NMETL:**

**NTA 1.1.2.3.1: Sail Ship from Port, Anchorage or Moorage**

**NTA 1.1.2.3.2: Return Ship to Port, Anchorage or Moorage**

**NTA 1.2.11: Conduct Navigation**

**NTA 5.1.1.1.2: Provide External Communications**

**Harbor Navigation Package consists of CE04-CE07/CE09 or RE03-RE06/RE08.  
 Additional certification requirements are outlined in reference (d).**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK), to include Watchstander Rules of the Road (RoR) requirements and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80% Training Team RoR Scores >= 90% Watchstander Scores per CNSP-CNSL 3530.4F	
02	Review Administration	Per applicable mission area references	
03	Conduct a Precision Anchorage	Special S&A Detail	2
04	Conduct Restricted Waters Navigation (Day Or Night)	Special S&A Detail	2
05	Conduct Low Visibility Navigation	Special S&A Detail	2
06	Respond to a Loss of Gyro	Special S&A Detail	2
07	Respond to a Loss of Primary Sensor and Loss of Primary Display (ECDIS-N equipped ships)	Special S&A Detail	2
08	Conduct Open Ocean Navigation	Min 2 Watch Team	2
09	Respond to a Loss of Steering Casualty	Special S&A Detail and Min 2 Watch Teams	2
10	Demonstrate Visual Signaling	Min 1 Watch Team Requires assist ship(s)	
11	Bridge Resource Management (BRM) Training	Min 3 Watch Teams	4
12	Polaris VI Simulator Refresher Training (only ships configured)	Min 4 graduates per CNSP-CNSL 3505.1 (series)	4

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01	Review ASA Checksheet		90	
02	Conduct a Precision Anchorage	Special S&A Detail	180	2
03	Conduct Restricted Waters Navigation	Special S&A Detail	90	2
04	Conduct Low Visibility Navigation	Special S&A Detail	90	2
05	Respond to a Loss of Gyro	Special S&A Detail	90	2
06	Respond to a Loss of Primary Sensor and Loss of Primary Display (ECDIS-N equipped ships)	Special S&A Detail	90	2
07	Conduct Open Ocean Navigation	Min 1 Watch Team	180	2
08	Respond to a Loss of Steering Casualty	Special S&A Detail and Min 3 Watch Teams	180	2
09	Demonstrate Visual Signaling	Min 1 Watch Team	90	

**519. MOBILITY-SEAMANSHIP (MOB-S)**

**NMETL:**

**NTA 1.1.2.3.1: Sail Ship from Port, Anchorage or Moorage**

**NTA 1.1.2.3.2: Return Ship to Port, Anchorage or Moorage**

**NTA 1.1.2.3.7: Conduct Small Boat Operations**

**NTA 4.6.3: Provide Underway Replenishment**

**NTA 4.13.6: Perform Emergency Towing**

**NTA 6.2.2.1: Perform Search and Rescue**

**MCM and PC class ships assigned to CENTCOM are exempt from CE05.**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review MOB-S Administration	Per applicable mission area references	
03	Conduct Underway from or Mooring to a Pier	Mooring Detail	2
04	Conduct Anchoring Operations	Anchor Detail	2
05	Conduct Mooring to a Buoy	Anchor Detail Requires mooring buoy (N/A DDG-1000, LHA, LHD, LPD, LSD)	2
06	Conduct Man Overboard Recovery (Ship And Boat)	Min 1 Watch Team Day or Night. Smoke Float NCEA required	2
07	Conduct Small Boat Operations	Min 2 Boat Crews	2
08	Conduct Emergency Towing	1 Watch Team Requires towing asset (N/A LHA, LHD)	2
09	Conduct CONREP	Min 2 CONREP Stations Requires delivery ship (Receive Fuel, Receive Cargo) (N/A DDG 1000, MCM, PC)	2
10	Deliver Fuel at Sea	Min 1 CONREP Station Requires receiving ship (LHD/LHA Only)	2

COMNAVSURFPAC/  
 COMNAVSURFLANTINST 3502.7  
 1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	NOTES
11	Demonstrate Abandon Ship Procedures	Can be conducted day or night	
12	Conduct Astern Refueling	Min 1 CONREP Station (MCM, PC Only)	2

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01	Review ASA Checksheet		90	
02	Conduct Underway from or Mooring to a Pier	Mooring Detail	90	2
03	Conduct Anchoring Operations	Anchor Detail	180	2
04	Conduct CONREP (Receive Fuel, Receive Cargo)	Min 2 CONREP Stations Requires delivery ship (N/A DDG 1000, MCM, PC)	180	2
05	Deliver Fuel at Sea	Min 1 CONREP Station Requires receiving ship (LHD/LHA Only)	545	2
06	Conduct Astern Refueling	Min 1 CONREP Station (MCM, PC Only)	180	2
07	Conduct MOB Recovery - Ship (Day)	Min 1 Watch Team. Smoke Float NCEA required.	90	2
08	Conduct MOB Recovery – Ship (Night)	Min 1 Watch Team	90	2
09	Conduct MOB Recovery – Boat (Day)	Min 1 Watch Team	90	2
10	Conduct MOB Recovery – Boat (Night)	Min 1 Watch Team	90	2
11	Conduct Small Boat Operations	Min 2 Boat Crews	90	
12	Special Evolutions Training (SET)	Per CNSP-CNSL 3505.1 (Series)	365	

**520. SEARCH AND RESCUE (SAR)**

**NMETL:**

**NTA 6.2.2.1: Perform Search and Rescue**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Conduct SAR Certification	Per CNSP-CNSL 3130.2 (series). Min 1 Watch Team, Two Rescue Swimmers (1 Rescue Swimmer for MCM, PC)	1
02	Demonstrate SAR Plotting (SAREX)	Min 1 Watch Team	1

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01	Review Search and Rescue Surface Ship Evaluation Checklist	SAR ASA Checksheet	90	
02	Deploy Surface Rescue Swimmer (Shipboard)	Min 2 SAR Swimmers (1 MCM, PC)	180	
03	Deploy Surface Rescue Swimmer (Rescue Boat)	Min 2 SAR Swimmers (1 MCM, PC)	180	
04	Demonstrate SAR Plotting (SAREX)	Min 1 Watch Team	180	

**Note: SAR mission area training certification interval not to exceed 36 months.**

**521. STRIKE WARFARE (STW)**

**NMETL:**

**NTA 3.2.2: Attack Enemy Land Targets**

**NTA 3.2.8: Conduct Fire Support**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.1.3.1: Maintain and Display Tactical Picture**

**NTA 5.2.1.3: Review Rules of Engagement (ROE)**

**NTA 5.4.1.2: Exercise Tactical Command and Control**

**Additional certification requirements are outlined in reference (e) and Appendix A.**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review Strike Administration	Per applicable mission area references	
03	Conduct Cruise Missile Qualification	Per CNSP-CNSL 8820.1 (series). Min 1 Watch Team Requires use of Battle Lab NCTE connection	1,4
04	Perform NSFS Qualification	Per Appendix A. Min 1 Watch Team Requires range and GWS ammunition and NCEA.	2,5

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01	Review ASA Checksheet		90	
02	Participate in SLAMEX/Fleet Level Exercises	Min 1 Watch Team Must attain T-3 score or better to take credit	60	
03	Perform complex Harpoon /Tomahawk Cruise Missile Exercise	Min 1 Watch Team	60	
04	Perform NSFS Mission Support	Min 1 Watch Team	90	6



05	Conduct Mission Data Update (MDU) via all Installed Paths and demonstrate TSN capability.	Min 1 Watch Team	60	
----	---	------------------	----	--

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	TLAM – Maximum salvo, maneuvering	Train Tomahawk equipped ships in planning a designated launch of a maximum salvo TLAM mission.	4
02	TLAM - Perform duties as LAC	Train Tomahawk equipped ships in planning a designated launch of a TLAM mission and performing all required steps to effect a successful launch.	4
03	Conduct Coordinated NSFS support to ARG/MEU/Land Forces	Conduct NSFS with maneuver of forces into a cohesive action, maximizing their effect in accomplishing the mission and minimizing adverse effects on friendly/neutral forces and noncombatants.	
04	Direct/Coordinate multiple NSFS/NFCS Units	Train NFCS equipped ships in planning, coordinating and executing Digital Call for Fire missions using the Naval Fire Control (AN/SYQ- 27) System. Requires support by Advanced Field Artillery Tactical Data System (AFATDS), Target Location, Designation and Hand-off Systems (TLDHS), and Pocket-Sized Forward Entry Device (PFED); or other man- portable digital Call for Fire (CFF) device. GWS NCEA required.	6

**522. SUPPLY MANAGEMENT (SUP)**

**NMETL:**

**NTA 4.3.3: Provide Repair Parts**

**NTA 4.4.2.2: Provide Food Services**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Conduct Supply Management Certification (SMC)	Per CNSP-CNSL 5040.1 (Series). (N/A PC)	

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01 *	Review CNSP-CNSL 5040.1 (Series)	Conduct a self-assessment of afloat Supply operations using SMC Checklist.	180	
02 *	Audit Government Commercial Purchase Card Records	GCPC records to include Administrative records (purchases, invoices, statements, letters of delegation, training certificates, etc )	90	
03 *	Audit DoD FedMall purchase records	FedMall records (purchases, invoices, statements)	90	
04 *	Audit Food Service Records and Returns	Monthly Food Service records	30	
05 *	Audit Retail Operations Records and Returns	Retail Operations records (review each accounting period)	120	

**\* Must be maintained at all times.**

**Note: SUP mission area training certification interval not to exceed 36 months.**

**523. SURFACE WARFARE (SW)**

**NMTEL:**

**NTA 1.1.2.3.3: Conduct Flight Operations**

**NTA 1.2.1.2: Conduct Air Space Management and Control**

**NTA 2.2.3.1: Search Assigned Areas**

**NTA 3.1.5: Conduct Tactical Combat Assessment**

**NTA 3.2.1.1: Attack Surface Targets**

**NTA 4.1.3: Provide Munitions, Pyrotechnics and Specialty Items**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.1.3.1: Maintain and Display Tactical Picture**

**NTA 5.2.1.3: Review Rules of Engagement (ROE)**

**NTA 5.4.1.2: Exercise Tactical Command and Control**

**NTA 6.1.1.3: Positively Identify Friendly Forces**

**Additional qualification and proficiency requirements are outlined in reference (g).**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review SW Administration	Per applicable mission area references	
03	Conduct Surface Engagement (Harpoon) (CG/DDG)	Min 2 Watch Teams Battle Lab NCTE connection	1,4
04	Conduct Surface Engagement (SM) (CG and DDG)	Min 2 Watch Teams Battle Lab NCTE connection	1,4
05	Conduct Surface Engagement (Gun Weapon System) (CG and DDG)	Min 2 Watch Teams Battle Lab NCTE connection	1,4
06	Conduct Surface Engagement (Point Defense) (SCAT)	Min 2 Watch Teams Battle Lab NCTE connection	1,4
07	Conduct Surface Engagement (Point Defense) (CIWS 1B)	Min 2 Watch Teams Battle Lab NCTE connection	1,4
08	Employ/Control Air Assets (Helo/MPRA) (N/A for LCC, MCM, PC)	Min 2 Watch Teams Battle Lab NCTE connection	1,4
09	Conduct GCCS-M Data Base Management	Min 2 Watch Teams (1 for PC) Battle Lab NCTE connection	1,4
10	Respond to a SW Casualty And Misfire	Min 2 Watch Teams	

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	NOTES
11	Conduct Surface Warfare Live Fire Exercise with Major Caliber GWS with Towed Sled (CG and DDG)	Min 1 Watch Team Requires tow ship w/target sled and GWS ammunition and NCEA	2,5
12	Conduct Surface Warfare Live Fire Exercise with Machine Guns	Min 1 Watch Team Requires reflective balloon and Crew Served Weapons ammunition NCEA	2,5
13	Conduct Surface Warfare Live Fire Exercise with Major Caliber GWS (Quickdraw) (CG and DDG)	Min 1 Watch Team Requires reflective balloon and GWS ammunition and NCEA	2,5
14	Conduct Surface Warfare Live Fire Exercise with CIWS 1B Surface Mode	Min 1 Watch Team Requires reflective balloon and CIWS ammunition and NCEA	2,5

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01	Review ASA Checksheet		90	
02	Conduct Surface Engagement (Harpoon) (CG/DDG)	Min 2 Watch Teams	90	6
03	Conduct Surface Engagement (SM) (CG and DDG)	Min 2 Watch Teams	90	6
04	Conduct Surface Engagement (Gun Weapon System) (CG and DDG)	Min 2 Watch Teams	90	6
05	Conduct Surface Engagement (Point Defense) (SCAT)	Min 2 Watch Teams	90	6
06	Conduct Surface Engagement (Point Defense) (CIWS 1B)	Min 2 Watch Teams	90	6
07	Employ/Control SW Air Assets (Helo/MPRA) (N/A for LCC, MCM, PC)	Min 2 Watch Teams	90	6
08	Conduct GCCS-M Data Base Management	Min 2 Watch Teams (1 for PC)	90	6
09	Participate in MITE or conduct GCCS-M Database Management	Min 2 Watch Teams	30	
10	Respond To a SW Casualty And Misfire	Min 2 Watch Team	90	
11	Conduct Surface Warfare Live Fire Exercise with Machine Guns	Min 1 Watch Team Reflective balloon CSW ammunition and NCEA	180	2,5

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
12	Conduct Surface Warfare Live Fire Exercise with Major Caliber GWS (CG and DDG)	Min 1 Watch Team Reflective balloon GWS ammunition and NCEA	180	2,5
13	Conduct Surface Warfare Live Fire Exercise with CIWS 1B Surface Mode	Min 1 Watch Team Reflective balloon CIWS ammunition and NCEA	180	2,5

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Perform GCCS-M (FOTC) Duties (N/A for MCM/PC)	Train Strike Group DBM to assume duties as FOTC.	
02	Operate in Surface Action Group (SAG)	Provide SAG an opportunity to localize and attack an OPFOR surface action group.	
03	Perform Duties of SAG Commander (SAGC)	Train designated surface unit to operate as SAGC vs. an OPFOR SAG.	
04	Conduct FAC/FIAC Defense	Provide surface vessel an opportunity to engage FAC/FIAC OPFOR unit. Will be conducted during SWATT using Killer Tomato and HSMST range assets.	6
05	Conduct Coordinated Main Gunnery Firing	Train Strike Group personnel in coordinated response of main battery gun mounts.	
06	Conduct Coordinated Crew Served Weapons Firing	Train Strike Group personnel in coordinated response of installed CSW. NCEA required.	
07	Conduct Griffin Missile Firing	Train PC Crews in employment of Griffin Missile System. Required annually based on crew turnover. NCEA required.	
08	Conduct Restricted Waters Strait Transit	Train strike group personnel in the conduct of an integrated force strait transit with multi-layered defense.	
09	Operate in a SCAR/AR Construct	Train shipboard/strike group personnel in the employment and management of aircraft to execute SCAR/AR	

COMNAVSURFPAC/  
 COMNAVSURFLANTINST 3502.7  
 1 Nov 18

10	Operate in a MAC Construct	Train shipboard/strike group personnel in operating within a MAC construct and executing MAC duties during SAGC vs. OPFOR SAG or against a FAC/FIAC OPFOR unit(s).	
11	Execute War-At-Sea (WAS)	Train strike group personnel in the planning and execution of WAS.	
12	Conduct Integrated Live Fire Event	Train strike group personnel in planning and execution of integrated fires against a FAC/FIAC OPFOR unit(s).	

**524. UNDERSEA WARFARE (USW)**

**NMETL:**

**NTA 1.2.1.2: Conduct Air Space Management and Control**

**NTA 1.2.7: Conduct Tactical Oceanographic Analysis**

**NTA 1.3.2.3: Transit Mine Threat Area**

**NTA 2.2.3.1: Search Assigned Areas**

**NTA 3.1.5: Conduct Tactical Combat Assessment**

**NTA 3.2.1.2: Attack Submerged Targets**

**NTA 4.1.3: Provide Munitions, Pyrotechnics and specialty items**

**NTA 5.1.1.1.2: Provide External Communications**

**NTA 5.1.3.1: Maintain and Display Tactical Picture**

**NTA 5.2.1.3: Review Rules of Engagement (ROE)**

**NTA 5.4.1.2: Exercise Tactical Command and Control**

**NTA 5.6: Conduct Acoustic Warfare**

**NTA 6.1.1.3: Positively Identify Friendly Forces**

**AMPHIBS are only required to complete USW CE01/CE02/CE03/CE04 and RE01/RE02. Additional certification requirements are outlined in reference (f) and (g).**

**Certification Exercises (CEs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>NOTES</b>
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review ASA Checksheet		
03	Respond to ASW Casualty	Min 2 Watch Teams	
04	Conduct Torpedo Evasion with NIXIE deployed	Min 2 Watch Teams. NCEA for 1 ADC per team required.	2
05	Conduct Anti-Submarine Warfare Certification assessment with Embedded Training System	Min 2 Watch Teams (COND IIAS) per CNSP/L INST 3361.2 (series)	2
06	On Range Live Target Prosecution VLA/SVTT	Min 1 Watch Team (COND IIAS) Data package must be submitted to NUWC Keyport. EMATT required.	2
07	Conduct Torpedo Handling & MH-60 Banding	Min 1 Watch Team (REXTORP Required)	

**Repetitive Exercises (REs)**

<b>NR</b>	<b>EXERCISE NAME</b>	<b>AMPLIFICATION</b>	<b>FREQ</b>	<b>NOTES</b>
01	Review ASA Checksheet		90	
02	Conduct Torpedo Evasion	Min 2 Watch Teams	90	2
03	Conduct ASW Mission Planning and Operations	Min 2 Watch Teams	90	6
04	Conduct ASW Search, Detect and Track	Min 2 Watch Teams	90	6
05	Conduct ASW Weapons Employment (VLA)	Min 2 Watch Teams	90	6
06	Conduct ASW Weapons Employment (A/C)	Min 2 Watch Teams	90	6
07	Conduct ASW Weapons Employment (SVTT)	Min 2 Watch Teams	90	6
08	Conduct Towed Array Passive Tracking	Min 2 Watch Teams (COND III and IIAS). Requires EMATT or target of opportunity. Data Package submitted to NUWC Keyport.	90	2,5
09	Live A/C Exercise	Min 2 Watch Teams (COND III and IIAS). Requires EMATT or target of opportunity. Data Package submitted to NUWC Keyport.	180	2,5
10	Conduct Active Tracking using Shipboard Sonar at Sea	Min 2 Watch Teams (COND III and IIAS). Requires EMATT or target of opportunity. Data package submitted to NUWC Keyport	90	2,5
11	Conduct Torpedo Handling & MH-60 Banding	Min 1 Watch Team (REXTORP Required)	180	
12	Conduct LOFAR Gram Analysis (SIPRTOP Training)	(SIPRNET access required)	30	
13	Respond To ASW Casualty	Min 2 Watch Teams	90	
14	Conduct Small Object Avoidance	Min 1 Watch Team (COND III Requires in-channel target of opportunity. Only applies to hull mounted sonar	180	2,5



15	Conduct Continuous Active Sonar (CAS) Search & Tracking	Min 2 Watch Teams (COND III or IIAS). Requires target of opportunity. Only applies to ACB 11 and newer equipped ships. Data package submitted to NUWC Keyport.	180	2,5
----	---	--	-----	-----

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Active/Passive Tracking Exercise (Open Ocean)	Train surface ships, helos, and MPRA in coordinated localization and tracking using both active and passive sonar in addition to other means of detection. OPFOR submarine will be on routine patrol.	
02	Active/Passive Tracking Exercise (Shallow Water)	Train surface ships, helos, and MPRA in coordinated localization and tracking of an OPFOR submarine within a shallow water environment using both active and passive sonar in addition to other means of detection. OPFOR submarine will be on routine patrol.	
03	MODLOC ASW	Train surface ships, helos, and MPRA in coordinated ASW defense of an HVU conducting normal flight operations against an OPFOR submarine using both active and passive sonar in addition to other means of detection. OPFOR submarine will attempt to penetrate the HVU screen.	

COMNAVSURFPAC/  
 COMNAVSURFLANTINST 3502.7  
 1 Nov 18

NR	EXERCISE NAME	AMPLIFICATION	NOTES
04	Transit ASW Exercise	Train surface ships, helos, and MPRA in coordinated ASW defense during a transit using both active and passive sonar in addition to other means of detection. OPFOR submarine will attempt to penetrate the HVU screen. Requires use of Deceptive screening, zig zag and evasion techniques.	
05	Perform Duties of SAU Commander (SAUC)	Train designated surface unit to operate as SAUC vs. an OPFOR submarine.	
06	Conduct EXTORP SVTT/VLA Firing	Train surface ships in tactical employment of ASW weapons in a live fire environment. Tracking of live submarine or underwater target (e. g. EMATT) and subsequent engagement with EXTORP SVTT/VLA.	5
07	Conduct Dual-Tow Operations	Training designed to increase proficiency and application of sensors during simulated and live OPFOR submarine search and localization. Ships will become familiar with dual-tow operations.	
08	Operate with an Aircraft SAU	Train designated surface units to operate in a SAU construct with the addition of either RW or FW ASW capable aircraft.	
09	Transit a Q-route or Mine Threat Area	Train surface unit Bridge, CIC, and Sonar watchstanders in how to transit a mine threat area per NTA 1.3.2.3.	

**525. VISIT, BOARD, SEARCH, AND SEIZURE (VBSS)**

**NMETL:**

**NTA 1.1.2.3.7: Conduct Small Boat Operations**

**NTA 1.4.6: Conduct Maritime Interception**

**NTA 3.2.9: Conduct Non-Lethal Engagement**

**NTA 4.8.5: Maintain Cultural Awareness**

**\* Only PC class ships are required to complete CE03 and RE02.**

**Certification Exercises (CEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Demonstrate Training Team Level of Knowledge (LOK) and ability to plan, brief, execute and debrief (PBED) a drill set and/or a complex tactical scenario.	All Training Team Members LOK Scores >= 80%	
02	Review VBSS Administration	Per applicable mission area references	
03	Conduct Non-Compliant Boarding Operations	Min 1 Team (PCs Only) Requires RIB	
04	Conduct Compliant Boarding Operations	Min 1 Team Requires RIB	
05	Conduct Approach/Maritime Influence Operations	Min 1 Team Requires RIB	
06	Conduct Detainee Operations	Min 2 fully qualified Boarding Team Members, Ship's Detainee Handling Team.	

**Repetitive Exercises (REs)**

NR	EXERCISE NAME	AMPLIFICATION	FREQ	NOTES
01	Review ASA Checksheet		90	
02	Conduct Non-Compliant Boarding Operations	Min 1 Team (PCs Only) Requires RIB	90	
03	Conduct Compliant Boarding Operations	Min 1 Team Requires RIB	90	
04	Conduct Approach/Maritime Influence Operations	Min 1 Team Requires RIB	180	

05	Conduct Detainee Operations	Min 2 fully qualified Boarding Team Members, Ship's Detainee Handling Team.	365	
----	-----------------------------	---	-----	--

**Advanced Exercises (AEs)**

NR	EXERCISE NAME	AMPLIFICATION	NOTES
01	Conduct Counter-Piracy	Train surface ships in evidence collection rules for counter-piracy operations.	

**526. Mission Area Watch Team Continuity Requirements**

1. Purpose. To emphasize the importance of watch team performance as a key enabler of readiness and to standardize watch team continuity requirements across Unit-Level Training qualifications and certifications. Further, to designate the mission areas, key watchstanders, readiness tripwires, reporting requirements, and validation policy for mission areas designated as Watch Team Continuity Critical (WTCC).

2. Discussion. Experience has shown that in certain mission areas, formal training as a whole team is a more effective readiness indicator than individual watchstander qualifications alone. For the mission areas listed in paragraph 3, the loss or turnover of key team members may negatively impact a ship's ability to perform the tasks associated with that mission area. To maximize a ship's readiness in WTCC mission areas, ships will report key manning shortfalls, and ISICs will coordinate validation per this instruction.

3. Definitions

a. WTCC Mission Areas. WTCC mission areas are those in which the loss or turnover of key watchstanders in the watch teams which were trained during Unit-Level Training may have a serious impact on a ship's ability to execute that specific mission. The following mission areas are designated as WTCC:

(1) Ballistic Missile Defense (BMD)

(2) Navigation (MOB-N)

(3) Strike Warfare (STW)

(4) Undersea Warfare (USW)

(5) Visit, Board, Search and Seizure (VBSS)

b. Key Watchstanders.

(1) BMD: BMD Watch Officer (BMDWO), Combat Systems Coordinator (CSC), Radar Systems Controller (RSC), Tactical Information Coordinator (TIC).

(2) MOB-N: Navigator, Assistant Navigator/Senior Quartermaster.

(3) STW:

(a) Cruise Missile Tactical Qualification (CMTQ): Engagement Control Officer, Tomahawk Strike Manager (TSM), Harpoon Engagement Planner.

(b) Naval Surface Fire Support (NSFS): Gunnery Liaison Officer (GLO)/Land Attack Warfare Officer (LAWO), Plot Supervisor, Control Officer Console (COC) Operator (MK86), Weapons Control Console (WCC) Operators (MK86), Gun Console Operator (GCO) (MK34), and Gun Safety Observer.

(4) USW: ASW Evaluator (ASWE), SONAR Supervisor, Fire Control System Operator.

(5) VBSS: Boarding Officer.

4. Policy

a. For the purpose of this policy, one training cycle is defined as:

(1) For Continental United States (CONUS) ships, mission area certification will expire at the start of the next Maintenance Phase or the start of the next certification validation (CV) in that mission area, whichever comes first.

(2) For Forward Deployed Naval Forces (FDNF) ships, the date of mission area certification through 36 months in that mission area or the start of the next Selected Restricted Availability (SRA), whichever comes first.

b. If a ship's manning in a WTCC mission area meets either of the following criteria, then the ship will submit a mission area Validation Plan using the sample WTCC Mission Area Validation Plan message in Appendix E and coordinate with the ISIC to schedule the validation:

(1) Two or more key watchstanders on one watch team that were certified during Basic Phase training rotate off the team.

(2) A key watchstander across all watch teams that were certified during basic phase training rotate off the team (e.g., 2 of 2 BMDWOs, 2 of 2 ASWEs, etc.).

c. When Group/Squadron Commander validation is required, ISICs will:

(1) Designate an assessment team based on specific watchstander shortfalls and risk mitigation goals. The ISIC may use ATG, CSCS, or other designated training representatives, to augment its own staff.

(2) Design the validation scenarios based on Repetitive Exercises (REs) listed above.

(a) For BMD, a successful completion of a Sustainment BMD Exercise (BMDEX) is required for mission area validation.

(b) For NSFS, the MTT course provided by CSCS/EWTPAC/LANT will be the validation process used by the ISIC.

(3) Validate the ship's mission area validation plan (Personnel Qualification Standards (PQS)/Job Qualification Requirements (JQR)/Schools, etc.).

(4) Evaluate the watch team using RE gradesheets, per TORIS.

(5) Remediate if demonstrated proficiency is less than 80 percent.

(6) Report to Type Commander using the sample WTCC Mission Area Validation Completion Report message in Appendix E when validation is complete.

## Chapter 6

### *READINESS EVALUATIONS*

- Ref: (a) COMNAVSURFPAC/COMNAVSURFLANTINST 1300.1, Command Readiness Assessment Visit  
(b) COMUSFLTFORCOMINST 4790.3C, Change 6, Joint Fleet Maintenance Manual  
(c) COMNAVSURFPAC/COMNAVSURFLANTINST 3502.4 Crew Certification and Navigation Assessment Requirements for Surface Pre-Commissioning Units  
(d) COMNAVSURFPAC/COMNAVVAIRPAC/COMNAVVAIRLANT/COMNAVSURFLANTINST 3530.4F, Surface Ship Navigation Department Organization and Regulations Manual (NAVDORM)  
(e) COMNAVSURFPAC/COMNAVSURFLANTINST 3504.1C, Redlines Implementing Instructions  
(f) COMNAVSURFPAC/COMNAVSURFLANTINST 4700.1B, Total Ship Readiness Assessment (TSRA) Visit Program  
(g) OPNAVINST 5100.19E, Navy Safety and Occupational Health (SOH) Program Manual for Forces Afloat  
(h) COMNAVSURFPACINST 4730.2, TYCOM Material Inspection (TMI) Process  
(i) COMNAVSURFLANTINST 4730.2, Material Standards Assessment Program  
(j) COMNAVSURFPACINST 4730.3, INSURV Material Inspection (MI) and TYCOM Mid-cycle Inspection (MCI) Preparation Guide  
(k) OPNAVINST 4730.5Q, Trials and Material Inspections (MI) of Ships Conducted by the Board of Inspection and Survey  
(l) INSURVINST 4730.1F, Material Inspections (MI) of Surface Ships

#### **600. Roles and Responsibilities**

1. Type Commander (TYCOM). The TYCOM will:
  - a. Provide oversight in the conduct of READ-Es throughout the OFRP.
  - b. Designate the list of material checks that will be accomplished during each READ-E.
  - c. Assign a Senior Assessor/TYCOM Lead for READ-E 2, READ-E 3, READ-E 4, READ-E 5, READ-E 6, and READ-E 7.
  - d. Coordinate the assignment of an Event Coordinator for READ-E 2, READ-E 3, READ-E 4, READ-E 5, READ-E 6, and READ-E 7.
  - e. CNSGWP is TYCOM's executive agent for conducting READ-Es for FDNF-J ships.
2. Immediate Superior in Command (ISIC). The ISIC will:
  - a. Provide assistance in the scheduling of READ-Es.

- b. Provide assistance to the ship in preparing for READ-Es.
  - c. Provide assessors to assist in the execution of READ-Es.
  - d. Assign a Senior Assessor (if applicable) for Crew Certification, Fast Cruise/Dock Trials, and Squadron/Group Staff Navigation Assessment (e.g. Nav Check Ride).
3. Afloat Training Group (ATG)/Information Warfare Training Group (IWTG). The applicable ATG/IWTG will:
- a. Serve as the TYCOM's executive agent for training and assessment.
  - b. Designate the ship's Training Liaison Officer (TLO) to assist in READ-E 3 coordination.
  - c. Designate the list of Repetitive Exercises (REs) to be demonstrated during READ-E 3.
  - d. Provide a tailored list of Tier 2 material checks to the READ-E 6 Event Coordinator at least one week in advance of READ-E 6.
4. Engineering Assessments Pacific/Atlantic (EAP/EAA). EAP/EAA will:
- a. Serve as the primary training/assessment organization for Light Off Assessment (LOA).
  - b. Provide assistance to ships preparing for engineering assessments.
  - c. Assist ship and ISIC in "Safe to Start" assessments prior to Hot Plant testing, if requested.
  - d. Conduct Main Reduction Gear Health Assessment (MRGHA)
  - e. Assign a Senior Assessor for LOA.
  - f. Assign a Project Officer for LOA.
5. Senior Assessor. The Senior Assessor will:
- a. Communicate with the ship's Commanding Officer, or his/her designated representative, upon commencement of the READ-E to outline the purpose and goals for the Evaluation.
  - b. Provide an informal out-brief to the Commanding Officer, or his designated representative, on the final day of the READ-E emphasizing areas that require improvement.
6. Event Coordinator. The Event Coordinator will:
- a. Coordinate with the ship's Point of Contact (POC) to arrange the schedule of the READ-E.



b. Coordinate with the participating organizations to develop the Schedule of Events (SOE) for each READ-E and de-conflict any duplicative tasks. In cases where an event must be evaluated by different organizations, the Event Coordinator will attempt to coordinate the task so that it will only need to be performed once during the event.

c. Provide the ship with a list of material checks and/or training events that will need to be performed during the READ-E.

d. Serve as a liaison with the ship regarding any changes to material condition that may impact the ship's ability to demonstrate a specific task.

e. Coordinate with the TYCOM Lead/Senior Assessor and other participating organizations to identify the necessary expertise for each READ-E.

7. Commanding Officer (CO). The CO will:

a. Coordinate and report results for READ-E 1.

b. Schedule services for demonstrations conducted during READ-E.

c. Coordinate with the TYCOM, ISIC, and scheduling authorities to schedule each READ-E.

d. Assign a ship's POC for each READ-E to coordinate and determine the SOE.

8. Regional Maintenance Center (RMC). The applicable RMC will execute TSRA's per reference (f).

#### **601. READINESS Evaluation 1 (READ-E 1)**

1. READ-E 1 is a mandatory ship self-assessment executed during the Sustainment Phase while the ship is on deployment. The purpose is to assist the Commanding Officer in the planning and successful execution of maintenance and training during the upcoming OFRP cycle. During READ-E 1, the ship will perform a critical self-assessment of their manning, schools, material, proficiency, and other requirements. The duration of READ-E 1 is determined by the ship, but must be completed and findings reported to Administrative Control (ADCON) ISIC / TYCOM at least 45 days prior to returning from deployment. Ships forward deployed in Japan will transmit the READ-E 1 message NLT 15 days prior to the READ-E 3 and NET 45 days. Ships will use available Afloat Self-Assessment (ASA) checksheets and CRAV checklists to identify deficiencies.

#### **2. Sub-events**

a. Administrative Self-Assessment. The ship will self-assess various personnel and administrative programs to ensure all shortfalls have been identified, documented, and reported

to support the upcoming Fleet Response Training Plan (FRTTP).

b. **Material Condition Self-Assessment.** The ship will self-assess their material condition through a variety of available programs and documented deficiencies.

c. **Proficiency Self-Assessment.** The ship will self-assess their proficiency in each mission area and explain any differences between reported TORIS Mission Area FOM proficiency and the Commanding Officer's assessment of the ship's proficiency.

3. **Lead Organization.** The lead organization for READ-E 1 is the ship. No external organizations will assist in the conduct of READ-E 1.

a. READ-E 1 has no notional duration.

b. Execution of the READ-E 1 is conducted per these major steps:

(1) Step One.

(a) Review manning and critical NECs.

(b) Review the current Billet Based Distribution (BBD) for enlisted manning, and Officer Data Control Report (ODCR) or NAVPERSCOM PERS-41 Placement Officer report for Officer manning for current and projected manpower shortfalls. Include a review of the Watch Team Replacement Plan (WTRP) for the upcoming FRTTP cycle. Identify Bureau of Naval Personnel (BUPERS) required fills.

(c) Identify critical NEC/BSC shortfalls via BBD, ODCR/Placement Officer Report, Fleet Training Management and Planning System (FLTMPS), mission area qualification/certification criteria per ASA checksheets, and applicable governing instructions.

(2) Step Two. Review Formal Schools Status

(a) Identify critical school shortfalls via BBD, FLTMPS, mission area qualification/certification criteria per applicable ASA checksheets and governing instructions.

(b) Identify school/team training requirements and request quotas.

(c) Identify any sensor, weapons system, ship system additions or modifications that will take place during maintenance periods that will require formal training for existing crew members or enroute training for new personnel.

(d) Identify Temporary Additional Duty Travel Target (TADTAR) requirements and request an augment if necessary.

(3) Step Three. Assess Management Programs

(a) Review all management programs using governing references and ASA check sheets. These management programs include, but are not limited to:

1. Ship-wide Programs (Zone Inspection Program, Personnel Qualification Standards (PQS) Program, Training Programs, Technical Manual Management, Maintenance and Material Management (3M), Safety and Occupational Health and Environmental Programs, Departure from Specifications (DFS), WTRP, Aviation)

2. Engineering Programs (Engineering Operational Sequencing System (EOSS), Lube Oil Quality Management (LOQM), Fuel Oil Quality Management (FOQM), Marine Gas Turbine Equipment Service Record (MGTESR) - WebLog, Quality Assurance (QA), Operating Records, Legal Records, Boiler Water/Feedwater (BW/FW), Diesel Readiness System (DRS), Online Verification (OLV))

3. Damage Control Programs (Repair Party Manual, Damage Control Petty Officer, DC Closure Log, Gas Free Engineer, Supplied Air Respirators/Self-Contained Breathing Apparatus (SCBA))

4. Combat Systems Programs (Combat Systems Operational Sequencing System (CSOSS), Smooth Log, Tag Out, Qualification/Certification (Qual/Cert) Program, Miniature/Micro-miniature (2M) Program, Required Reading Programs)

5. Anti-Terrorism (AT) Programs (Security Force Post Qualifications, Physical Security Allowance Equipage Lists (AEL), Laser Hazard Safety)

6. Search and Rescue (SAR) Programs including SAR Swimmer Proficiency and AEL

7. Supply Management Programs (All S-1/2/3/4, Repair Parts Petty Officer (RPPO), Maintenance Assist Module (MAM), Coordinated Shipboard Allowance List (COSAL), Hazardous Material (HAZMAT))

8. Medical Management Programs (Heat Stress, Hearing Conservation, Sight Conservation, Respiratory Protection, Asbestos, Sanitation, Cardiopulmonary Resuscitation (CPR), Pest Control)

9. Cyber Management Programs (Cyber Security Work Force (CSWF) Program, Information Security/Cyber Security Program, Traditional/Physical Security Program, Key and Lock Program)

10. Explosive Safety Programs, Shipboard Explosive Safety Self-Assessment (SESSA), Ammunition and Explosives Qualification Self-Assessment

11. Inventory and report the status of the following AELs at a minimum:

- a. Aviation Consolidated Allowance List (AVCAL)
- b. Visit Board, Search, and Seizure (VBSS)
- c. Anti-Terrorism
- d. Search and Rescue
- e. Oil Spill Kit
- f. Otto Fuel Spill Kit
- g. Damage Control Locker AEL and CBRN Inventories
- h. PCMS Inventory (as applicable)

(4) Step Four. Review and Assess Material/Equipment Condition

(a) Conduct an initial material/equipment assessment to determine equipment condition. Reviews will be conducted using a number of existing programs, including Current Ship's Maintenance Project (CSMP), Preventive Maintenance System (PMS), Overall Combat System Operability Test (OCSOT) and Sonar System Consolidated Operability Test (SCOT), Combat Systems Operational Sequencing System (CSOSS), Engineering Operational Sequencing System (EOSS), Departure From Specification (DFS), Temporary Standing Order (TSO), Zone Inspections, ATG and EAP/EAA material checksheets, and ASA checksheets.

(b) Identify material readiness issues with all onboard training systems (e.g., Battle Force Tactical Training (BFTT), Battle Force Electronic Warfare Trainer (BEWT), AEGIS Combat Training System (ACTS), On-Board Trainer (OBT), Training Control Workstation (TCW), Surface Anti-Submarine Warfare (ASW) Synthetic Trainer (SAST), Cruise Missile Trainer Personal Computer (CMTPC), etc.) that will affect training during the upcoming FRTP (if installed).

(c) Ensure critical equipment (including test equipment and phased replacement items) is calibrated (as required), inventoried, assessed, and replacements ordered as necessary.

(5) Step Five. Assess Proficiency

(a) Determine the proficiency level of each mission area through an assessment of the amount and quality of training conducted since entering the Sustainment Phase. Consider performance on deployment, LOK exams, DRRS-N Figures of Merit, TORIS Mission Area FOM recorded in each mission area, and any external feedback on the performance of the ship. Each mission area will be assigned a grade based upon the ship's TORIS Mission Area FOM score. The Commanding Officer may adjust the score if extenuating circumstances prevent TORIS Mission Area FOM from accurately depicting the ship's mission area proficiency; in

these cases, the difference between these scores should be explained.

(b) These mission area grades will aid in determining where additional focus may be required during the upcoming Basic Phase.

4. Reporting Requirements. Ships will report completion of READ-E 1 using the report template contained in Appendix A.

a. The READ-E 1 Report must be transmitted no later than 45 days prior to returning from deployment.

b. Forward Deployed Naval Forces-Japan (FDFNF-J): Ships forward deployed to Japan will transmit the READ-E 1 NLT 45 days prior to entering a scheduled selected restricted availability (SRA).

c. Upon the receipt of the READ-E 1 message, TYCOM N7 will review the message, consolidate reports from Training Support Center (TSC), TYCOM N1, N41, N43, N44, N46, N47, N48, and N6, and provide a consolidated response to issues identified by the ship. A response message will be sent to the ship within 30 days of receipt of the READ-E 1 message.

## **602. READINESS Evaluation 2 (READ-E 2)**

1. READ-E 2 is a TYCOM-led assessment of material condition executed during the Sustainment Phase. It is mandatory for ships conducting an INSURV MI during that Sustainment Phase and optional for all others. READ-E 2 may be scheduled at the ISIC's request. It is conducted in conjunction with an underway period and must be completed before the start of the Maintenance Phase. READ-E 2 replicates the demonstrations and critical events that will be performed during the Maintenance Phase Contractor Sea Trials and TYCOM Sea Trials.

### 2. Sub-events.

a. Underway Demonstrations. Demonstrations are conducted during this period to identify any material condition degradations that occurred during the course of deployment and ensure that the ship maintains a constant focus on material assessments and standards.

(1) Every effort should be made to complete all demonstrations for the applicable ship class.

(2) Deficiencies identified during READ-E 2 will be considered for possible inclusion into the Availability Work Package (AWP).

b. Material Inspection. Material Inspections will be limited to Communications (CC), Information Systems (IS), and Damage Control (DC) functional areas. TYCOM will coordinate with readiness assessment assistance teams (as required). The inspection will be conducted per

the INSURV Inspection Guides (IIG) and the INSURV master event list.

c. Management Programs. Management Program Review is not a required element of the READ-E 2. Should the ship's Commanding Officer assess a management program as partially or not effective during READ-E 1, or desire additional training for his/her crew, the Commanding Officer may request for management program assistance to be included during SOE construction. Such assistance will be treated like an assist visit and the results out-briefed only to the command team and other personnel designated by the Commanding Officer.

d. For ships conducting a TYCOM MCI or INSURV MI in Sustainment Phase, a MI SOE Rehearsal may be conducted in lieu of the prescribed Underway Demonstrations and Material Inspections above.

3. Lead Organization. The lead organization for READ-E 2 execution is the applicable TYCOM (Commander Naval Surface Forces Pacific (CNSP N45) / Commander Naval Surface Forces Atlantic (CNSL N44)) who will designate the READ-E 2 Event Coordinator.

a. The notional duration is 3 days.

b. Execution of the READ-E 2 is conducted following these major steps:

(1) Step One. Develop the Schedule of Events (SOE)

(a) TYCOM, ISIC, and Regional Maintenance Center confer to determine the scheduling of required demonstrations and material assessments. Demonstrations will be performed and assessed per INSURV requirements. The following is a list of demonstrations that must be conducted (at a minimum):

1. Full Power (per OPNAVINST 9094.1 Series)

2. Quick Reversal (per OPNAVINST 9094.1 Series)

3. Steering (per Planned Maintenance System (PMS) Maintenance Index Page (MIP) Series 5600.

Note: Conducted at Underway Replenishment (UNREP) speed with control in after steering and in the ahead direction only. (Must include mechanical limit and accuracy test, timing, and blocking valve demonstration.)

4. Anchor Drop (per PMS MIP Series 5811)

5. Self-Defense Detect-to-Engage (per INSURVINST 4730.21 Series)

6. Area Defense Detect-to-Engage (per INSURVINST 4730.21 Series)

7. Undersea Warfare Detect-to-Engage (per INSURVINST 4730.22 Series)
8. Gunnery Demonstrations (<https://usff.portal.navy.mil/sites/insurv/inspections>)

9. Demonstrate operability of voice circuits (on air checks for all radios in all modes and all crypto devices), all data links in all modes, Cooperative Engagement Capability (CEC), and networks (Integrated Shipboard Network System (ISNS), Automated Digital Network System (ADNS), Navy Information Application Product Suite (NIAPS), Consolidated Afloat Networks and Enterprise Services (CANES), Combined Enterprise Regional Information Exchange System (CENTRIXS), Global Command and Control System – Maritime (GCCS-M), all switches and routers)

10. Ballast and De-ballast (per Ship’s Information Book, Ship’s Ballast Instruction, Equipment Operating Procedures (EOP) and PMS)

11. Aqueous Film Forming Foam (AFFF) operational checks (per PMS MIP Series 5551)

12. Mine Hunting/Sweeping (per INSURVINST 4730.22 SERIES)

(b) The ISIC may provide the ship a list of additional demonstrations to be performed at least four weeks in advance of READ-E 2.

(c) Ship’s force will develop the detailed SOE, coordinate all services (e.g. targets for Detect-to-Engagement (DTE) demonstrations), operational areas, and non-combatant expenditure allocation (NCEA) for required demonstrations.

Note: Live training is the preferred method of demonstration; however, if resources are not available, simulator training may be used.

(2) Step Two. Review Administrative Data

(a) One week prior to READ-E 2, the ship will forward the following information to the Event Coordinator via email:

1. Proposed SOE, including status of services required
2. 8 O’clock Reports
3. All TSOs

(b) The Assessment Team will review the following information prior to the commencement of READ-E 2:

1. READ-E 1 Report

2. DRRS-N
3. Casualty Reports (CASREPs)
4. Current Ship Maintenance Project (CSMP)
5. Active DFSs
6. All TSOs

(3) Step Three. Perform Demonstrations

- (a) Conduct cold and hot checks as applicable/necessary.
- (b) Execute SOE.

4. Reporting Requirements.

a. Assessment team reviews results and compiles report to identify recommendations for work in next Chief of Naval Operations (CNO) Availability or future availabilities as appropriate.

b. All deficiencies identified during READ-E 2 will be added to the CSMP within five working days of receipt, reported per applicable directives (e.g., CASREP, Redlines, etc.), and considered for possible inclusion into the AWP, recognizing that work items may be growth or new work.

c. The TYCOM will send a READ-E 2 Report within five working days of completing all sub-events (e.g. Underway Demonstrations) per Appendix A.

**603. READINESS Evaluation 3 (READ-E 3)**

1. READ-E 3 is a TYCOM-led assessment event that is conducted during the post-deployment Sustainment Phase to set the groundwork for successful Maintenance and Basic Phases. READ-E 3 should be scheduled 30-60 days after returning from deployment. For FDNF-J units, the READ-E 3 should be conducted no later than 60 days prior to a CNO Availability. The event is comprised of an assessment of READ-E 1, Training and PQS Program assessment, a Safety and Occupational Health (SOH) and Environmental Programs review, and the Command Readiness Assessment Visit (CRAV). In addition, ATG or its designated representative will conduct mission area proficiency checks in all mission areas using applicable Repetitive Exercise (RE) grade sheets. Mission area RE demonstration will be tailored by ATG or its designated representative based on ship/ISIC input and material readiness. TYCOM N7 will approve the READ-E 3 RE demonstration list generated by the ship/ISIC and ATG or its designated representative. The goal is to ensure the ship has a functional training team established and is re-familiarized with the training standards that will need to be met in Basic Phase.



a. Ships entering a scheduled CNO Availability after deployment will execute the READ-E 3 prior to entering the Maintenance Phase. If a ship's schedule does not permit execution of the READ-E 3 prior to entering the Maintenance Phase, then the READ-E 3 will be conducted at the earliest possible opportunity in the Maintenance Phase to prepare the ship for FTA 1. The READ-E 3 will be conducted so not to interfere with the CNO Availability production/timeline. Ships without a dedicated CNO Availability between scheduled deployments will be required to execute the READ-E 3 prior to the next scheduled deployment or operational tasking, unless granted a policy exception by TYCOM. Mission areas validated below certification criteria will receive additional training to increase proficiency. Upon return from the next scheduled deployment, prior to entering the Maintenance Phase (CNO Availability), the ship will conduct another READ-E 3 to prepare the ship for FTA 1.

b. Ships that will not undergo a Basic Phase prior to the next deployment will demonstrate a more robust RE and ITT syllabus. The purpose of this is to give the ship CO and ISIC a clear view of areas of strengths and weaknesses and to develop a tailored training plan to prepare the ship for the follow-on deployment.

c. As part of the READ-E 3, ships will be able to conduct a 3M Program Validation (PV). If ships successfully complete the 3M PV, the 3M mission area certification interval will reset for another 36 months. A ship cannot conduct two consecutive PVs, nor can it conduct a PV on an expired certification.

## 2. Sub-events

a. Assessment of READ-E 1. The purpose is to ensure the ship has accurately assessed the status of their programs, material condition, and training.

b. Training and PQS Program Assessment Review. TYCOM will assess the execution and effectiveness of the ship's Training and PQS programs. This assessment will include a review of Relational Administrative Data Management (R-ADM) access and usage, quarterly ASA checksheets for the previous year, watchbills and WTRPs, including a validation of the ship's self-assessment of manning (including NECs), material condition, schools plan, and management programs for all warfare areas.

c. SOH and Environmental Programs Review. TYCOM will validate the effectiveness of the Safety Program. All programs will be evaluated using ASA checksheets/IIGs. Some programs may be validated concurrently with assessed mission areas by ATG. The event is not required to be conducted concurrently with the other READ-E 3 events, but will be conducted in the Sustainment Phase following return from deployment.

d. The ship, in coordination with ATG, will take LOKs in all mission areas for training team members.

e. Proficiency Assessment. ATGs will conduct a comprehensive assessment of the proficiency of the crew, via drills, as well as an administrative assessment in all mission areas.

Additionally, ATG will assess the status of all Embedded Training Systems (ETS) and provide the status of all ETS in the READ-E3 report. If the ship's Sustainment schedule does not allow time for completing a comprehensive assessment of proficiency in all mission areas. ATG will assess proficiency by conducting drills in MOB-D, AT, and FSO-M mission areas, at a minimum.

f. CRAV. The ADCON ISIC, in conjunction with readiness assessment assistance teams (as required), will assess the various administrative programs that comprise the CRAV. The goal is to verify the ship has an effective continuous training program. This review is not required to be conducted concurrently with the other READ-E 3 events, but will be conducted in the Sustainment Phase following return from deployment. The details of this assessment visit are contained within reference (a).

3. Lead Organization. The lead organization for READ-E 3 execution is the TYCOM (CNSP/CNSL N7) with support from the ISIC and the applicable ATG. The TYCOM will designate the Event Coordinator.

a. The notional duration is 4 weeks.

b. READ-E 3 is constructed to provide flexibility in its execution. The SOE will be developed with the ISIC, TYCOM, and ATG and will be conducted following these major steps:

(1) TYCOM Actions. Assess Personnel, Administrative, Training and PQS Programs

(a) Validate ship's self-assessment of school requirements using FLTMPS and ensure individual school/team training requirements have been met or quotas have been requested to allow for completion prior to the start of Basic Phase.

(b) Verify TADTAR funds will support school/training requirements throughout the FRTP. If necessary, ensure the ship has submitted a TADTAR augment request for additional funds needed.

(c) Assess the ship's PQS Program following the applicable ASA checksheet.

(d) Validate R-ADM accuracy and effectiveness to ensure personnel qualifications and training support ship operations.

(e) Ensure a comprehensive WTRP will support all conditions of readiness and sufficient qualified personnel will be available prior to commencement of Basic Phase. At a minimum the following watchbills and WTRPs will be reviewed:

1. Sea and Anchor, General Quarters, UNREP, and Flight Deck

2. Condition III for Combat Information Center, Bridge, and Engineering

3. Ballistic Missile Defense (BMD), ASW and Link Response
4. Strike and Naval Surface Fire Support
5. VBSS
6. All Repair Lockers, Duty IET, R&A, Crash & Salvage, COND II F/S

(f) Assess the ship's Training Program following the applicable ASA checksheets.

(g) Validate the ship's self-assessment of management programs performed during READ-E 1 (Step Three). Any other program reviews will be requested / coordinated during SOE development with the Event Coordinator.

(2) ATG Actions. Assess ETS condition/material condition and mission area proficiency

(a) Assess the operability of the following ETS at a minimum (if installed):

1. BFTT
2. BEWT
3. ACTS
4. OBT/TCW/SAST
5. Integrated Bridge and Navigation System Trainer
6. Engineering Trainer

(b) As part of the mission area assessments, inventory and report the following: AVCAL, VBSS AEL; AT AEL; SAR AEL; Oil Spill Kit; Otto Fuel Spill Kit; Damage Control Locker, and additional applicable AEL inventories. Ensure shortfalls are on order.

(c) ATG will grade selected REs to determine the level of proficiency that has been sustained since the last Basic Phase. A grade will be assigned to each mission area based upon the average of RE scores. That grade will be reported for that mission area in the READ-E 3 Report (per Appendix E).

(d) Any mission area receiving a grade of 70 or lower will require refresher training (e.g., Limited Training Team (LTT)) based upon the ship's upcoming schedule. While the results of READ-E 3 will not de-certify or suspend a ship's certification, with the exception of MOB-A, a lack of proficiency may impact the ship's ability to perform operational tasking.

(e) Pre-fire checks will be accounted for a duration of three years for all weapons systems.

(f) Ensure that adequate standards of cleanliness, preservation, and stowage are being maintained.

(3) ISIC Actions. Conduct CRAV. The ADCON ISIC will review programs not already reviewed in Steps One or Two per reference (a).

(4) TYCOM Safety Office Actions. Review SOH and Environmental Programs: TYCOM Safety Office will assess SOH and Environmental Programs using INSURV (Occupational Health and Environmental Protection) checklists. Report will be provided directly to ship SEPCOR.

4. Reporting Requirements. The TYCOM will send a READ-E 3 Report, based upon input from ATG, within five working days of completing all sub-events, except SOH and Environmental Programs Review, per Appendix A.

#### **604. READINESS Evaluation 4 (READ-E 4)**

1. READ-E 4 is a TYCOM-led assessment of the ship's readiness to exit the Maintenance Phase. READ-E 4 is conducted at the end of the Maintenance Phase, nominally in the last three weeks. It is comprised of six events: Main Reduction Gear Health Assessment (MRGHA), LOA, Crew Certification, Dock Trials/Fast Cruise, Squadron/Group Staff Navigation Assessment, and Contractor (KTR) Sea Trials. TYCOM N43 will coordinate the scheduling of the MRGHA.

#### 2. Sub-events

a. Main Reduction Gear Health Assessment. The MRGHA is conducted in port prior to LOA. The purpose of the MRGHA is to ensure the main reduction gear and supporting systems are ready to support underway operations. The MRGs, Vent Fog Precipitators, Dehumidifiers, and LO Service and Purification Systems (to include SICLOS/LODF inspection), and the LOQM Program (to include pre-underway LO samples) will all be verified prior to getting underway. A subsequent check of the MRG, Vent Fog Precipitators, Dehumidifiers, LO Service and Purification Systems (to include SICLOS) will take place after the ship gets underway for KTR Sea Trials.

b. LOA. The LOA will be conducted by Engineering Assessments Pacific/Atlantic (EAP/EAA) and augmented by the ADCON ISIC or TYCOM Staff as required. The purpose of LOA is to ensure the ship is capable of safely lighting off and operating its engineering plant prior to going to sea (Sea Trials included) when exiting a CNO Availability or any significant maintenance period (120 days or greater in length), or when the TYCOM deems it necessary. LOA must be scheduled after the availability PCD as outlined in reference (b).

c. Crew Certification. The TYCOM or ADCON ISIC (if delegated by TYCOM) will conduct Crew Certification on all new construction ships and ships with maintenance periods

greater than or equal to 60 days. New construction ships will conduct Crew Certification per reference (c). The purpose of Crew Certification is to perform a thorough review of the ship's overall training program and an assessment of their ability to provide an adequate number of qualified crew members to support safe operations at sea, to include Sea Trials. This determination will be based on accomplishing selected exercises, material checks of key Deck/Navigation/Safety equipment, and LOK testing of training team members if not already accomplished during FTA 1.

(1) Minimum requirements, outlined in Section 604.3.b, may be increased based on an analysis of each ship's specific needs.

(2) Temporary augments or "borrowing" personnel from other commands for the purpose of meeting Crew Certification requirements are prohibited, unless it is a TYCOM directed TEMADD.

d. Dock Trials and Fast Cruise. The TYCOM or ADCON ISIC (if delegated by TYCOM) will supervise the conduct of Dock Trials and a Fast Cruise during a CNO Availability per reference (b). The overall objectives are to train the crew and determine their ability to take the ship to sea safely in a peacetime environment. Dock Trials tests the engineering plant's readiness for sea, and Fast Cruise ensures that the crew is ready and qualified to perform at-sea operations. Equipment should be energized and operated as much as possible; only items that cannot be performed will be simulated. Dock Trials and Fast Cruise requirements are contained in reference (b), Volume II, Part I, Chapter 3, Appendices I and J.

(1) Reference (b) requires ships to conduct Dock Trials and a Fast Cruise following a CNO Availability, and a Fast Cruise following a CMAV of four weeks or greater. In addition, a Fast Cruise must also be conducted following a prolonged period (60 days or greater) inport.

(2) Other work should not be performed on the ship during this period.

(3) The Fast Cruise must be completed within 1-3 days prior to Contractor (KTR) Sea Trials.

e. Squadron/Group Staff Navigation Assessment. The Squadron/Group Staff Navigation Assessment (e.g., "Nav Check Ride") will be conducted per reference (d).

f. Contractor (KTR) Sea Trials. Reference (b) requires that ships conduct KTR Sea Trials following a maintenance availability as a final determination of the ship's material readiness and ability to rejoin the Fleet.

3. Lead Organization. The lead organization for READ-E 4 execution is the TYCOM. The TYCOM may choose to delegate lead organization responsibilities to the ADCON ISIC. EAP/EAA will be the principal executive agent for LOA. The TYCOM (CNSP/CNSL N43 (as appropriate)) or the TYCOM's designated representative (ISIC) will designate the READ-E 4 Event Coordinator.

a. The notional duration is 3 weeks. Due to the nature of the READ-E 4, many of the sub-events must be conducted in series. The notional duration for each sub-event is as follows: LOA, 3-5 days; Crew Certification, 3-4 days; Dock Trials/Fast Cruise, 2 days; KTR Sea Trials: 2-3 days.

b. The READ-E 4 is conducted following these major steps:

(1) Step One. Schedule of Events (SOE) Approval. Ship/ISIC submit Dock Trials, Fast Cruise, and KTR Sea Trials SOEs to the TYCOM (CNSP N43/CNSL N43) for approval at least 14 days in advance of READ-E 4. Examples of SOEs may be obtained from the TYCOM Lead.

(2) Step Two. Perform Pre-READ-E 4 Requirements.

(a) Pre-LOA Training Visit. ATG will provide all necessary inport training that will assist the ship in successfully executing LOA. The training visit will include, at a minimum:

1. Electrical Safety training
2. Tag Out training
3. Oil Spill Prevention seminar
4. Space safety walk through
5. Intake/Uptake inspection
6. Review and development of material check packages
7. LOA SOE review
8. Safety settings list review
9. Master Pre-Light Off Checklist (MLOC)/Light Off orders review
10. Main Space Fire training
11. Material Check coordination and training
12. Prepare MRG and Lube Oil System for assessment

(b) Perform Damage Control Material Assessment (DCMA). Damage Control equipment must be cleared to support light off during a DCMA, nominally conducted 30 days prior to LOA.

(c) Level of Knowledge (LOK) exam administered to training team, if not already provided during FTA 1.

(d) The ship will meet Navigation requirements per reference (d).

(3) Step Three. Perform MRGHA.

(4) Step Four. Perform LOA.

(a) EAP/EAA will assess the engineering management programs. A minimum grade of READY TO SUPPORT LIGHT OFF is required for all engineering management programs below:

1. PQS
2. Engineering Training
3. Lube Oil Quality Management
4. Fuel Oil Quality Management
5. Legal Records
6. Diesel Readiness System
7. EOSS
8. Operating Logs
9. Quality Assurance
10. MGTESR-WebLog
11. DFS
12. Boiler Water/Feed Water (BW/FW)

(b) EAP/EAA will assess the Safety and Occupational Health (SOH) programs as EFFECTIVE, PARTIALLY EFFECTIVE, or NOT EFFECTIVE per ASA checksheets. A minimum grade of PARTIALLY EFFECTIVE is required for all SOH programs below:

1. Heat Stress
2. Hearing Conservation

3. Tag Out

4. Electrical Safety

(c) EAP/EAA will verify that Engineering Damage Control equipment meets reference (e).

(d) Firefighting capability assessment is based on the absence of fire hazards, the material condition of main propulsion and auxiliary space damage control equipment, repair locker readiness, and the main space fire drill conducted by the underway repair organization.

(e) Conduct a main space fire drill.

(f) A material assessment will be based upon the following items:

1. Equipment material checks

2. Ship's self-assessment and documentation of material deficiencies (e.g., 8 O'clock reports, DFS, etc.)

3. Operating conditions of equipment and systems as observed during the assessment

4. Overall preservation, stowage, and cleanliness of the propulsion plant and auxiliary spaces

(g) Machinery sufficient to meet minimum equipment standards must be in commission or a CLEAR PATH TO LIGHT OFF must exist for the equipment not in commission. A CLEAR PATH TO LIGHT OFF is defined as a point where equipment has either passed cold checks or all cold checks have been completed to the point where a specific casualty or discrepancy is identified. EAP/EAA, ISIC, and ship's force will coordinate to accomplish all material checks. Material findings may include:

1. Items of Priority (IOP): IOPs are items that require outside repair, technical assistance, or are repairable by ship's force, but cannot be corrected during the limited duration of an assessment. Some specific IOPs may include:

a. Design, supply support, manning, technical documentation, material reliability, or component operating procedures that are either in conflict with technical directives or require clarification.

b. A technical problem exists or is discovered that the ship has not resolved.

c. EOSS revalidation/configuration check is required.



d. Material deficiencies that require significant outside assistance to correct.

2. Restrictive: A Restrictive is a piece of equipment found to be unsafe to operate, has a safety device out of periodicity, or does not operate per EOSS or PMS parameters. A DFS may be submitted, but in no case will the equipment be operated if, in the judgment of the Senior Assessor, the continued unrestricted operation could endanger personnel or the equipment. The equipment will not be operated until repairs are completed and the applicable safety checks completed and documented.

3. Items of Concern (IOCs): IOCs include issues that do not fit into the IOP or Restrictive category but, in the opinion of the Senior Assessor, should receive command attention.

(h) Hot Plant Testing

1. Provisions exist for the operation of equipment during a ship's maintenance period prior to LOA. Temporary operation is authorized exclusively for the purpose of conducting equipment installation and operational testing. In this case, a ship may operate propulsion and electrical systems but may not get underway under its own power. This provision is primarily for electrical generation testing and run-in.

2. Ship and ISIC engineering leadership will conduct a SAFE TO START assessment prior to hot plant testing. ISICs may request EAP/EAA assistance (if available) in conducting the assessment. Completed checks validate LOA material checklist requirements, provided the SAFE TO START is conducted within 30 days of the LOA.

3. The ISIC will report completion of the "Safe to Start" assessment to the TYCOM via naval message and include the Hot Plant Testing timeline and SOE. An ISIC representative must be onboard to personally observe all starts of engines and generators and to verify their operation is within required parameters. An example of the message is provided in Appendix B.

4. In the event that industrial work was accomplished to engines which require certification from a certified inspector (Diesel Engine Inspector, Marine Gas Turbine Inspector, Steam Generating Plant Inspector), an inspector is required to participate in the "Safe to Start" assessment.

5. Early hot plant testing, regardless of result, does not preclude the requirement to conduct a complete LOA.

6. Ship's engineering leadership will ensure the following prior to operating any equipment:

a. Affected space is free of flammable hazards and can be properly isolated. All doors and hatches must be capable of being secured shut. Ellison doors are installed and

operate per applicable PMS.

b. All installed and portable firefighting systems are operational to include a fully operational ventilation system.

c. Ship's At-Sea Fire Party and repair lockers manned per the ship's Damage Control Book.

d. All required support systems and safety devices have been validated and tested.

e. All associated Lay-Up/Start-up PMS is complete.

f. Administrative and safety programs are observed for deckplate compliance.

g. DCMA complete

(5) Step Five. Perform Crew Certification.

(a) Review completed and scheduled training to support minimum underway watch qualifications for evolutions required during Sea Trials.

(b) Conduct oral examination of selected underway watchstanders regarding their knowledge of emergency/casualty bills and general ship operating procedures.

(c) Review ship-wide training and administration:

1. Command Training and PQS Programs

2. Sea and Anchor Detail Watch Bill

3. Condition III/IV (as applicable) Underway Watch Bill (including 2 qualified/interim qualified watch sections, Small Boat Operations (deck and boat crews), SAR swimmers, and a Combat Systems Officer of the Watch (CSOOW) organization if CSOSS is implemented and if not, a Repair 8 organization)

4. General Quarters Bill (including 3 qualified/interim qualified Repair Lockers)

5. Man Overboard procedures

6. Helicopter Operations Bill

7. Ship's Organization and Regulations Manual (SORM)

8. Accuracy of R-ADM (personnel, training, PQS, etc.)

9. WTRP

10. Command Safety Program

11. Pre-Underway and Pre-Entering Port Checklists (Master Lists and each Departmental List)

(d) Review departmental training and administration:

1. Departmental Training and PQS Programs

2. Safety precautions

3. Operational and emergency bills

4. Manning, including Billets Authorized (BA) and Current Onboard (COB); critical schools; and critical NECs

5. Training program and records, with focus on:

a. Ship Control, Auxiliaries, Steering

b. Magazine sprinklers

c. Damage Control, including Repair Lockers

6. Adequacy and availability of documentation for equipment and systems operation (plans, instructions, books, pre-underway check-off lists and PMS/operational tests of equipment prior to underway)

7. Departmental organizational manual

8. Standing Orders and Battle Orders

9. Shipboard doctrines

10. Quality Assurance (QA)

11. 3M system

12. Ship Configuration and Logistics Support Information System (SCLISIS) database training and operation.

13. Familiarity with operational reports such as Movement Report, Casualty Report, DRRS-N, and voice/message communications procedures (oral interviews and practical demonstration as feasible).

14. CSOSS

15. Boat Crew Qualifications

(e) Verify the ship has maintained the required TORIS Mission Area FOM level (80% or greater) during the maintenance period in the 3M, Anti-Terrorism, CYBER, Explosive Safety, FSO-M, MOB-D, and Supply mission areas.

(f) Navigation. The following areas will be assessed:

1. 100% of Navigation critical schools/non-critical schools/critical NECs
2. Navigation equipment (minimum equipment required)
3. Ship's bills and directives
4. Visual, Signaling, Navigation equipment inventory and alignment
5. Marine Mammal Mitigation Program

(g) Seamanship. The following areas will be assessed:

1. MOB-S Administration
2. Ship's Bills
3. Deck equipment including small boats

Note: Must meet MOB-S Redlines criteria.

(h) Search and Rescue (SAR). The following areas will be assessed:

1. Critical Schools and NECs
2. SAR equipment for each swimmer
3. SAR logs to verify required proficiency
4. SAR Admin

(6) Step Six. Dock Trials. Dock Trials are conducted per reference (b), Volume II Part I, Chapter 3, Appendix I.

(7) Step Seven. Fast Cruise.

(a) Fast Cruise is conducted per reference (b), Volume II Part I, Chapter 3, Appendix J.

(b) The following conditions will be established to support Dock Trials and Fast Cruise:

1. The ship will be on ship's power.
2. All telephone lines, power lines, service connections, and brows will be disconnected or removed with the exception of one phone line for official use only.
3. Provisions for discarding trash and garbage should be provided by the shipyard.
4. Additional drills and operations are at the discretion of the Commanding Officer.
5. The ship should be operated as if underway, simulating the various evolutions required for safe operation of the ship.
6. Each underway section should be exercised in the evolutions that are normally performed on a watch section basis.

(c) The following events will be demonstrated:

1. Make all preparations for getting underway. Validate Underway checklists, CSOSS, and the Master Pre-Light Off Checklist (MLOC).
2. Light off propulsion plant, auxiliaries, combat system, communication equipment, and navigation equipment.
3. Station the Special Sea and Anchor Detail.
4. Simulate getting underway. Simulate transit, performing all evolutions and operating equipment as required.
5. Conduct a Harbor Navigation Package exercising all modes of navigation (piloting, electronic, visual, radar).
6. Station the normal underway watch. Cycle through all sections.

7. Conduct a walk-through of all major KTR Sea Trial evolutions.
8. Exercise the Low Visibility Detail with S&A and COND III watch teams.
9. Walk-through/Conduct the following emergency drills:
  - a. Fire
  - b. Collision
  - c. Flooding
  - d. Abandon Ship
  - e. Man Overboard Recovery (Boat)
  - f. Loss of electrical power to navigational radar and communications equipment
  - g. Loss of Interior Communications
  - h. Steering Casualty
  - i. Selected Engineering Operational Casualty Control (EOCC) drills to verify interior communications
  - j. First Aid Drills (11 Basic Wounds)
  - k. Patient Transport
  - l. Helicopter Firefighting for Air-Capable Ships (ACS) (if MOB-A ARQ has not been completed in last 30 days)
  - m. Flight Deck Fire Drill with Ordnance for Amphibious Assault Aviation Ships (AAS) (if MOB-A ARQ has not been completed in last 30 days)
10. Set General Quarters including setting Material Condition of Readiness ZEBRA and YOKE/MODIFIED ZEBRA.
11. Verify and operate all interior communications circuits.
12. Validate ability to support Communications Plan required for Sea Trials. Test as many circuits as possible including Bridge-to-Bridge.
  - a. Operate Tactical Data Link(s)

Frequency                    b. Demonstrate Radio Frequency Operations for High Frequency/Ultra High

c. Demonstrate Ultra High Frequency satellite communications operations

d. Set and Modify Emissions Control (EMCON)

13. Simulate anchoring.

14. Exercise At-Sea Fire Party and/or tiered response.

15. Spot check storage and availability of spare parts and tools. Verify adequacy of stores and provisions.

(8) Step Eight. Squadron/Group Staff Navigation Assessment.

(a) Conduct Squadron/Group Staff Navigation Assessment per Appendix A of reference (d).

(b) The following underway drills must be successfully demonstrated:

1. Low Visibility Navigation

2. Respond to a Loss of Gyro

3. Respond to a Loss of Primary Sensor and Loss of Primary Display (ECDIS-N equipped ships)

4. Loss of Steering Casualty

(c) BRM and special evolutions training must be successfully validated.

(9) Step Nine. Contractor (KTR) Sea Trials.

(a) KTR Sea Trials are conducted per ref (a), Volume II Part I, Chapter 3, Appendix K.

(b) All LOA IOPs, Restrictive, and IOCs have been addressed and all outstanding material checks must have a plan for correction prior to commencing KTR Sea Trials.

4. Reporting Requirements.

a. The TYCOM will send a READ-E4 Report within five working days of completing all sub-events (LOA, Crew Cert/Fast Cruise, Navigation Assessment, and Contractor Sea Trials) per Appendix E Sample 22.

- b. EAP/EAA will transmit an LOA Report within five working days via naval message per Appendix B.
- c. The ISIC will transmit a Crew Certification Report per Appendix B.
- d. The Squadron or Group Staff will transmit a Navigation Assessment Qualification Report per reference (d).
- e. The ship will transmit a Fast Cruise Completion message per reference (b), Volume II, Part I, Chapter 3, Appendix AB.

#### **605. READINESS Evaluation 5 (READ-E 5)**

1. READ-E 5 is a TYCOM-led assessment of the ship's material readiness to commence Basic Phase training. It is conducted throughout the Shakedown Phase and its nominal duration is one month. READ-E 5 is comprised of four events: Post-Availability TSRA, Mobility and Tactical Equipment Validation (those not completed during FTA 1 or after), CMAV, Ready for Sea Assessment (RFSA)/TYCOM Sea Trials. TYCOM will be responsible for de-conflicting the various events.

#### **2. Sub-events**

a. Post-Availability TSRA. This TSRA is a ship-wide material condition assessment conducted by RMC in conjunction with READ-E 5. RMC's participation will ensure appropriate technical representation is available to document deficiencies to expedite repairs in support of training and deployment. The Post-Availability TSRA is dedicated to ensuring systems not tested during KTR Sea Trials are operational and ready to support training. This period includes material checks necessary for Basic Phase Training. Systems tested during READ-E 4 as part of LOA, Crew Certification, or Contractor Sea Trials need not be tested again unless additional work is required or the Senior Assessor deems the importance of the event to warrant additional testing. The Post-Availability TSRA will be conducted per reference (f).

b. Mobility and Tactical Material Checks. Material Checks are conducted coincident to the Post-Availability TSRA to ensure the ship systems are ready to support Basic Phase and follow-on training. ATG will provide the oversight necessary to educate, train, and assess material readiness. The same standards of readiness (PMS, technical manual, etc.) should be understood and applied by the responsible agencies whether an event's primary purpose is the Post-Availability TSRA, Material Checks, or TYCOM Sea Trials. Material checks previously completed during FTA 1 or after need not be redone unless there was a change in status since previously completion, that will affect Basic Phase training.

c. CMAV. A CMAV may be scheduled during READ-E 5.

d. RFSA/TYCOM Sea Trials. The RFSA/TYCOM Sea Trials offer the opportunity to demonstrate the basic requirements to conduct combat operations at sea. The results of KTR Sea



Trials may serve as the TYCOM required demonstrations. Ships will propose a three-day SOE incorporating the following demonstrations to the TYCOM via the ISIC. Sample SOEs by ship class are located at the TMIT website: <https://cpf.navy.deps.mil/sites/cnsp/TMI>. Day 1 will be inport administration and equipment checks. Days 2-3 will be underway drills and demonstrations, as listed on the Draft SOEs. The following areas will be reviewed:

(1) Inport Demonstration is made-up of a material inspection, training team/watchstander proficiency assessment, and program reviews. Ships who fail to satisfactorily meet minimum criteria will be assessed as NOT READY FOR SEA. Ships assessed as NOT READY FOR SEA at the end of Day One, will not go to sea for the remainder of the events. CNSP/CNSL will recommend to the operational commander that ships assessed as NOT READY FOR SEA remain in port, pending completion of a CNSP/CNSL approved remediation plan:

Note: To gain efficiencies and reduce redundancy, checks and events conducted as part of the READ-E 4 will count toward those checks conducted for the RFSA/TYCOM Sea Trials and will not have to be re-demonstrated during the READ-E 5 for the purpose of satisfying the RFSA/TYCOM Sea Trials requirement.

- (a) 3M
- (b) Navigation Administration and Equipment
- (c) Damage Control and Repair Party Manual
- (d) Deck / SAR Administration and Equipment
- (e) Watchbills / Watch Team Replacement Plans
- (f) PQS Program / R-ADM Accuracy
- (g) Special Evolutions Bills
- (h) Critical Schools / NECs
- (i) Certification Status
- (j) Training Team Administration and Qualifications
- (k) Long Range Training Plan
- (l) Steering Gear
- (m) Communications Equipment
- (n) MLOCs (from last underway)

- (o) CSMP
  - (p) Departure from Specifications (DFSs)
  - (q) Temporary Standing Orders (TSOs)
  - (r) Local Operating Procedures (LOPs)
  - (s) Bearing/MRG Inspection Records
  - (t) ISEA Advisories
  - (u) Technical Assist Visit Reports
  - (v) 8 O'clock Reports / Significant CASREPs
  - (w) ICAS / IPARS Data
  - (x) Engineering / Deck Logs
  - (y) Sea Detail Brief (ORM and PBED)
- (2) Underway Demonstrations:
- (a) Harbor Navigation Drill Package
  - (b) Bridge / CIC Watch Team Coordination
  - (c) Condition III Loss of Steering Drills
  - (d) Man Overboard with Small Boat Recovery Drill
  - (e) Precision Anchorage
  - (f) Full Power (per OPNAVINST 9094.1 Series)
  - (g) Quick Reversal (per OPNAVINST 9094.1 Series)
  - (h) Steering (per PMS MIP Series 5600)
  - (i) Propulsion Systems Control Equipment Checks (per PMS)
  - (j) Anchor Drop (per PMS MIP Series 5811)
  - (k) Self-Defense Detect-to-Engage (per INSURVINST 4730.21 Series)

- (l) Area Defense Detect-to-Engage (per INSURVINST 4730.21 Series)
- (m) Undersea Warfare Detect-to-Engage (per INSURVINST 4730.22 Series)
- (n) Gunnery Demonstrations (<https://usff.portal.navy.mil/sites/insurv/inspections>).
- (o) Demonstrate operability of voice circuits (on air checks for all radios in all modes and all crypto devices), all data links in all modes, CEC, and Networks (ISNS, ADNS, NIAPS, CANES, CENTRIXS, GCCS-M, all switches and routers)
- (p) Ballast and De-ballast (per SIB, Ship's Ballast Instruction, EOP and PMS)
- (q) Halon and AFFF operational checks (per PMS as applicable)
- (r) Mine Hunting/Sweeping (per INSURVINST 4730.22 Series)
- (s) Crane operational checks (per PMS MIP Series 5891/024)
- (t) SLQ-32 / ULM-4 (per PMS as applicable)
- (u) FURY range (as applicable)

Note: If the Counter Measure Wash-Down demonstrated during the READ-E 4, per reference (b), is not completely satisfactory, it will be redemonstrated during the READ-E 5.

3. Lead Organization. The lead organization for READ-E 5 execution is the TYCOM with support from ATG and the applicable RMC. The TYCOM with RMC and ISIC augmentation as required will conduct TYCOM sea trials.

a. The notional duration is 4 weeks. The duration of READ-E 5 is dependent on the class of ship and the intrusiveness of the CNO Availability. Ships with CNO Availabilities that last 6 months or longer will be provided 5 weeks. MCMs and PCs with CNO Availabilities less than 6 months will be provided 3 weeks. All other ship classes with CNO Availabilities less than 6 months will be provided 4 weeks.

b. The READ-E 5 is conducted following these major steps:

(1) Step One. SOE Development

(a) TYCOM, ISIC, ATG and RMC confer to schedule required demonstrations and other assessments.

(b) TYCOM promulgates system assessments and demonstrations list and schedules the Post-Availability TSRA, Equipment Validation (generally concurrent to Post-Availability

TSRA), and TYCOM Sea Trials. The events should be concurrent to the maximum amount possible, noting that TSRA is inport and Sea Trials are underway.

(c) Working with the ISIC ship's force will develop the detailed SOE, coordinate all services, (e.g. targets for DTE demonstrations), operational areas, and NCEA for required demonstrations.

Note: Live training is the preferred method of demonstration; however, if resources are not available, simulator training may be used.

(2) Step Two. Pre-event Team Preparation and Material Review

(a) TYCOM appoints READ-E 5 Event Coordinator and Senior Assessor.

(b) Senior Assessor and Event Coordinator identify expertise necessary to conduct scheduled events.

(c) Event Coordinator coordinates support with external agencies as necessary to identify READ-E 5 assessment teams.

(d) Senior Assessor holds pre-event coordination meeting with assessment teams' coordinators. The agenda includes, but is not limited to, a review of the unit's DRRS-N status, CASREPs, CSMP, and SOE, especially the Contractor and TYCOM Sea Trials and Post-Availability TSRA SOE(s).

(e) A second pre-event coordination meeting may be required to adjust the schedule based on the results of READ-E 4, especially the LOA and Contractor Dock & Sea Trials.

(3) Step Three. Conduct READ-E 5 SOE

(a) READ-E 5 assessment teams travel to meet ship as necessary to embark for Post-Availability TSRA, Equipment Validation, and TYCOM Sea Trials.

(b) Ship conducts READ-E 5 SOE and administrative support in-briefs.

(c) Cold checks completed as applicable/necessary, generally during Post-Availability TSRA and Equipment Validation.

(d) Hot checks completed as applicable/necessary.

(e) Underway checks and demonstrations completed during TYCOM Sea Trials.

(f) Senior Assessor conducts hot-wash.

(4) Step Four. Compile Results

(a) Assessment team reviews results and compiles report to identify recommendations for work in next CMAV or Window of Opportunity (WOO). Repairs may also be identified that require correction before Tier 1 or Tier 2 training.

(b) Senior Assessor reviews and approves report adding recommended additions to ship's training and readiness plans.

(5) Step Five. Document Results in CSMP

(a) Ship's Maintenance Team compares READ-E 5 report to CSMP and availability work package(s).

(b) Port Engineer brokers/schedules work as appropriate in next availability or future availabilities.

4. Reporting Requirements.

a. The Senior Assessor will provide CNSP/CNSL N4 an in-stride status report at the end of each day and a written report within 5 working days of completion. TYCOM will keep USFF, CPF, and the appropriate Fleet Commanders apprised of TYCOM Sea Trials results.

b. RMC will transmit a TSRA Completion message per reference (f).

**606. READINESS Evaluation 6 (READ-E 6)**

1. READ-E 6 is a TYCOM-led assessment comprised of three events: Material Inspection (MI) SOE Rehearsal, an Industrial Hygiene (IH) Survey, and a CMAV.

2. Sub-events

a. MI SOE Rehearsal. An MI SOE Rehearsal will be coordinated by TYCOM with readiness assessment assistance teams (as required). The SOE rehearsal will be notionally 4 days, consisting of days 1 and 2 underway, and days 3 and 4 in port. MI SOE Rehearsals will be conducted per the INSURV Inspection Guides (IIG) and the INSURV master event list located at the INSURV website (<https://usff.portal.navy.mil/sites/insurv/inspections>).

b. IH Survey. Following the MI SOE Rehearsal, the local Medical Treatment Facility Industrial Hygienists will conduct a periodic IH Survey, per reference (g), to identify workplace hazards, characterize risk, and develop appropriate controls to reduce hazards. The IH Survey lasts approximately 1-2 days depending on ship class size.

c. CMAV. A dedicated maintenance period is provided to correct any remaining deficiencies to support Tier 2 training and prepare the ship for the upcoming Advanced and Integrated Phases.

3. Lead Organization. The lead organization for READ-E 6 execution is the TYCOM, with support from INSURV Readiness Assistance Team (IRAT), and the applicable ATG, IWTG, and Medical Treatment Facility. The TYCOM (CNSP N45/CNSL N44 (as appropriate)) will designate the READ-E 6 Event Coordinator.

a. The notional duration is 4 weeks with 2-3 days underway. The first week will consist of an MI SOE Rehearsal and the remaining three weeks will be a combination of Tier 2 Material Validation, IH Survey, and a CMAV.

b. The READ-E 6 is conducted following these major steps:

(1) Step One. MI SOE Rehearsal

(a) CNSP N45 / CNSL N44 (as appropriate) will assess the ship's performance of the MI SOE per reference (h) or (i) as applicable.

(2) Step Two. IH Survey

(a) The details of an IH Survey are contained in reference (g).

(3) Step Three. CMAV

(a) A CMAV will be conducted per reference (b).

4. Reporting Requirements.

a. The TYCOM will send a READ-E 6 Report within five working days of completing all sub-events (MI SOE Rehearsal, IH Survey, and CMAV) per Appendix E.

b. CNSP N45 / CNSL N44 (as appropriate) will provide an MI SOE Rehearsal After Action Report of per reference (h) or (i) as applicable.

c. The Medical Treatment Facility will provide an IH Survey Report per reference (g).

#### **607. READINESS Evaluation 7 (READ-E 7)**

1. READ-E 7 is a TYCOM-led assessment to support material readiness for deployment and both preparation and execution of an INSURV MI or TYCOM MCI. READ-E 7 may be tailored to the specific ship's needs. Typically, READ-E 7 will consist of a combination of MI SOE Rehearsal(s), a maintenance period, and the actual MI. The INSURV MI or TYCOM MCI will be scheduled where it best fits for an individual ship in either the Integrated Phase or Sustainment Phase. When the INSURV MI or TYCOM MCI is scheduled in the Sustainment Phase a READ-E 2 is required. The READ-E 7 MI SOE Rehearsal and CMAV events will continue to occur in the Integrated Phase.

2. Sub-events

a. **MI SOE Rehearsal.** An MI SOE Rehearsal will be conducted only for those OFRP cycles where an INSURV MI is scheduled to occur and will be coordinated by TYCOM with assessment assistance from the ISIC (if applicable). RMC may also provide assistance if warranted and the resources are available. Days 1 and 2 will be used to execute the underway portion of the SOE. Following return to homeport, ships will continue with inport material checks until complete. MI SOE Rehearsals will be conducted per reference (i) or (j), as applicable.

b. **CMAV.** A CMAV may be scheduled during READ-E 7 per reference (b).

c. **INSURV MI.** INSURV will conduct Material Inspections per references (k) and (l).

d. **TYCOM MCI.** Commander, Naval Surface Forces Pacific (COMNAVSURFPAC) will conduct TYCOM MCI per reference (j), and Commander, Naval Surface Forces Atlantic (COMNAVSURFLANT) will conduct TYCOM MCI per reference (i). INSURV may support the MCI.

3. Lead Organization. The lead organization for READ-E 7 is the TYCOM. If the Pre-Deployment TSRA and / or Ballistic Missile Defense Readiness Assessment (BMDRA) is scheduled during the READ-E 7 CMAV, RMC will be an additional participant. The TYCOM (CNSP N45/CNSL N44) will designate the READ-E 7 Event Coordinator.

a. The notional duration is 5-6 weeks. Ships will be provided one week to execute the MI SOE rehearsal, three to four weeks to address any major concerns (notional CMAV window), followed by one week to execute the MI or MCI.

b. The order, composition, and length of each event will be determined based upon ship's schedule and the specific needs of each ship. The TYCOM READ-E 7 Event Coordinator will confer with the ship and the ISIC to determine the optimal schedule at least 60 days in advance of the MI event.

4. Reporting Requirements.

a. INSURV will provide results of the INSURV MI per reference (l).

b. The TYCOM will provide results of the TYCOM MCI per reference (i) or (j), as applicable

## Appendix A

### **NAVAL SURFACE FIRE SUPPORT (NSFS) QUALIFICATION**

- Ref: (a) NTTP 3-02.2M Supporting Arms Coordination in Amphibious Supporting Arms in Amphibious Operations  
(b) Naval Warfare Publication Amphibious Warfare (AMW) Exercises FXP 5 (REV. B)  
(c) ATP 4 Allied Naval Gunfire Support  
(d) MCWP 3-16 Fire Support Coordination in the Ground Combat Element

#### **1. PREPARATION FOR TRAINING**

a. Publication Familiarity. All NSFS team and Combat Systems Training Team (CSTT) members shall be familiar with pre-course requirements course guides posted on the ATG Tool Box for required reading, minimum equipment and mission area administration prior to commencing the NSFS training continuum. Certificates for Marine Net Basic Call for Fire and Advanced Call for Fire courses will be submitted to the assessor during NSFS Administrative/Material External Review.

b. Experience and Equipment Familiarity. This training does not include fundamental training in gunnery procedures, equipment operations, radio-telephone procedures, or basic navigation. Personnel assigned to training will possess at least a basic understanding of their assigned position and have, at a minimum, an interim PQS qualification to perform the tasks which fall under their cognizance.

c. A pre-arrival letter or naval message will be sent prior to the scheduled training. The message will reiterate much of the above and give additional guidance in preparing for training.

d. Training Operational Order (OPORD). The EWTGPAC/LANT or CSCS DET Yokosuka training team will provide the necessary OPORD and charts during training.

**2. NSFS MANNING REQUIREMENTS.** Personnel required for team training are captured within the ASA checklists. WTCC requirements are captured in Chapter 5. Three CSTT members are required for the Mobile Training Team (MTT) COI, with exception of the NFCS COI, which only requires two CSTT members. CSTT members are required to attend the courses to support a continuum of onboard scenario development between formal MTTs and to provide depth and redundancy to the watch team replacement plan (WTRP).

#### **3. NSFS QUALIFICATION**

a. Ships accomplish NSFS qualification by completing NSFS Team Training per paragraph 4 below and conducting a graded live Fire Exercise (FIREX).

b. Ships must conduct an NSFS Qualification once per OFRP. This is accomplished as part of the STW mission area certification process. This process consists of the following:



- (1) STW NSFS Administrative Self-Review
- (2) STW NSFS Administrative/Material External Review
- (3) STW NSFS Focused Team Training (FTT)
- (4) STW NSFS Mobile Team Training (MTT)
- (5) STW Naval Fires Control System (NFCS) MTT (if equipped)
- (6) STW NSFS Live Fire Exercise (FIREX)

#### 4. NSFS QUALIFICATION PROCESS

**a. STW NSFS Administrative Self-Review.** This phase is conducted in port by the ship's NSFS team and CSTT. The review will consist of long and short range NSFS training plans in addition to NSFS minimum equipment to support mission execution. Checklists are also available on the ATG Toolbox (<https://atg.ncdc.navy.mil/toolbox/private/index.htm>) to assist in the review. Deficiencies identified during self-review will be reported to EWTG/CSCS. At conclusion of review, the ship will send a formal NSFS Readiness for Training and Qualification Message (Appendix E).

**b. STW NSFS Administrative/Material External Review.** EWTG/CSCS led event supported by ATG/ISIC as available/required. This phase is conducted in port and consists of an administration and minimum equipment assessment. Gunnery Liaison Officer (GLO)/Weapons Officer and supporting NSFS team members must be available to support. All items annotated in ASA checksheets, as applicable, are required for the ship to proceed to the NSFS FTT. Additionally, ships will complete a NFCS communications assessment during this phase.

**c. STW NSFS Focused Team Training (FTT).** This phase will be conducted pier side or at the shore based trainer (LANT ships only). FTT consists training on NSFS basic fundamentals tailored to team weaknesses. An emphasis will also be placed on training CSTT to ensure the ship is able to conduct internal training through Sustainment Phase.

(1) FTT is recommended to be scheduled within 4 months of the NSFS FIREX.

(2) During this phase, NSFS instructors may recommend changes to team member placement. At the conclusion of FTT, NSFS team members are required to remain the same throughout Basic Phase certification. To maintain continuity, every effort should be made to ensure projected rotation dates (PRDs) for NSFS team members are at least 12 months from conclusion of certification, FTT but preferably through the next deployment.

(3) EWTG/CSCS will evaluate the team's readiness and provide a recommendation for additional training, if necessary, prior to NSFS Mobile Team Training (MTT).

**d. STW NSFS Mobile Team Training (MTT).** Ship's NSFS team, NFCS personnel (if equipped), and CSTT members receive classroom instruction in procedures and techniques for their specific tasks. Personnel are then integrated into the team to develop proficiency and coordination on installed shipboard equipment. Training devices are employed to convert plotting room procedures into fall-of-shot-impact location to determine the accuracy of, or any errors in, these procedures. Team performance is evaluated, procedural errors are pointed out, and future effectiveness of the ship as an NSFS unit is evaluated.

(1) NSFS MTT is recommended, but is no longer required, to be conducted within 90 days of the NSFS FIREX. MTT is required to be conducted within Basic Phase prior to conducting the NSFS FIREX. This MTT is to be conducted pierside, or at the shore based trainer (LANT ships only).

(2) NSFS team members will be prepared to train from 0730 – 1630 without interruptions including appointments, duty, or other scheduled events. NSFS MTT is a difficult course of instruction and full attention of the ship and team are required. It is strongly recommended that all team members are removed from in port watch bill (to include late night watches). Additionally, ships will avoid scheduling competing ship-wide events (e.g. berth shifts, security drills in Combat Information Center (CIC), AEGIS system maintenance) that would negatively impact training.

(3) The passing score for the NSFS MTT COI is 75%. At the end of each training day, a Progress Test (Practical) covering the day's material will be administered to the ship's NSFS team. Each day's practical must be passed to proceed onto the next day's instruction. At the completion of training, a comprehensive battle problem will be presented as well as a written examination for all team members, including CSTT. If a team receives a failing grade on any practical test or the battle problem, they will be remediated and retested on the failed area(s). Failure of a retest will constitute failure of the COI. If a team receives a failing grade on the Final Written Test (team's average is less than 75%), it will constitute failure of the COI. The results of training will be de-briefed to the CO at the end of the MTT and sent to the ship via Naval Message.

(4) NFCS capable ships will conduct Digital Call For Fire (DCFF) missions to be considered NFCS qualified. This will be demonstrated by conducting two DCFF missions during STW FIREX.

(5) All NFCS capable ships will maintain the ability to perform NSFS using "paper plot" and may be required to use this method as a back-up to computer-aided dead reckoning tracer (CADRT) or NFCS during a FIREX or actual NSFS combat mission.

**f. STW NSFS Live Fire Exercise (FIREX).** The live fire certification event will be completed within the Basic Phase training schedule.

(1) The passing score for NSFS FIREX is 75%. Failure of two missions constitutes a failed FIREX. Ships may remediate a failed mission; however, the highest score possible on the remediated mission is 75%. No additional penalty will be taken from the overall FIREX score.

(2) All evaluations and grades assigned by the Shore Fire Control Party (SFCP) are unofficial. Final grades will be assigned after review of the spotter's grade sheet by the staff NSFS Training Officer. Formal message will be released annotating the ship's final grade.

**5. NSFS REMEDIAL TRAINING.** In the event a ship fails to meet passing criteria during the NSFS FTT or NSFS MTT/NFCS MTT training event, remedial training will be tailored to the weaknesses identified. The ISIC, EWTG/CSCS, and ship will develop a plan to address deficiencies prior to commencing the next NSFS training event while keeping the TYCOM and ATG informed.

a. If the ship is unable to conduct the NSFS FIREX within 90 days of NSFS MTT, the ship will conduct a NSFS Challenge MTT to ensure the ship is setup for success prior to conducting the NSFS FIREX.

b. If a ship fails the NSFS FIREX, it will be required to conduct another tailored and focused training to correct observed deficiencies prior to re-attempting the FIREX, unless EWTGLANT/PAC recommends to TYCOM tailoring remediation to the observed weaknesses, at which point, TYCOM will adjudicate and direct the required remediation training, prior to re-attempting the FIREX.

c. If any of the below issues arise during Basic Phase after a ship conducts the NSFS MTT/NFCS MTT and prior to NSFS FIREX, the ship will be required to conduct another NSFS MTT before conducting the NSFS FIREX:

(1) Turnover in a critical team billet. A critical team billet is defined as the GLO/Land Attack Warfare Officer (LAWO), Plot Supervisor, Control Officer Console (COC) operator (MK86), Weapons Control Console (WCC) operators (MK 86), Gun Console Operator (GCO) (MK 34), and Gun Safety observer.

(a) The ship can replace a critical team member with the specified NSFS CSTT. Fire Controlmen (FC) CSTT can replace Gun Safety, GCO (MK 34) and WCC/COC (MK 86) with ISIC approval. Operations Specialist (OS) CSTT can replace Plot Supervisor. TAO Qualified CSTT or other CSTT with prior GLO experience can replace GLO/LAWO.

(b) If the ship is not able to replace a team member with a CSTT member, the ship must complete a NSFS MTT or a NSFS Challenge MTT. If the team performs unsatisfactorily during the Challenge MTT, then completion of the entire NSFS MTT is required.

Note: After STW-NSFS mission area certification has been granted, and the GLO CSTT replaces the certifying GLO team member, but the GLO CSTT did not attend the LAWO course; NFCS capable ships will no longer be certified to conduct Digital CFF.

d. Scheduling for Remediation:

(1) EASTPAC/MIDPAC/WESTPAC. Quota control and scheduling is maintained by EWTGPAC. Verification of available training dates by telephone liaison with the NSFS scheduling officer at commercial (619) 437-3748 or DSN 577-3748

(2) LANT Units. Quota control and scheduling is maintained by EWTGLANT in conjunction with the ATG Basic Phase training cycle. Ships may verify available training dates with the NSFS scheduling Officer at (757) 462-4995/8784 or DSN 253-4995/8784. The NSFS COI for non-NFCS equipped Norfolk-based ships can be supported at EWTGLANT, 1575 Gator Blvd Virginia Beach, VA. All other NSFS training requirements will be supported in port by MTT.

(3) Mobile Team Training. In PACFLT, all courses will be conducted aboard ship. Courses for MK 34 and MK 86 systems must be conducted as MTTs due to lack of training simulators.

**6. NSFS SUSTAINMENT TRAINING.** Ships will conduct mandatory NSFS Proficiency scenarios and report completion of training in TORIS under STW RE-04 every 90 days during Sustainment Phase. EWTGLANT/PAC and CSCS Det Yokosuka will provide each ship's Combat Systems Training Team with the necessary skills and scenarios to execute proficiency-maintaining exercises within the lifelines. Shipboard CSTTs are encouraged to develop and execute their own scenarios and interact with EWTG/CSCS to ensure the scenarios are doctrinally correct.

**7. SHORE FIRE CONTROL PARTY (SFCP) TRAINING SUPPORT (PAC ONLY).** This guidance outlines the responsibility of ships assigned to support SFCP training. EWTGPAC and various United States Marine Corps (USMC) personnel throughout Marine Forces Pacific (MARFORPAC) require support for SFCP spotters. This training includes live spotting practice during actual firing exercises. Only qualified or qualifying NSFS capable ships may be assigned to provide live firing support for any of these SFCP training commands.

a. Ammunition Requisition and Expenditure Reporting. The supported unit will inform assigned ships of their minimum requirements well in advance of the scheduled exercises. The ship is then responsible for reporting on the range with the required ammunition. Expenditures are reported in the normal way via OIS. The ammunition fired during SFCP support exercises will be charged against the firing ship's non-combat expenditure allocation (NCEA).

b. Briefings. The supported unit is encouraged to liaison with the firing ship concerning exercise procedures and range requirements.

c. Ammunition, Exercise, and Safety Requirements during SFCP Training.

(1) Approximately one month before the scheduled exercise the firing ship will receive a pre-exercise message from the supported command. It will include scheduling details such as

exercise date, commencement time and duration, ammunition requirements (mix and amount), and the name of the person who will act as the point of contact at the supported command.

(2) Ships should be prepared to conduct any type of NSFS mission; however, since Call for Fire missions provide the best training for the SFCP trainees, there is likely to be a preponderance of Call for Fire missions during SFCP training.

(3) Normal safety precautions for live firing exercises are fully applicable during SFCP training.

d. NSFS Qualification during SFCP Training. Normal practice is to assign NSFS-qualified ships to support SFCP training. However, unqualified ships may conduct spotter services if they are on the range to conduct a FIREX qualification. In this case, ships will conduct spotter services followed by their FIREX.

**8. BEST PRACTICES.** A proficient NSFS team, along with NFCS DCFE capabilities, enables the surface force to contribute to the joint fight ashore. Incorporating the guidance below will assist ships in attaining NSFS qualification. The NSFS training continuum does not start with STW NSFS FTT or end with STW NSFS FIREX; rather, like all mission areas, it should receive steady focus throughout a ship's operational cycle.

a. Individual proficiency. Neither the NSFS FTT nor the NSFS MTT are designed to provide basic PQS fundamentals, system information, or watch station procedures to individual sailors. Team members must possess basic skills and a fundamental knowledge of their rate and watch station before EWTG/CSCS training begins. Common watch stander shortcomings are:

(1) Target plotter not proficient or qualified in plotting.

(2) Navigation plotter not proficient in navigating in both Global Positioning System (GPS) and non-GPS modes.

(3) Gun console operator not proficient in basic operations of the gun system while using the NSFS sub mode.

(4) Insufficient level of knowledge throughout the team in basic NSFS concepts.

b. Preparation for team training. Historically, ships that request NSFS FTT, pass the NSFS MTT the first time. Remember, the NSFS MTT conducted by EWTG/CSCS is a graded event - it is an assessment to ensure a ship is ready to conduct a FIREX - ships have to train before they arrive to be ready!

c. Loss of critical team members. While policy exceptions to insert CSTT members for the loss of certain critical team members are possible, best practice for ships is to schedule additional training with EWTG/CSCS if ship schedule allows.

d. Sustainment training. Completion of STW RE04 is the minimum requirement. NSFS teams must also rehearse fire missions to sustain/enhance their NSFS proficiency. Ships are encouraged to conduct CSTT drills and exercise the mission types and the mission area and procedures as part of a continuum of training. In addition, exercising your NSFS teams in the above manner prior to the NSFS MTT will increase their proficiency and likelihood of success at re-certification.

e. Navigation. Although GPS is the standard method of navigation, ships must also practice non-GPS methods of navigation. Previously, NSFS non-GPS proficiency was required and evaluated during the MTT and Certification; this is no longer a certification event for either the MTT or FIREX. As the surface navy transitions to digital navigation and digital combat charts via Electronic Chart Display and Information System (ECDIS), the NSFS mission set faces technical as well as organizational challenges with reference to onboard processes to validate the accuracy of the plotting team against the system generated gun solution. EWTG/CSCS conducts the NSFS MTT from special mission charts. Ships equipped with CADRT will be required to check gun solution concurrence with both the special mission chart and the CADRT. Coordinate early with EWTG or CSCS training team for specific chart requirements.

f. Material condition. The ship's Gun Weapon System (GWS) must be fully operational to support certification. NSFS training cannot be conducted if systems are not operational. A consolidated list of equipment that must be available to support training is available on the ATG Toolbox website under the STW tab.

g. Ammunition and NCEA must be requested a minimum of 60 days prior to any scheduled event.

h. Scheduling. In addition to NSFS MTT and FIREX, those units configured with NFCS are also required to complete NFCS MTT.

(1) EWTGPAC ships must contact EWTGP/CSCS to confirm or change schedule provided by ATG. All San Clemente Island Shore Bombardment Area (SHOBA) range requests will be submitted to Southern California Offshore Range (SCORE) staff at the following email address: [scheds@score.com](mailto:scheds@score.com). Additionally, NSFS range safety officer/NSFS FIREX evaluation support must be requested from the EWTGPAC Branch Head no later than 45 days prior to the requested training dates at COMM (619) 437-3748. Pacific Missile Range Facility (PMRF) scheduling is done through PMRF N3R7-2 (808) 335-7981 DSN 421. WESTPAC scheduling is done through CSCS DET Yokosuka DSN 315-243-8916.

(2) Atlantic fleet ships must contact their TLO for schedule changes as EWTGLANT and ATG Norfolk coordinate NSFS training. All Integrated Maritime Portable Acoustic Scoring and Simulator (IMPASS) buoy delivery requests should be coordinated through NSWC Corona at COMM (757) 433-5563. Additionally, ships should contact FACSFAC Vacapes/Jacksonville as soon as a preliminary FIREX date is established. Formal OPAREA requests are required 30 days prior to the live-fire event date requested.

## **Appendix B**

### ***INSPECTIONS, CERTIFICATIONS, ASSESSMENTS, AND VISITS (ICAVs)***

Ref: (a) COMUSFLTFORCOM/COMPACFLTINST 3000.16 Fleet Inspections, Certifications, Assessments and Visits Program and Processes

#### **1. Inspections, Certifications, Assessments and Visits (ICAVs)**

a. General. SFTRM policy execution depends on the integration of manning, maintenance, training, and sustainment throughout all OFRP phases. Integrated readiness depends on a coherent plan of mutually supportive events that provide ships sufficient time to properly maintain, operate, and employ ship systems safely and confidently. The goal of the process is that Sailors deploy with their ship at the peak of readiness, that they are properly prepared to overcome the challenges presented on deployment, and that they have been given the training to sustain a high level of readiness throughout deployment.

b. OFRP has shifted the execution of ICAVs to a phase completion vice periodic requirement, when possible. This section provides the details of the phasing of events to ensure ships complete requirements.

(1) Definitions. The ICAVs are defined as follows:

(a) Inspection - An on-site evaluation, audit, or examination of operational proficiency, material conditions, or other valid program requirements by external organizations. Results are reported to higher authority.

(b) Certification - Any evaluation or examination of equipment and/or systems for the specific purpose of providing the license, permit, or authorization necessary for operation of equipment or systems. This includes evaluations or examinations of the personnel/organizations to properly employ/operate equipment and/or systems. Results will be reported to higher authority.

(c) Assessment - An evaluation of the key systems, processes, and results of an organization following an established framework and methodology. Distribution of results is limited to the unit commander, ISIC, and TYCOM.

(d) Visit - An event in which an external organization provides expertise or other resources that enhances a unit's ability to meet readiness requirements. Documentation and results associated with the event remain within the lifelines of the visited command. Inside the lifelines implies the results remain with the Commanding Officer of the unit and are available to the ISIC.

(2) Organization. Tables 1 through 6 list all required ICAVs that must be conducted during the OFRP. Events are organized by phase. Table 7 lists ICAVs conducted at other

periodicities. Table 8 lists ICAVs available by request. By request ICAVs provide a list of additional events that may be requested by Commanding Officers or are unique events required based on modernization upgrades.

Note: The tables do not include maintenance/modernization certification requirements that will be conducted as part of the availability alteration certification and/or integrated test plan within the Maintenance Phase.

(3) Fleet requests to combine, streamline, or eliminate ICAVs are governed by reference (a).



Table 1. Sustainment Phase Required Events

SUSTAINMENT PHASE REQUIRED EVENTS		
ICAV	Mission Area Dependency	Scheduling Considerations
Afloat Safety Survey		Once every 36 months
Aircraft Launch and Recovery Equipment (ALRE) - Marking & Lighting Visual Landing Aids Certification		
Aircraft Launch and Recovery Equipment (ALRE) - Rotary Beacon System Certification		
Aircraft Launch and Recovery Equipment (ALRE) - Shipboard Wind Measuring Equipment (SWME) Certification		
Aviation Facilities Certification (AVCERT) - Air Capable Ships Extension		12 month extension of AVCERT
Aviation Facilities Certification (AVCERT) - Amphibious Assault Ships Extension		12 month extension of AVCERT
Aviation Fuel Facilities Certification		
Career Counselor Assist Visit/Career Information Program Review		Completed as part of READ-E 3
Command Readiness Assessment Visit (CRAV)		
Communications Security (COMSEC) Vault Physical Inspection/Certification	COMMS	Once per OFRP, not to exceed 36 months
Communications Security Material COR Audit Training/Pre-Audit Visit	COMMS	Once per OFRP, not to exceed 36 months. Certification authorized at Pre-audit visit.
Diesel Engine Inspection	MOB-E	
Key Management Infrastructure (KMI) Account Inspection	COMMS	Once per OFRP, not to exceed 36 months
Mission Area Training Continuum - Search and Rescue (SAR)		
Morale Welfare and Recreation (MWR) - Afloat Recreation Fund Inspection		
Post Deployment TSRA		
Quality Assurance Inspection		
Readiness Evaluation 2 (READ-E 2) - Underway Demonstrations		Only mandatory for ships that are scheduled to conduct INSURV MI during Sustainment.
Readiness Evaluation 3 (READ-E 3) – Training Readiness Evaluation		
Search and Rescue (SAR) Certification		Once per OFRP, not to exceed 36 months
Sensitive Compartmented Information (SCI) Security Management		
Shipboard Material Handling Equipment (MHE) Certification		Once per OFRP, not to exceed 36 months
Specific Emitter Identification (SEI) Certification		Re-certification is required every 18 months or if a unit has failed and/or there are changes in the certified RF path (e.g. removal/replacement of antenna, tuner, processor or cabling).
Sustainment Exercise (SUSTEX)		Required, if surging
Tactical Air Navigation (TACAN) System Certification		

Table 1. Sustainment Phase Required Events

Table 2. Maintenance Phase Required Events

MAINTENANCE PHASE REQUIRED EVENTS		
ICAV	Mission Area Dependency	Scheduling Considerations
Aircraft Elevator Assessment	MOB-A	
Aircraft Launch and Recovery Equipment (ALRE) - Marking & Lighting Visual Landing Aids Certification	MOB-A	
Aircraft Launch and Recovery Equipment (ALRE) - Precision Approach and Landing Systems (PALS) Certification (Large Deck Air Capable)	MOB-A	
Aircraft Launch and Recovery Equipment (ALRE) - Rotary Beacon System Certification	MOB-A	
Aircraft Launch and Recovery Equipment (ALRE) - Shipboard Wind Measuring Equipment (SWME) Certification	MOB-A	
Aqueous Film Forming Foam (AFFF) System Certification		Conducted during MOB-E LOA. System is re-certified upon successful completion of specified maintenance requirement cards. No certification letter required.
Availability Concurrent Total Ship Readiness Assessment (TSRA)		
Aviation Facilities Certification (AVCERT) - Air Capable Ships	MOB-A	Prior to ARQ
Aviation Facilities Certification (AVCERT) - Amphibious Assault Ships	MOB-A	Prior to ARQ
Boiler Strength and Integrity Inspection		
Combat Systems Alignment Verification (CSAV)		
Consolidated Test, Measurement, and Diagnostic Equipment (TMDE) Readiness Assessment (CTRA)		
Crew Certification (CREWCERT)	MOB-N	
Dental Technical Assist Visit (TAV)		
Field Calibration Activity (FCA) Assessment		
Integrated Logistics Overhaul Review (ILO/R) / Phased Maintenance Review (PMR)		During 6+ month CNO Availability
ISIC Navigation Assessment (ISIC NAV Check Ride)	MOB-N*	
Magazine Sprinkler Systems Certification (MAGCERT)		
Mine Countermeasures (MCM) Structural Wood Survey	MIW*	
Motor Gasoline (MOGAS) Certification	AMW / MIW	As applicable per ship class
Navigation Systems Certification (NAVCERT)	MOB-N	
Oxygen Nitrogen (O2 N2) Systems Groom (LHA/LHD)	MOB-A	
Pre-certification Technical Assist (PRECERT)		NLT 30 days before AVCERT
Search and Rescue (SAR) Certification	SAR	Once per OFRP, not to exceed 36 months
Shipboard Instrumentation and Calibration (SISCAL) Inspection		
Shipboard Material Handling Equipment (MHE) Certification		Once per OFRP, not to exceed 36 months
Vertical Launching System (VLS) Deluge Training		
OPSEC Manager Certification Training	IW	Prior to material validation (OPM can attend certification training)

Table 2. Maintenance Phase Required Events

Table 3. Shakedown Phase Required Events

SHAKEDOWN PHASE REQUIRED EVENTS		
ICAV	Mission Area Dependency	Scheduling Considerations
Aviation Maintenance Program Assistance	MOB-A	NLT D-180
Combat Systems Operating Sequencing System (CSOSS) Validation		
Electromagnetic Compatibility (EMC) Certification	EW	Requires both underway and inport periods
Hazards of Electromagnetic Radiation to Ordnance (HERO) Certification		
NATO Sea Sparrow Missile System (NSSMS) Certification		
Post-Availability TSRA		
Radiation Hazards (RADHAZ) (HERP/HERF) Certification		Requires all access topside (no non-skid, scaffolding)
Readiness Evaluation 5 (READ-E 5) - Tier 1 and Tier 2 Material Checks		
Readiness Evaluation 5 (READ-E 5) - TYCOM Sea Trials		
Small Arms Readiness Review	EXPSAF	Conducted during the Post-Availability TSRA
Weapons Systems Pointing and Firing Cut Out Certification		
Medical Readiness Assessment	FSO-M	Normally In conjunction with FSO-M Material Readiness Certification
OPSEC Assist Visit	IW	Schedule coordinated by shipboard OPM and IWTG assist team

Table 3. Shakedown Phase Required Events

Table 4. Basic Phase Required Events

BASIC PHASE REQUIRED EVENTS		
ICAV	Mission Area Dependency	Scheduling Considerations
Advanced Warfare Training (AWT) – AN/SQQ-89 Anti-Submarine Warfare (ASW) - Phase II		
Advanced Warfare Training (AWT) – AN/SQQ-89 Anti-Submarine Warfare (ASW) - Phase III		
Advanced Warfare Training (AWT) - Integrated Air and Missile Defense (IAMD) - Phase II		
Advanced Warfare Training (AWT) - Integrated Air and Missile Defense (IAMD) - Phase III		
Advanced Warfare Training (AWT) - Integrated Air and Missile Defense (IAMD) Aegis BMD - Phase II		
Advanced Warfare Training (AWT) - Integrated Air and Missile Defense (IAMD) Aegis BMD - Phase III		
Advanced Warfare Training (AWT) - Ship Self-Defense System (SSDS) - Phase II		
Advanced Warfare Training (AWT) - Ship Self-Defense System (SSDS) - Phase III		
Air Traffic Controller Certification - Basic (LHA/LHD)	MOB-A	AIR: Helo Day
Aviation Maintenance Inspection (AMI) (Large Deck Air Capable)	MOB-A	NLT D-60
Career Counselor Assist Visit/Career Information Program Review		
Crane Certification Program Audit		TYCOM assessment conducted at a periodicity not to exceed 36 months. Periodic material assessments will be scheduled 120 days prior to deployment and the other 30 days after availability. No requirement for ships to self-certify the material condition and TYCOM audit the results. Conduct during AMW Material Validation.

BASIC PHASE REQUIRED EVENTS		
ICAV	Mission Area Dependency	Scheduling Considerations
Dental Technical Assist Visit (TAV)		
Field Exam Group (FEG) Audit - Postal Assessment		
Industrial Hygiene Survey		Every 36 months
Intelligence, Surveillance, and Reconnaissance (ISR) Readiness Review		post baseline ISR system install
Medical Technical Assist Visit (TAV)/Medical Quality Assurance Review		
Oil Pollution Abatement (OPA) & Oily Water Separator (OWS)	MOB-E	
Readiness Evaluation 6 (READ-E 6) - Material Inspection Sequence of Events (SOE) Rehearsal		
Readiness Evaluation 6 (READ-E 6) - Tier 2 Material Validation		
Self-Assessment and Groom Training (SAGT) - 400 HZ/Auxiliaries (AUX)		
Self-Assessment and Groom Training (SAGT) - AEGIS Computer Network Technician (ACNT)		
Self-Assessment and Groom Training (SAGT) – AN/SPY-1 Radar		
Self-Assessment and Groom Training (SAGT) - Anti-Submarine Warfare (ASW)		
Self-Assessment and Groom Training (SAGT) - Command, Control, Communications, Computers, and Information Systems (C4I)		
Self-Assessment and Groom Training (SAGT) - Deck		
Self-Assessment and Groom Training (SAGT) - Navigation (NAV)		
Self-Assessment and Groom Training (SAGT) - Ship Self Defense System (SSDS)		
Self-Assessment and Groom Training (SAGT) – Vertical Launch System (VLS)		
Specific Emitter Identification (SEI) Certification		
Surface Ship Radiated Noise Measurement (SSRNM)	USW	
Tactical Air Control Squadron (TACRON) Certification - Basic		Prior to PMINT
Tactical Air Navigation (TACAN) System Certification		

Table 4. Basic Phase Required Events

Table 5. Advanced Phase Required Events

ADVANCED PHASE REQUIRED EVENTS		
ICAV	Mission Area Dependency	Scheduling Considerations
Surface Warfare Advanced Tactical Training (SWATT)		
Group Sail		

Table 5. Advanced Phase Required Events

Table 6. Integrated Phase Required Events

INTEGRATED PHASE REQUIRED EVENTS		
ICAV	Mission Area Dependency	Scheduling Considerations
AEGIS Pre-Deployment Grooms		ATG
Afloat Intel System Integration Team (AISIT)		Pre-COMPTUEX, as early as GRUSL
Air Traffic Controller Certification - Integrated (LHA/LHD)	AIR	During COMPTUEX
PHIBRON / Marine Expeditionary Unit (MEU) Integration Exercise (PMINT)		
Anti-Submarine Warfare (ASW) Phase II		
Aviation Ordnance Safety Assessment (AOSA) (LHD/LHA/LPD)	AIR	During PMIT
Ballistic Missile Defense (BMD) Exercise (BMDEX) Integrated Training	BMD	
Ballistic Missile Defense (BMD) Readiness Assessment (BMDRA)	BMD	
Board of Inspection and Survey (INSURV) Material Inspection (MI)		
Career Counselor Assist Visit/Career Information Program Review		
Cargo & Weapons Elevator Assessment		Conducted during the Pre-Deployment TSRA
CBR Individual Protective Equipment Readiness Improvement Program (CBR IPE RIP)	MOB-D	90-120 d prior to deployment
CBR Installed Equipment Readiness Assist Visit (CBR RAV)	MOB-D	90 - 120 d prior to deployment
Certification Exercise (CERTEX) (ARG/MEU)		
Combat Operations Efficiency Certification (COMPTUEX) - (ARG) / MEU		
Combat Operations Efficiency Certification (COMPTUEX) - Carrier Strike Group (CSG)		
Cryptologic Carry On Program (CCOP) Installation and Training	CRY	Per Cryptologic Augmentation Message
Dental Readiness Inspection	FSO-M	
Deploying Group Systems Integration Testing (DGSIT) - Final Integration Testing (FIT) Event		Pilot to shift to as early as GRUSL
Fleet Synthetic Training - Group Commanders (FST-GC)		
Fleet Synthetic Training - Joint (FST-J)		
Force Protection Exercise (FPEX)	AT	
FOXHUNT (C4F/CTOC Deployers)		
Gas Turbine Readiness Review	MOB-E	Conduct during TSRA 1 to support INSURV reduction
Independent Deployer Academic Training (IDAT)		Contingent upon assignment to independent deployer operations.
Independent Deployer Certification Exercise (ID CERTEX)		Contingent upon assignment to independent deployer operations.
Intel Carry On Program (ICOP) Installation and Training		
Koa Kai (MPSC ships only)		Contingent upon assignment to exercise
Mid-Cycle Inspection (Alternates with INSURV MI)		
Miniature-Micro Miniature/Module Test and Repair (2M-MTR) Certification		
Navy Undersea Warfare Training and Assessment Course (NUWTAC) Phase I		
Navy Undersea Warfare Training and Assessment Course (NUWTAC) Phase II		
Navy Undersea Warfare Training and Assessment Course (NUWTAC) Phase III		Conducted as an element of COMPTUEX
Pre-Deployment TSRA		
Readiness Evaluation 7 (READ-E 7) - TYCOM Material Inspection		Only for ships with a MI
Shipboard Explosive Safety Inspection (SESI)		
Steam Generating Plant Inspection (SGPI)	MOB-E	
Tactical Air Control Squadron (TACRON) Certification - Integrated		During COMPTUEX
Vertical Package Conveyor/Aviation Dumb Waiter (VPC/DW) Assessment		Conducted during the Pre-Deployment TSRA

Table 6. Integrated Phase Required Events

Table 7. Required Events Conducted at Other Periodicities (Outside of Basic Phase)

REQUIRED EVENTS CONDUCTED AT OTHER PERIODICITIES			
ICAV	Mission Area Dependency	Periodicity Details	Scheduling Considerations
3M Snapshot	3M	Certification, once per OFRP / Outside	Short Notice (less than 24 hours) by TYCOM
Field Exam Group (FEG) Audit - Disbursing and Personnel		15 Months / Outside	Surprise inspection scheduled by FEG
NATO Secret Control inspection	COMMS	24 Months / Outside	
Medical Administrative QA Admin Inspection	FSO-M	Quarterly	
Radiation Health Audit (External)	FSO-M	12 Months / Outside	NTE 12 Months
Radiation Health Performance Survey	FSO-M	Once per OFRP/ any phase	
Ship Sanitation Control Exemption Certificate (SSCEC)	FSO-M	6 Months / Outside	Waiver required if in extended availability
Laboratory Assessment - Clinical Laboratory Improvement Program (CLIP)	FSO-M	24 month periodicity	
Medical Readiness Inspection	FSO-M	Every 36 Months	90-120 prior to deployment
Shipboard Telecommunications Electronics Material Protected from Emanating Spurious Transmissions (TEMPEST) - Instrumented Survey		3 Years / Outside	Conducted on CNP designated ships.
Tactical Data Link (TADIL) Operational Verification (TOV)	AW	Once per OFRP, not to exceed 36 months	
Afloat Safety Culture Assessment Survey (ASCAS)		Once per Commanding Officer Tour or OFRP cycle	
Afloat Cultural Workshop (ACW)		Once per Commanding Officer Tour or OFRP cycle	

Table 7. Required Events Conducted at Other Periodicities (Outside of Basic Phase)

Table 8. Any Phase by Request / Conditional Events

ANY PHASE BY REQUEST / CONDITIONAL EVENTS		
ICAV	Mission Area Dependency	Scheduling Considerations
All Mission Area LTTs		By Request
Afloat Culture Workshop		By Request - Recommended periodicity is once per CO's tour between 4-8 months of taking command or once per OFRP cycle.
Anti-Submarine Warfare (ASW) Mobile Training Team (MTT)		By Request - Can be either u/w or inport
Cableway Assessment		
Combat Systems Readiness Assistance Team (CSRAT)		By Request (CNSL)
Command Managed Equal Opportunity (CMEO) External Visit		
Corrosion Control Assist Team (CCAT)		By Request
Crew Certification (CREWCERT)		Conditional –Based on availability scope/duration
Cyber Targeted Tailored Training		Any phase by request
Electronic Warfare (EW), Cryptology (CRY), Cyber Warfare (CW)		By Request – (IWTG)
Engineering Readiness Assist Team (ERAT)		By Request – LOA or INSURV Preparations
INSURV Readiness Assist Team (IRAT)		By Request - INSURV Preparations
ISIC Navigation Assessment (ISIC NAV Check Ride)		Conditional - As determined by NAVDORM
Pre-availability Technical Assist (PATA)		Conditional - Prior to maintenance work package for Avail.
Supply Mid-Cycle Assessment		Conditional - TYCOM will conduct based on negative indicators impacting unit operational readiness
TYCOM-led Supply Self-Assessment		Conditional – Coordinated Self-Assessment conducted prior to SMC

Table 8. Any Phase by Request / Conditional Events

COMNAVSURFPAC/

COMNAVSURFLANTINST 3502.7

Nov 18

1

## **Appendix C**

### **MISSION AREA CERTIFICATION DEPENDENCIES**

1. General. This appendix tabulates the events that must be current for the ship to be certified in each mission area. This provides Commanders, Commanding Officers, and their command leadership teams a tool that clearly illustrates the sequence and composition events necessary to succeed in Basic Phase and throughout the FRTP. Specific timing of an event within the designated period may vary based on a number of factors but an understanding of the preparations required by phase, the relative impact on departments and divisions and the ship as a whole, and the internal and external planning requirements should ensure optimal execution of each event.



**MISSION AREA CERTIFICATION DEPENDENCIES**

Mission Area	Event	Periodicity	OFRP Phase	Readiness Eval	Scheduling Considerations	Assessor
Aviation (MOB-A)	Aviation Facilities Certification (AVCERT) – Air Capable Ships	Once per OFRP	Maintenance		Prior to ARQ	NAVAIR
	Aviation Facilities Certification (AVCERT) – Amphibious Assault Ships (LHA/LHD only)	Once per OFRP	Maintenance		Prior to ARQ	NAVAIR
	Air Traffic Controller Certification (LHA / LHD only)	Once per OFRP	Basic / Integrated			CNSP/CNSL/TACRON
	Oxygen Nitrogen Inspection (O2 N2) (LHA/LHD only)	Once per OFRP	Basic			NAVAIR
	Aircraft Launch and Recovery Equipment (ALRE) - Precision Approach and Landing System (PALS) Certification (LHA/LHD only)	Once per OFRP	Maintenance		Prior to AVCERT	NAVAIR
Communications (COMMS)	KMI A&A	Once per OFRP	Basic			KMI A&A Team
	KMI Inspection	Once per OFRP (not to exceed 27 months)	Situational			ISIC
Cyber (CYBER)	CYBER Mission Area	Once per OFRP	Basic			IWTG
Damage Control (MOB-D)	CBR Installed Equipment Readiness Assist Visit (CBR RAV)	> 90 - 120 days prior to deployment > Prior to INSURV	Integrated			NAVSEA
	MOB-D Damage Control Material Assessment (DCMA)	Once per OFRP	Maintenance	READ-E 4	Prior to LOA	ATG
Engineering (MOB-E)	MOB-E Light of Assessment (LOA)	When exiting a CNO Availability or maintenance period (120 days or greater in length) or when the TYCOM deems it necessary	Maintenance	READ-E 4		ATG/ EAP/EAA
	Diesel Engine Inspections (except LSD-41, LPD-17 classes)	> Every 18-24 months > Post-overhaul	Sustainment			RMC
	Diesel Formal Periodic Assessment (LSD-41, LPD-17 classes)	Every 18 months (not to exceed 24 months)	Periodic			RMC
	Steam Generating Plant Inspection/Boiler Inspection	18-24 months	Integrated			RMC
Explosive Safety (EXPSAF)	Shipboard Explosive Safety Inspection	Once per OFRP	Integrated			ESSOPAC/LANT
	Small Arms Readiness Review (SARR)	Conducted as a part of Post-Availability TSRA	Shakedown	READ-E 5		NAVSEA

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

Mission Area	Event	Periodicity	OFRP Phase	Readiness Eval	Scheduling Considerations	Assessor
Navigation (MOB-N)	Surface Ship Navigation System Certification (NAVCERT)	> Greater than 5 years since the last NAVCERT; > Determined by Navigation TWH based on: (a) baseline change; (b) Modification by SHIPALT, field changes, or engineering changes; or (c) Refurbishment > TYCOM requested and funded; > Following CNO availabilities with a scheduled duration of 6 months or longer	Situational (Maintenance)			SSC
	ISIC Navigation Assessment ("Nav Check Ride")	Once per OFRP	Maintenance	READ-E 4		ISIC
Seamanship (MOB-S)	UNREP Ship's Qualification Trials (SQT) (LHA/LHD only)	Once per OFRP (conducted within 4 weeks of DPMA/PMA)	Shakedown	READ-E 5		
Air Warfare (AW)	Aegis Light Off Assessment (ALO)	Once per OFRP	Maintenance			ISEA
	Tactical Data Link Operational Verification	Once per OFRP	Basic	READ-E 6		SSC
Ballistic Missile Defense (BMD)	Aegis Light Off Assessment (ALO)	Once per OFRP	Maintenance			ISEA
	BMD Material Certification (BMD MATCERT)	Conducted as part of the integrated test plan for the availability with associated work which makes conducting a new MATCERT a requirement	Maintenance	READ-E 5		NSWC
Mine Warfare (MIW)	MCM Structural Wood Survey	Once per DSRA	Maintenance			NAVSEA
Supply (SUP)	Supply Management Certification (SMC)	Every 36 Months	Decoupled			ATG
Surface Warfare (SW)	Weapons System Pointing and Firing Cutout Certification	Once per OFRP	Basic			ATG
Strike Warfare (STW)	Cruise Missile Material Certification (MATCERT)	Conducted as part of the integrated test plan for the availability with associated work which makes conducting a new MATCERT a requirement	Situational (Maintenance)	READ-E 5		NSWC
	Surface Ship Navigation System Certification (NAVCERT)	> Greater than 5 years since the last NAVCERT; > Determined by Navigation TWH based on: (a) baseline change; (b) Modification by SHIPALT, field changes, or engineering changes; or (c) Refurbishment > TYCOM requested and funded; > Following CNO availabilities with a scheduled duration of 6 months or longer.	Situational (Maintenance)			SSC
Undersea Warfare (USW)	Surface Ship Radiated Noise Measurement (SSRNM) Fleet Sonar Self Noise (FSSN) Prairie Masker Operability (PMO)	Once per OFRP	Basic			NUWC

## Appendix D

### **TRAINING AND OPERATIONAL READINESS INFORMATION SERVICES (TORIS)**

**1. TORIS.** Training and Operational Readiness Information Services (TORIS) provides a tool to schedule, execute, track, display and report all unit level training. TORIS is the TYCOM's single authoritative database for all proficiency effectiveness and efficiency metrics. The purpose of TORIS is as follows:

a. Track the accomplishment of Certification, Advanced, and Repetitive Exercises (CEs, AEs, and REs) listed in Chapter 5.

b. Calculate TORIS Mission Area FOM based on the completion of applicable CEs and REs.

NOTE: AEs do not currently factor into the TORIS Mission Area FOM calculation but will still be recorded and reported to the TYCOM.

c. Record and report the status of a ship's Mission Area proficiency up the Chain of Command and into DRRS-N.

d. Provide scheduling and tracking functionality for ATG and other training organizations that provide training to the ship.

e. Support metrics development.

f. Collect, store, and report ship training data and readiness information.

### **2. TORIS Mission Area FOM Calculation Methodology**

a. Transition from Sustainment to Maintenance Phase. Mission Area Figure of Merit resets at the beginning of the Maintenance Phase with the exception of specific critical RE scores in 3M, Anti-Terrorism, Cyber, Damage Control, Explosive Safety, Medical, and Supply. During the Maintenance Phase, Mission Area (MA) Figure of Merit (FOM) is calculated as the average of the required critical REs. Using AT as an example:

(1) Per paragraph 504, the number of total critical REs required for the AT Mission Area during the maintenance phase is 3. In this case, one of four critical REs has expired resulting in a score of 0 for that critical RE. That results in the individual scores for each of these 4 REs are 98, 98, and 0, respectively resulting in an AT MA FOM of 73 ( $98+98+98+0=298$ ;  $298/4=73$ ). This is the score (73) that feeds TORIS and DRRS-N.

(2) The number of CEs is 11 and the number of CEs remaining to be completed is 11, thus "11 of 11" is displayed as the CEs remaining.

(3) Critical REs will continue to be tracked both in Maintenance Phase and Basic Phase until the CEs remaining is 0 of 11.

b. Transition from Maintenance Phase to Basic Phase. During transition and up to Basic Phase AT MA certification, MA FOM continues to be calculated as an average of all critical RE scores that remain within periodicity.

(1) Once all CEs are completed in the AT MA, the MA FOM will be calculated as an average of all the CEs scores. The CEs remaining will display a single zero indicating all CEs have been completed for AT. This is when the RE periodicity counter begins.

ANTI-TERRORISM			
MA	MA FOM	REs EXPIRED	CEs REMAINING
AT	90 ●	0 of 9	0

(2) The number of REs that are required is 9. The REs expired is set to 0. Thus, the REs EXPIRED will display “0 of 9.” AT MA FOM is set to the average of all the CEs scored. For example,  $90 \times 11 = 990$ ;  $990 / 11 = 90$  (AT MA FOM).

c. Transition from Basic Phase to the Advanced Phase. In the example below, if an RE was to fall out of periodicity, the AT MA FOM would fall to 80.  $(90 \times 8) + 0 = 720$ ;  $720 / 9 = 80$  (AT MA FOM)

ANTI-TERRORISM			
MA	MA FOM	REs EXPIRED	CEs REMAINING
AT	80 ●	1 of 9	0

(1) When the REs are reassessed at a score of 86, the AT MA FOM would be 89  $((90 \times 8) + 86 = 806$ ;  $806 / 9 = 89$  (AT MA FOM))

ANTI-TERRORISM			
MA	MA FOM	REs EXPIRED	CEs REMAINING
AT	89 ●	0 of 9	0

## **Appendix E**

### **SAMPLE MESSAGE TEMPLATES**

This appendix provides a list of sample message formats to be used throughout the OFRP in conjunction with the training and certification requirements outlined in this document.

- Sample 1: Ship Policy Exception Request
- Sample 2: ADCON ISIC Policy Exception Request Endorsement
- Sample 3: Assessing Authority Policy Exception Request Endorsement
- Sample 4: TYCOM Policy Exception Request Response
- Sample 5: Basic Phase Training Certification Plan
- Sample 6: MOB-E LOA Material Readiness Certification Completion Report
- Sample 7: MOB-E Engineering Operations Certification (EOC) Quicklook Report
- Sample 8: Basic Phase Training Completion Report
- Sample 9: Mission Area Watch Team/Training Team Training Completion Report
- Sample 10: Ship Mission Area Certification Validation Request
- Sample 11: ADCON ISIC Mission Area Certification Validation Request Endorsement
- Sample 12: Assessing Authority Mission Area Certification Validation Request Endorsement
- Sample 13: TYCOM Mission Area Certification Validation Request Response
- Sample 14: Mission Area Certification Validation Completion Report
- Sample 15: Deployment Certification Recommendation
- Sample 16: NSFS Readiness for Training and Qualification Message
- Sample 17: Notification of Restricted Operations Message
- Sample 18: Notification of Unrestricted Operations Message
- Sample 19: READ-E 1 Report
- Sample 20: READ-E 2 Report
- Sample 21: READ-E 3 Report
- Sample 22: READ-E 4 Report
- Sample 23: READ-E 5 Report
- Sample 24: READ-E 6 Report
- Sample 25: Safe to Start Assessment
- Sample 26: LOA Report
- Sample 27: Crew Certification Report
- Sample 28: WTCC Mission Area Validation Plan
- Sample 29: WTCC Mission Area Validation Completion Report

**Sample 1**

**Ship Policy Exception Request**

FM USS *SHIP*  
TO ADCON ISIC  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI/  
COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT  
(as appropriate)  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA/COMNAVSURFGRU MIDPAC/RSO  
PNW EVERETT WA (as appropriate)  
COMCARSTRKGRU/COMEXSTRKGRU (as appropriate)  
COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRU ATLANTIC  
NORFOLK VA (as appropriate)  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRU NORFOLK VA/AFLOATRAGRU  
MAYPORT FL/AFLOATRAGRUMIDPAC PEARL HARBOR  
HI/AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUWESTPAC  
YOKOSUKA JA/ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA/  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA/ COMNAVBEACHGRU  
ONE/COMNAVBEACHGRU TWO/NAVINFORWARDEVCCEN NORFOLK VA/  
NAVINFORWARTRAGRU NORFOLK VA/ NAVINFORWARTRAGRU SAN DIEGO  
CA/NAVINFORWARTRAGRU GULFPORT MS (as appropriate)  
USS SHIP  
UNCLAS  
MSGID/GENADMIN/*SHIP*/MMM//  
SUBJ/USS *SHIP* [APPLICABLE MISSION AREA] POLICY EXCEPTION REQUEST//  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMMYY//  
AMPN/SURFACE FORCE TRAINING AND READINESS MANUAL (SFTRM)//  
POC/OPS/LCDR/*SHIP*/-/EMAIL: OPS(AT)*SHIP*.NAVY.(SMIL.)MIL/TEL:XXX-XXX-XXXX//  
RMKS/1. PER REF A, POLICY EXCEPTION REQUEST SUBMITTED TO CONDUCT  
*TRAINING/EVENT* WITH THE FOLLOWING DEFICIENCIES:  
2. PER REF A, USS *SHIP* IS REQUIRED TO HAVE \_\_\_\_ TO CONDUCT \_\_\_\_.  
2.A. DEFICIENT CRITERION:  
2.A.1. CIRCUMSTANCES LEADING TO INABILITY TO ACHIEVE CRITERION:  
2.A.2. CURRENT EFFORTS TO CORRECT DEFICIENCY:  
2.A.3. ANTICIPATED DATE CRITERION WILL BE SATISFIED:  
2.B. DEFICIENT CRITERION:  
2.B.1. CIRCUMSTANCES LEADING TO INABILITY TO ACHIEVE CRITERION:  
2.B.2. CURRENT EFFORTS TO CORRECT DEFICIENCY:  
2.B.3. ANTICIPATED DATE CRITERION WILL BE SATISFIED:  
3. IMPACT TO TRAINING AND/OR OPERATIONS:  
4. COMMENTS: ADDITIONAL COMMENTS AS REQUIRED//  
BT

**Sample 2**

**ADCON ISIC Policy Exception Request Endorsement**

FM ADCON ISIC  
TO [appropriate assessing authority] COMAFLOATRAGRUPAC SAN DIEGO CA  
/COMAFLOATRAGRU ATLANTIC NORFOLK VA  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRU NORFOLK VA/AFLOATRAGRU  
MAYPORT FL/AFLOATRAGRUMIDPAC PEARL HARBOR  
HI/AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUWESTPAC  
YOKOSUKA JA/ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA/  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA/ COMNAVBEACHGRU  
ONE/COMNAVBEACHGRU TWO/NAVINFORWARDEVCCEN NORFOLK VA/  
NAVINFORWARTRAGRU NORFOLK VA/ NAVINFORWARTRAGRU SAN DIEGO  
CA/NAVINFORWARTRAGRU GULFPORT MS (as appropriate)  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI  
/NAVINFOWARTRAGRU NORFOLK VA/SAN DIEGO CA (as appropriate)  
COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT  
(as appropriate)  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA/COMNAVSURFGRU MIDPAC/RSO  
PNW EVERETT WA (as appropriate)  
COMCARSTRKGRU/COMEXSTRKGRU (as appropriate)  
COMCARSTRKGRU FOUR/FIFTEEN (as appropriate)  
USS SHIP  
BT  
UNCLAS  
MSGID/GENADMIN/ADCON ISIC/MMM//  
SUBJ/USS SHIP [*APPLICABLE MISSION AREA*] POLICY EXCEPTION REQUEST ISIC  
ENDORSEMENT//  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMMYY//  
REF/B/MSGID: GENADMIN/SHIP/DTG//  
NARR/REF A IS SURFACE FORCE TRAINNG AND READINESS MANUAL (SFTRM).  
REF B IS USS SHIP [*APPLICABLE MISSION AREA*] POLICY EXCEPTION REQUEST //  
POC/TRAINO/LT/ISIC/-/EMAIL: TRAINO(AT)NAVY.(SMIL.)MIL/TEL:XXX-XXX-  
XXXX//  
RMKS/1. PER REF A, *ISIC* ENDORSES AND RECOMMENDS APPROVAL OF REF B.  
2. IMPACT TO TRAINING AND/OR OPERATIONS:  
3. COMMENTS: ADDITIONAL COMMENTS AS REQUIRED//  
BT

**Sample 3**

**Assessing Authority Policy Exception Request Endorsement**

FM [appropriate assessing authority] AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRU NORFOLK VA/AFLOATRAGRU MAYPORT FL/AFLOATRAGRUMIDPAC PEARL HARBOR HI/AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUWESTPAC YOKOSUKA JA/ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA/ EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA/ COMNAVBEACHGRU ONE/COMNAVBEACHGRU TWO/NAVINFORWARDEVCCEN NORFOLK VA/ NAVINFORWARTRAGRU NORFOLK VA/ NAVINFORWARTRAGRU SAN DIEGO CA/NAVINFORWARTRAGRU GULFPORT MS (as appropriate) TO COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/ COMNAVSURFGRU WESTPAC YOKOSUKA JA INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI /NAVINFOWARTRAGRU NORFOLK VA/SAN DIEGO CA (as appropriate) COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT (as appropriate) COMCARSTRKGRU/COMEXSTRKGRU (as appropriate) COMCARSTRKGRU FOUR/FIFTEEN (as appropriate) COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRU ATLANTIC NORFOLK VA (as appropriate) COMNAVSURFGRU MIDPAC (as appropriate) RSO PNW EVERETT WA (as appropriate) USS SHIP BT UNCLAS MSGID/GENADMIN/ASSESSING AUTHORITY/MMM// SUBJ/USS SHIP [*APPLICABLE MISSION AREA*] POLICY EXCEPTION REQUEST ENDORSEMENT// REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMMYY// REF/B/MSGID: GENADMIN/SHIP/DTG// REF/C/MSGID: GENADMIN/ADCON ISIC/DTG// NARR/REF A IS SURFACE FORCE TRAINNG AND READINESS MANUAL (SFTRM). REF B IS USS SHIP [*APPLICABLE MISSION AREA*] POLICY EXCEPTION REQUEST. REF C IS USS SHIP [*APPLICABLE MISSION AREA*] POLICY EXCEPTION REQUEST ISIC ENDORSEMENT // POC/TRAINO/LT/ISIC/-/EMAIL: TRAINO(AT)NAVY.(SMIL.)MIL/TEL:XXX-XXX-XXXX// RMKS/1. PER REF A, *ISIC* ENDORSES AND RECOMMENDS APPROVAL OF REF B.  
2. IMPACT TO TRAINING AND/OR OPERATIONS:  
3. COMMENTS: ADDITIONAL COMMENTS AS REQUIRED// BT



**Sample 4**

**TYCOM Policy Exception Request Response**

FM COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA *(as appropriate)*  
TO USS *SHIP*  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI  
/NAVINFOWARTRAGRU NORFOLK VA/SAN DIEGO CA *(as appropriate)*  
COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT  
*(as appropriate)*  
COMCARSTRKGRU/COMEXSTRKGRU *(as appropriate)*  
COMCARSTRKGRU FOUR/FIFTEEN *(as appropriate)*  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRU NORFOLK VA/AFLOATRAGRU  
MAYPORT FL/AFLOATRAGRUMIDPAC PEARL HARBOR  
HI/AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUWESTPAC  
YOKOSUKA JA/ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA/  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA/ COMNAVBEACHGRU  
ONE/COMNAVBEACHGRU TWO/NAVINFORWARDEVCCEN NORFOLK VA/  
NAVINFORWARTRAGRU NORFOLK VA/ NAVINFORWARTRAGRU SAN DIEGO  
CA/NAVINFORWARTRAGRU GULFPORT MS *(as appropriate)*  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA *(as appropriate)*  
BT  
UNCLAS  
MSGID/GENADMIN/TYCOM/MMM//  
SUBJ/ USS *SHIP* [APPLICABLE MISSION AREA] POLICY EXCEPTION REQUEST  
APPROVAL//  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMYY//  
REF/B/MSGID: GENADMIN/*SHIP*/DTG//  
REF/C/MSGID: GENADMIN/*ADCON ISIC*/DTG//  
REF/D/MSGID: GENADMIN/ASSESSING AUTHORITY/DTG//  
NARR/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL (SFTRM).  
REF B IS USS *SHIP* [APPLICABLE MISSION AREA] POLICY EXCEPTION REQUEST.  
REF C IS USS *SHIP* [APPLICABLE MISSION AREA] POLICY EXCEPTION REQUEST ISIC  
ENDORSEMENT. REF D IS USS *SHIP* [APPLICABLE MISSION AREA] POLICY  
EXCEPTION REQUEST ASSESSING AUTHORITY ENDORSEMENT.//  
POC/NAME/LCDR/N7/-/EMAIL:NAME(AT)NAVY.(SMIL.)MIL/TEL:XXX-XXX-XXXX//  
RMKS/1. PER REF A, WRT REFS C AND D, *CNSP/CNSL/CNSGWP* APPROVES REF B.  
2. COMMENTS: AS REQUIRED//  
BT

## Sample 5

### Basic Phase Training Certification Plan

No later than four weeks prior to the completion of the Maintenance Phase, the ISIC will submit to TYCOM (CNSGWP for C7F) the Basic Phase Training Certification Plan (BPTCP).

In, C6F the ISIC will submit this message to the TYCOM prior to Unit Level Training execution.

FM ISIC (as appropriate)

TO COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/

COMNAVSURFGRU WESTPAC YOKOSUKA JA (as appropriate)

(ISIC)

INFO (Numbered Fleet)

COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRULANT NORFOLK VA

(as appropriate)

AFLOATRAGRU SAN DIEGO CA/COMAFLOATRAGROUP NORFOLK VA/

COMAFLOATGROUP MAYPORT FL/AFLOATRAGRUWESTPAC YOKOSUKA JA/

AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUMIDPAC PEARL

HARBOR HI (as appropriate)

ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA (as appropriate)

EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA (as appropriate)

COMNAVBEACHGRU ONE/COMNAVBEACHGRU TWO (as appropriate)

CENSURFCOMBATSYS DET (as appropriate)

NAVINFOWARDEVCCEN NORFOLK VA (as appropriate)

NAVIFORWARTRAGRU NORFOLK VA (as appropriate)

NAVINFOWARTRAGRU SAN DIEGO CA (as appropriate)

NAVINFOWARDEVGRU GULFPORT MS (as appropriate)USS SHIP

BT

UNCLAS//

MSGID/GENADMIN/AFLOATRAGRU/ISIC (as applicable)/MMM//

SUBJ/USS SHIP BASIC PHASE TRAINING CERTIFICATION PLAN//

REF/A/DOC/CNSP-CNSL 3502.0/DDMMYY//

REF/B//*(additional references as applicable)*//

NARR/REF A IS CNSP-CNSLINST 3502.0, SURFACE FORCE TRAINING AND

READINESS MANUAL. REF B IS *(description of additional references)*//

POC/(NAME/RANK/POSITION/COMMAND/EMAIL:/TEL://

RMKS/1. PER REFS A and B, THIS MESSAGE PROVIDES A SCHEDULE FOR USS SHIP BASIC PHASE:

Example:

DDMMYY – DDMMYY SAR 1.1 MAT CERT

*(Include PTV, READ-E Assessments, BP start and end dates, material assessment events occurring outside of READ-E 5/6, certification events, the first Integrated training event scheduled after BP end date, and all known interferences that prevent training. Examples are:*

*Ammo Onload, Holiday and POM stand-downs, operational tasking, and any Advanced/Integrated training events scheduled during BP.)*

2. USS SHIP BASIC PHASE TRAINING PLAN SUMMARY:

(Use "REVISED" column only when sending a BP certification plan update.)

EVENT	PLANNED	REVISED	NOTE
-------	---------	---------	------

A. UNIT LEVEL TRAINING START:

B. BASIC PHASE START:

C. BASIC PHASE END:

D. UNIT LEVEL TRAINING END:

E. UNIT LEVEL TRAINING WEEKS:

F. BASIC PHASE TRAINING WEEKS:

3. USS SHIP BASIC PHASE TRAINING CERTIFICATION PLAN SCHEDULE:

(Use "REVISED" column only when sending a BP certification plan update.)

EVENT	PLANNED	REVISED
-------	---------	---------

PTV

SAR MAT CERT

READ-E 4

MOB-D DCMA

MOB-E LOA

CONTRACTOR SEA TRIALS

CREW CERT

SAR CERT

READ-E 5

CMAV

TYCOM SEA TRIALS

BP START

3M CERT

AT CERT

COMMS CERT

EXPSAF CERT

FSO-M MEDICAL CERT

MOB-A ARQ

MOB-A HELO DAY

MOB-D DC CERT

MOB-E EOC

MOB-N NAV CERT

MOB-S SEAMANSHIP CERT

SUP SMC

READ-E 6

CMAV

AMW CERT

AW LIVE FIRE

BMD CERT

CRY

CYBER

EW  
FST-U (AW/EW/INT/SW CERT)  
MIW CERT  
STW CMTQ  
STW NSFS  
SW LIVE FIRE  
USW LIVE ASW  
USW ASWC  
VBSS CERT  
BP END

4. USS SHIP BASIC PHASE TRAINING CERTIFICATION PLAN

INTERFERENCE: (Use "REVISED" column only when sending a BP certification plan update)

INTERFERENCE PLANNED REVISED NOTE

(e.g.) AMMO ONLOAD

GROUP SAIL

NUWTAC (0/1/2/3)

C2X

5. ISIC COMMENTS:

6. ATG COMMENTS: ATG HAS REVIEWED USS *SHIP* READINESS ASSESSMENT RESULTS AND IS PREPARED TO COMMENCE BASIC PHASE TRAINING. *{AS APPROPRIATE: BASED ON USS SHIP MAINTENANCE DELAY/SKED CHANGE/ETC, RECOMMEND BP START/END DATE BE REVISED TO THE FOLLOWING}*

**Sample 6**

**MOB-E LOA Material Readiness Certification Completion Report**

Engineering Assessments will submit the MOB-E LOA Material Readiness Certification Completion Report at the completion of the material certification event to ISIC and info the TYCOM.

FM ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA *(as appropriate)*  
TO ISIC

INFO COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA *(as appropriate)*

COMNAVSURFGRU WESTPAC YOKOSUKA JA *(as appropriate)*

COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRULANT NORFOLK VA  
*(as appropriate)*

COMAFLOATRAGRU *(FCA as appropriate)*

ENGASMLANT NORFOLK VA

ENGASMPAC SAN DIEGO CA

USS *SHIP*

BT

UNCLAS//

MSGID/GENADMIN/*EAP//MMM//*

SUBJ/USS *SHIP* MOB-E LOA MATERIAL READINESS CERTIFICATION COMPLETION  
REPORT//

REF/A/DOC/CNSP-CNSL 3502.0/*DDMMYY//*

REF/B/DOC/ATGP-ATGL/12APR17//

*(OPTIONAL) (IF SHIP PERFORMED A TYCOM LOA, LIST REF C AS LOA REPORT)*

REF/C/GENADMIN/ENGASMPAC-ENGASMLANT/*DDHHMMZMMYY//*

NARR/REF A IS CNSP-CNSLINST 3502.0, SURFACE FORCE TRAINING AND  
READINESS MANUAL. REF B IS THE ATG USER GUIDE, MOB-E TAB O. REF C IS  
TYCOM LOA REPORT MESSAGE.//

POC/*LAST NAME, FIRST NAME/RANK/EAP-EAA/EMAIL:/TEL://*

RMKS/1. PER REFERENCES (A) AND (B), A MATERIAL COLD CHECK  
CERTIFICATION *(OPTIONAL IF SHIP DID NOT PERFORM TYCOM LOA)* AND A  
MATERIAL HOT CHECK CERTIFICATION WAS CONDUCTED ON USS *SHIP* INPORT  
NAVAL STATION *XXXXXX*, *XX* ON *DD-DD MONTH YYYY*. THE OBJECTIVES OF THE  
ASSESSMENT *WERE/WERE NOT* ACCOMPLISHED. *(OPTIONAL, IF SHIP PERFORMED A  
TYCOM LOA)* PER REF (C), USS *SHIP* SUCCESSFULLY COMPLETED A TYCOM LOA  
AND THE SHIP IS ASSESSED AS *READY / NOT READY* TO PROCEED TO MOB-E  
INDIVIDUAL TRAINING. THE SENIOR ASSESSOR WAS *RANK F. M. LAST*.

2. *(OPTIONAL)* THE FOLLOWING MATERIAL CHECKS OUTSTANDING TO ACHIEVE  
MINIMUM EQUIPMENT: *(IF THE SHIP DID NOT ACHIEVE MINIMUM EQUIPMENT TO  
PROCEED THEN USE THIS LINE ITEM AND ADJUST THE SEQUENTIAL NUMBERS. IF  
SHIP ACHIEVED MINIMUM EQUIPMENT THEN OMIT THIS LINE ITEM.)*

A. LIST OUTSTANDING ITEMS HERE

3. XXX OF XXX (XX.X PCT) SCHEDULED MATERIAL COLD AND HOT CHECKS WERE COMPLETED BY THE END OF THE MATERIAL CERTIFICATION.
4. SAFE TO OPERATE CRITERIA WAS/WAS *NOT* MET AND MAINTAINED.
5. MINIMUM EQUIPMENT WAS/WAS *NOT* MET AND MAINTAINED. EQUIPMENT NOT CLEARED DURING THIS ASSESSMENT WILL NOT BE CONSIDERED OPERATIONAL FOR MOB-E CERTIFICATION EVENT UNLESS AN EAP QUALIFIED ASSESSOR CLEARS THE EQUIPMENT PRIOR TO THE START OF THE EOC. THE FOLLOWING EQUIPMENT WAS NOT CLEARED FOR OPERATION:
  - A. LIST EQUIPMENT HERE
6. TEMPORARY STANDING ORDERS GENERATED DURING THIS ASSESSMENT: X.
7. DEPARTURE FROM SPECIFICATION GENERATED DURING THIS ASSESSMENT: X.
8. ITEMS OF PRIORITY: X.
  - A. LIST SUMMARY TOPIC FOR IOP HERE. *IF NO IOP'S OMIT LINE.*
9. ITEMS OF CONCERN: X.
  - A. LIST SUMMARY TOPIC FOR IOC HERE. *IF NO IOC'S OMIT LINE.*
10. (*OPTIONAL, REPORT THE FOLLOWING IF A COLD AND HOT CHECKS WERE PERFORMED AND ADJUST SEQUENTIAL NUMBERS. IF A TYCOM LOA WAS PERFORMED DELETE PROGRAM AND FIREFIGHTING CAPABILITY RESULTS AND PROCEED TO SENIOR ASSESSOR COMMENTS*) THE FOLLOWING MANAGEMENT PROGRAMS WERE ASSESSED AND GRADED:
  - A. SOH:
    - 1) HEAT STRESS – *EFFECTIVE/PARTIALLY/NOT EFFECTIVE*
    - 2) HEARING CONSERVATION - *EFFECTIVE/PARTIALLY/NOT EFFECTIVE*
    - 3) ELECTRICAL SAFETY - *EFFECTIVE/PARTIALLY/NOT EFFECTIVE*
    - 4) TAG OUT - *EFFECTIVE/PARTIALLY/NOT EFFECTIVE*
  - B. CRITICAL:
    - 1) PQS - *READY/NOT READY* TO SUPPORT OPERATIONS
    - 2) ENGINEERING TRAINING - *READY/NOT READY* TO SUPPORT OPERATIONS
    - 3) LUBE OIL QUALITY MANAGEMENT - *READY/NOT READY* TO SUPPORT OPERATIONS
    - 4) FUEL OIL QUALITY MANAGEMENT - *READY/NOT READY* TO SUPPORT OPERATIONS
    - 5) LEGAL RECORDS - *READY/NOT READY* TO SUPPORT OPERATIONS
    - 6) DIESEL READINESS SYSTEM - *READY/NOT READY* TO SUPPORT OPERATIONS
    - 7) MAIN PROPULSION BOILER WATER/FEED WATER (BW/FW) – *READY/NOT READY* TO SUPPORT OPERATIONS
    - 8) AUXILIARY BW/FW - *READY/NOT READY* TO SUPPORT OPERATIONS
  - C. OTHER PROGRAMS
    - 1) EOSS - *READY/NOT READY* TO SUPPORT OPERATIONS
    - 2) OPERATING LOGS - *READY/NOT READY* TO SUPPORT OPERATIONS
    - 3) QUALITY ASSURANCE - *READY/NOT READY* TO SUPPORT OPERATIONS
    - 4) MGTESR- *READY/NOT READY* TO SUPPORT OPERATIONS
    - 5) ONLINE VERIFICATION- *READY/NOT READY* TO SUPPORT OPERATIONS

11.(*OPTIONAL, DELETE LINE IF A TYCOM LOA WAS PERFORMED*) MAIN SPACE  
FIREFIGHTING CAPABILITY WAS ASSESSED AS READY/NOT READY TO SUPPORT  
OPERATIONS.

12. SENIOR ASSESSORS COMMENTS:

A. *LIST COMMENTS HERE*

B. ISIC REPRESENTATIVE(S) *RANK I. M.* ISIC WAS/WERE PRESENT THROUGHOUT  
THE ASSESSMENT AND WERE PROVIDED WITH DETAILED COMMENTS.

D. MATERIAL READINESS CERTIFICATION REPORT PROVIDED TO SHIP AND ISIC  
VIA EMAIL FROM PROJECT OFFICER.//

BT

**Sample 7**

**MOB-E Engineering Operations Certification (EOC) Quicklook Report**

Engineering Assessments will submit the EOC QUICKLOOK report at the completion of MOB-E certification to TYCOM and info the ISIC. In addition to reporting certification, the message will identify major items that require correction but do not restrict certification or safe operation.

FM ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA (*as applicable*)  
TO COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as applicable*)  
COMNAVSURFGRU WESTPAC YOKOSUKA JA (*as appropriate*)  
INFO *ISIC*  
COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRULANT NORFOLK VA (*as appropriate*)  
AFLOATRAGRU SAN DIEGO CA/COMAFLOATRAGROUP NORFOLK VA/  
COMAFLOATGROUP MAYPORT FL/AFLOATRAGRUWESTPAC YOKOSUKA JA/  
AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUMIDPAC PEARL HARBOR HI (*as appropriate*)  
ENGASMLANT NORFOLK VA  
ENGASMPAC SAN DIEGO CA  
USS *SHIP*  
BT  
UNCLAS  
MSGID/GENADMIN/EAP/EAA//MMM//  
SUBJ/USS *SHIP* MOB-E EOC QUICKLOOK REPORT//  
REF/A/DOC/CNSP-CNSL/DDMMYY//  
REF/B/DOC/ATGP-ATGL/12APR17//  
NARR/REF A IS CNSP-CNSLINST 3502.0, SURFACE FORCE TRAINING AND READINESS MANUAL. REF B IS THE ATG USER GUIDE, MOB-E TAB O//  
POC/LAST NAME, FIRST NAME/RANK/EAP-EAA/EMAIL:/TEL://  
RMKS/1. USS *SHIP* CONDUCTED AN EOC ON XX-XX MMM YYYY, INPORT NAVAL STATION XXXXXXX, XX AND UNDERWAY XXXX OPAREA. THE OBJECTIVES OF THE ASSESSMENT PER REF (B) WERE/WERE NOT ACCOMPLISHED AND EAP/EAA RECOMMENDS *CERTIFICATION/CONDITIONAL CERTIFICATION/NO CERTIFICATION* IN MOB-E. THE SENIOR ASSESSOR WAS RANK *F. M. LAST*.  
2. SAFE-TO-OPERATE MAINTAINED: *MET/NOT MET*  
3. MINIMUM EQUIPMENT: *MET/NOT MET*  
4. A MATERIAL VALIDATION WAS/WAS NOT CONDUCTED.  
A. NUMBER OF CHECKS SCHEDULED: *XXX*  
B. NUMBER OF CHECKS COMPLETED: *XXX*  
5. THE FOLLOWING MATERIAL PROBLEMS INTERFERED WITH THE CONDUCT OF THE ASSESSMENT:  
A. *LIST AND DESCRIBE ALL MATERIAL PROBLEMS*  
6. CERTIFICATION EVENTS (CE) COMPLETED: *X/8*



- A. SOH PROGRAMS: *MET/NOT MET*
  - B. CRITICAL PROGRAMS: *MET/NOT MET*
  - C. OTHER PROGRAMS: *MET/NOT MET*
  - D. EVOLUTION PROFICIENCY AT LEAST 75% (2 SECTIONS): *MET/NOT MET*
  - E. DRILL PROFICIENCY AT LEAST 50% (2 SECTIONS): *MET/NOT MET*
  - F. MAIN SPACE FIRE AGENT GOOD (2 SECTIONS AND RPL 5): *MET/NOT MET*
  - 7. TOTAL NUMBER OF DEPARTURE FROM SPECIFICATIONS (DFS'S) IN EFFECT AT THE BEGINNING OF THE ASSESSMENT X. NUMBER OF DFS'S GENERATED DURING THE ASSESSMENT X.
  - 8. TOTAL NUMBER OF TEMPORARY STANDING ORDERS (TSO'S) IN EFFECT AT THE BEGINNING OF THE ASSESSMENT X. NUMBER OF TSO'S GENERATED DURING THE VISIT X.
  - 9. TOTAL NUMBER OF RESTRICTIVES:
    - A. IDENTIFIED: X
    - B. CORRECTED: X
  - 10. ITEMS OF PRIORITY IDENTIFIED: X
    - A. LIST AND DESCRIBE ALL ITEMS OF PRIORITY
  - 11. ITEMS OF CONCERN IDENTIFIED: X
    - A. LIST AND DESCRIBE ALL ITEMS OF CONCERN
  - 12. SENIOR ASSESSORS COMMENTS:
    - A. *COMMENTS GO HERE*
    - B. ISIC REPRESENTATIVE, *RANK LAST*, WAS PRESENT THROUGHOUT THE ASSESSMENT AND PROVIDED WITH DETAILED COMMENTS.
    - D. A DETAILED EOC REPORT WILL BE PROVIDED TO SHIP AND ISIC VIA EMAIL FROM PROJECT OFFICER//
- BT

**Sample 8**

**Basic Phase Training Completion Report**

ATG will submit the Basic Phase Training Completion report to the TYCOM, info ISIC, reporting completion of all Basic Phase training requirements. This message will be used by TYCOMs to report to NFC completion of Basic Phase training and readiness requirements and readiness to commence follow-on training or report non-completion of Basic Phase training and readiness requirements.

*From ATG to TYCOM:*

FM AFLOATRAGRU SAN DIEGO CA/COMAFLOATRAGROUP NORFOLK VA/  
COMAFLOATGROUP MAYPORT FL/AFLOATRAGRUWESTPAC YOKOSUKA JA/  
AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUMIDPAC PEARL  
HARBOR HI *(as appropriate)*  
TO COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA *(as  
appropriate)*  
COMNAVSURFGRU WESTPAC YOKOSUKA JA *(as appropriate)*  
*(ISIC)*  
INFO *(Numbered Fleet)*  
COMCARSTRKGRU FOUR/COMCARSTRKGRU FIFTEEN *(as appropriate)*  
COMNAVSURFGRU MIDPAC *(as appropriate)*  
RSO PNW EVERETT WA *(as appropriate)*  
NAVSURFMINEWARDEVCCEN SAN DIEGO CA  
COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRULANT NORFOLK VA  
*(as appropriate)*  
ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA *(as appropriate)*  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA *(as appropriate)*  
COMNAVBEACHGRU ONE/COMNAVBEACHGRU TWO *(as appropriate)*  
CENSURFCOMBATSYS DET *(as applicable)*  
NAVINFOWARDEVCCEN NORFOLK VA *(as appropriate)*  
NAVIFORWARTRAGRU NORFOLK VA *(as appropriate)*  
NAVINFOWARTRAGRU SAN DIEGO CA *(as appropriate)*  
NAVINFOWARDEVGRU GULFPORT MS *(as appropriate)*  
*USS SHIP*  
AFLOATRAGRU SAN DIEGO CA/COMAFLOATRAGROUP NORFOLK VA/  
COMAFLOATGROUP MAYPORT FL/AFLOATRAGRUWESTPAC YOKOSUKA JA/  
AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUMIDPAC PEARL  
HARBOR HI *(as appropriate)*  
BT  
UNCLAS  
MSGID/GENADMIN/AFLOATRAGRU *(as applicable)*/MMM//  
SUBJ/USS SHIP BASIC PHASE TRAINING COMPLETION REPORT//  
REF/A/DOC/CNSP-CNSL/DDMMYY//  
REF/B/*(additional references as applicable)*//

NARR/REF A IS CNSP-CNSLINST 3502.0 SURFACE FORCE TRAINING AND READINESS MANUAL. REF B IS *(description of additional references)*.//  
POC/(NAME/RANK/POSITION/COMMAND/EMAIL:/TEL:)//  
RMKS/1. USS *SHIP* COMPLETED BASIC PHASE (BP) TRAINING REQUIREMENTS PER REFS A AND B. MISSION AREAS WITH OUTSTANDING CERTIFICATION REQUIREMENTS ARE LISTED IN PARA 5. USS *SHIP* EXECUTED A ## WEEK BP AS LISTED IN PARAGRAPH 3 BELOW, WITH EXCEPTIONS LISTED.

2. USS *SHIP* BASIC PHASE TRAINING PLAN SUMMARY:

EVENT PLANNED REVISED ACTUAL

A. UNIT LEVEL TRAINING START:

B. BASIC PHASE START:

C. BASIC PHASE END:

D. UNIT LEVEL TRAINING END:

E. UNIT LEVEL TRAINING WEEKS:

F. BASIC PHASE TRAINING WEEKS:

G. DUAL TRAINING WEEKS:

H. NON-TRAINING WEEKS:

(1) INTERFERENCE:

(2) HOLIDAYS:

(3) PAUSES:

I. EFFECTIVE BP TRAINING WEEKS:

J. EFFECTIVE UNIT LEVEL TRAINING WEEKS:

(1) EFFECTIVE MAINTENANCE PHASE TRAINING WEEKS:

(2) EFFECTIVE BASIC PHASE TRAINING WEEKS:

(3) EFFECTIVE DUAL TRAINING WEEKS:

K. CES COMPLETED TO DATE: NA XX OF XXX

3. USS *SHIP* BASIC PHASE TRAINING CERTIFICATION PROGRESS:

EVENT PLANNED REVISED ACTUAL FOM

EVENT PLANNED REVISED ACTUAL FOM

PTV N/A

READ-E 4 N/A

MOB-D DCMA

MOB-E LOA

CONTRACTOR SEA TRIALS N/A

CREW CERT N/A

SAR

READ-E 5 N/A

CMAV N/A

TYCOM SEA TRIALS N/A

BP START

3M

AT

COMMS

EXPSAF

FSO-M  
MOB-A ARQ  
MOB-A HELO DAY  
MOB-D  
MOB-E EOC  
MOB-N  
MOB-S  
SUP SMC  
READ-E 6  
CMAV  
AMW  
BMD  
CRY  
CYBER  
EW  
FST-U (AW/EW/INT/SW CERT)  
MIW  
STW CMTQ  
STW NSFS  
USW LIVE ASW  
USW ASWC  
VBSS

4. USS *SHIP* BASIC PHASE TRAINING CERTIFICATION INTERFERENCE:  
INTERFERENCE PLANNED REVISED ACTUAL

*(e.g.) AMMO ONLOAD*

5. TRAINING READINESS:

TRAINING COMPLETE. THE FOLLOWING DISCREPANCIES REMAIN:

6. DEGRADATIONS THAT IMPACTED ABILITY TO ATTAIN ALL CERTIFICATION

A. SCHEDULE ISSUES:

B. PERSONNEL ISSUES:

C. EQUIPMENT ISSUES:

D. SUPPLY ISSUES:

E. TRAINING ISSUES:

*(Provide a summary of each Mission Area that experienced negative schedule impacts for any of the above reasons.)*

7. ISIC COMMENTS:

8. ATG COMMENTS://

BT

**Sample 9**

**Mission Area Watch Team/Training Team Certification Recommendation**

At the end of each mission area Basic Phase training, ATG will submit the Mission Area Training Completion Report to the TYCOM and ISIC, info the Numbered Fleet Commander reporting completion of that mission area's certification training events and recommendation for granting certification or holding certification until all requirements are met.

*From ATG to TYCOM:*

FM AFLOATRAGRU SAN DIEGO CA/COMAFLOATRAGROUP NORFOLK VA/  
COMAFLOATGROUP MAYPORT FL/AFLOATRAGRUWESTPAC YOKOSUKA JA/  
AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUMIDPAC PEARL  
HARBOR HI *(as appropriate)*  
TO COMNAVSURFPAC SAN DIEGO CA or COMNAVSURFLANT NORFOLK VA *(as appropriate)*  
COMNAVSURFGRU WESTPAC YOKOSUKA JA *(as appropriate)*  
*(ISIC)*  
INFO *(Numbered Fleet)*  
COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRULANT NORFOLK VA  
*(as appropriate)*  
COMNAVSURFGRU MIDPAC  
RSO PNW EVERETT WA *(as appropriate)*  
ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA *(as appropriate)*  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA *(as appropriate)*  
COMNAVBEACHGRU ONE/COMNAVBEACHGRU TWO *(as appropriate)*  
CENSURFCOMBATSYS DET *(as applicable)*  
NAVINFOWARDEVGEN NORFOLK VA *(as appropriate)*  
NAVIFORWARTRAGRU NORFOLK VA *(as appropriate)*  
NAVINFOWARTRAGRU SAN DIEGO CA *(as appropriate)*  
NAVINFOWARDEVGRU GULFPORT MS *(as appropriate)*  
USS SHIP  
AFLOATRAGRU SAN DIEGO CA/COMAFLOATRAGROUP NORFOLK VA/  
COMAFLOATGROUP MAYPORT FL/AFLOATRAGRUWESTPAC YOKOSUKA JA/  
AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUMIDPAC PEARL  
HARBOR HI *(as appropriate)*  
BT  
UNCLAS  
MSGID/GENADMIN/AFLOATRAGRU *(as applicable)*//  
SUBJ/USS SHIP MISSION AREA WATCH TEAM/TRAINING TEAM  
CERTIFICATIONRECOMMENDATION//  
REF/A/DOC/CNSP-CNSL/DDMMYY//  
REF/B/*(additional references as applicable, including all waiver, deferral, and extension requests)*//

NARR/REF A IS CNSP-CNSLINST 3502.0, SURFACE FORCE TRAINING AND  
READINESS MANUAL. REF B (*description of additional references*).//  
POC/(*NAME/RANK/POSITION/COMMAND/EMAIL:/TEL:*)//  
GENTEXT/REMARKS/1. PER REFS A AND B, USS *SHIP* HAS COMPLETED ALL  
CERTIFICATION REQUIREMENTS FOR THE [AW] MISSION AREA  
AND IS RECOMMENDED FOR CERTIFICATION.

MISSION AREA	DATE COMPLETED
AW	DDMMYY

- OR -

1.PER REFS A THROUGH B, USS SHIP HAS COMPLETED ALL TRAINING EVENTS  
FOR THE [AW] MISSION AREA. THE FOLLOWING DISCREPANCIES REMAIN:

A. 0 OF 1 ONBOARD CNEC W17A (AICS), PG EDA DDMMYY

B. FORWARD VLS OOC (ALL CELLS) ETR DDMMYY (CASREP XXXXX)

3. RECOMMENDED DATE OF AW MISSION AREA EXPIRATION: MMYYY.//

BT

**Sample 10**

**Ship Mission Area Certification Validation (CV) Request**

A Certification Validation (CV) is an assessment event done to validate/extend current certifications when a ship cannot conduct a full training phase due to operational schedule. Ships may be required to perform a CV if directed by the TYCOM. If not directed by TYCOM, ships will submit the below request, via the ISIC, to the TYCOM for approval of conducting a specific mission area CV(s).

FM USS *SHIP*  
TO ADCON ISIC  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI/  
COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT  
(as appropriate)  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA/COMNAVSURFGRU MIDPAC/RSO  
PNW EVERETT WA (as appropriate)  
COMCARSTRKGRU/COMEXSTRKGRU (as appropriate)  
COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRU ATLANTIC  
NORFOLK VA (as appropriate)  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRU NORFOLK VA/AFLOATRAGRU  
MAYPORT FL/AFLOATRAGRUMIDPAC PEARL HARBOR  
HI/AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUWESTPAC  
YOKOSUKA JA/ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA/  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA/ COMNAVBEACHGRU  
ONE/COMNAVBEACHGRU TWO/NAVINFORWARDEVCCEN NORFOLK VA/  
NAVINFORWARTRAGRU NORFOLK VA/ NAVINFORWARTRAGRU SAN DIEGO  
CA/NAVINFORWARTRAGRU GULFPORT MS (as appropriate)  
USS *SHIP*  
UNCLAS  
MSGID/GENADMIN/*SHIP*/MMM//  
SUBJ/USS *SHIP* [APPLICABLE MISSION AREA] CV REQUEST//  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMYY//  
AMPN/SURFACE FORCE TRAINING AND READINESS MANUAL (SFTRM)//  
POC/OPS/LCDR/*SHIP*/-/EMAIL: OPS(AT)*SHIP*.NAVY.(SMIL.)MIL/TEL:XXX-XXX-XXXX//  
RMKS/1. PER REF A, USS *SHIP* REQUEST PERMISSION TO CONDUCT A  
CERTIFICATION VALIDATION IN THE [MISSION AREA] MISSION AREA.  
2. IMPACT TO SCHEDULE AND/OR OPERATIONS, IF NOT APPROVED:  
3. COMMENTS: ADDITIONAL COMMENTS AS REQUIRED//  
BT

**Sample 11**

**ADCON ISIC Mission Area Certification Validation (CV) Request Endorsement**

FM ADCON ISIC  
TO [appropriate assessing authority] COMAFLOATRAGRUPAC SAN DIEGO CA  
/COMAFLOATRAGRU ATLANTIC NORFOLK VA  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRU NORFOLK VA/AFLOATRAGRU  
MAYPORT FL/AFLOATRAGRUMIDPAC PEARL HARBOR  
HI/AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUWESTPAC  
YOKOSUKA JA/ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA/  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA/ COMNAVBEACHGRU  
ONE/COMNAVBEACHGRU TWO/NAVINFORWARDEVCCEN NORFOLK VA/  
NAVINFORWARTRAGRU NORFOLK VA/ NAVINFORWARTRAGRU SAN DIEGO  
CA/NAVINFORWARTRAGRU GULFPORT MS (as appropriate)  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI (as  
appropriate)  
COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT  
(as appropriate)  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA/COMNAVSURFGRU MIDPAC/RSO  
PNW EVERETT WA (as appropriate)  
COMCARSTRKGRU/COMEXSTRKGRU (as appropriate)  
USS SHIP  
BT  
UNCLAS  
MSGID/GENADMIN/ADCON ISIC/MMM//  
SUBJ/USS SHIP [*APPLICABLE MISSION AREA*] CERTIFICATION VALIDATION  
REQUEST ISIC ENDORSEMENT//  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMMY//  
REF/B/MSGID: GENADMIN/SHIP/DTG//  
NARR/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL (SFTRM).  
REF B IS USS *SHIP* [*APPLICABLE MISSION AREA*] CV REQUEST //  
POC/TRAINO/LT/ISIC/-/EMAIL: TRAINO(AT)NAVY.(SMIL.)MIL/TEL:XXX-XXX-  
XXXX//  
RMKS/1. PER REF A, *ISIC* ENDORSES AND RECOMMENDS APPROVAL OF REF B.  
2. IMPACT TO TRAINING AND/OR OPERATIONS:  
3. COMMENTS: ADDITIONAL COMMENTS AS REQUIRED//  
BT



**Sample 12**

**Assessing Authority ISIC Mission Area Certification Validation (CV) Request  
Endorsement**

FM [appropriate assessing authority] AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRU  
NORFOLK VA/AFLOATRAGRU MAYPORT FL/AFLOATRAGRUMIDPAC PEARL  
HARBOR HI/AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUWESTPAC  
YOKOSUKA JA/ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA/  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA/ COMNAVBEACHGRU  
ONE/COMNAVBEACHGRU TWO/NAVINFORWARDEVCCEN NORFOLK VA/  
NAVINFORWARTRAGRU NORFOLK VA/ NAVINFORWARTRAGRU SAN DIEGO  
CA/NAVINFORWARTRAGRU GULFPORT MS (as appropriate)  
TO COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI (as  
appropriate)  
COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT  
(as appropriate)  
COMCARSTRKGRU/COMEXSTRKGRU (as appropriate)  
COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRU ATLANTIC  
NORFOLK VA (as appropriate)  
COMNAVSURFGRU MIDPAC (as appropriate)  
RSO PNW EVERETT WA (as appropriate)  
USS SHIP  
BT  
UNCLAS  
MSGID/GENADMIN/ASSESSING AUTHORITY/MMM//  
SUBJ/USS SHIP [*APPLICABLE MISSION AREA*] CERTIFICATION VALIDATION  
REQUEST ENDORSEMENT//  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMMYY//  
REF/B/MSGID: GENADMIN/SHIP/DTG//  
REF/C/MSGID: GENADMIN/ADCON ISIC/DTG//  
NARR/REF A IS SURFACE FORCE TRAINNG AND READINESS MANUAL (SFTRM).  
REF B IS USS *SHIP* [*APPLICABLE MISSION AREA*] CV REQUEST. REF C IS USS *SHIP*  
[*APPLICABLE MISSION AREA*] CV REQUEST ISIC ENDORSEMENT //  
POC/TRAINO/LT/ISIC/-/EMAIL: TRAINO(AT)NAVY.(SMIL.)MIL/TEL:XXX-XXX-  
XXXX//  
RMKS/1. PER REF A, *ISIC* ENDORSES AND RECOMMENDS APPROVAL OF REF B.  
2. IMPACT TO TRAINING AND/OR OPERATIONS:  
3. COMMENTS: ADDITIONAL COMMENTS AS REQUIRED//  
BT

**Sample 13**

**TYCOM Mission Area Certification Validation (CV) Request Response**

FM COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA (*as appropriate*)  
TO USS *SHIP*  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI (*as appropriate*)  
COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT  
(*as appropriate*)  
COMCARSTRKGRU/COMEXSTRKGRU (*as appropriate*)  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRU NORFOLK VA/AFLOATRAGRU  
MAYPORT FL/AFLOATRAGRUMIDPAC PEARL HARBOR  
HI/AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUWESTPAC  
YOKOSUKA JA/ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA/  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA/ COMNAVBEACHGRU  
ONE/COMNAVBEACHGRU TWO/NAVINFORWARDEVCCEN NORFOLK VA/  
NAVINFORWARTRAGRU NORFOLK VA/ NAVINFORWARTRAGRU SAN DIEGO  
CA/NAVINFORWARTRAGRU GULFPORT MS (*as appropriate*)  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA (*as appropriate*)  
BT  
UNCLAS  
MSGID/GENADMIN/TYCOM/MMM//  
SUBJ/ USS *SHIP* [*APPLICABLE MISSION AREA*] POLICY EXCEPTION REQUEST  
APPROVAL//  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMYY//  
REF/B/MSGID: GENADMIN/*SHIP*/DTG//  
REF/C/MSGID: GENADMIN/*ADCON ISIC*/DTG//  
REF/D/MSGID: GENADMIN/*ASSESSING AUTHORITY*/DTG//  
NARR/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL (SFTRM).  
REF B IS USS *SHIP* [*APPLICABLE MISSION AREA*] CV REQUEST. REF C IS USS *SHIP*  
[*APPLICABLE MISSION AREA*] CV REQUEST ISIC ENDORSEMENT. REF D IS USS *SHIP*  
[*APPLICABLE MISSION AREA*] CV REQUEST ASSESSING AUTHORITY  
ENDORSEMENT.//  
POC/NAME/*LCDR/N7*/-/EMAIL:NAME(AT)NAVY.(SMIL.)MIL/TEL:XXX-XXX-XXXX//  
RMKS/1. PER REF A, WRT REFS C AND D, *CNSP/CNSL/CNSGWP* APPROVES REF B.  
2. COMMENTS: AS REQUIRED//  
BT

**Sample 14**

**Mission Area Certification Validation (CV) Completion Report**

For ships that conduct a mission area certification validation (CV), ATG will submit the Mission Area CV Completion Report to the TYCOM and ISIC, info the Numbered Fleet Commander reporting completion of CV requirements and recommendation to extend mission area certification. A ship cannot conduct two consecutive CVs. CVs will be tracked by ATG.

*From ATG to TYCOM:*

FM AFLOATRAGRU SAN DIEGO CA/COMAFLOATRAGROUP NORFOLK VA/  
COMAFLOATGROUP MAYPORT FL/AFLOATRAGRUWESTPAC YOKOSUKA JA/  
AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUMIDPAC PEARL  
HARBOR HI *(as appropriate)*  
TO COMNAVSURFPAC SAN DIEGO CA or COMNAVSURFLANT NORFOLK VA *(as appropriate)*  
COMNAVSURFGRU WESTPAC YOKOSUKA JA *(as appropriate)*  
*(ISIC)*  
INFO *(Numbered Fleet)*  
COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRULANT NORFOLK VA  
*(as appropriate)*  
COMNAVSURFGRU MIDPAC  
RSO PNW EVERETT WA *(as appropriate)*  
ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA *(as appropriate)*  
EWTGLANT NORFOLK VA/EWTGPAC SAN DIEGO CA *(as appropriate)*  
COMNAVBEACHGRU ONE/COMNAVBEACHGRU TWO *(as appropriate)*  
CENSURFCOMBATSYS DET *(as applicable)*  
NAVINFOWARDEVCCEN NORFOLK VA *(as appropriate)*  
NAVIFORWARTRAGRU NORFOLK VA *(as appropriate)*  
NAVINFOWARTRAGRU SAN DIEGO CA *(as appropriate)*  
NAVINFOWARDEVGRU GULFPORT MS *(as appropriate)*  
USS SHIP  
AFLOATRAGRU SAN DIEGO CA/COMAFLOATRAGROUP NORFOLK VA/  
COMAFLOATGROUP MAYPORT FL/AFLOATRAGRUWESTPAC YOKOSUKA JA/  
AFLOATRAGRUPACNORWEST EVERETT WA/AFLOATRAGRUMIDPAC PEARL  
HARBOR HI *(as appropriate)*  
BT  
UNCLAS  
MSGID/GENADMIN/AFLOATRAGRU *(as applicable)*//  
SUBJ/USS SHIP MISSION AREA CERTIFICATION VALIDATION COMPLETION  
REPORT//  
REF/A/DOC/CNSP-CNSL/DDMMYY//  
REF/B/*(additional references as applicable, including all waiver, deferral, and extension requests)*//

NARR/REF A IS CNSP-CNSLINST 3502.0, SURFACE FORCE TRAINING AND READINESS MANUAL. REF B (*description of additional references*).//  
POC/(*NAME/RANK/POSITION/COMMAND/EMAIL:/TEL:*)//  
GENTEXT/REMARKS/1. USS *SHIP* CONDUCTED A [*MISSION AREA*] CERTIFICATION VALIDATION (CV) *DDMMYY* TO *DDMMYY*.  
2. PER REFS A AND B, CV CONSISTED OF MATERIAL, ADMIN, AND DRILL PROFICIENCY CHECKS WITH THE PRIMARY GOAL BEING TO VALIDATE USS *SHIP* [*MISSION AREA*] CERTIFICATION.  
3. THE FOLLOWING CES WERE CONDUCTED, WITH AN ASSESSED SCORE OF:  
A. CE-01 - *XX%*  
B. CE-02 - *XX%*  
C. CE-03 - *XX%*  
D. CE-04 - *XX%*  
E. CE-05 - *XX%*  
F. CE-06 - *XX%*  
G. CE-07 - *XX%*  
4. *ATG RECOMMENDS USS SHIP MAINTAIN [MISSION AREA] CERTIFICATION. [MISSION AREA] WILL EXPIRE MMY.*  
- *OR* -  
4. *ATG RECOMMENDS USS SHIP BE GRANTED [MISSION AREA] CERTIFICATION ONCE THE BELOW DEFICIENCIES ARE CORRECTED:*  
A. *ISIC REMEDIATE CE-07*  
B. *3 OF 4 ONBOARD CNEC V56B, PG EDA DDMMYY -OR- NO PG IDENTIFIED.*  
C. *SPY-1D OOC, ETR DDMMYY (CASREP XXXXX)*  
5. ATG COMMENTS://  
BT

**Sample 15**

**Deployment Certification Recommendation**

This message is submitted by TYCOM and CCSG FOUR/FIFTEEN to report completion of Basic, Advanced, and Integrated Phases and provide C3F/CTF80 with a recommendation for deployment certification. The TYCOM will provide this report for ships and CCSG FOUR/FIFTEEN will provide this report for staffs/groups upon completion of the Advanced and Integrated Phases.

FM COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*) or COMSTRKGRU FIFTEEN/FOUR (*as appropriate*)  
TO CTF 80/COMTHIRDFLT (*as appropriate*)  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI (*as appropriate*)  
COMFLTCYBERCOM FT GEORGE G MEADE MD  
COMTENTHFLT  
COMNAVIFOR SUFFOLK VA  
COMCARSTRKGRU/COMEXSTRKGRU (*as appropriate*)  
ISIC  
NAVIOCOM NORFOLK VA  
NAVIOCOM PEARL HARBOR HI  
NAVIOCOM SAN DIEGO CA  
NAVINFOWARDEVGEN NORFOLK VA (*as appropriate*)  
NAVIFORWARTRAGRU NORFOLK VA (*as appropriate*)  
NAVINFOWARTRAGRU SAN DIEGO CA (*as appropriate*)  
NAVINFOWARDEVGRU GULFPORT MS (*as appropriate*)  
USS SHIP  
BT

*CLASSIFICATION*

MSGID/GENADMIN/TYCOM or CCSG4/15/MMM//

SUBJ/DEPLOYMENT CERTIFICATION RECOMMENDATION//

REF/A/DOC/CPF-CUSFFC/01OCT2012//

REF/B/DOC/CNSP-CNSL/DDMMMYY//

NARR/REF A IS COMPACFLT-COMUSFLTFORCOMINST 3501.3D, FLEET TRAINING CONTINUUM. REF B IS CNSP-CNSLINST 3502.0, SURFACE FORCE TRAINING AND READINESS MANUAL.

POC/(NAME/RANK/POSITION/COMMAND/EMAIL:/TEL:)//

RMKS/1. PER REFS A AND B, [ORIGINATOR] CERTIFIES THAT (CSG/ESG/ARG/UNIT) HAS (HAS NOT) SATISFACTORILY COMPLETED ALL ADVANCED/INTEGRATED PHASE TRAINING AND READINESS REQUIREMENTS AND IS (IS NOT) READY FOR DEPLOYMENT.

2. (CSG/ESG/ARG/UNIT) HAS BEEN ASSESSED AS FOLLOWS IN ALL REQUIRED MISSION AREAS (BELOW ARE EXAMPLES AND NOT ALL INCLUSIVE):

AIR WARFARE (AW) AT/BELOW STANDARDS

AMPHIBIOUS WARFARE (AMW) *AT/BELOW* STANDARDS

AVIATION (MOB-A) *AT/BELOW* STANDARDS

BALLISTIC MISSILE DEFENSE (BMD) *AT/BELOW* STANDARDS

ELECTRONIC WARFARE (EW) *AT/BELOW* STANDARDS

CRYPTOLOGY (CRY) *AT/BELOW* STANDARDS

3. ALL INSPECTIONS, QUALIFICATIONS, CERTIFICATIONS, SCHOOLS, AND ASSESSMENTS HAVE BEEN COMPLETED WITH THE FOLLOWING EXCEPTIONS.

A. *TYPE/NAME/REASONS NOT COMPLETE/MITIGATION STEPS AS REQUIRED/COMPLETION DATE*

4. TYCOM HAS COORDINATED INSTALLS AND STATUS OF TCD WAIVER WITH CNCF THAT WILL AFFECT THE SUSTAINMENT PHASE AND DEPLOYED OPERATIONS.

A. SYSTEM/PLANNED INSTALL DATE/IMPACT.

5. PERSONNEL READINESS:

A. PERSONNEL DEFICIENCIES AND ACTIONS TO MITIGATE.

6. EQUIPMENT READINESS SUMMARY FOLLOWS (C3/C4 CASREPS):

A. EQUIPMENT DEFICIENCIES AND ACTIONS TO MITIGATE.

7. SUPPLY READINESS SUMMARY FOLLOWS:

A. SUPPLY/MATERIAL SHORTFALLS AND ACTIONS TO MITIGATE.

8. ORDNANCE READINESS SUMMARY FOLLOWS:

A. ORDNANCE LOADOUT BY MISSION AREA AS FOLLOWS:

\* AW \_ OF \_ ONBOARD

BMD \_ OF \_ ONBOARD

STW \_ OF \_ ONBOARD

SW \_ OF \_ ONBOARD

USW \_ OF \_ ONBOARD

B. AMMUNITION/WEAPON SHORTFALLS AND ACTIONS TO MITIGATE.

9. PLANNED SUSTAINMENT PHASE EVENTS:

DDMMYY – DDMMYY EVENT

10. CLOSING REMARKS.//

BT

\* *Classified as required when filled in*

**Sample 16**

**NSFS Readiness for Training and Qualification Message**

FM USS *SHIP*  
TO EWTGLANT NORFOLK VA / EWTGPAC SAN DIEGO CA (as applicable)  
INFO COMNAVSURFLANT NORFOLK VA / COMNAVSURFPAC SAN DIEGO CA /  
COMNAVSURFGRU WESTPAC YOKOSUKA JA / COMNAVSURFGRU MIDPAC / RSO  
PNW EVERETT WA (as applicable)  
COMAFLOATRAGRU ATLANTIC NORFOLK VA / COMAFLOATRAGRUPAC SAN  
DIEGO CA (as applicable)  
*ISIC*  
USS *SHIP*  
BT  
UNCLAS//  
MSGID/GENADMIN/*SHIP*/MMM//  
SUBJ/NSFS READINESS FOR TRAINING//  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMMYY//  
AMPN/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL (SFTRM).//  
POC/GUNNER/LTJG/USS /TEL: 123-456-7890/EMAIL: GUNNER(AT)NAVY.MIL//  
RMKS/1. PER REF A, USS *SHIP* IS READY TO PROCEED WITH NSFS TRAINING AS  
SCHEDULED.  
2. ADMINISTRATIVE ITEMS OF CONCERN OR INCOMPLETE/ETR  
A. PUBLICATION REVIEW  
B. EQUIPMENT FAMILIARITY  
C. PQS QUALIFICATIONS  
D. RECEIPT OF TRAINING OPORD  
3. MATERIAL ITEMS OF CONCERN/ETR (IF REQUIRED)//  
BT

**Sample 17**

**Notification of Restricted Operations (RO) Message**

FM *ISIC* / COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA (as appropriate)  
TO *USS SHIP*  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI (as  
appropriate)  
COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT  
(as appropriate)  
COMCARSTRKGRU/COMEXSTRKGRU (as appropriate)  
USS SHIP  
BT  
UNCLAS  
MSGID/GENADMIN/*AUTHOR*/MMM//  
SUBJ/NOTIFICATION OF USS *SHIP* PLACEMENT INTO RESTRICTED OPERATIONS  
FOR THE [*APPLICABLE MISSION AREA(S)*] //  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMYY//  
AMPN/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL (SFTRM).//  
POC/TRAINO/LT/*ISIC*/-/EMAIL: TRAINO(AT)NAVY.(SMIL.)MIL/TEL:XXX-XXX-  
XXXX//  
RMKS/1. PER REF A, USS *SHIP* IS PLACED IN RESTRICTED OPERATIONS FOR THE  
[*APPLICABLE MISSION AREA(S)*] UNTIL THE BELOW DEFICIENCY IS CORRECTED:  
A. *SPY-1D OOC, ETR DDMMYY (CASREP XXXXX)*  
2. IMPACT TO OPERATIONS, IF ANY:  
3. COMMENTS: ADDITIONAL COMMENTS AS REQUIRED//  
BT



**Sample 18**

**Notification of Unrestricted Operations Message**

FM *ISIC* / COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA/  
COMNAVSURFGRU WESTPAC YOKOSUKA JA (as appropriate)  
TO *USS SHIP*  
INFO COMUSFLTFORCOM NORFOLK VA/COMPACFLT PEARL HARBOR HI (as  
appropriate)  
COMSECONDFLT/COMTHIRDFLT/COMFIFTHFLT/COMSIXTHFLT/COMSEVENTHFLT  
(as appropriate)  
COMCARSTRKGRU/COMEXSTRKGRU (as appropriate)  
USS SHIP  
BT  
UNCLAS  
MSGID/GENADMIN/*AUTHOR*/MMM//  
SUBJ/NOTIFICATION OF USS *SHIP* PLACEMENT INTO UNRESTRICTED OPERATIONS  
FOR THE [*APPLICABLE MISSION AREA(S)*] //  
REF/A/DOC/CNSP-CNSLINST 3502.0/DDMMYY//  
REF/B/MSGID: GENADMIN/*ADCON ISIC/DTG*//  
NARR/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL (SFTRM).  
REF B IS NOTIFICATION OF USS *SHIP* PLACEMENT INTO RESTRICTED OPERATIONS  
FOR THE [*APPLICABLE MISSION AREA(S)*].//  
POC/TRAINO/LT/*ISIC*/-/EMAIL: TRAINO(AT)NAVY.(SMIL.)MIL/TEL:XXX-XXX-  
XXXX//  
RMKS/1. PER REF A, WRT TO REF B, USS *SHIP* IS PLACED IN UNRESTRICTED  
OPERATIONS FOR THE [*APPLICABLE MISSION AREA(S)*].  
2. COMMENTS: ADDITIONAL COMMENTS AS REQUIRED//  
BT

**Sample 19**

**READ-E 1 Report**

FM USS *SHIP*  
TO COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
*ISIC*  
INFO COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRU ATLANTIC NORFOLK VA (*as appropriate*)  
ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA (*as appropriate*)  
COMNAVNETWARCOM VIRGINIA BEACH VA  
COMNAVIFOR SUFFOLK VA  
COMNAVBEACHGRU ONE/TWO (*as appropriate, AMPHIB only*)  
COMAFLOATRAGRU NORFOLK VA/COMAFLOATRAGRU MAYPORT FL/  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRUMIDPAC PEARL HARBOR HI/  
AFLOATRAGRUWESTPAC YOKOSUKA JA/AFLOATRAGRUPACNORWEST EVERETT WA (*as appropriate*)  
NAVINFOWARDEVCCEN NORFOLK VA (*as appropriate*)  
NAVIFORWARTRAGRU NORFOLK VA (*as appropriate*)  
NAVINFOWARTRAGRU SAN DIEGO CA (*as appropriate*)  
NAVINFOWARDEVGRU GULFPORT MS (*as appropriate*)  
USS *SHIP*  
BT  
MSGID/GENADMIN/*SHIP*//  
SUBJ/USS *SHIP* READ-E 1 REPORT//  
REF/A/DOC/CNSPLINST 3502.0/DDMMYY//  
AMPN/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL//  
RMKS/  
1. PER REFS A AND B, THIS MESSAGE PROVIDES A SUMMARY OF THE READ-E 1 SELF- ASSESSMENT CONDUCTED ON USS (*SHIP'S NAME*) DDMMYY – DDMMYY.  
  
2. CURRENT MISSION AREA PROFICIENCY (TORIS MISSION AREA FOM/CO'S ASSESSMENT). MISSION AREA TORIS MISSION AREA FOM/CO  
AIR WARFARE (AW) XXX/XXX  
AMPHIBIOUS WARFARE (AMW) XXX/XXX  
ANTI-TERRORISM (AT) XXX/XXX  
AVIATION (MOB-A) XXX/XXX  
BALLISTIC MISSILE DEFENSE (BMD) XXX/XXX  
COMMUNICATIONS (COMMS) XXX/XXX  
CRYPTOLOGY (CRY) XXX/XXX  
CYBER (CYBER) XXX/XXX  
DAMAGE CONTROL (MOB-D) XXX/XXX  
ELECTRONIC WARFARE (EW) XXX/XXX  
ENGINEERING (MOB-E) XXX/XXX

EXPLOSIVE SAFETY (EXPSAF) XXX/XXX  
INTELLIGENCE (INT) XXX/XXX  
MAINTENANCE AND MATERIAL MANAGEMENT (3M) XXX/XXX  
MEDICAL (FSO-M) XXX/XXX  
MINE WARFARE (MIW) XXX/XXX  
NAVIGATION (MOB-N) XXX/XXX  
SEAMANSHIP (MOB-S) XXX/XXX  
SEARCH AND RESCUE (SAR) XXX/XXX  
STRIKE WARFARE (STW) XXX/XXX  
SUPPLY MANAGEMENT (SUP) XXX/XXX  
SURFACE WARFARE (SW) XXX/XXX  
UNDERSEA WARFARE (USW) XXX/XXX  
VISIT BOARD SEARCH AND SEIZURE (VBSS) XXX/XXX

3. MANNING REVIEW.

A. BASED ON THE CURRENT BBD/ODCR, THE FOLLOWING MANPOWER SHORTFALLS EXIST (RESPONSES NOTED): *(example)*

RATE BA/COB

SN: 25/25/15

*SN EMIR DTG XXXXXXZMMYYYY. RESPONSE: PG TO CORRECT SHORTFALL AT POB6. IF THIS DOES NOT SUPPORT MISSION RECOMMEND CONTACT ISIC AND TYCOM FOR POSSIBLE TAD/DIVERT.*

B. BASED ON THE CURRENT BBD/ODCR, THE FOLLOWING MANPOWER SHORTFALLS WILL EXIST AT COMMENCEMENT OF THE NEXT BASIC PHASE CYCLE (MMYY OR POB9):

RATE POB3 POB6 POB9

SN: 17 15 10

*SN MANNING FOR XXX CLASS SHIPS IS BEING REDUCED AT POB6 FROM 25 TO 15. CURRENT PROJECTED MANNING AT START OF BASIC PHASE (POB9) IS 10. BA OF 15 IS NOT SUFFICIENT TO MAINTAIN/OPERATE XXX CLASS DECK DEPARTMENT. REQUEST TYCOM REVIEW OF SN MANNING REQUIREMENTS AND MAINTAIN BA OF 25 ON XXX CLASS.*

4. CRITICAL/MISSION IMPACTING NEC REVIEW.

A. BASED ON THE CURRENT BBD, THE FOLLOWING CRITICAL/MISSION IMPACTING NEC SHORTFALLS EXIST:

CRITICAL/MISSION IMPACTING NEC RATE REASON NOT GRANTED OR ONBOARD  
*(SOME EXAMPLES OF BARRIERS)*

*NPC – MBR DETAILED TO SHIP WITHOUT NEC*

*SHIP – NDE/AMPS NOT REFLECTING NEC REQMT*

*SHIP – MBR FAILED TO GRADUATE FROM TRAINING ENROUTE*

*SHIP – NO MBRS ONBOARD ELIGIBLE TO ATTEND*

*SHIP – MBRS ONBOARD, NPC CONTROLLED QUOTA NOT GRANTED*

*SHIP – SHIP CANCELED TRAINING ENROUTE (PROVIDE REASON)*

*SHIP – SHIP ACCEPTED WITHOUT NEC*

*NETC – SCHOOL QUOTA NOT AVAILABLE*

B. BASED ON THE CURRENT BBD, THE FOLLOWING CRITICAL/MISSION IMPACTING NEC SHORTFALLS WILL EXIST AT COMMENCEMENT OF THE NEXT BASIC PHASE CYCLE (*MMYY*): CRITICAL/MISSION IMPACTING NEC RATE STATUS/RECOMMENDATION

5. CRITICAL/NON-CRITICAL SCHOOLS REVIEW.

A. BASED ON FLTMPMS THE FOLLOWING CRITICAL/NON-CRITICAL SCHOOLS SHORTFALLS EXIST:

CRITICAL/NON-CRITICAL SCHOOL RATE/RANK REASON NOT GRANTED OR ONBOARD

B. BASED ON FLTMPMS THE FOLLOWING CRITICAL/NON-CRITICAL SCHOOLS SHORTFALLS WILL EXIST AT COMMENCEMENT OF THE NEXT BASIC PHASE CYCLE (*MMYY*):

CRITICAL/NON-CRITICAL SCHOOL RATE/RANK NAME FOR QUOTA/STATUS

6. TADTAR REVIEW.

A. BASED ON CURRENT AND PROJECTED NEC/SCHOOLS REQUIREMENTS, THE CURRENT ALLOCATED TADTAR *IS/IS NOT* SUFFICIENT TO SUPPORT TRAINING REQUIREMENTS. REQUEST THE FOLLOWING TADTAR FUNDING TO SUPPORT ABOVE NEC/SCHOOLS TRAINING PLAN:

(*YY*)Q1: \$XX,XXX (*YY*)Q2: \$XX,XXX (*YY*)Q3: \$XX,XXX (*YY*)Q4: \$XX,XXX (*YY*)Q1:  
\$XX,XXX

7. MATERIAL/EQUIPMENT REQUIREMENTS REVIEW.

A. THE FOLLOWING CASREPS AND OR OUTSTANDING MATERIAL CONDITIONS EXIST WITH ESTIMATED TIME TO CORRECT:

CASREP/JSN NOMENCLATURE STATUS

B. A MATERIAL ASSESSMENT WAS CONDUCTED AND THE FOLLOWING MATERIAL/EQUIPMENT ISSUES HAVE BEEN IDENTIFIED THAT HAVE POTENTIAL TO IMPACT THE FOLLOW-ON BASIC CYCLE (*MMYY*):

JSN NOMENCLATURE ISSUE

C. THE FOLLOWING SHIP SYSTEM ADDITIONS/MODIFICATIONS WILL OCCUR DURING THE POST DEPLOYMENT MAINTENANCE PERIOD AND SUFFICIENT TRAINING/SUPPORT *HAS/HAS NOT* BEEN IDENTIFIED:

SYSTEM STATUS

D. THE FOLLOWING DEPARTURES FROM SPECIFICATION (DFS) HAVE BEEN IDENTIFIED THAT HAVE POTENTIAL TO IMPACT THE FOLLOW-ON BASIC CYCLE:

E. CO'S GENERAL COMMENTS ON MATERIAL/EQUIPMENT:

8. MANAGEMENT PROGRAMS.

A. A COMPREHENSIVE REVIEW OF ALL MANAGEMENT PROGRAMS, (TO INCLUDE: SAFETY MANAGEMENT, TRAFFIC, MOTORCYCLE, RODS, PPE, ORM, FALL PROTECTION, LEAD, ASBESTOS, RADIATION, LASER, FALL PROTECTION, SIGHT, RESPIRATORY, DC, ELECTRICAL, TAG OUT, HEARING CONSERVATION, HEAT STRESS, ENVIRONMENTAL PROTECTION, PQS, TRAINING, LOQM, FOQM, LEGAL

RECORDS, QUALCERT, 3M, AIR ADMIN, SAR, CYBER) WAS CONDUCTED AND THE FOLLOWING DISCREPANCIES WERE NOTED:

9. CO'S COMMENTS/CONCERNS.

*A. DUE TO PERSONNEL LOSS IN QM MANNING, TURNOVER IN ENGINEERING DEPARTMENT AND LACK OF SUFFICIENT OPPORTUNITIES TO EXERCISE USW, THESE MISSION AREAS ARE BELOW STANDARDS AND WILL REQUIRE ADDITIONAL TRAINING. AW, SUPPLY, DC AND BMD HAVE BEEN EXTENSIVELY EXERCISED SINCE LAST DEPLOYMENT AND HAVE MAINTAINED THEIR PROFICIENCY STANDARDS. SHIP WILL LOSE XX% OF THE OFFICER AND ENLISTED PERSONNEL SINCE COMPLETION OF THE LAST BASIC PHASE. PARTICULAR CONCERN IS THE MEDICAL LOSS OF THE SYSTEM TEST OFFICER (STO), GAPPING OF THE COMBAT SYSTEMS MAINTENANCE MANAGER BILLET (CSMM) AND 15 MONTH IA OF THE ELECTRONICS MATERIAL OFFICER (EMO), COMBINED WITH ROTATION OF THE COMBAT SYSTEMS OFFICER (CSO) UPON RETURN FROM DEPLOYMENT LEAVE. NO COMBAT SYSTEMS EXPERIENCE POST DEPLOYMENT TO CONDUCT SUSTAINMENT TRAINING AND PREPARE FOR ENTERING SRA. REQUEST IMMEDIATE FILL OF THE STO AND CSMM BILLETS. SHIP WILL BE CONDUCTING INSURV POST PSA AT WEEK 17 OF THE BASIC PHASE WHICH MAY IMPACT SHIP'S ABILITY TO COMPLETE ALL BASIC PHASE REQUIREMENTS ON TIME. SHIP IS SCHEDULED TO RECEIVE GIG-E LAN UPGRADE DURING SRA. NO NAVY SCHOOL/NEC HAS BEEN DEVELOPED TO TRAIN OPERATORS TO MAINTAIN OR OPERATE THIS NEW EQUIPMENT.//*

BT

**Sample 20**

**READ-E 2 Report**

FM COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
TO USS *SHIP*  
INFO COMAFLOATRAGRU ATLANTIC NORFOLK VA/COMAFLOATRAGRUPAC SAN DIEGO CA (*as appropriate*)  
ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA (*as appropriate*)  
COMNAVNETWARCOM VIRGINIA BEACH VA  
COMNAVIFOR SUFFOLK VA  
COMNAVBEACHGRU ONE / TWO (*as appropriate, AMPHIB only*)  
COMAFLOATRAGRU NORFOLK VA/COMAFLOATRAGRU MAYPORT FL/  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRUMIDPAC PEARL HARBOR HI/  
AFLOATRAGRUWESTPAC YOKOSUKA JA/AFLOATRAGRUPACNORWEST EVERETT WA (*as appropriate*)  
*ISIC*  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
BT  
MSGID/GENADMIN/*TYCOM*//  
SUBJ/USS *SHIP* READ-E 2 REPORT//  
REF/A/DOC/CNSPLINST 3502.0/ *DDMMYY* //  
REF/B/USS *SHIP* READ-E 1 REPORT/*DTG*//  
NARR/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL. REF B IS USS *SHIP*'S READ-E 1 REPORT.//  
RMKS/  
1. PER REFS A AND B, THIS MESSAGE PROVIDES THE RESULTS OF THE READ-E 2 TYCOM ASSESSMENT OF USS *SHIP*'S *DDMMYY* – *DDMMYY*.  
2. DEMONSTRATION SUMMARY. (A SUMMARY AND LIST OF MAJOR DISCREPANCIES IS PROVIDED FOR EACH DEMONSTRATION.)  
A. FULL POWER  
B. QUICK REVERSAL (AHEAD AND ASTERN)  
C. STEERING  
D. ANCHOR DROP  
E. SELF-DEFENSE DETECT-TO-ENGAGE  
F. AREA DEFENSE DETECT-TO-ENGAGE (AS APPLICABLE)  
G. UNDERSEA WARFARE DETECT-TO-ENGAGE  
H. GUNNERY DEMONSTRATIONS (25MM AND LARGER CALIBER WEAPONS)  
I. DEMONSTRATE OPERABILITY OF VOICE, DATA LINK, AND NETWORKS  
J. BALLAST AND DE-BALLAST (AS APPLICABLE)  
K. AFFF OPERATIONAL CHECKS (AS APPLICABLE)  
L. MINE HUNTING/SWEEPING

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

3. SENIOR ASSESSOR'S COMMENTS.
4. PRE-AVAILABILITY LOCK TSRA COMPLETION REPORT WILL BE PROVIDED  
SEPCOR.//  
BT

**Sample 21**

**READ-E 3 Report**

FM COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
TO USS *SHIP*  
INFO COMAFLOATRAGRU ATLANTIC NORFOLK VA/COMAFLOATRAGRUPAC SAN DIEGO CA (*as appropriate*)  
ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA (*as appropriate*)  
COMNAVNETWARCOM VIRGINIA BEACH VA  
COMNAVIFOR SUFFOLK VA  
COMNAVBEACHGRU ONE / TWO (*as appropriate, AMPHIB only*)  
COMAFLOATRAGRU NORFOLK VA/COMAFLOATRAGRU MAYPORT FL/  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRUMIDPAC PEARL HARBOR HI/  
AFLOATRAGRUWESTPAC YOKOSUKA JA/AFLOATRAGRUPACNORWEST EVERETT WA  
NAVINFOWARDEVCCEN NORFOLK VA (*as appropriate*)  
NAVIFORWARTRAGRU NORFOLK VA (*as appropriate*)  
NAVINFOWARTRAGRU SAN DIEGO CA (*as appropriate*)  
NAVINFOWARDEVGRU GULFPORT MS (*as appropriate*)  
(*as appropriate*)  
*ISIC* (*as appropriate*)  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
BT  
MSGID/GENADMIN/TYCOM//  
SUBJ/USS *SHIP* READ-E 3 REPORT//  
REF/A/DOC/CNSPLINST 3502.0/DDMMYY//  
REF/B/USS *SHIP* READ-E 1 REPORT/DTG//  
NARR/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL. REF B IS USS *SHIP'S* READ-E 1 REPORT.//  
RMKS/

1. PER REFS A AND B, THIS MESSAGE PROVIDES THE RESULTS OF THE READ-E 3 TYCOM ASSESSMENT OF USS (*SHIP'S NAME*) DDMMYY – DDMMYY.

2. ATG INPUTS.

A. MISSION AREA EVALUATED	LOK	DRILL
	GRADE	GRADE
AIR WARFARE (AW)	XX	XX
AMPHIBIOUS WARFARE (AMW)	XX	NA
ANTI-TERRORISM (AT)	XX	NA
AVIATION (MOB-A)	XX	NA
BALLISTIC MISSILE DEFENSE (BMD)	XX	NA
COMMUNICATIONS (COMMS)	XX	NA
CRYPTOLOGY (CRY)	XX	NA



CYBER (CYBER)	XX	NA
DAMAGE CONTROL (MOB-D)	XX	XX
ELECTRONIC WARFARE (EW)	XX	NA
ENGINEERING (MOB-E)	XX	NA
EXPLOSIVE SAFETY (EXPSAF)	XX	XX
INTELLIGENCE (INT)	XX	NA
MAINTENANCE AND MATERIAL MANAGEMENT (3M)	XX	NA
MEDICAL (FSO-M)	XX	NA
MINE WARFARE (MIW)	XX	NA
NAVIGATION (MOB-N)	XX	NA
SEAMANSHIP (MOB-S)	XX	NA
SEARCH AND RESCUE (SAR)	XX	NA
STRIKE WARFARE (STW)	XX	NA
SUPPLY MANAGEMENT (SUP)	XX	NA
SURFACE WARFARE (SW)	XX	NA
UNDERSEA WARFARE (USW)	XX	NA
VISIT BOARD SEARCH AND SEIZURE (VBSS)	XX	NA

B. SPECIFIC NOTES BY WARFARE AREA:

AW:

AMW:

AT:

MOB-A:

BMD:

COMMS:

CRY:

CYBER:

MOB-D:

EW:

MOB-E:

EXPSAF:

INT:

3M:

FSO-M:

MIW:

MOB-N:

MOB-S:

SAR:

STW:

SUP:

SW:

USW:

VBSS:

3. MANNING REVIEW:

A. REPORT FIT/FILL

4. CRITICAL NEC REVIEW:

- A. REPORT CNEC SHORTFALLS, BBD VERSUS DRRS-N TH
- B. COMMENTS:

5. CRITICAL/NON-CRITICAL SCHOOLS REVIEW:

- A. BASED ON READ-E1 REPORT, THE FOLLOWING CRITICAL (CR)/NON-CRITICAL SCHOOLS SHORTFALLS EXIST:  
CIN            RATE        STATUS

6. PQS/TRAINING PROGRAM REVIEW.

- A. THE FOLLOWING ARE THE DIVISIONAL TRAINING AND PQS GRADES.  
EFFECTIVE: GREATER THAN 80, PARTIALLY EFFECTIVE: 65-79, INEFFECTIVE:  
LESS THAN 64.

TRAINING    PQS

- 1. A DIV
- 2. E DIV
- 3. MP DIV
- 4. R DIV
- 5. CC DIV
- 6. CE DIV
- 7. CF DIV
- 8. OT DIV
- 9. OI DIV
- 10. OD DIV
- 11. NAV
- 12. CA DIV
- 13. CG DIV
- 14. CM DIV
- 15. ADMIN
- 16. MEDICAL
- 17. SUPPLY (*S1, S2, etc.*)

- C. SPECIFIC COMMENTS FOR EACH DEPARTMENT AND DIVISION WERE DISCUSSED AND SUBMITTED TO THE SHIP FROM CNSL N7.

- 7. CRAV REPORT TRANSMITTED SEPCOR.
- 8. SOH AND ENVIRONMENTAL PROGRAMS REPORT TRANSMITTED SEPCOR.
- 9. N7 REMARKS:  
BT

**Sample 22**

**READ-E 4 Report**

FM COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
TO USS *SHIP*  
INFO COMAFLOATRAGRU ATLANTIC NORFOLK VA/COMAFLOATRAGRUPAC SAN DIEGO CA (*as appropriate*)  
ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA (*as appropriate*)  
COMNAVNETWARCOM VIRGINIA BEACH VA  
COMNAVIFOR SUFFOLK VA  
COMNAVBEACHGRU ONE / TWO (*as appropriate, AMPHIB only*)  
COMAFLOATRAGRU NORFOLK VA/COMAFLOATRAGRU MAYPORT FL/  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRUMIDPAC PEARL HARBOR HI/  
AFLOATRAGRUWESTPAC YOKOSUKA JA/AFLOATRAGRUPACNORWEST EVERETT WA (*as appropriate*)  
*ISIC (as appropriate)*  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
BT  
UNCLAS  
MSGID/GENADMIN/*TYCOM*//  
SUBJ/USS *SHIP* READ-E 4 REPORT//  
REF/A/DOC/CNSPLINST 3502.0/ *DDMMYY* //  
AMPN/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL.//  
RMKS/  
1. PER REFS A AND B, THIS MESSAGE PROVIDES THE RESULTS OF THE READ-E 4 TYCOM ASSESSMENT OF USS (*SHIP'S NAME*) *DDMMYY* – *DDMMYY*.  
2. SUB-EVENT SUMMARY. (A SUMMARY AND LIST OF MAJOR DISCREPANCIES IS PROVIDED FOR EACH SUB-EVENT.)  
A. LOA  
B. CREW CERTIFICATION  
C. DOCK TRIALS/FAST CRUISE  
D. SQUADRON/GROUP STAFF NAVIGATION ASSESSMENT  
E. CONTRACTOR SEA TRIALS  
3. SENIOR ASSESSOR'S COMMENTS.  
4. LOA, CREW CERTIFICATION, AND NAVIGATION ASSESSMENT QUALIFICATION REPORTS WILL BE PROVIDED SEPCOR.//  
BT

**Sample 23**

**READ-E 5 Report**

FM COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
TO USS *SHIP*  
INFO COMAFLOATRAGRU ATLANTIC NORFOLK VA/COMAFLOATRAGRUPAC SAN DIEGO CA (*as appropriate*)  
ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA (*as appropriate*)  
COMNAVNETWARCOM VIRGINIA BEACH VA  
COMNAVIFOR SUFFOLK VA  
COMNAVBEACHGRU ONE / TWO (*as appropriate, AMPHIB only*)  
COMAFLOATRAGRU NORFOLK VA/COMAFLOATRAGRU MAYPORT FL/  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRUMIDPAC PEARL HARBOR HI/  
AFLOATRAGRUWESTPAC YOKOSUKA JA/AFLOATRAGRUPACNORWEST EVERETT WA (*as appropriate*)  
NAVINFOWARDEVCCEN NORFOLK VA (*as appropriate*)  
NAVIFORWARTRAGRU NORFOLK VA (*as appropriate*)  
NAVINFOWARTRAGRU SAN DIEGO CA (*as appropriate*)  
NAVINFOWARDEVGRU GULFPORT MS (*as appropriate*)  
*ISIC* (*as appropriate*)  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
BT  
MSGID/GENADMIN/TYCOM//  
SUBJ/USS *SHIP* READ-E 5 REPORT//  
REF/A/DOC/CNSPLINST 3502.3/ *DDMMYY* //  
AMPN/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL.//  
RMKS/  
1. PER REFS A AND B, THIS MESSAGE PROVIDES THE RESULTS OF THE READ-E 5 TYCOM ASSESSMENT OF USS (*SHIP'S NAME*) *DDMMYY* – *DDMMYY*.  
2. SUB-EVENT SUMMARY. (A SUMMARY AND LIST OF MAJOR DISCREPANCIES IS PROVIDED FOR EACH SUB-EVENT.)  
A. POST-AVAILABILITY TSRA  
B. TIER 1 AND TIER 2 MATERIAL CHECKS  
C. CMAV  
D. TYCOM SEA TRIALS  
3. TYCOM SEA TRIALS DEMONSTRATION SUMMARY. (A SUMMARY AND LIST OF MAJOR DISCREPANCIES IS PROVIDED FOR EACH DEMONSTRATION.)  
A. FULL POWER  
B. QUICK REVERSAL (AHEAD AND ASTERN)  
C. STEERING  
D. ANCHOR DROP  
E. SELF-DEFENSE DETECT-TO-ENGAGE

- F. AREA DEFENSE DETECT-TO-ENGAGE (AS APPLICABLE)
  - G. UNDERSEA WARFARE DETECT-TO-ENGAGE
  - H. GUNNERY DEMONSTRATIONS (25MM AND LARGER CALIBER WEAPONS)
  - I. DEMONSTRATE OPERABILITY OF VOICE, DATA LINK, AND NETWORKS
  - J. BALLAST AND DE-BALLAST (AS APPLICABLE)
  - K. AFFF OPERATIONAL CHECKS (AS APPLICABLE)
  - L. MINE HUNTING/SWEEPING
  - M. CRANE OPERATIONAL CHECKS
  - 4. SENIOR ASSESSOR'S COMMENTS.
  - 5. POST-AVAILABILITY TSRA COMPLETION REPORT WILL BE PROVIDED SEPCOR.//
- BT

**Sample 24**

**READ-E 6 Report**

FM COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
TO USS *SHIP*  
INFO COMAFLOATRAGRU ATLANTIC NORFOLK VA/COMAFLOATRAGRUPAC SAN DIEGO CA (*as appropriate*)  
ENGASMLANT NORFOLK VA/ENGASMPAC SAN DIEGO CA (*as appropriate*)  
COMNAVNETWARCOM VIRGINIA BEACH VA  
COMNAVIFOR SUFFOLK VA  
COMNAVBEACHGRU ONE / TWO (*as appropriate, AMPHIB only*)  
COMAFLOATRAGRU NORFOLK VA/COMAFLOATRAGRU MAYPORT FL/  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRUMIDPAC PEARL HARBOR HI/  
AFLOATRAGRUWESTPAC YOKOSUKA JA/AFLOATRAGRUPACNORWEST EVERETT WA (*as appropriate*)  
*ISIC (as appropriate)*  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
BT  
MSGID/GENADMIN/*TYCOM*//  
SUBJ/USS *SHIP* READ-E 6 REPORT//  
REF/A/DOC/CNSPLINST 3502.0/ *DDMMYY* //  
AMPN/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL.//  
RMKS/  
1. PER REFS A AND B, THIS MESSAGE PROVIDES THE RESULTS OF THE READ-E 6 TYCOM ASSESSMENT OF USS *SHIP* *DDMMYY* – *DDMMYY*.  
2. SUB-EVENT SUMMARY. (A SUMMARY AND LIST OF MAJOR DISCREPANCIES IS PROVIDED FOR EACH SUB-EVENT.)  
A. MI SOE REHEARSAL  
B. INDUSTRIAL HYGIENE (IH) SURVEY  
C. TIER 2 MATERIAL VALIDATION  
D. MAINTENANCE PERIOD  
3. MI SOE DEMONSTRATION SUMMARY. (A SUMMARY AND LIST OF MAJOR DISCREPANCIES IS PROVIDED FOR EACH DEMONSTRATION.)  
A. FULL POWER  
B. QUICK REVERSAL (AHEAD AND ASTERN)  
C. STEERING  
D. ANCHOR DROP  
E. SELF-DEFENSE DETECT-TO-ENGAGE  
F. AREA DEFENSE DETECT-TO-ENGAGE (AS APPLICABLE)  
G. UNDERSEA WARFARE DETECT-TO-ENGAGE  
H. GUNNERY DEMONSTRATIONS (25MM AND LARGER CALIBER WEAPONS)  
I. BALLAST AND DE-BALLAST (AS APPLICABLE)

COMNAVSURFPAC/  
COMNAVSURFLANTINST 3502.7  
1 Nov 18

4. SENIOR ASSESSOR'S COMMENTS.
  5. IH SURVEY REPORT WILL BE PROVIDED SEPCOR.//
- BT

**Sample 25**

**SAFE TO START ASSESSMENT**

FM ISIC  
TO COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
INFO COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRU ATLANTIC NORFOLK VA (*as appropriate*)  
ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA (*as appropriate*)  
USS SHIP  
ISIC  
BT  
UNCLAS  
SUBJ/USS SHIP SAFE TO START ASSESSMENT//  
MSGID/GENADMIN//  
REF/A/CNSPLINST 3502.0/DDMMYY//  
AMPN/REF A IS THE SURFACE FORCE READINESS MANUAL//  
POC/LAST, FIRST/NAME/UNIT/-/TEL: (XXX)XXX-XXXX// GENTEXT/REMARKS/-//  
RMKS/1. A SAFE TO START ASSESSMENT WAS CONDUCTED ON USS SHIP ON XX  
MMM YYYY, AT XXX. THE OBJECTIVES OF THE ASSESSMENT PER REF A  
(WERE/WERE NOT) ACCOMPLISHED. THE SHIP IS ASSESSED AS (READY / NOT  
READY) HOT PLANT TESTING.  
2. THE FOLLOWING TIMELINE AND SCHEDULE OF EVENTS FOR HOT PLANT  
TESTING APPLIES:  
3. ISIC COMMENTS:  
BT



**Sample 26**

**LOA REPORT**

FM ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA (*as appropriate*)  
TO COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (*as appropriate*)  
INFO COMAFLOATRAGRUPAC SAN DIEGO CA/COMAFLOATRAGRU ATLANTIC NORFOLK VA (*as appropriate*)  
ENGASMPAC SAN DIEGO CA/ENGASMLANT NORFOLK VA (*as appropriate*)  
USS *SHIP*  
*ISIC (as appropriate)*  
BT  
UNCLAS  
SUBJ/USS *SHIP* LOA REPORT//  
MSGID/GENADMIN//  
REF/A/CNSPLINST 3502.0/DDMMYY//  
REF/B/DOC/ATGPACINST 3502.1, TAB O//  
NARR/REF A IS THE SURFACE FORCE TRAINING AND READINESS MANUAL. REF B IS ATG USER GUIDE MOB-E DETAILED GUIDANCE.//  
POC/LAST, FIRST/RANK/UNIT: *EAP/EAA*-/TEL: (XXX)XXX-XXXX//  
GENTEXT/REMARKS/-//  
RMKS/1. USS *SHIP* CONDUCTED A TYCOM LOA ON XX MMM YYYY, AT XXX. THE OBJECTIVES OF THE ASSESSMENT PER REF A (*WERE/WERE NOT*) ACCOMPLISHED. THE SHIP IS ASSESSED AS (*READY FOR LIGHT OFF/NOT READY FOR LIGHT OFF BUT A CLEAR PATH EXISTS/NOT READY FOR LIGHT OFF*) AS ESTABLISHED PER REFS A AND B. THE SHIP (*MET/DID NOT MEET*) MINIMUM EQUIPMENT. THE SENIOR ASSESSOR WAS XXXX.  
2. MINIMUM EQUIPMENT, TO SUPPORT LIGHT OFF, (*WAS/WAS NOT*) MET.  
A. NUMBER OF CHECKS SCHEDULED:  
B. NUMBER OF CHECKS ATTEMPTED:  
C. NUMBER OF CHECKS COMPLETED:  
D. FIRST PASS YIELD:  
3. SAFE TO OPERATE MET: *YES/NO*  
4. TOTAL NUMBER OF DEPARTURE FROM SPECIFICATIONS (DFS'S) IN EFFECT AT THE BEGINNING OF THE ASSESSMENT: X. NUMBER OF DFS'S GENERATED DURING THE ASSESSMENT: X.  
5. TOTAL NUMBER OF TEMPORARY STANDING ORDERS (TSO'S) IN EFFECT AT THE BEGINNING OF THE ASSESSMENT: X. NUMBER OF TSO'S GENERATED DURING THE VISIT: X.  
6. TOTAL NUMBER OF RESTRICTIVES: XX  
  
7. NUMBER OF RESTRICTIVES THAT WERE CLEARED: XX  
8. TOTAL NUMBER OF ITEMS OF PRIORITY IDENTIFIED: X  
A. IOP 1

B. IOP 2

9. TOTAL NUMBER OF ITEMS OF CONCERN IDENTIFIED: X

A. IOC 1

B. IOC 2

10. TOTAL NUMBER OF CASREPS: X

11. THE FOLLOWING MATERIAL CHECKS OUTSTANDING TO ACHIEVE MINIMUM EQUIPMENT:

A. LIST

12. THE FOLLOWING MATERIAL CHECKS WERE NOT ACCOMPLISHED:

A. LIST

13. THE FOLLOWING MANAGEMENT PROGRAMS WERE ASSESSED AND GRADED:

A. SOH:

1) HEAT STRESS – *EFFECTIVE/PARTIALLY EFFECTIVE/NOT EFFECTIVE*

2) HEARING CONSERVATION - *EFFECTIVE/PARTIALLY EFFECTIVE/NOT EFFECTIVE*

3) ELECTRICAL SAFETY - *EFFECTIVE/PARTIALLY EFFECTIVE/NOT EFFECTIVE*

4) TAG OUT - *EFFECTIVE/PARTIALLY EFFECTIVE/NOT EFFECTIVE*

B. CRITICAL:

1) PQS – *READY/NOT READY TO SUPPORT LIGHT OFF*

2) ENGINEERING TRAINING - *READY/NOT READY TO SUPPORT LIGHT OFF*

3) LUBE OIL QUALITY MANAGEMENT – *READY/NOT READY TO SUPPORT LIGHT OFF*

4) FUEL OIL QUALITY MANAGEMENT - *READY/NOT READY TO SUPPORT LIGHT OFF*

5) LEGAL RECORDS - *READY/NOT READY TO SUPPORT LIGHT OFF*

6) DIESEL READINESS SYSTEM - *READY/NOT READY TO SUPPORT LIGHT OFF*

C. OTHER PROGRAMS

1) EOSS – *READY/NOT READY TO SUPPORT LIGHT OFF*

2) OPERATING LOGS - *READY/NOT READY TO SUPPORT LIGHT OFF*

3) QUALITY ASSURANCE - *READY/NOT READY TO SUPPORT LIGHT OFF*

4) MGTESR-WEBLOG - *READY/NOT READY TO SUPPORT LIGHT OFF*

5) DEPARTURE FROM SPECIFICATIONS - *READY/NOT READY TO SUPPORT LIGHT OFF*

14. MAIN SPACE FIREFIGHTING CAPABILITY WAS ASSESSED AS *SUPPORTING LIGHT OFF/NOT SUPPORTING LIGHT OFF*.

15. SENIOR ASSESSORS COMMENTS://

BT

**Sample 27**

**CREW CERTIFICATION REPORT**

FM ADCON ISIC (as appropriate)  
TO USS SHIP  
INFO COMAFLOATRAGRU ATLANTIC NORFOLK VA/COMAFLOATRAGRUPAC SAN  
DIEGO CA (as appropriate)  
COMAFLOATRAGRU NORFOLK VA/COMAFLOATRAGRU MAYPORT FL/  
AFLOATRAGRU SAN DIEGO CA/AFLOATRAGRUMIDPAC PEARL HARBOR HI/  
AFLOATRAGRUWESTPAC YOKOSUKA JA/AFLOATRAGRUPACNORWEST EVERETT  
WA (as appropriate)  
ISIC (as appropriate)  
COMNAVSURFPAC SAN DIEGO CA/COMNAVSURFLANT NORFOLK VA (as  
appropriate)  
BT  
MSGID/GENADMIN/TYCOM//  
SUBJ/USS SHIP CREW CERTIFICATION REPORT//  
REF/A/DOC/CNSPLINST 3502.0/DDMMYY/  
AMPN/REF A IS SURFACE FORCE TRAINING AND READINESS MANUAL//  
RMKS/1. PER REFS A AND B, THIS MESSAGE PROVIDES THE RESULTS OF THE  
CREW CERTIFICATION OF USS (SHIP'S NAME) DDMMYY – DDMMYY.  
2. A REVIEW OF THE SHIP'S TRAINING AND ADMINISTRATION WAS CONDUCTED  
WITH THE FOLLOWING MAJOR DISCREPANCIES IDENTIFIED:  
A. COMMAND AND DEPARTMENTAL TRAINING PROGRAMS.  
B. SHIP'S OPERATIONAL AND EMERGENCY BILLS.  
C. MANAGEMENT PROGRAMS.  
D. MANNING, SCHOOLS, AND NECS.  
E. WATCHBILLS.  
3. AN ASSESSMENT OF WATCHSTANDERS' LEVEL OF KNOWLEDGE WAS  
CONDUCTED WITH THE FOLLOWING MAJOR DISCREPANCIES IDENTIFIED:  
4. AN ASSESSMENT OF THE SHIP'S CRITICAL EQUIPMENT FOR NAVIGATION,  
SEAMANSHIP, AND SEARCH AND RESCUE (SAR) WAS CONDUCTED WITH THE  
FOLLOWING MAJOR DISCREPANCIES IDENTIFIED:  
A. NAVIGATION.  
B. SEAMANSHIP.  
5. SENIOR ASSESSOR'S COMMENTS.  
A. USS SHIP (MET / MET (WITH EXCEPTIONS) / DID NOT MEET) THE STANDARDS FOR  
CREW CERTIFICATION.  
B. THE FOLLOWING ACTIONS MUST BE COMPLETED AND VERIFIED BY THE  
CERTIFYING AUTHORITY PRIOR TO GETTING UNDERWAY://  
BT

**Sample 28**

**WTCC Mission Area Validation Plan**

FM USS (SHIP)  
TO ISIC  
INFO TYCOM  
NUMBERED FLEET COMMANDER  
COMAFLOATRAGRU(LANT or PAC as appropriate)  
AFLOATRAGRU (as appropriate)  
MSGID/GENADMIN/(SHIP)/(MONTH)//  
SUBJ/USS (SHIP) WTCC MISSION AREA VALIDATION PLAN//  
REF/A/DOC/COMNAVSURFPAC/LANTINST 3502.0/DDMMYY//  
AMPN/REF A IS CNSP-CNSLINST 3502.0 (SURFACE FORCE TRAINING AND  
READINESS MANUAL)//  
POC/(NAME)/(RANK)/(POSITION)/(LOCATION)/(EMAIL)//  
RMKS/1. PER REF A, (USS SHIP) WTCC MISSION AREA VALIDATION PLAN REPORTS  
THAT (SHIP) HAS LESS THAN THE MINIMUM KEY WATCH STANDERS REQUIRED  
IN A WATCH TEAM CONTINUITY CRITICAL (WTCC) MISSION AREA, AND  
PROPOSES THE FOLLOWING PLAN TO MEET PERSONNEL TRAINING PROFICIENCY  
REQUIREMENTS.  
2. THE FOLLOWING MISSION AREA(S) ARE NEGATIVELY AFFECTED BY CURRENT  
MANNING:  
A. (MISSION AREA): (STATE DETAILS IN THIS PARAGRAPH. FOR EXAMPLE, 2 OF  
2 ASWE NOT ONBOARD DUE TO UNPLANNED LOSS, ETC.)  
3. THE FOLLOWING PLAN WILL BE INSTITUTED UNTIL REQUIRED PERSONNEL  
REPORT ONBOARD OR PROFICIENCY TRAINING IS COMPLETE:  
A. (MISSION AREA): (STATE SPECIFIC MITIGATION STEPS. FOR EXAMPLE,  
DIVISION OFFICER WITH PREVIOUS ASWE EXPERIENCE INTERIM QUALIFIED,  
ADDITIONAL DRILLS AND TRAINING SCENARIOS TO BE RUN, INCREASED  
CLASSROOM TRAINING, EMIR SUBMITTED, TYCOM N1 CONTACTED, SCHOOL  
QUOTA CONFIRMED, ETC.)  
4. REQUEST VALIDATION PER REF A//  
BT

**Sample 29**

**WTCC Mission Area Validation Completion Report**

FM ISIC  
TO TYCOM  
INFO NUMBERED FLEET COMMANDER  
COMAFLOATRAGRU(LANT or PAC as appropriate)  
AFLOATRAGRU (as appropriate)  
USS SHIP  
MSGID/GENADMIN/(ISIC)/(MONTH)//  
SUBJ/USS (SHIP) WTCC MISSION AREA VALIDATION COMPLETION REPORT//  
REF/A/DOC/COMNAVSURFPAC/LANT/DDMMYY//  
REF/B/MSG/USS SHIP/DDMMYY//  
NARR/REF A IS CNSP-CNSLINST 3502.0 (SURFACE FORCE TRAINING AND  
READINESS MANUAL). REF B IS USS SHIP WTCC MISSION AREA VALIDATION  
PLAN MESSAGE.//  
POC/(NAME)/(RANK)/(POSITION)/(LOCATION)/(EMAIL)//  
RMKS/1. PER REF A, VALIDATION OF USS SHIP WTCC MISSION AREA SHORTFALL  
REPORTED IN REF B IS COMPLETE.  
2. USS SHIP DEMONSTRATED THE FOLLOWING:  
    A. (STATE RE'S ACCOMPLISHED AND SCORES ATTAINED, STATUS OF  
REQUIRED SCHOOLS AND NEC'S FOR THE AFFECTED MISSION AREA (if applicable),  
AND ANY OTHER SIGNIFICANT INFORMATION)  
3. REQUEST TYCOM ENDORSEMENT.//  
BT

## Appendix F

### KEY REFERENCES

This appendix provides overarching guidance and lists key readiness references, by PESTO pillars, which support SFTRM execution. Additional references reside on the ATGPAC and ATGLANT websites.

**Personnel Related Guidance.** Manning, NECs, and shipboard programs (not covered in other PESTO certifications or inspections)

1. ENLISTED MANNING POLICY AND PROCEDURES (COMFLTFORCOM/COMNAVPERSCOMINST 1300.1 (Series)). Promulgates enlisted manning policy and procedures for U.S. Navy sea and shore activities.
2. FLEET TRAINING MANAGEMENT AND PLANNING SYSTEM (FLTMPS). Part of the NTMPS system, integrates Manpower, Personnel, Training and Education data into a single reporting system. Provides a list of critical NECs.
3. COMMAND READINESS ASSIST VISIT (COMNAVSURFPAC/COMNAVSURFLANTINST 1300.1 (Series)). Specifies procedures and requirements for Immediate Superior in Command (ISIC) to assess LANT and PAC surface ship programs.
4. ANTI-SUBMARINE WARFARE CERTIFICATION (COMNAVSURFPAC/COMNAVSURFLANTINST 3361.2(Series)). Specifies ASWC material checks requirement for DDG, and CG Class Ships equipped with ASW systems.
5. BALLISTIC MISSILE DEFENSE CERTIFICATION (COMNAVSURFPAC/COMNAVSURFLANTINST 8820.2 (Series)). Specifies procedures, manning and NEC requirements for qualification and certification of Naval Surface Forces ships equipped with Aegis Ballistic Missile Defense (BMD) Systems.
6. CRUISE MISSILE QUALIFICATION/CERTIFICATION PROGRAM (COMNAVSURFORINST 8820.1 (Series)). Specifies procedures and manning and NEC requirements for certification and tactical qualification of Surface Force Ships equipped with Tomahawk and Harpoon cruise missile systems.
7. ANTI-TERRORISM (AT) PROGRAM (COMNAVSURFPAC/COMNAVSURFLANTINST 3300.1 (Series)). Specifies AT policy, procedures, and manning and NEC requirements.
8. NAVY SAFETY AND OCCUPATIONAL HEALTH (SOH) PROGRAM MANUAL FOR FORCES AFLOAT (OPNAVINST 5100.19 (Series)). Specifies SOH requirements for afloat commands.

9. COMNAVSURFLANT INFORMATION ASSURANCE (IA) PROGRAM (COMNAVSURFLANTINST 5239.1 (Series)). Specifies COMNAVSURFLANT IA requirements.
10. MEDICAL READINESS INSPECTION (MRI) PROGRAM (COMNAVSURFORINST 6000.2 (Series)). Specifies afloat MRI program requirements.
11. SHIPBOARD MEDICAL PROCEDURES MANUAL (COMNAVSURFORINST 6000.1 (Series)). Specifies shipboard medical procedures for afloat ships.
12. REDLINES IMPLEMENTING INSTRUCTIONS (COMNAVSURFPAC/COMNAVSURFLANTINST 3504.1 (Series)). Specifies guidance, policy, and a structured process to report minimum standards for getting underway and conducting operational tasking.
13. NAVY TRAFFIC SAFETY PROGRAM (OPNAVINST 5100.12 (Series)). Specifies traffic training requirements for afloat commands.
14. ENVIRONMENTAL READINESS PROGRAM MANUAL (OPNAV M-5090.1 (Series)). Specifies environmental training requirements for afloat commands.

**Equipment-Related Guidance (Maintenance)**

1. TRIALS AND MATERIAL INSPECTIONS OF SHIPS CONDUCTED BY THE BOARD OF INSPECTION AND SURVEY (OPNAVINST 4730.5 (Series)). Specifies policy for trials and material inspections (MI) of U.S. Naval vessels conducted by the Board of Inspection and Survey (INSURV).
2. WATERFRONT ENGINEERING AND TECHNICAL AUTHORITY (NAVSEAINST 5400.95 (Series)). Specifies engineering and technical authority policy for naval Shipyards, Supervisors of Shipbuilding (SUPSHIPS), Regional Maintenance Centers (RMCs) and other Fleet activities.
3. MAINTENANCE POLICY FOR UNITED STATES NAVY SHIPS (OPNAVINST 4700.7 (Series)). Specifies policy and responsibility for the maintenance of U.S. Navy Ships.
4. JOINT FLEET MAINTENANCE MANUAL (JFMM) (COMFLTFORCOMINST 4790.3 (Series)). Provides a standardized, basic set of minimum requirements to be used by all TYCOMs and subordinate commands. Provides clear, concise technical instructions to ensure maintenance is planned, executed, completed, and documented within all Fleet commands. Sets Regional Maintenance policies across all platforms. Provides process descriptions for use by schools such as Surface Warfare Officer School (SWOS), Senior Officer Ship Maintenance and Repair Course (SOSMRC), Engineering Duty (ED), Technical Training, etc.

5. SURFACE FORCE MAINTENANCE AND MATERIAL MANAGEMENT (3M) ASSESSMENT AND CERTIFICATION PROGRAM. (COMNAVSURFPAC/COMNAVSURFLANTINST 4790.1 (Series)). Specifies 3M program certification requirements.
6. TOTAL SHIPS READINESS ASSESSMENT (TSRA) VISIT PROGRAM. (COMNAVSURFPAC/ COMNAVSURFLANTINST 4700.1 (Series)). Specifies policy, procedures, expectations, and responsibilities for TSRA planning and execution.
7. TYCOM MATERIAL INSPECTION (TMI) PROCESS. (COMNAVSURFPACINST 4730.2 (Series)). Specifies Commander, Naval Surface Force, U.S. Pacific Fleet Material Inspection processes.
8. COMNAVSURFLANT MATERIAL STANDARDS ASSESSMENT PROGRAM. (COMNAVSURFLANTINST 4730.2 (Series)). Specifies Commander, Naval Surface Force Atlantic Material Inspection preparation processes.
9. AVIATION READINESS QUALIFICATION (ARQ), AVIATION FACILITY CERTIFICATION (AVCERT) AND AVIATION (AIR) CERTIFICATION OF COMNAVSURFOR SHIPS (COMNAVSURFORINST 3700.1 (Series)). Specifies ARQ, AVCERT, and AIR certification policies, procedures, and responsibilities.
10. ANTI-SUBMARINE WARFARE CERTIFICATION (COMNAVSURFPAC/ COMNAVSURFLANTINST 3361.2(Series)). Specifies ASWC material checks requirement for DDG, and CG Class Ships equipped with ASW systems.
11. BALLISTIC MISSILE DEFENSE CERTIFICATION (COMNAVSURFPAC/ COMNAVSURFLANTINST 8820.2 (Series)). Specifies BMD material check requirements and procedures for ships equipped with Aegis BMD Systems.
12. IMPLEMENTATION AND UTILIZATION OF THE COMBAT SYSTEM OPERATIONAL SEQUENCING SYSTEM (CSOSS) (COMNAVSURFORINST 4790.9 (Series)). Specifies CSOSS requirements and program responsibilities.
13. ZONE INSPECTIONS (COMNAVSURFORINST 3120.1 (Series)). Specifies Zone Inspection procedures and responsibilities.
14. COMBAT SYSTEMS, COMMAND, CONTROL, COMMUNICATIONS AND COMPUTER READINESS ASSESSMENT (C5RA) (COMNAVSURFPAC/COMNAVSURFLANTINST 9093.2 (Series)). Specifies TYCOM C5RA policies, procedures, and guidance.
15. IMPLEMENTATION OF THE ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEM (ECDIS-N) CERTIFICATION PROCESS (OPNAVINST 9420.2). Specifies ECDIS-N policy and certification requirements.



16. C5ISR MODERNIZATION POLICY (COMUSFLTFORCOM/COMPACFLTINST 4720.3 (Series)). Specifies policy for modernization of all Command, Control, Communications, Computer, Combat Systems, Intelligence, Surveillance and Reconnaissance (C5ISR) systems.

17. REDLINES IMPLEMENTING INSTRUCTIONS (COMNAVSURFPAC/COMNAVSURFLANTINST 3504.1 (Series)). Specifies guidance, policy, and a structured process to report minimum standards for getting underway and conducting operational tasking.

18. ENVIRONMENTAL READINESS PROGRAM MANUAL (OPNAV M-5090.1 (Series)). Specifies environmental training requirements for afloat commands.

**SUPPLY Related Guidance.**

1. SUPPLY MANAGEMENT CERTIFICATION (SMC) PROGRAM (COMNAVSURFPAC/COMNAVSURFLANTINST 5040.1 (Series)).

2. SURFACE FORCE SUPPLY PROCEDURES (COMNAVSURFPAC/COMNAVSURFLANTINST 4400.1 (Series)). Specifies surface ship supply policy and procedures.

3. SUPPLY GUIDANCE FOR BALLISTIC MISSILE DEFENSE HULL, MECHANICAL AND ELECTRICAL STOREROOM ITEMS, MAINTENANCE ASSISTANCE MODULE AND ONBOARD PACK UP KIT (COMNAVSURFPAC/COMNAVSURFLANTINST 4040.4 (Series)). Specifies policy for shipboard management of BMD storeroom repair parts, Maintenance Assistance Modules (MAMs), and Pack Up Kits (PUKs).

**TRAINING Related Guidance.**

**1. Overarching Training Guidance**

a. FLEET TRAINING MANAGEMENT AND PLANNING SYSTEM (FLTMPS). Integrates Manpower, Personnel, Training and Education data into a single reporting system. Provides a list of critical and non-critical schools.

b. FLEET TRAINING CONTINUUM INSTRUCTION (COMPACFLT/COMUSFLTFORCOMINST 3501.3 (Series)). Provides the framework for Fleet training to Navy Component Commanders (NCC), USFFC/CPF/C2F/C3F/C5F/C6F/C7F, Type Commanders (TYCOM), and subordinate Commander Staffs.

c. LITTORAL COMBAT SHIP (LCS) TRAINING MANUAL (COMNAVSURFORINST 3502.2 (Series)). Specifies LCS training requirements.

d. REDLINES IMPLEMENTING INSTRUCTIONS (COMNAVSURFPAC/COMNAVSURFLANTINST 3504.1 (Series)). Specifies guidance, policy, and a structured process to report minimum standards for getting underway and conducting operational tasking.

e. FLEET SYNTHETIC TRAINING PROGRAM (COMUSFLTFORCOM/COMPACFLTINST 3500.3 (Series)). Provides USFFC/CPF/C2F/C3F/C5F/ C6F/C7F, Force Commanders, Type Commanders (TYCOM), subordinate Commanders, and Systems Commands with policy and specific guidance for Fleet Synthetic Training (FST).

f. NAVY SAFETY AND OCCUPATIONAL HEALTH (SOH) PROGRAM MANUAL FOR FORCES AFLOAT (OPNAVINST 5100.19 (Series)). Specifies SOH training requirements for afloat commands.

g. SURFACE WARFARE ADVANCED TACTICAL TRAINING (SWATT) INSTRUCTION (NAVSURFMINEWARDEVCCENINST 3502). Provides units with basic guidelines for understanding and preparing for SWATT.

h. COMMANDER, NAVAL SURFACE GROUP WESTERN PACIFIC, FORWARD DEPLOYED NAVAL FORCES, JAPAN, READINESS PRODUCTION (COMPACFLTINST 3000.3 (Series)).

i. FLEET INTRODUCTION OF NEW CONSTRUCTION SHIPS (COMNAVSURFPAC/COMNAVSURFLANTINST 4700.3 (Series)). Provides detailed policy and responsibilities for a successful introduction of new construction non-nuclear surface ships.

j. CREW CERTIFICATION AND NAVIGATION ASSESSMENT REQUIREMENTS FOR SURFACE PRE-COMMISSIONING UNITS (COMNAVSURFPAC/COMNAVSURFLANTINST 3502.4 (Series)) Establishes procedures for ISIC and TYCOM assessment of readiness for sea in surface pre-commissioning units (PCUs) post-delivery.

k. COMNAVUSURFPAC/COMNASURFLANT/COMNAVIFOR Memorandum of Understanding (MOU) 12 September 2018.

l. CNSS5INST 3502.3C PATROL COASTAL SHIP TRAINING MANUAL

m. CNSS5INST 3502.4 MINE COUNTERMEASURE SHIP TRAINING MANUAL

## 2. **3M Guidance**

a. SURFACE FORCE MAINTENANCE AND MATERIAL MANAGEMENT (3M) ASSESSMENT AND CERTIFICATION PROGRAM. (COMNAVSURFPAC/COMNAVSURFLANTINST 4790.1 (Series)). Specifies 3M program certification requirements.

### 3. **AMPHIBIOUS WARFARE (AMW) Guidance**

- a. **WET WELL OPERATIONS MANUAL**  
(COMNAVSURFPAC/COMNAVSURFLANTINST 3340.3 (Series)). Specifies Wet Well operations requirements.
- b. **STANDARD OPERATING PROCEDURES FOR RAIDING CRAFT**  
(COMNAVSURFPAC/ COMNAVSURFLANTINST 3000.15 (Series)). Safe Engineering and Operating Procedures for Landing Craft Air Cushion (OPNAVINST 3120.42B). Standardizes and enhances Landing Craft, Air Cushion (LCAC) training, qualification, and operations, including casualty control procedures.
- c. **SAFE ENGINEERING AND OPERATING PROCEDURES FOR LANDING CRAFT AIR CUSHION** (OPNAVINST 3120.42 (Series)). Standardizes and enhances Landing Craft, Air Cushion (LCAC) training, qualification, and operations, including casualty control procedures.
- d. **EMPLOYMENT OF AMPHIBIOUS ASSAULT VEHICLES** (MCWP 3-13 (Series)). The publication provides information for consideration in the planning and employment of AAVs in combat operations and military operations other than war.
- e. **AMPHIBIOUS WARFARE EXERCISES** (FXP 5). Provides exercises that will support the training of units in each of their naval warfare Mission Areas and required operational capability/ projected operational environment (ROC/ POE) statements as outlined in OPNAVINSTC3501.2.
- f. **SAFE ENGINEERING AND OPERATIONS (SEAOPS) MANUAL FOR LANDING CRAFT, AIR CUSHION (LCAC) WELL DECK OPERATIONS** (S9LCA-AA-SSM-040). Contains information on craft systems, operating procedures, emergency and casualty control procedures, standards, training and administration, cargo handling, performance data, well deck ship operations, alternate missions, and mission planning required for safe and effective LCAC operations and training.
- g. **SHIP TO SHORE MOVEMENT** (NWP 3-02.1). Discusses the doctrine, command relationships, techniques, and procedures for planning and executing the ship-to-shore movement during the assault phase of amphibious operations.
- h. **NTTP 3-59.3 SURF MANUAL**

### 4. **ANTI-TERRORISM (AT) Guidance**

- a. **SMALL ARMS TRAINING AND QUALIFICATION** (COMNAVSURFPAC/ COMNAVSURFLANTINST 3591.1 (Series)). Specifies TYCOM policy and requirements for individual small arms and crew served weapons proficiency, qualifications, and sustainment training.

b. ANTI-TERRORISM (AT) PROGRAM (COMNAVSURFPAC/COMNAVSURFLANTINST 3300.1 (Series)). Specifies AT policy, procedures, and manning and NEC requirements.

c. LASER HAZARD SAFETY CONTROL PROGRAM (COMNAVSURFLANTINST 5100.27 (Series)). Outlines the Laser Safety Program and Admin Laser Safety Officer (ALSO) graduate requirements for CNSL commands.

d. CONTROLLED EQUIPMENT MANAGEMENT (COMNAVSURFLANTINST 4400.5 (Series)). Establishes standards for the receipt, inventory control, and disposal of materials identified as Controlled Equipage (CE) for CNSL commands.

## 5. AIR WARFARE (AW) Guidance

a. SHIPBOARD AIR CONTROLLER QUALIFICATIONS AND REQUIREMENTS (COMNAVAIRFOR/ COMNAVSURFORINST 1211.2 (Series)). Establishes the minimum training requirements for the designation, continuation of qualifications and proficiency of U.S. Navy shipboard air controllers.

b. NAVY INTEROPERABILITY REQUIREMENTS, CERTIFICATION AND TESTING OF NAVY TACTICAL C4ISR SYSTEMS IMPLEMENTING PROCEDURAL INTERFACE STANDARDS (OPNAV INSTRUCTION 9410.5 (Series)). To provide guidance to Echelon I-III commands related to maintaining interoperability, certification of and testing for naval Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) systems which implement procedural standards.

c. TACMEMO 3-51.1-15 ELECTROMAGNETIC SPECTRUM OPERATIONS AFLOAT. Identifies EMSO Cell organization and procedures, enables coordination of the inventory and reporting of all Spectrum Dependent Systems, electromagnetic Interference mitigation, EMSO planning, and training methodology.

## 6. AVIATION (MOB-A) Guidance

a. AVIATION READINESS QUALIFICATION (ARQ), AVIATION FACILITY CERTIFICATION (AVCERT) AND AVIATION (AIR) CERTIFICATION OF COMNAVSURFOR SHIPS (COMNAVSURFORINST 3700.1 (Series)). Specifies ARQ, AVCERT, and AIR certification policies, procedures, and responsibilities.

## 7. BALLISTIC MISSILE DEFENSE (BMD) Guidance

a. BALLISTIC MISSILE DEFENSE CERTIFICATION (COMNAVSURFPAC/ COMNAVSURFLANTINST 8820.2 (Series)). Specifies procedures for qualification of Naval Surface Forces ships equipped with Aegis Ballistic Missile Defense (BMD) Systems.

b. **INTEGRATED AND ADVANCED PHASE BALLISTIC MISSILE DEFENSE TRAINING REQUIREMENTS (BMDEX)** (COMTHIRDFLT msg 210200Z MAY 2010). Specifies the requirements, structure and guidance for execution of the BMD exercise program required for all BMD capable surface combatants.

## **8. COMMUNICATIONS (COMMS) Guidance**

a. **FLEET COMMUNICATIONS (NTP 4)**. Provides details of required information that must be included in naval messages, provides equipment check-off sheets and periodicity guidance.

b. **ALLIED COMMUNICATIONS PUBLICATION COMMUNICATION INSTRUCTIONS -(RADIOTELEPHONE PROCEDURES) (ACP 125)**. Provides a standardized way of passing speech and data traffic as securely as possible consistent with accuracy, speed, and the needs of command and control.

c. **C4I INFRASTRUCTURE (NTTP 6-02)**. Defines the command and control, battle management, sensor data dissemination, and situational awareness data requirements that ensures the ability to provide robust, reliable communication to all nodes, based on their varying information requirements and capabilities.

d. **NAVY-WIDE STANDING OPTASK COMMS**. Provides a template of required information fields for construction of individual theater OPTASKS.

e. **TACMEMO 3-51.1-15 ELECTROMAGNETIC SPECTRUM OPERATIONS AFLOAT**. Identifies EMSO Cell organization and procedures, enables coordination of the inventory and reporting of all Spectrum Dependent Systems, electromagnetic Interference mitigation, EMSO planning, and training methodology.

## **9. CRYPTOLOGY (CRY) Guidance**

a. **NAVY-WIDE STANDING OPTASK CRYPTOLOGY**. Provides guidance for U.S. Navy units conducting cryptologic operations in support of Naval, Joint, and combined operations.

b. **COMUSFLTFORCOM OPORD 2000-11 Appendix 1 to Annex B**. Provides background for consideration when planning cryptologic operations.

c. **SHIPS SIGNAL EXPLOITATION EQUIPMENT INCREMENT E (SSEE INC E) TACTICAL EMPLOYMENT GUIDE (NTTP 3-51.3.2)**. Contains information about SSEE Inc E capabilities and limitations, specific mission planning guidelines, and tactics and techniques for accomplishing the mission.

d. **PERSONNEL SECURITY PROGRAM (PSP) (SECNAVINST M-5510.30 (SERIES))**. Provides general information to support SCI Accreditation and Security Officer responsibilities.

e. INTELLIGENCE COMMUNITY DIRECTIVE (ICD) 704 – Personnel Security/  
Provides general information to support Security Officer responsibilities.

f. INTELLIGENCE COMMUNITY DIRECTIVE (ICD) 705 - Sensitive  
Compartmented Information Facilities. Provides general information to support SCI  
Accreditation.

g. TACMEMO 3-51.1-15 ELECTROMAGNETIC SPECTRUM OPERATIONS  
AFLOAT. Identifies EMSO Cell organization and procedures, enables coordination  
of the inventory and reporting of all Spectrum Dependent Systems, electromagnetic  
Interference mitigation, EMSO planning, and training methodology.

## **10. CYBERSPACE OPERATIONS (CYBER) Guidance**

a. DEPARTMENT OF THE NAVY INFORMATION SECURITY PROGRAM  
(SECNAVINST M5510.36 (Series))

b. INFORMATION ASSURANCE AND COMPUTER NETWORK DEFENSE VOLUME  
I - INCIDENT HANDLING PROGRAM (CJCS Manual 6510.01 (Series))

c. INFORMATION ASSURANCE (DOD Directive 8500.1 (Series))

d. DOD INFOCON SYSTEM (USSTRATCOM Strategic Directive 527-1 (Series))

e. NCF INFORMATION ASSURANCE HANDBOOK. Establishes Information  
Assurance (IA) techniques and procedures that use policies for people, processes, strategy, and  
technology for protecting Information Technology (IT) and information.

f. JOINT PUBLICATION (JP) 3-12 CYBERSPACE OPERATIONS

g. DON CYBER GLOSSARY: TERMS AND DEFINITIONS, December 11, 2017

h. COMNAVSURFORINST 5239.1 SURFACE FORCE CYBER SECURITY PROGRAM

i. COMNAVSURFORINST 3523.1 SURFACE FORCE CYBER DEPARTMENT  
ORGANIZATION AND REGULATIONS MANUAL

## **11. DAMAGE CONTROL (MOB-D) Guidance**

a. SURFACE SHIP SURVIVABILITY TRAINING REQUIREMENTS (OPNAVINST  
3541.1 (Series)). Specifies ship survivability training requirements.

b. STANDARD REPAIR PARTY MANUAL FOR NAVAL SURFACE FORCE  
(COMNAVSURFORINST 3541.1 (Series)). Provides standardized policy and guidance for  
shipboard damage control parties.

c. ENGINEERING DEPARTMENT ORGANIZATION AND REGULATIONS MANUAL (COMNAVSURFORINST 3540.3 (Series)). Specifies requirements for Engineering Department organization and operation.

## 12. ELECTRONIC WARFARE (EW) Guidance

a. NAVY-WIDE STANDING OPTASK ELECTRONIC WARFARE (EW). Provides the framework and guidance for Unit, Strike Group, and Amphibious Ready Group Commanders to perform EW.

b. NAVY-WIDE STANDING OPTASK INFORMATION OPERATIONS (IO). Provides the framework and guidance for Unit, Strike Group, and Amphibious Ready Group Commanders to perform IO.

c. UNITED STATES SIGNALS INTELLIGENCE DIRECTIVE (USSID) SG5302. Provides line by line formatting and content guidance for unit TACELINT reporting.

d. Applicable War Fighting Improvement Program (WFIP) messages. Available for download at <https://usff.portal.navy.mil/sites/surflant/n6/wfip>.

e. TACMEMO 3-51.1-15 ELECTROMAGNETIC SPECTRUM OPERATIONS AFLOAT. Identifies EMSO Cell organization and procedures, enables coordination of the inventory and reporting of all Spectrum Dependent Systems, electromagnetic Interference mitigation, EMSO planning, and training methodology.

## 13. ENGINEERING (MOB-E) Guidance

a. ENGINEERING DEPARTMENT ORGANIZATION AND REGULATIONS MANUAL (COMNAVSURFORINST 3540.3 (Series)). Specifies requirements for Engineering Department organization and operation.

## 14. INTELLIGENCE (INT) Guidance

a. JOINT AND NATIONAL INTELLIGENCE SUPPORT TO MILITARY OPERATIONS (JP 2-01). Provides doctrine for joint and national intelligence products, services, and support to joint military operations.

b. NAVAL INTELLIGENCE (NDP 2). Articulates naval doctrine and provide the foundation for the development of intelligence tactics, techniques, and procedures.

c. INTELLIGENCE SUPPORT TO OPERATIONS AFLOAT (NWP 2-01). Provides guidance for conducting intelligence operations in afloat ships to include collection, analysis, and dissemination principles.

- d. FLEET INTELLIGENCE COLLECTION MANUAL (FICM) ONI-1200-001-04. Governs Intelligence Information Report (IIR) reporting procedures.
- e. MARITIME OPERATIONS CENTER (MOC) (NTTP 3-32.1). Describes the Maritime Operations Center (MOC) philosophy and organization at the Operational Level of War.
- f. MARITIME INTELLIGENCE PREPARATION OF THE OPERATIONAL ENVIRONMENT (NTTP 2-0.2). Describes the process in which the adversary and other relevant aspects of the operational environment are analyzed to identify possible adversary courses of action and to support joint operation planning, execution, and assessment.
- g. NAVY SURFACE WARFARE MANUAL (NWP 3-20). Provides doctrine, philosophy, tactics, techniques, and procedures across the spectrum of Navy Surface Warfare.
- h. OPERATIONS SECURITY (OPSEC) (OPNAVINST 3432.1 (Series)). Specifies OPSEC policy, procedures, and responsibilities.
- i. OPERATIONS SECURITY (SECNAVINST 3070.2 (series)) Specifies OPSEC policy, procedures and responsibilities.

#### **15. MEDICAL (FSO-M) Guidance**

- a. MEDICAL READINESS INSPECTION PROGRAM (COMNAVSURFORINST 6000.2 (Series)). Specifies afloat MRI program requirements.
- b. SHIPBOARD MEDICAL PROCEDURES MANUAL (COMNAVSURFORINST 6000.1 (Series)). Specifies shipboard medical procedures requirements.
- c. HEALTH CARE PERFORMANCE ASSESSMENT AND IMPROVEMENT (PA&I) PROGRAM (COMNAVSURFORINST 6320.1 (Series)). Defines a comprehensive health care performance assessment and quality improvement program applicable to all SURFOR units.
- d. HEALTH SERVICES CREDENTIALS REVIEW/PRIVILEGING AND QUALITY ASSURANCE PROGRAMS (COMNAVSURFPAC/COMNAVSURFLANTINST 6320.2 (Series)). Promulgates the health services credentials review and privileging and quality assurance policy and procedures for health care professionals assigned to ships and units of CNSP/CNSL.
- e. INDIVIDUAL MEDICAL READINESS (IMR) (DoDI 6025.19). Implements policy, assigns responsibilities, and prescribes procedures to improve medical readiness through monitoring and reporting on IMR.
- f. TRAINING, CERTIFICATION, SUPERVISION PROGRAM, AND EMPLOYMENT OF INDEPENDENT DUTY CORPSMEN (IDC) IN CNSP AND CNSL (COMNAVSURFPAC/



COMNAVSURFLANTINST 6400.1 (Series)). Defines the surface force policy for training, certifying, supervising, and employment of IDC's.

g. DENTAL STANDARD OPERATING PROCEDURES FOR OPERATION UNITS (COMUSFLTFORCOMINST 6600.1 (Series)). Provides guidance for the administrative and clinical operations of shipboard dental facilities.

h. DENTAL READINESS INSTRUCTION (COMUSFLTFORCOMINST 6600.42 (Series)). Provides a checklist of Dental Department inspection items and related grading criteria.

#### **16. METEOROLOGY (METOC) Guidance**

a. U.S. NAVY MANUAL FOR SHIP'S SURFACE WEATHER OBSERVATIONS (COMNAVMETOCCOMINST 3144.1 (Series)). Specifies afloat requirements for observing, recording, and encoding surface marine weather observations.

b. MISSIONS, FUNCTIONS AND TASKS OF THE NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND (COMNAVMETOCCOMINST 5450.9 (Series)). Defines the mission and responsibilities of Naval Meteorology and Oceanography Command.

c. METEOROLOGY AND OCEANOGRAPHY (METOC) SERVICES (COMUSFLTFORCOM OPOD 2000-07, Annex H). Provides guidance for all METOC processes and procedures.

d. COMNAVMETOCCOMINST 3141.2 SURFACE WEATHER OBSERVATION PROCEDURES

e. NAVY METEOROLOGY AND OCEANOGRAPHY COMMAND OPOD

#### **17. MINE WARFARE (MIW) Guidance**

a. MAGNETIC AND ACOUSTIC SIGNATURE CONTROL FOR MINE WARFARE (OPNAVINST C8950.2 (Series))

#### **18. NAVIGATION (MOB-N) Guidance**

a. SURFACE SHIP NAVIGATION DEPARTMENT ORGANIZATION AND REGULATIONS MANUAL (NAVDORM) (COMNAVSURFPAC/COMNAVAIRPAC/COMNAVAIRLANT/COMNAVSURFLANTINST 3530.4 (Series)). Specifies TYCOM minimum navigation policies, procedures, and organizational standards.

b. NAVIGATION SYSTEMS CERTIFICATION (NAVCERT) (NAVSEAINST 9420.4 (Series)). Describes the navigation suites' material certification process, to include tripwires and

requirements for the Combat Systems (End-to-End Test) Navigation Certification and the ECDIS-N Verification Test.

c. NAVIGATION SEAMANSHIP SHIP HANDLING TRAINING (NSST)(COMNAVSURFOR INSTRUCTION 3505.1 (Series)). Specifies NSST facilities, Bridge Resource Management (BRM), Basic Shiphandling Training (BST), and Special Evolutions Training (SET) requirements.

d. U.S. NAVY MANUAL FOR SHIP'S SURFACE WEATHER OBSERVATIONS (COMNAVMETOCOM INSTRUCTION 3144.1 (Series)). Specifies ship requirements for observing, recording, and encoding surface marine weather observations.

e. COMUSFLTFORCOM OPORD 2000-11 Appendix 3 of the Annex H. Specifies LANT ship weather observation collection and submission requirements while underway.

f. PACFLT OPORD-201 Appendix 2 to Annex H. Specifies PAC ship weather observation collection and submission requirements while underway.

## **19. ORDNANCE HANDLING SAFETY/EXPLOSIVES SAFETY (EXPSAF) Guidance**

a. NAVAL PERSONNEL CONVENTIONAL AMMUNITION AND EXPLOSIVES HANDLING QUALIFICATION AND CERTIFICATION (QUAL/CERT) PROGRAM (OPNAVINST 8023.24 (Series)). Specifies policies and procedures for the management and administration of the Ammunition and Explosives Handling QUAL/CERT Program.

b. SHIPBOARD EXPLOSIVES SAFETY INSPECTION (SESI) PROGRAM (NOSSAINST 8023.12 (Series)). Publishes procedures and assigns responsibilities governing the implementation, execution and management of Shipboard Explosives Safety Inspection (SESI) Program

c. Applicable War Fighting Improvement Program (WFIP) messages. Download available at <https://usff.portal.navy.mil/sites/surflant/n6/wfip>.

d. AMMUNITION AND EXPLOSIVES SAFETY AFLOAT (NAVSEA OP4). Specifies requirements during handling, stowage, use and transfer of ammunition and explosives.

## **20. SEAMANSHIP (MOB-S) Guidance**

a. NAVIGATION SEAMANSHIP SHIP HANDLING TRAINING (NSST) (COMNAVSURFORINST 3505.1 (Series)). Specifies NSST facilities, Bridge Resource Management (BRM), Basic Shiphandling Training (BST), and Special Evolutions Training (SET) requirements.

b. UNDERWAY REPLENISHMENT (NWP 4-01.4). Standardizes procedures, furnishes rig make-up guidance, and provides continuity in application and use.

c. **FLEET UNDERWAY REPLENISHMENT GUIDE** (COMNAVSURFPAC/COMNAVSURFLANTINST 3180.2 (Series)). Provides Replenishment At Sea (RAS) rig alignment and location for all classes of surface ship.

## **21. SEARCH AND RESCUE (SAR) Guidance**

a. **SURFACE FLEET SEARCH AND RESCUE (SAR) PROGRAM** (COMNAVSURFORINST 3130.2A). Specifies SAR policies, procedures, training and evaluation criteria.

b. **SAR STANDARDIZATION PROGRAM** (OPNAVINST 3130.6 (Series)). To implement standardization in naval search and rescue (SAR) policies, procedures, training and evaluation programs.

c. **SEARCH AND RESCUE MANUAL** (NTTP 3-50.1). Provides guidance to units assigned SAR responsibilities. It is intended to promote and maintain standardization of SAR procedures, equipment, and techniques within the U.S. naval forces.

## **22. STRIKE WARFARE (STW) Guidance**

a. **CRUISE MISSILE QUALIFICATION/CERTIFICATION PROGRAM** (COMNAVSURFORINST 8820 (Series)). Specifies procedures for certification and tactical qualification for ships equipped with Tomahawk and Harpoon systems.

## **23. SURFACE WARFARE (SUW) Guidance**

a. **NAVY SURFACE WARFARE MANUAL** (NWP 3-20). Provides doctrine, philosophy, tactics, techniques, and procedures across the spectrum of Navy Surface Warfare.

## **24. SUPPLY (SUP) Guidance**

a. **SUPPLY MANAGEMENT CERTIFICATION (SMC) PROGRAM** (COMNAVSURFORINST 5040.1 (Series)). Specifies SMC policies and procedures.

b. **SURFACE FORCE SUPPLY PROCEDURES** (COMNAVSURFORINST 4400.1 (Series)). Specifies supply policy and procedures for surface ships.

b. **CONTROLLED EQUIPAGE MANAGEMENT** (COMNAVSURFPAC/COMNAVSURFLANTINST 4423.1 (Series)). Establishes standards for the receipt, inventory control, and disposal of materials identified as Controlled Equipage (CE) for CNSL commands.

## 25. UNDERSEA WARFARE (USW) Guidance

- a. ANTI-SUBMARINE WARFARE CERTIFICATION (COMNAVSURFPAC/COMNAVSURFLANTINST 3361.2(Series)). Specifies ASWC material checks requirement for DDG, and CG Class Ships equipped with ASW systems.
- b. Applicable War Fighting Improvement Program (WFIP) messages. Available for download at <https://usff.portal.navy.mil/sites/surflant/n6/wfip>.
- c. SHIPBOARD AIR CONTROLLER QUALIFICATION AND REQUIREMENTS (COMNAVAIRFOR/COMNAVSURFORINST 1211.2 (Series)). Specifies the minimum training requirements for the designation, continuation of qualifications, and proficiency of U.S. Navy shipboard air controllers.
- d. SURFACE SHIP SILENCING (COMNAVSURFPAC/COMNAVSURFLANTINST C9073 (Series)).

## 26. VISIT, BOARD, SEARCH, AND SEIZURE (VBSS) Guidance

- a. SMALL ARMS TRAINING AND QUALIFICATION (COMNAVSURFPAC/COMNAVSURFLANTINST 3591.1 (Series)). Specifies TYCOM policy and requirements for individual small arms and crew served weapons proficiency, qualifications, and sustainment training.
- b. VISIT, BOARD, SEARCH, AND SEIZURE OPERATIONS (NTTP 3-07.11M (Series)). Provides tactics, techniques, and procedures to conduct unilateral or joint MIO and VBSS operations including U.S. military involvement in multinational operations in the conduct of compliant or noncompliant boarding's. This edition also covers the support that a Navy commanding officer will need to provide for opposed boarding's conducted by ARG/MEU MRF, USCG MSRT, or special operation forces.
- c. VISIT, BOARD, SEARCH, AND SEIZURE CONCEPT OF EMPLOYMENT (USFFC/CPF). Applicable USFFC/CPF VBSS training requirements messages.

## Appendix G

### *ACRONYMS*

3M	Maintenance and Material Management
AAS	Aviation Assault Ship
ACS	Air Capable Ship
ADCON	Administrative Control
ADFC	Afloat Direction Finding Control
AE	Advanced Exercise
AEL	Allowance Equipage List
ALSO	Admin Laser Safety Officer
ALT AMD	Alternate Air and Missile Defense
AMPS	Automated Military Postal System
AMW	Amphibious Warfare
APC	Aqueous Potassium Carbonate
ARG	Amphibious Ready Group
ARQ	Aviation Readiness Qualification
ASA	Afloat Self-Assessment
ASMD	Anti-Ship Missile Defense
ASTAC	Anti-Submarine Tactical Air Controller
ASW	Anti-Submarine Warfare
ASWC	Anti-Submarine Warfare Certification
AT	Anti-Terrorism
ATGLANT	Afloat Training Group Atlantic
ATGPAC	Afloat Training Group Pacific
ATGP/L	Afloat Training Group Pacific/Atlantic
ATT	Aviation Training Team
ATTT	Anti-Terrorism Training Team
AVCERT	Aviation Certification
AWP	Availability Work Package
AWT	Advanced Warfare Training
BA	Billets Authorized
BFTT	Battle Force Team Trainer
BMD	Ballistic Missile Defense
BMDC	Ballistic Missile Defense Certification
BMDEX	Ballistic Missile Defense Exercise
BMDQ	Ballistic Missile Defense Qualification
BRM	Bridge Resource Management
BST	Basic Shiphandling Training
C2F	Commander, U.S. Second Fleet
C3F	Commander, U.S. Third Fleet
C5F	Commander, U.S. Fifth Fleet

C5I	Combat Systems, Command, Control, Communication, Computers and Information Systems
C5ISR	Combat Systems, Command, Control, Communications, Computers, Information, Surveillance & Reconnaissance
C5RA	Combat Systems, Command, Control, Communications, and Computers Readiness Assessment
C6F	Commander, U.S. Sixth Fleet
C7F	Commander, U.S. Seventh Fleet
CASREP	Casualty Report
CBR-D	Chemical, Biological, Radiological - Defense
CE	Certification Exercise
CEC	Cooperative Engagement Control
CERTEX	Certification Exercise
CIC	Combat Information Center
CIWS	Close-In Weapons System
CMAV	Continuous Maintenance Availability
CMP	Continuous Monitoring Program
CMTQ	Cruise Missile Tactical Qualification
CNEC	Critical Navy Enlisted Classification
CNO	Commander, Naval Operations
CNSF	Commander, Naval Surface Forces
CNSGWP	Commander, Naval Surface Group, Western Pacific
CNSL	Commander, Naval Surface Force, U.S. Atlantic Fleet
CNSP	Commander, Naval Surface Force, U.S. Pacific Fleet
COC	Control Officer Console
COI	Course of Instruction
COMMS	Communications
COMPTUEX	Composite Training Unit Exercise
COSAL	Coordinated Shipboard Allowance List
CPF	Commander, Pacific Fleet
CRAV	Command Readiness Assessment Visit
CREWCERT	Crew Certification
CRUDES	Cruisers/Destroyers
CSCS	Center for Surface Combat Systems
CSG 15/4	Commander, Carrier Strike Group 15/4
CSG	Carrier Strike Group
CSMP	Current Ship's Maintenance Plan
CSOSS	Combat Systems Operational Sequencing System
CSTT	Combat Systems Training Team
CSWF	Cyber Security Workforce
C-UAS	Counter Unmanned Aerial Systems
CV	Certification Validation
CYBER	Cyber Mission Area

DCMA	Damage Control Material Assessment
DCTT	Damage Control Training Team
DLQ	Deck Landing Qualification
DLR	Depot Level Repairable
DOD	Department of Defense
DRRS-N	Defense Readiness Reporting System-Navy
EA	Engineering Assessments
EAA/P	Engineering Assessments Atlantic/Pacific
ECDIS-N	Electronic Chart Display and Information System-Navy
EEBD	Emergency Escape Breathing Device
EMAC	Early Mission Area Certification
EMATT	Expendable Mobile ASW Training Target (MK 39)
EMCON	Emission Control
EOSS	Engineering Operational Sequencing System
EOMR	End of Mission Report
ESSOLANT/PAC	Explosives Safety Support Office Atlantic/Pacific
ESTAV	Explosive Safety Technical Assist Visit
ESTAT	Execution Status Air Tasking
ETS	Embedded Training System
ETT	Engineering Training Team
EW	Electronic Warfare
EWTGL/P	Expeditionary Warfare Training Group Atlantic/Pacific
EXPSAF	Explosive Safety
FCC	Fleet Cyber Command
FCT	Final Contract Trials
FDNF	Forward Deployed Naval Forces
FEG	Field Examination Group
FIREX	Fire Exercise
FLTMP	Fleet Training Management and Planning System
FOM	Figure of Merit
FOST	Flag Officer Sea Training
FPEX	Force Protection Exercise
FQA	Final Qualification Authority
FRTP	Fleet Response Training Plan
FSM	Food Service Management
FSO-M	Fleet Support Operations - Medical
FST	Fleet Synthetic Training
FST-GC	Fleet Synthetic Training - Group Commander
FST-F	Fleet Synthetic Training - Fleet
FST-J	Fleet Synthetic Training - Joint
FTA	Focused Training Availability
FTC	Fleet Training Continuum
FTT	Focused Team Training

GCCS-M	Global Command and Control System - Maritime
GCO	Gun Console Operator
GDSC	Global Distance Support Center
GLO	Gunnery Liaison Officer
GQ	General Quarters
HICSWIN	Hazardous Information Control System Windows
HM&E	Hull, Mechanical and Electrical
IA	Information Assurance
ICAV	Inspection, Certification, Assessment or Visit
IDS	Intrusion Detection Systems
IET	Inport Emergency Team
IH	Industrial Hygiene
ILO	Integrated Logistics Overhaul
ILS	Integrated Logistics Support
INFOCON	Information Control
INSURV	Board of Inspection and Survey
INT	Intelligence
IO	Information Operations
ISIC	Immediate Superior in Command
ITT	Integrated Training Team
IWTG	Information Warfare Training Group
JFMM	Joint Fleet Maintenance Manual
JQR	Job Qualification Requirement
JTFEX	Joint Task Force Exercise
JTT	Joint Tactical Terminal
KMI	Key Management Infrastructure
KTR	Contractor
LCAC	Landing Craft Air Cushioned
LCS	Littoral Combat Ship
LOA	Light Off Assessment
LOK	Level of Knowledge
LTT	Limited Team Training
MAM	Maintenance Assist Module
MCAF	Manning Control Authority Fleet
MCI	Mid-Cycle Inspection
MDU	Mission Data Update
MEDALEX	Mine Warfare Environmental Decision Aid Library Exercise
METOC	Meteorology and Oceanography
MEU	Marine Expeditionary Unit
MFOM	Maintenance Figure of Merit
MHE	Material Handling Equipment
MI	Material Inspection
MIDPAC	Middle Pacific



MITE	Monthly Inport Training Exercise
MIW	Mine Warfare
MOB-A	Mobility - Aviation
MOB-D	Mobility - Damage Control
MOB-E	Mobility – Engineering
MOB-N	Mobility – Navigation
MOB-S	Mobility - Seamanship
MRC	Maintenance Requirement Card
MRGHA	Main Reduction Gear Health Assessment
MTJ	Multicast Tactical Data Information Link (J series message)
MTT	Medical Training Team
MTT	Mobile Training Team
MWR	Morale, Welfare, and Recreation
NAVIFOR	Naval Information Forces
NAVOSH	Navy Occupational Safety and Health
NBG	Naval Beach Group
NCF	Navy Cyber Forces
NCTE	Navy Continuous Training Environment
NDP	Naval Doctrine Publication
NEC	Navy Enlisted Classification
NETC	Naval Education and Training Command
NFC	Numbered Fleet Commander
NFCS	Naval Fire Control System
NLT	No Later Than
NMET	Navy Mission Essential Task
NMETL	Navy Mission Essential Task List
NOSSA	Naval Ordnance Safety and Security Activity
NPC	Navy Personnel Command
NSFS	Naval Surface Fire Support
NSSMS	North Atlantic Treaty Organization (NATO) Seasparrow Surface Missile System
NSST	Navigation Seamanship ship Handling Training
NSTM	Naval Ships' Technical Manual
NTA	Navy Tactical Task
NTCSS	Naval Tactical Command Support System
NTDC	Non-Tactical Data Collection
NTRP	Navy Tactical Reference Publication
NTSP	Navy Training System Plan
NTTP	Navy Tactics, Techniques, and Procedures
NUWTAC	Navy Undersea Warfare Training and Assessment Course
NWTP	Navy Warfare Training Plan
OBT	Onboard Trainers
OFRP	Optimized Fleet Response Plan
OHE	Ordnance Handling Equipment

OPFOR	Opposition Forces
OPORD	Operational Orders
OPSEC	Operations Security
OPTEMPO	Operational Tempo
OWLD	Obligation Work Limiting Date
PARR	Performance and Readiness Review
PB4T	Planning Board for Training
PBED	Plan, Brief, Execute, and De-brief
PCD	Production Completion Date
PESTO	Personnel, Equipment, Supply, Training, Ordnance
PG	Prospective Gain
PHIBRON	Amphibious Squadron
PIA	Pre-INSURV Assessment
PMINT	Amphibious Squadron (PHIBRON) – Marine Expeditionary Unit (MEU) Integration Training
PMR	Phased Maintenance Review
POA&M	Plan of Action and Milestones
PQS	Personnel Qualification Standards
PTV	Pre-Training Visit
QA	Quality Assurance
R-ADM	Relational Administrative Data Management
RAM	Rolling Airframe Missile
RAS	Replenishment At Sea
RE	Repetitive Exercise
READ-E	Readiness Evaluation
RMC	Regional Maintenance Center
RO	Restricted Operations
ROM	Retail Operations Management
RPL	Repair Locker
SAGC	Surface Action Group Commander
SAGT	Self-Assessment and Groom Training
SAR	Search and Rescue
SAUC	Search and Attack Unit Commander
SBTT	Shipboard Team Training
SCI	Sensitive Compartmented Information
SESI	Shipboard Explosives Safety Inspection
SET	Special Evolutions Training
SFTRM	Surface Force Training and Readiness Manual
SMC	Supply Management Certification
SM/DCA	Surface Missile/Defensive Counter Air
SMWDC	Naval Surface and Mine Warfighting Development Center
SOE	Schedule of Events
SOH	Safety and Occupational Health

SORM	Standard Organization and Regulations Manual
SOSMRC	Senior Officer Ship Maintenance and Repair Course
SRA	Selected Restricted Availability
SSC	Space and Naval Warfare Systems Command (SPAWAR) Support Center
STJ	Satellite Tactical Data Information Link (J series message)
STT	Seamanship Training Team
STW	Strike Warfare
SUP	Supply
SUPSHIP	Supervisors of Shipbuilding
SUW	Surface Warfare
SWATT	Surface Warfare Advanced Tactical Training
SWOS	Surface Warfare Officer's School
TADTAR	Temporary Additional Duty Travel Target
TBD	To Be Determined
TCD	Training Control Device
TDL	Tactical Data Link
TORIS	Training and Operational Readiness Information Services
TOV	Tactical Data Link Operational Verification
TSRA	Total Ship Readiness Assessment
TTGP/L	Tactical Training Group Pacific/Atlantic
TYCOM	Type Commander
ULT	Unit Level Training
UNREP	Underway Replenishment
USFFC	USFF Commander
USSID	United States Signals Intelligence Directive
USW	Undersea Warfare
UTJ	Unicast Tactical Data Information Link (J series message)
UWDC	Undersea Warfare Development Center
VBSS	Visit, Board, Search, and Seizure
VBSSTT	Visit, Board, Search, and Seizure Training Team
WCC	Warfare Commanders Course
WESTPAC	Western Pacific
WFIP	War Fighting Improvement Program
WTRP	Watch Team Replacement Plan