# 302 MESSENGER OF THE WATCH (MOOW)

NAME_____ RATE/RANK_____

This page is to be used as a record of satisfactory completion of designated sections of the Personnel Qualification Standard (PQS). Only specified supervisors may signify completion of applicable sections either by written or oral examination, or by observation of performance. The examination or checkout need not cover every item; however, a sufficient number should be covered to demonstrate the examinee's knowledge. Should supervisors *give away* their signatures, unnecessary difficulties can be expected in future routine operations.

A copy of this completed page shall be kept in the individual's training jacket.

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The trainee has completed all PQS requirements for this watchstation. Recommend designation as a qualified MESSENGER OF THE WATCH (MOOW) (NAVEDTRA 43397-E).

RECOMMENDED_____ DATE_____
Supervisor

RECOMMENDED_____ DATE_____
Division Officer

RECOMMENDED_____ DATE_____
Department Head

QUALIFIED_____ DATE_____
Commanding Officer or Designated Representative

SERVICE RECORD ENTRY_____ DATE_____

USS FRANK CABLE (AS 40) Errata Sheet for NAVEDTRA 43397-D: 305

Deck Watches In-Port

MESSENGER OF THE WATCH

1. FINAL QUALIFICATION REQUIREMENTS (TAILORING). All line items are to be completed to become final qualified, except for the following modifications/deletions:

   a. Delete the following line items due to non-applicability:
      1. 305.2 Tasks: 305.2.4
      2. 305.3 Infrequent Tasks: 305.3.2
   b. Change the following line items:
      1. N/A
   c. Insert the following line items:
      1. N/A
   d. Delete the following prerequisites:
      1. N/A
   e. Insert the following prerequisites:
      1. N/A

2. RE-QUALIFICATION REQUIREMENTS. The following line items are to be completed by personnel previously qualified on this watch station:

   a. Complete the following line items:
      1. 305.6 Watches: 305.6.1 0400-0800, 0800-1200, 1200-1600
      2. 305.7 Examinations: 305.7.1 and 305.7.2
   b. Complete the following additional requirements:
      1. Page 4 verification of previous qualification
         (Division Officer)_____ Date:_____

3. QUALIFICATION TIME LIMITS.

   a. Initial final qualification (weeks): 6
   b. Re-qualification (weeks): 3

4. EXAMINATION REQUIREMENTS.

   a. Oral Yes Examiner/Board Member(s): E-6 or above Qualified OOD
   b. Written: Yes Administered by: LOK Exam Bank
   c. Performance: No Observer: N/A

5. FINAL QUALIFICATION AUTHORITY: Enlisted Watch Bill Coordinator

6. RECOMMENDED: _____ / 14 APR 10
   (Program Manager) / Date

7. APPROVED: _____ / 4/14/10
   Commanding Officer / Date

# 302 MESSENGER OF THE WATCH (MOOW)

Estimated completion time: 6 weeks

302.1 PREREQUISITES

**FOR OPTIMUM TRAINING EFFECTIVENESS, THE FOLLOWING PQS ITEMS SHOULD BE COMPLETED PRIOR TO STARTING YOUR ASSIGNED TASKS BUT MUST BE COMPLETED PRIOR TO FINAL WATCHSTATION QUALIFICATION.**

302.1.1 SCHOOLS:

Security Force Sentry (A-830-2216) (RECOMMENDED)

Completed _____
(Qualifier and Date)

.2 PQS QUALIFICATIONS:

Anti Terrorism Common Core (NAVEDTRA 43387-2E), 301 Sentry (RECOMMENDED)

Completed _____
(Qualifier and Date)

.3 FUNDAMENTALS FROM THIS PQS:

101 Safety Precautions

Completed _____ 2% of Watchstation
(Qualifier and Date)

102 Watchstanding (Basic)

Completed _____ 2% of Watchstation
(Qualifier and Date)

104 Communication

Completed _____ 2% of Watchstation
(Qualifier and Date)

## 302 MESSENGER OF THE WATCH (MOOW) (CONT'D)

302.1.3 FUNDAMENTALS FROM THIS PQS (CONT'D):

106 Security

Completed _____ 2% of Watchstation
(Qualifier and Date)

107 Honors and Ceremonies (Basic)

Completed _____ 2% of Watchstation
(Qualifier and Date)

109 Seamanship (Basic)

Completed _____ 2% of Watchstation
(Qualifier and Date)

114 Environmental Protection

Completed _____ 2% of Watchstation
(Qualifier and Date)

302.1.4 SYSTEMS FROM THIS PQS:

201 Alarms

Completed _____ 2% of Watchstation
(Qualifier and Date)

202 Communication Equipment

Completed _____ 2% of Watchstation
(Qualifier and Date)

203 Navigation Lights

Completed _____ 2% of Watchstation
(Qualifier and Date)

## 302 MESSENGER OF THE WATCH (MOOW) (CONT'D)

302.2 TASKS

For the tasks listed below:

A. What are the steps of this procedure?
B. What are the reasons for each step?
C. What control/coordination is required?
D. Satisfactorily perform this task.

| | | Questions |
|---|---|---|
| 302.2.1 | Read all applicable instructions prior to assuming watch | A B D |
| | _____ (Signature and Date) | |
| .2 | Assume the watch | A B D |
| | _____ (Signature and Date) | |
| .3 | Answer quarterdeck telephones | A B D |
| | _____ (Signature and Date) | |
| .4 | Make 12 o'clock reports (2 times) | A B C D |
| | _____ (Signature and Date) | |
| | _____ (Signature and Date) | |
| .5 | Observe sunrise | A B C D |
| | _____ (Signature and Date) | |
| .6 | Observe sunset | A B C D |
| | _____ (Signature and Date) | |

## 302 MESSENGER OF THE WATCH (MOOW) (CONT'D)

| | | Questions A B C D |
|---|---|---|
| 302.2.7 | Execute morning colors | |
| | _____ (Signature and Date) | |
| .8 | Execute evening colors | A B C D |
| | _____ (Signature and Date) | |
| .9 | Assist with the control of liberty parties leaving/returning to ship | A B C D |
| | _____ (Signature and Date) | |
| .10 | Execute calls in the Wake-Up Log | A B D |
| | _____ (Signature and Date) | |
| .11 | Maintain quarterdeck cleanliness | A B D |
| | _____ (Signature and Date) | |
| .12 | Check ships boats moored to pier/boat boom | A B D |
| | _____ (Signature and Date) | |

COMPLETED .2 AREA COMPRISES 26% OF WATCHSTATION.

## 302 MESSENGER OF THE WATCH (MOOW) (CONT'D)

302.3 INFREQUENT TASKS

For the infrequent tasks listed below:

A. What are the steps of this procedure?
B. What are the reasons for each step?
C. What control/coordination is required?
D. What conditions require this infrequent task?
E. Satisfactorily perform or simulate this infrequent task.

| | | Questions A B C D E |
|---|---|---|
| 302.3.1 | Man sound-powered telephone | |
| | _____ (Signature and Date) | |
| .2 | Man IVCS emergency net | A B C D E |
| | _____ (Signature and Date) | |
| .3 | Operate quarterdeck alarms | A B C D E |
| | _____ (Signature and Date) | |
| .4 | Use ship's announcing system (1MC) as directed | A B C D E |
| | _____ (Signature and Date) | |
| .5 | Raise/lower pennants/flags as directed by OOD/POOW | A B C D E |
| | _____ (Signature and Date) | |

COMPLETED .3 AREA COMPRISES 15% OF WATCHSTATION.

302.4 ABNORMAL CONDITIONS – None to be discussed.

## 302 MESSENGER OF THE WATCH (MOOW) (CONT'D)

302.5 EMERGENCIES

For the emergency conditions listed below:

A. What indications and alarms are received?
B. What immediate action is required?
C. How does this condition affect other operations/equipment/watchstations?
D. Satisfactorily perform or simulate the corrective/immediate action for this emergency condition.

| | | Questions A B C D |
|---|---|---|
| 302.5.1 | Fire | |
| | _____ (Signature and Date) | |
| .2 | Flooding | A B C D |
| | _____ (Signature and Date) | |
| .3 | Collision | A B C D |
| | _____ (Signature and Date) | |
| .4 | Quarterdeck under duress | A B C D |
| | _____ (Signature and Date) | |
| .5 | Sabotage | A B C D |
| | _____ (Signature and Date) | |
| .6 | Oil spill | A B C D |
| | _____ (Signature and Date) | |
| .7 | Man Over Board | A B C D |
| | _____ (Signature and Date) | |

COMPLETED .4 AREA COMPRISES 24% OF WATCHSTATION.

## 302 MESSENGER OF THE WATCH (MOOW) (CONT'D)

302.6 WATCHES

302.6.1 STAND THE FOLLOWING WATCHES UNDER QUALIFIED SUPERVISION:

MOOW (6 times)

_____
(Signature and Date)

_____
(Signature and Date)

_____
(Signature and Date)

_____
(Signature and Date)

_____
(Signature and Date)

_____
(Signature and Date)

COMPLETED .6 AREA COMPRISES 15% OF WATCHSTATION.

302.7 EXAMINATIONS (OPTIONAL EXCEPT AS REQUIRED BY TYCOM/ISIC, ETC.)

302.7.1 EXAMINATIONS Pass a written examination

_____
(Signature and Date)

.2 EXAMINATIONS Pass an oral examination board

_____
(Signature and Date)

# 101 SAFETY PRECAUTIONS FUNDAMENTALS

References:

[a] OPNAVINST 5100.19 (Series), Navy Safety and Occupational Health (SOH) Program Manual for Forces Afloat
[b] OPNAVINST 5090.1 (Series), Environmental Readiness Program Manual
[c] OPNAVINST 3500.39 (Series), Operational Risk Management

101.1 Discuss the concept of ORM. [ref. c]

_____
(Signature and Date)

Answer:

A process that assists organizations and individuals in making informed risk decisions in order to reduce or offset risk; thereby increasing operational effectiveness and the probability of mission success. It is a systematic, cyclical process of identifying hazards and assessing and controlling the associated risks during execution of input deck watches. The process is applicable across the spectrum of operations and tasks, both on and off-duty.

.2 What are the three levels of ORM? [ref. c. Encl (1)]

_____
(Signature and Date)

Answer:

**In-Depth ORM** – A formal application of all five steps but with a very thorough hazard identification and risk assessment through research, testing, simulation, statistics, etc. An example of this level of ORM is the installation of alarms and communications systems that are installed on the quarterdeck for use by watchstanding personnel.
**Deliberate ORM** – A formal application of the complete five-step process where hazards/threats, risks, risk control actions and supervision are documented. An examples of this level of ORM are SOP's and standing orders that have been developed to guide watchstanders.
**Time Critical ORM** (also known as Time Critical Risk Management (TCRM)) – An application of the principles and functional processes during execution where time precludes a formal approach. An example of this level of ORM includes the watchstanders' recognition that things may change during the execution of their watch (e.g. weather, fatigue, unauthorized space entry); and how the watchstanders address these changes using the TCRM model.

## 101 SAFETY PRECAUTIONS FUNDAMENTALS (CONT'D)

101.3 What are the four principles of ORM? [ref. c. Encl (1)]

_____

(Signature and Date)

Answer:

"**Anticipate and manage risk by planning**" – Risks are more easily controlled when identified early in planning. We plan for all watches by establishing and maintaining a complete and accurate watchbill and by training watchstanders.
"**Make risk decisions at the right level**" – Risk management decisions should be made by the leader directly responsible for the operation. "If controls available do NOT reduce risk to an acceptable level, they must elevate decisions to the next level in the chain of command." All watchstanders must be able to communicate with the chain of command when things change from the planned watch or from established procedures.
"**Accept risk when benefits outweigh the costs**" – The goal is not to eliminate risk, which is inherent in what we do but to manage it so that we can accomplish the mission with minimal losses. SOPs and standing orders do not address every situation that may occur while on watch. Therefore the watchstander constantly balances benefits and costs of their actions before notification of their chain of command.
"**Accept no unnecessary risks**" – Only accept those risks that are necessary to accomplish the mission. For the watchstander, unnecessary risks are usually those that are not identified because of inadequate planning for the watch.

## 101 SAFETY PRECAUTIONS FUNDAMENTALS (CONT'D)

101.4 Explain the following steps of the ORM process: [ref. c. Encl (1)]

a. Identifying hazards
b. Assessing hazards
c. Making risk decisions
d. Implementing controls
e. Supervising

_____
(Signature and Date)

Answer:

We develop SOP's for all inport deck watches. When reviewing or developing these plans we use the 5 step process to lead us to the correct implementation of resources to mitigate any risks that may be encountered during execution of the watch:

**Identify the Hazards (Step 1).** A hazard is any condition with the potential to negatively impact mission accomplishment or cause injury, death, or property damage. Hazard identification is the foundation of the entire RM process. If a hazard is not identified, it cannot be controlled.
**Assess the Hazards (Step 2).** For each hazard identified, determine the associated degree of risk in terms of probability and severity. The result of the risk assessment is a prioritized list of hazards, which ensures that controls are first identified for the most serious threat to mission or task accomplishment.
**Make Risk Decisions (Step 3).** There are three basic actions which ultimately lead to making informed risk decisions: identifying control options; determining the effect of these controls on the hazard or risk; and, ultimately deciding how to proceed.
**Implement Controls (Step 4).** Once the risk control decisions are made, the next step is implementation. This requires that the plan is clearly communicated to all the involved personnel, accountability is established, and necessary support is provided. Careful documentation of each step in the RM process facilitates risk communication and the rational processes behind the RM decisions.
**Supervise (Step 5).** Supervise and review involves determining the effectiveness of risk controls throughout the mission or task. This involves three actions: monitoring the effectiveness of risk controls; determining the need for further assessment of all or a portion of the mission or task due to an unanticipated change; and capturing lessons learned, both positive and negative.

## 101 SAFETY PRECAUTIONS FUNDAMENTALS (CONT'D)

101.5 Name the four steps of the Time Critical Risk Management (TCRM) mnemonic and discuss how they relate to execution of inport deck watches. [ref. c. Encl (2)]

_____
(Signature and Date)

Answer:

**ABCD is the mnemonic.**

Assess the situation – Are things going as planned? Where are the potential for errors? Are there any new hazards or risks that need to be addressed?
Balance your resources – What resources do you have available to manage your watch? Are there additional hazards or threats and what resources are available to address them? What is available to reduce the probability, severity, or both?
Communicate – Routine actions as required and all changes to the planned watch. This includes intentions, changes or when hazards/threats cannot be controlled.
*Do (& Debrief)* - Enact controls and continue to monitor for changes and new hazards and threats. Continue the ABC*D* mnemonic as a loop until watch is complete.

.6 State the procedures for internal reporting and correction of unsafe or unhealthful work practices or conditions. [ref. a, ch. A3]

_____
(Signature and Date)

.7 State the importance of good housekeeping practices aboard ship. [ref. a, ch. C1]

_____
(Signature and Date)

.8 State the importance of bolted deck plates, gratings, and handrails. [ref. a, ch. C13]

_____
(Signature and Date)

.9 Explain the response and reporting procedures for an on-board spill of hazardous material. [ref. a, ch. B3]

_____
(Signature and Date)

## 101 SAFETY PRECAUTIONS FUNDAMENTALS (CONT'D)

101.10 State the procedures required in the event of an overboard spill of hazardous material. [ref. b, ch. 22-9]

_____
(Signature and Date)

.11 Explain the in-port oily waste discharge limitations as they apply to shipboard personnel. [ref. b, ch. 22-5]

_____
(Signature and Date)

.12 State the protection provided by the following safety equipment, including examples of ship evolutions that require their use: [ref. a]

a. Hard hat [ch. B12]
b. Goggles/face shield [ch. B5]
c. Rubber/working gloves [ch. B12]
d. Safety shoes [ch. B12]
e. Respirator [ch. B6]
f. Hearing protection [chs. B4]
g. Safety harness/dyna brake [ch. B12]
h. Life jackets [ch. B12]
i. Apron [ch. B12]

_____
(Signature and Date)

.13 State the safety precautions to be followed prior to and when entering a void or poorly ventilated space. [ref. a, chs. B6, B8]

_____
(Signature and Date)

## 101 SAFETY PRECAUTIONS FUNDAMENTALS (CONT'D)

101.14 State the safety precautions to be observed and/or personnel safety equipment/devices required in the following in-port situations: [ref. a]

a. Replenishment/refueling evolutions [chs. C3, C10]
b. Working aloft [ch. C8]
c. Heavy weather [ch. C16]
d. Working with paint [ch. C18]
e. Working with electrical/electronic equipment [ch. C9]
f. Operating portable electric tools [ch. C9]
g. Welding, cutting, and brazing [ch. C11]
h. Handling hazardous material/waste [ch. C23]
i. Working over the side [ch. C8]
j. Divers/swimmers working over the side [ch. C22]
k. Conduct of aircraft flight operations [chs. C7, C12]
l. Ammunition transfers [ch. C14]
m. Cargo handling (crane, boom, and winch) [ch. C2]
n. Line handling [ch. C5]

_____

(Signature and Date)

## 102 WATCHSTANDING (BASIC) FUNDAMENTALS

References:

[a] OPNAVINST 3120.32(Series), Standard Organization and Regulations of the U.S. Navy
[b] Watch Officer's Guide
[c] Local Command Instruction
[d] Local Senior Officer Present Afloat (SOPA) Instruction
[e] COMDTINST M16672.2(Series), U.S. DOT/USCG Navigation Rules, International - Inland

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102.1 State the primary responsibility of the in-port duty section. [ref. a, ch. 4]

_____
(Signature and Date)

.2 Discuss the duties and responsibilities of the following personnel:

a. CDO [ref. a, ch. 4]
b. OOD [ref. a, ch. 4]
c. POOW [ref. a, ch. 4]
d. MOOW [ref. a, ch. 4]
e. Roving Patrol [ref. a, ch. 4]
f. Sounding and Security Watch [ref. a, ch. 4]
g. Cold Iron Watch [ref. b, ch. 10]
h. DMAA [ref. a, ch. 4]
i. Pier Sentry [ref. b, ch. 12]
j. Brow Watch [ref. a, ch. 4]
k. DC Supervisor [ref. a, ch.4]

_____
(Signature and Date)

.3 Discuss the relationship between the following personnel and each watchstation:

a. CO [ref. c]
b. XO [ref. a, ch. 4]
c. CDO [ref. a, ch. 4]
d. Duty Department Heads [ref. a, ch. 4]
e. Watch Bill Coordinator/Section Leader [ref. c]
f. SOPA [refs. c, d]

_____
(Signature and Date)

## 102 WATCHSTANDING (BASIC) FUNDAMENTALS (CONT'D)

102.4 State the navigational lights displayed under the following conditions:

a. In-port (pier side) [refs. c, e]
b. At anchor [ref. e, pt. C]

_____
(Signature and Date)

.5 State your watchstation responsibilities during the following: [ref. c]

a. Fire
b. Flooding
c. Collision
d. Rescue and assistance
e. MOB
f. Weapons accident/incident
g. Flight crash
h. Medical emergency
i. Loss of firemain
j. Excessive magazine temperature
k. Environmental pollution
l. Vehicle/Equipment Accident/Incident
m. Anchor chain parting
n. Loss of electric power

_____
(Signature and Date)

.6 Explain the requirements and procedures for making 12 o'clock reports. [ref. c]

_____
(Signature and Date)

.7 Discuss the important factors that must be considered prior to relieving the watch. [ref. b, ch. 12; ref. c]

_____
(Signature and Date)

## 104 COMMUNICATION FUNDAMENTALS

References:

[a] NAVEDTRA 14343, Boatswains Mate
[b] Pub No. 102, International Code of Signals
[c] U.S. Navy Regulations
[d] NTP-13(C), Flags, Pennants, and Customs
[e] Bluejackets' Manual
[f] NAVEDTRA 14120, Interior Communications Electrician, Vol. 1
[g] Manufacturer's Technical Manuals
[h] Naval Sea Systems Command Technical Manual SE-105-AQ-MMO-00/STC-2(V), Integrated Voice Communication System, Vol. 1

104.1 Discuss and describe the meaning and location of the following absentee pennants: [ref. a, ch. 7]

a. FIRST SUB
b. SECOND SUB
c. THIRD SUB
d. FOURTH SUB

_____
(Signature and Date)

.2 Discuss and describe the meaning of the following emergency flags:

a. OSCAR [ref. a, ch. 7]
b. FIVE [ref. a, ch. 7]
c. NOVEMBER CHARLIE [ref. a, ch. 6; ref. b]

_____
(Signature and Date)

.3 Discuss and describe the meaning of the following warning flags:

a. ALPHA [ref. a, ch. 7]
b. BRAVO [ref. a, ch. 7]
c. KILO [ref. d, ch. 17]
d. LIMA [ref. d, ch. 17]
e. HOTEL [ref. d, ch. 17]

_____
(Signature and Date)

## 104 COMMUNICATION FUNDAMENTALS (CONT'D)

104.4 Discuss and describe the meaning of the following information flags:

a. MIKE [ref. a, ch. 7]
b. INDIA [ref. a, ch. 7]
c. PAPA [ref. a, ch. 7]
d. QUEBEC [ref. a, ch. 7]
e. ZERO [ref. d, ch. 17]

_____
(Signature and Date)

.5 Discuss and describe the flags/pennants flown by the SOPA. [ref. d, ch. 17]

_____
(Signature and Date)

.6 Discuss CODE/ANSWER pennant. [ref. a, ch. 6]

_____
(Signature and Date)

.7 State what pennant is flown higher than the National Ensign. [ref. d, ch. 17]

_____
(Signature and Date)

.8 Define the following:

a. Ensign [ref. d, ch. 1]
b. Union Jack [ref. d, ch. 1]
c. Commissioning Pennant [ref. d, ch. 17]
d. Flag Staff [ref. e, app. k]
e. Jack Staff [ref. e, app. k]
f. Pig Stick [ref. e, app.k]
g. Gaff [ref. e, app. k]

_____
(Signature and Date)

.9 Discuss the importance of using standard phraseology when using the General Announcing System (1MC). [ref. a, ch.1]

_____
(Signature and Date)

## 104 COMMUNICATION FUNDAMENTALS (CONT'D)

104.10 State the phonetic alphabet and numbers. [ref. a, ch. 7]

_____

(Signature and Date)

.11 Discuss the procedure for observing sunrise and executing morning and evening colors. [ref. c, ch. 12]

_____

(Signature and Date)

.12 Discuss the use and operation of the following:

a. Sound powered phone circuits [ref. f, ch. 5]
b. Ship's service telephone [ref. f, ch. 6]
c. Quarterdeck alarms [ref. f, chs. 7, 9]
d. Handheld radios [ref. g]
e. 21/24MC [ref. f, ch. 7]
f. Installed VHF radios [ref. g]
g. IVCS [ref. h, pt. 1]

_____

(Signature and Date)

## 106 SECURITY FUNDAMENTALS

References:

[a] SECNAVINST 5510.36(Series), Department of the Navy (DON) Information Security Program(ISP) Regulation
[b] SECNAVINST 5510.30(Series), Department of the Navy (DON) Personnel Security Program
[c] System Security Administrator and Operator's Manual (SSAOM)

106.1 Discuss and define the following:

a. Access [ref. b, ch. 9]
b. Circulation and control [ref. a, ch. 7]
c. Classification [ref. a, ch. 6]
d. Clearance [ref. b, ch. 8]
e. Compromise [ref. a, ch. 12]
f. Marking [ref. a, ch. 6]
g. Security [ref. b, chs. 5 thru 7]
h. Transmission [ref. a, ch. 9]
i. Physical security [ref. a, ch. 10]
j. Telephone security [ref. a, ch. 9]
k. Special category [ref. a, ch. 6]
l. NOFORN [ref. a, ch. 6]
m. NATO handling [ref. a, ch. 8]
n. Declassification [ref. a, ch. 4]
o. Downgrading [ref. a, ch. 74]
p. For Official Use Only [ref. a, ch. 6]
q. Information Assurance [ref. c]

_____
(Signature and Date)

.2 Discuss the following security classification categories: [ref. a, ch. 6]

a. Top secret
b. Secret
c. Confidential
d. FOUO

_____
(Signature and Date)

## 106 SECURITY FUNDAMENTALS (CONT'D)

106.3 Discuss storage requirements in terms of the following: [ref. a]

a. Standards for storage equipment [ch. 1]
b. Storage of classified material [ch. 10]
c. Designations and combinations [ch. 10]
d. Care during working hours [ch. 7]
e. Care after working hours [ch. 7]
f. Emergency planning [ch. 2]

_____
(Signature and Date)

.4 What should you do in the event you discover a compromise or suspect compromise of classified information? [ref. a, ch. 8]

_____
(Signature and Date)

.5 Discuss who can transport classified information. [ref. e, ch. 6]

_____
(Signature and Date)

.6 Discuss security markings on classified material. [ref. e, ch. 5]

_____
(Signature and Date)

.7 State whose baggage may be inspected entering and leaving the ship. [ref. c, ch. 5]

_____
(Signature and Date)

.8 Discuss the procedures for inspecting packages/materials entering and leaving the ship. [ref. d]

_____
(Signature and Date)

## 107 HONORS AND CEREMONIES (BASIC) FUNDAMENTALS

References:

[a] United States Navy Regulations
[b] NTP-13(B), Flags, Pennants, and Customs
[c] Bluejackets' Manual

107.1 Discuss passing honors rendered to officers/officials embarked in boats, riding in cars, and afoot. [ref. a, ch. 12]

_____
(Signature and Date)

.2 State what conditions warrant the dipping of the National Ensign. [ref. a, ch. 12]

_____
(Signature and Date)

.3 Discuss the boat hails used during daylight hours. [ref. b, ch. 10]

_____
(Signature and Date)

.4 Discuss the boat hails used during hours of darkness. [ref. b, ch. 10]

_____
(Signature and Date)

.5 State the proper order for embarking/debarking officers and enlisted personnel in small boats. [ref. a, ch. 12]

_____
(Signature and Date)

.6 Explain what actions are taken by quarterdeck personnel upon the arrival/departure of the CO and embarked Flag Officers. [ref. b, ch. 12]

_____
(Signature and Date)

.7 State the procedures for flying colors at half-mast. [ref. b, ch. 2]

_____
(Signature and Date)

## 107 HONORS AND CEREMONIES (BASIC) FUNDAMENTALS (CONT'D)

107.8 Discuss the occasion when the ship is called to attention (port/starboard) as opposed to those occasions when only the quarterdeck renders honors. [ref. a, ch. 12]

_____
(Signature and Date)

.9 Discuss the rendering honors during informal visits or calls. [ref. a, ch. 12]

_____
(Signature and Date)

.10 Discuss the etiquette used by military personnel embarking/debarking the ship. [ref. c, ch. 5]

_____
(Signature and Date)

.11 Discuss the passing honors between U.S. naval ships. [ref. b, ch. 13]

_____
(Signature and Date)

.12 Discuss the honors that are rendered when officers/officials embark/debark. [ref. b, ch. 12]

_____
(Signature and Date)

## 109 SEAMANSHIP (BASIC) FUNDAMENTALS

References:

[a] NAVEDTRA 14343, Boatswain's Mate
[b] NAVEDTRA 14067, Seaman
[c] NAVEDTRA 14325, Military Requirements, Basic (BMR)
[d] NSTM S9086-UU-STM-010/CH-613, Wire and Fiber Rope and Rigging

109.1 Define the following terms as applied to ground tackle: [ref. b]

a. Bitt [Glossary]
b. Chock [Glossary]
c. Cleat [Glossary]
d. Bull nose [ch. 4]
e. Hawsepipe [Glossary]
f. Chain pipe [Glossary]
g. Anchor [Glossary]
h. Chain stopper [ch. 4]
i. Pelican hook [Glossary]
j. Turnbuckle [ch. 4]
k. Anchor windlass [ch. 4]
l. Gypsy head [ch. 4]
m. Capstan [Glossary]
n. Anchor buoy [Glossary]
o. Capstan/brake control [ch. 4]

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(Signature and Date)

.2 Define the following terms as applied to marlinespike seamanship:

a. Line [ref. a, Glossary]
b. Wire [ref. a, ch. 2]
c. Spring lay [ref. a, Glossary]
d. Bight [ref. b, Glossary]
e. Bitter end [ref. b, Glossary]
f. Eye [ref. c, ch. 6]
g. Flemish [ref. a, Glossary]
h. Coil [ref. b, Glossary]
i. Fake [ref. a, Glossary]
j. Heaving line [ref. a, ch. 2]
k. Rattail stopper [ref. a, Glossary]

109.2

l. Sea painter [ref. a, Glossary]
m. Whipping [ref. a, ch. 2]
n. Seizing [ref. a, ch. 2]

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(Signature and Date)

.3 Define the following terms related to mooring:

a. Mooring line [ref. a, ch. 2]
b. Breast line [ref. a, ch. 2]
c. Forward spring line [ref. a, ch. 2]
d. After spring line [ref. a, ch. 2]
e. Bow/head line [ref. a, ch. 2]
f. Stern line [ref. a, ch. 2]
g. Storm line/wire [ref. a, ch. 1]
h. Tattletail cord [ref. a, ch. 2]
i. Round turn [ref. d, ch. 2]
j. Dip the eye [ref. a, ch. 2]
k. Single up [ref. a, ch. 2]
l. Double up [ref. a, ch. 2]
m. Light/moderate/heavy strain [ref. a, Glossary]
n. Frap [ref. a, ch. 2]
o. Rat guards [ref. a, ch. 2]
p. Chafing gear [ref. b, Glossary]

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(Signature and Date)

.4 Define the following terms related to deck equipment:

a. Pad eye [ref. b, ch. 4]
b. Lifelines [ref. a, Glossary]
c. Boatswain's chair [ref. a, ch. 3]
d. Jacob's ladder [ref. b, Glossary]
e. Sea ladder [ref. a, Glossary]
f. Boat boom [ref. a, Glossary]
g. Accommodation ladder [ref. a, ch. 3]
h. Safety harness [ref. b, ch. 4]

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(Signature and Date)

## 109 SEAMANSHIP (BASIC) FUNDAMENTALS (CONT'D)

109.5 Discuss the anchor chain with respect to the following: [ref. a, ch. 4]

a. Length of shot
b. Markings of detachable link between each shot
c. Yellow shot
d. Red shot

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(Signature and Date)

.6 Discuss the method of determination and terminology used in reporting the following: [ref. b]

a. How anchor chain tends [ch. 4]
b. Strain on anchor chain [ch. 2]

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(Signature and Date)

# 114 ENVIRONMENTAL PROTECTION FUNDAMENTALS

References:

[a] NSTM S9086-T8-STM-000/CH-593, Pollution Control
[b] Local Senior Officer Present Afloat (SOPA) Instruction
[c] OPNAVINST 5090.1(Series), Environmental Readiness Program Manual

114.1 Discuss the regulations/requirements/procedures and reports for the following in-port conditions:

a. Pumping bilges/operating an eductor [ref. a, ch. 4]
b. Blowing tubes [ref. b]
c. Dumping trash [ref. a, sec. 2]
d. Oil spill [ref. a, sec. 3]
e. Noise regulations and limitations, including the use of general announcing systems, ship's whistles, and alarms [ref. b]
f. Boiler(s) smoking due to improper combustion [ref. a, sec. 6]
g. Pumping CHT [ref. a, sec. 4]

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(Signature and Date)

.2 Define an environmentally significant oil or hazardous substance spill. [ref. c, ch. 22]

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(Signature and Date)

# 201 ALARMS SYSTEM

References:

[a] NAVEDTRA 14120, Interior Communications Electrician, Vol. 1
[b] Own Ship's Plans/Drawings
[c] OPNAVINST 5100.19(Series), Navy Safety and Occupational Health (SOH) Program Manual for Forces Afloat

201.1 SYSTEM COMPONENTS AND COMPONENT PARTS

Referring to a standard print of this system or the actual equipment, identify the following system components and component parts and discuss the designated items for each:

A. What is its function?
B. Where is it located?
C. What are the safety/protective devices for this component/component part?
D. What are the probable indications if this component fails?
E. What is the source of power?
F. What are the audible alarm indicators?

| | | Questions |
|---|---|---|
| 201.1.1 | General alarm [ref. a, ch. 9; ref. b] | A B D E F |
| .2 | Chemical alarm [ref. a, ch. 9; ref. b] | A B D E F |
| .3 | Collision alarm [ref. a, ch. 9; ref. b] | A B D E F |
| .4 | High temperature alarm (circuit F) [ref. a, ch. 9; ref. b] | A B D E F |
| .5 | Flight deck crash alarm [ref. a, ch. 9; ref. b] | A B D E F |
| .6 | Security alarm (FZ) [ref. a, ch. 9; ref. b] | A B D E F |
| .7 | Dome control panel alarm (LP/HP) [ref. a, ch. 9; ref. b] | A B D E F |
| .8 | Sprinkler activation alarm (FH) [ref. a, ch. 9; ref. b] | A B D E F |
| .9 | Carbon dioxide release alarm (FR) [ref. a, ch. 9; ref. b] | A B C D E F |
| .10 | Flooding (FD) alarm [ref. a, ch. 9; ref. b] | A B D E F |
| .11 | Smoke and gas alarm (4F) [ref. a, ch. 9; ref. b] | A B E F |
| .12 | Engineering casualty control alarm [ref. b] | A B E F |
| .13 | Secure communications space door position alarm (DL) [ref. a, ch. 9; ref. b] | A B D E F |
| .14 | Halon activation alarm [ref. a, ch. 9, ref. b] | A B D E F |
| .15 | Secure space intrusion alarm [ref. a ch. 9, ref. b] | A B D E F |

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(Signature and Date)

## 201 ALARMS SYSTEM (CONT'D)

201.2 PRINCIPLES OF OPERATION

201.2.1 In what order of precedence are the following alarms set: [ref. a, ch. 7]

a. General
b. Chemical
c. Collision

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(Signature and Date)

201.3 PARAMETERS/OPERATING LIMITS – None to be discussed.

201.4 SYSTEM INTERFACE

201.4.1 How does the loss of ship's electrical power affect the operation of this system? [ref. a, ch. 9; ref. b]

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(Signature and Date)

201.5 SAFETY PRECAUTIONS

201.5.1 What safety precautions must be observed when operating this system? [ref. c, ch. C9]

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(Signature and Date)

# 202 COMMUNICATION EQUIPMENT SYSTEM

References:

[a] NAVEDTRA 14120, Interior Communications Electrician, Vol. 1
[b] Local Senior Officer Present Afloat (SOPA) Instruction
[c] OPNAVINST 5100.19(Series), Navy Safety and Occupational Health (SOH) Program Manual for Forces Afloat
[d] Naval Sea Systems Command Technical Manual SE-105-AQ-MMO-00/STC-2(V) Integrated Voice Communication System, Vol. 1

202.1 SYSTEM COMPONENTS AND COMPONENT PARTS

Referring to a standard print of this system or the actual equipment, identify the following system components and component parts and discuss the designated items for each:

A. What is its function?
B. Where is it located?
C. What are the sources of power?

| | | Questions |
|---|---|---|
| 202.1.1 | General announcing system (1MC) [ref. a, ch. 7] | A B C |
| | a. Loudspeaker group control switches | A B |
| | b. Microphone | A B |
| | c. Volume Indicator meter | A B |
| | d. Busy lamp | A B |

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(Signature and Date)

| | | |
|---|---|---|
| .2 | 21/24 MC transmitter [ref. a, ch. 7] | A B C |
| | a. Station push buttons | A B |
| | b. Busy light | A B |
| | c. Call light | A B |
| | d. Volume control | A B |
| | e. Dimmer control | A B |
| | f. Talk switch | A B |
| | g. Microphone/handset connector | A B |

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(Signature and Date)

## 202 COMMUNICATION EQUIPMENT SYSTEM (CONT'D)

| | | Questions |
|---|---|---|
| 202.1.3 | Sound-powered telephone signal circuit [ref. a, ch. 5] | A B C |
| | a. Handset | A B |
| | b. Selector switch | A B |
| | c. Generator handle (hand crank) | A B |
| | d. Sound-powered phone jack | A B |

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(Signature and Date)

| | | |
|---|---|---|
| .4 | Ship's service telephone [ref. a, ch. 6] | A B |

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(Signature and Date)

| | | |
|---|---|---|
| .5 | IVCS [ref. d] | A B |

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(Signature and Date)

| | | |
|---|---|---|
| .6 | Circuit E stations [ref. a, ch. 5] | A B |

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(Signature and Date)

| | | |
|---|---|---|
| .7 | Command early warning/high precedence voice net [ref. b] | A B |

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(Signature and Date)

202.2 PRINCIPLES OF OPERATION

202.2.1 What indications are received if the system is malfunctioning? [ref. a, ch. 5]

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(Signature and Date)

202.3 PARAMETERS/OPERATING LIMITS – None to be discussed.

## 202 COMMUNICATION EQUIPMENT SYSTEM (CONT'D)

202.4 SYSTEM INTERFACE

202.4.1 How does the 1MC system interface with the general, chemical, and collision alarms? [ref. a, ch. 7]

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(Signature and Date)

202.5 SAFETY PRECAUTIONS

202.5.1 What safety precautions must be observed when operating this system? [ref. a, ch. 1; ref. c, ch. C9]

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(Signature and Date)

# 203 NAVIGATION LIGHTS SYSTEM

References:

[a] NAVEDTRA 14338, Quartermaster
[b] OPNAVINST 5100.19(Series), Navy Safety and Occupational Health (SOH) Program Manual for Forces Afloat

203.1 SYSTEM COMPONENTS AND COMPONENT PARTS

Referring to a standard print of this system or the actual equipment, identify the following system components and component parts and discuss the designated items for each: [ref. a, ch. 11]

A. What is its function?
B. Where is it located?
C. What are the sources of power?

| | | Questions |
|---|---|---|
| 203.1.1 | Navigation lights | A B C |
| .2 | Waterline lights | A B C |
| .3 | MOB lights | A B C |
| .4 | Aircraft warning lights | A B C |
| .5 | Anchor light | A B C |
| .6 | Supply, control, and telltale panel | A B |

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(Signature and Date)

203.2 PRINCIPLES OF OPERATION

203.2.1 What indications are received if the system is malfunctioning? [ref. a, ch. 11]

_____
(Signature and Date)

203.3 PARAMETERS/OPERATING LIMITS – None to be discussed.

203.4 SYSTEM INTERFACE – None to be discussed.

203.5 SAFETY PRECAUTIONS

203.5.1 What safety precautions must be observed when operating this system? [ref. b, ch. C9]

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(Signature and Date)