

U.S. Department
of Transportation

United States
Coast Guard



AUXILIARY BOAT CREW QUALIFICATION GUIDE, VOLUME I: CREW MEMBER

COMDTINST M16794.52



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COMDTINST M16794.52

COMMANDANT INSTRUCTION M16794.52

Subj: AUXILIARY BOAT CREW QUALIFICATION GUIDE, VOLUME I: CREW MEMBER

Ref: (a) Auxiliary Operations Policy Manual, COMDTINST M16798.3 (series)
(b) Auxiliary Boat Crew Training Manual, COMDTINST M16794.51 (series)
(c) Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

1. PURPOSE. This Guide establishes minimum performance standards for qualification as an Auxiliary crew member on a Coast Guard Auxiliary vessel facility.
2. ACTION. Area and district commanders, commanders of maintenance and logistics commands, and commanding officers of headquarters units shall be sure that the units and Auxiliarists under their command adhere to the provisions of this Guide.
3. DIRECTIVES AFFECTED. The qualification tasks for the crew member position in Chapter 8 of the Auxiliary Boat Crew Training Qualification Guide—Crewman and Coxswain, COMDTINST M16798.28, may be used through 31 December 2001. After that date, only this Guide may be used to qualify Auxiliary members for the coxswain position.
4. DISCUSSION. This Guide is part of the complete revision of the Coast Guard’s family of boat crew training and qualification publications, which started with the issue of the Boat Crew Seamanship Manual, COMDTINST M16114.5B, in 1998. This Guide is one of a series of three qualification guides (crew member, coxswain, and personal watercraft (PWC) operator) used in conjunction with the Boat Crew Seamanship Manual and the Auxiliary Boat Crew Training Manual to qualify Auxiliary members in the boat crew program. These publications are being revised to reflect the best and safest practices in the Coast Guard boat fleet. Major changes in this Guide

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A																										
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include:

- a. Establishment of the Boat Crew Seamanship Manual as the primary training reference for the Auxiliary boat crew program.
 - b. Separation of the qualification tasks contained in the Auxiliary Boat Crew Training and Qualification Guide—Crewman and Coxswain into two separate volumes, plus the introduction of a new set of qualification tasks for PWC operator, in a third volume.
 - c. Incorporation of team coordination, operational risk management, and crew efficiency factors into the Auxiliary boat crew program.
 - d. Changing the qualification task numbering system to that used by the active duty program.
 - e. Formatting the manual in “information mapping” style for easy reading and reference.
 - f. Establishment of a requirement for a dockside oral examination and an underway check ride prior to certification.
5. PROCEDURES. Auxiliarists who are currently in training under the Auxiliary Boat Crew Training Qualification Guide—Crewman and Coxswain, COMDTINST M16798.28, may continue to use the qualification tasks (chapter eight) in that Guide until 31 December 2001. Most qualification tasks under the old program can be transferred to the new program using the cross-reference table in Section 1.B.
6. FORMS AVAILABILITY. All forms required by this Guide may be ordered from the Auxiliary National Supply Center.

TERRY M. CROSS
Assistant Commandant for Operations

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	<i>BCM-08-03-AUX</i>	<i>None assigned</i>

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Chapter 1. Introduction

Overview

The Auxiliary Boat Crew Qualification Guides are an integral part of the boat crew qualification and certification process. Each volume contains a collection of tasks which must be learned, practiced, and performed by the trainee. These tasks represent the minimum elements of skill and knowledge necessary for safe and effective performance as a Coast Guard Auxiliary boat crew member. This chapter contains three sections:

Section A: Purpose

Section B: Description of the Guide

Section C: The Qualification Process

Section A. Purpose

A.1. The Qualification Guide

This Qualification Guide is used in conjunction with the Auxiliary Boat Crew Training Manual, COMDTINST M16794.51 (series), and the Boat Crew Seamanship Manual, COMDTINST M16114.5 (series), to train and qualify Auxiliary members to serve as crew members on Auxiliary vessel facilities.

This Qualification Guide contains a series of tasks that are performed by Auxiliary members to demonstrate that they possess the knowledge and skills required to serve as an Auxiliary crew member. Upon completion of all tasks in the Qualification Guide, including the dockside oral exam and underway check ride with a Qualification Examiner, the member is **qualified**.

A.2. Training Goal

The goal of the training program is to enable people to learn and perform up to their full potential in Auxiliary surface operations missions. This qualification guide, together with the mentoring process, is designed to lead members through a training program at a learning pace suitable for each individual. The purpose of the boat crew training program is **not** to “weed out” or exclude people. Rather, it is to qualify and certify as many volunteers as possible, without compromising mission integrity and safety.

Section B. Description of the Guide

B.1. Format

The Qualification Guide consists of three volumes:

Volume I: Crew Member

Volume II: Coxswain

Volume III: Personal Watercraft (PWC) Operator

Each volume has three chapters:

Chapter 1: Introduction

Chapter 2: Qualification Tasks

Chapter 3: Study Guide (not included in Volume III: PWC Operator)

B.2. Qualification Tasks

Each qualification task represents a certain skill or piece of knowledge required in the performance of duty as an Auxiliary boat crew member. Collectively, the complete set of tasks represents the minimum performance standard for the position. Each task has seven parts:

Designation

Title

References

Conditions

Standards

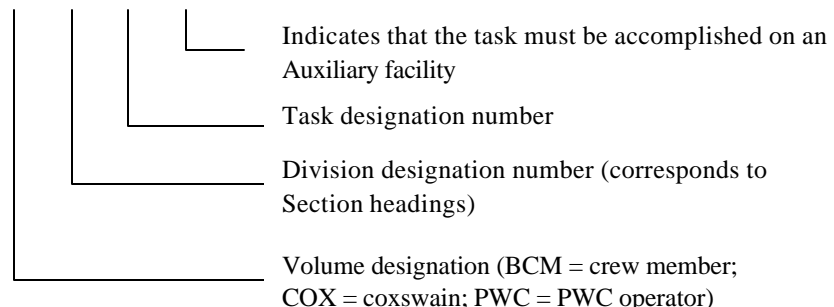
Performance Criteria

Verification

B.2.a. Designation

Each task is designated by a number in the following format:

BCM-02-03-AUX



B.2.b. Title

The name and general nature of the task.

B.2.c. Reference

Lists sources of teaching material, background information, and policy. The primary reference for seamanship skills is the Boat Crew Seamanship Manual. Other references shown in this guide are Coast Guard policy or technical directives. However, members are encouraged to use a wide range of references for small boat handling, navigation, and seamanship skills. The Auxiliary Boat Crew Training Manual has an extensive list of references, including the Auxiliary Specialty courses and the Auxiliary Public Education courses.

B.2.d. Conditions

Describes the environment and physical circumstances in which the task must be performed. Any tools or special equipment needed for completion of the task are listed here. The following terms are used in the Conditions and Standards sections of the tasks:

Boat Operations

Slow: Underway and moving ahead at clutch speed or slower.

Underway: Not tied to a pier or float and not anchored or moored.

Visibility

Restricted: Visibility less than ¼ mile.

Clear: All other states of visibility.

Sea Conditions

Calm: Waves less than 1 foot.

Moderate: Waves 1 to 4 feet.

Heavy: Waves 4 feet and over.

B.2.e. Standards

Standards describe the expected outcome of the task. Successful task completion is a function of how well a student is able to complete the task without assistance. Generally the task performance standards are as follows.

Knowledge Tasks: Candidate must be able to cite, from memory, the required information. Mentors may wish to ask questions concerning particular steps for accomplishment in order to measure the candidate's total comprehension of the subject matter.

Continued on next page

B.2.e. Standards
(Continued)

Skill Tasks: Candidate must be able to perform all performance tasks without prompting or assistance from the mentor. Each task demonstration must follow the correct sequence with little or no hesitation between the steps for accomplishment.

B.2.f. Performance
Criteria

These steps delineate the procedure that is best followed for performing each task. They can be utilized two basic ways.

To Aid in Learning the Task: Some steps for task accomplishment follow exact procedures which are required for performing a particular operation or using a specific piece of equipment, while others serve as general guidelines for task completion.

To Provide a Performance Check: The steps provide a check list which can be used by the mentor to evaluate the trainee's performance.

B.2.g. Verification

The designated mentor must print his/her name, sign and date this line attesting that the candidate successfully performed the task in accordance with the prescribed standards. The mentor does not need to initial or sign each performance criterion.

B.3. **Optional Tasks**

Some tasks are designated as **optional**. Completion of these optional tasks is not required for qualification. Optional tasks are intended to give trainees additional opportunities to learn valuable boat crew skills, either during or after the qualification process.

Optional tasks may not be made mandatory. Further, no additional tasks may be added or required to achieve qualification or certification. See additional guidance regarding certification in Auxiliary Boat Crew Training Manual, Section 4.A.4.

B.4. **Waiverable
Tasks**

Tasks involving certain boat handling evolutions may be waived by the Director, as indicated in the Standards section of the task. The Director may waive these tasks if, given the mission requirements, the nature of the waters, and/or the types of Auxiliary facilities in the district, the evolution is unsafe, inappropriate, or not operationally required.

Section C. The Qualification Process

C.1. Process Summary

For a complete description of the training and qualification process and policies, refer to the Auxiliary Boat Crew Training Manual. The process is summarized below.

A series of **qualification tasks** defines the knowledge and skills required for each boat crew position. Each task describes a certain job skill, and states performance criteria for that skill. For example, a qualification task for the coxswain position is to take a vessel in stern tow. The trainee completes the task by reading the reference material listed, reviewing the skills with a mentor, then practicing the task. When the trainee demonstrates mastery of the task, the mentor signs off the task. When a mentor signs off all tasks for a certain position, the trainee is then scheduled for a check ride for certification with a **Qualification Examiner**, or (**QE**). The QE is an experienced Auxiliary coxswain appointed by the Director of Auxiliary to verify the proper completion of tasks. When the QE signs off the trainee's **Dockside Oral Exam** and **Underway Check Ride** tasks and is satisfied with the trainee's ability, the QE submits a recommendation to the Director, who then **certifies** the member. The member **maintains currency** of certification by periodically meeting annual minimum standards

C.2. Sign-Off Process

The process for learning and signing-off tasks is summarized below:

1. The mentor and trainee develop a work plan. This includes how many tasks will be assigned, whether tasks will be learned individually or in groups, scheduling on-the-water sessions, and so on.
 2. For each task, the mentor and trainee gather necessary reference material for the trainee to study. The trainee should complete the applicable sections of Chapter Three (Study Guide) that apply to the assigned tasks. Through a combination of self-study of written material and hands-on practice, the trainee learns skills required for the task.
 3. The mentor demonstrates the task using procedures outlined in the qualification guide.
 4. The mentor walks the trainee through the task until satisfied that the basic principles are understood.
 5. The trainee practices the task until the mentor is confident that the trainee is able to consistently meet the task standards on his/her own.
 6. When satisfied that the trainee meets the standard, the mentor verifies completion by signing off the task at the bottom of the task page.
-

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C.2. **Sign-Off
Process**
(Continued)

See Chapter 3 of the Auxiliary Boat Crew Training Manual for a complete description of the qualification process.

C.3. **Qualification
Examination**

The final step in the qualification process is examination by a Qualification Examiner (QE). Under the QE's direction, the trainee will complete a dockside oral examination and an underway check ride. Upon successful completion of these task, the member is now qualified. The details of this process are described in Chapter 3 of the Auxiliary Boat Crew Training Manual.

Once qualified, the member is then certified by the Director. See Chapter 4 of the Training Manual for a complete description of the certification process.

C.4. **Study Guide**

Chapter Three contains a study guide which may be used in conjunction with completing the qualification tasks in Chapter Two. The study guide contains reading assignments for most tasks, followed by a group of questions. Researching and answering these questions will help prepare the trainee for sign-off sessions with the mentor and the check ride with the QE.

Appendix A - RECORD OF COMPLETED TASKS CREW MEMBER

Trainee's Name: _____ Member Number: _____

<i>Section A</i>			
<i>Crew Efficiency Factors, Risk Factors and Team Coordination</i>			
Task	Description	Mentor Initials	Date
BCM-01-01-AUX <small>(old ACW-1-2-05)</small>	Crew Fatigue		
BCM-01-02-AUX	Sun And Heat Related Factors		
BCM-01-03-AUX	Team Coordination Training		

<i>Section B</i>			
<i>Physical Fitness, First Aid and Survival</i>			
Task	Description	Mentor Initials	Date
BCM-02-01-AUX	Personal Physical Requirements And Policy		
BCM-02-02-AUX	Crew First Aid Responsibility		
BCM-02-03-AUX <small>(old ACW-1-2-01)</small>	State The Symptoms And Treatment For Shock		
BCM-02-04-AUX	State The Symptoms And Treatment For Anaphylactic Shock		
BCM-02-05-AUX <small>(old ACW-1-2-06)</small>	Demonstrate Direct Pressure, Pressure Points And Tourniquet Method To Control Bleeding		
BCM-02-06-AUX <small>(old ACW-1-2-02)</small>	State The Signs And Treatment For Burns		
BCM-02-07-AUX <small>(old ACW-1-2-04)</small>	State The Symptoms And Treatment For Hypothermia		
BCM-02-08-AUX	Don An Anti-Exposure Coverall Or Dry Suit And Enter The Water (Optional)		
BCM-02-09-AUX <small>(old ACW-1-3-01)</small>	Identify Boat Crew Personal Survival Equipment		
BCM-02-10-AUX <small>(old ACW-1-3-01)</small>	Use The Emergency Signaling Mirror		

Section B <i>Physical Fitness, First Aid and Survival (continued)</i>			
Task	Description	Mentor Initials	Date
BCM-02-11-AUX (old ACW-1-4-02)	Describe The Use Of Hand Held Distress Flares		
BCM-02-12-AUX (old ACW-1-3-01)	Describe The Use Of Aerial Flares		
BCM-02-13-AUX (old ACW-1-3-01)	Operate The Personal Marker Light (PML)		
BCM-02-14-AUX (old ACW-1-3-06)	State Survival Procedures In Event The Boat Capsizes		
BCM-02-15-AUX	PFD Swim		

Section C <i>Marlinespike Seamanship, Boat Nomenclature, and Basic Stability</i>			
Task	Description	Mentor Initials	Date
BCM-03-01-AUX (old ACW-1-1-02)	Identify The Different Parts Of A Line And The Hitches Used In Line Handling		
BCM-03-02-AUX (old ACW-1-1-02)	Tie Various Knots, Hitches And Bends		
BCM-03-03-AUX (old ACW-1-1-01 & ACW-1-1-03)	Secure Lines To Cleats, Bitts And Posts		
BCM-03-04-AUX (old ACW-1-5-01)	Assist The Coxswain With A Pre-Underway Check-Off Aboard An Auxiliary Facility		

Section D <i>Boat Handling</i>			
Task	Description	Mentor Initials	Date
BCM-04-01-AUX (old ACW-2-3-08)	Assist In Anchoring The Boat		
BCM-04-02-AUX (old ACW-2-3-09)	Assist In Weighing The Boats Anchor		
BCM-04-03-AUX (old ACW-2-3-06)	Identify Common Navigation Lights Displayed By Ships And Boats		
BCM-04-04-AUX (old ACW-2-3-07)	Identify Common Sound Signals Used By Ships And Boats		

Section D Boat Handling (continued)			
Task	Description	Mentor Initials	Date
BCM-04-05-AUX (old ACW-1-4-02)	Identify And Describe Accepted Maritime Distress Signals		
BCM-04-06-AUX (old ACW-2-3-01)	Stand A Lookout Watch		
BCM-04-07-AUX (old ACW-2-3-02)	Act As A Helmsman And Steer A Compass Course		
BCM-04-08-AUX (old ACW-2-1-01)	Cast Off And Stow Lines And Fenders		
BCM-04-09-AUX (old ACW-1-1-03, ACW-2-1-02 & ACW-2-1-03)	Prepare For, Moor And Secure Boat To A Dock		

Section E Communications			
Task	Description	Mentor Initials	Date
BCM-05-01-AUX (old ACW-1-4-01)	Operate A VHF-FM Radiotelephone		
BCM-05-02-AUX (old ACW-2-2-01)	Use The VHF-FM Radiotelephone To Give A Position Or Ops Normal Report		

Section F Navigation			
Task	Description	Mentor Initials	Date
BCM-06-01-AUX (old ACW-2-3-05)	Identify The Basic Parts, Symbols And Abbreviations Found On A Nautical Chart		
BCM-06-02-AUX (old ACW-2-3-04)	Identify Common Aids To Navigation Used In Small Boat Piloting		
BCM-06-03-AUX (old ACW-2-3-04 & ACW-2-3-05)	Identify Local Landmarks Used In Piloting On A Nautical Chart		
BCM-06-04-AUX (old ACX-2-3-08& ACX-2-3-09)	Plot A Position Using Latitude And Longitude (Optional)		
BCM-06-05-AUX (old ACX-1-2-04)	Plot A Magnetic Course On A Nautical Chart (Optional)		

Section F Navigation (continued)			
Task	Description	Mentor Initials	Date
BCM-06-06-AUX (old ACX-1-2-04)	Measure Distance On A Nautical Chart (Optional)		
BCM-06-07-AUX (old ACX-1-2-04)	Compute Time, Speed And Distance (Optional)		
BCM-06-08-AUX (old ACW-2-3-03)	Determine The Depth Of Water Using A Fathometer And/Or Sounding Pole		

Section G Mission Oriented Operations			
Task	Description	Mentor initials	Date
BCM-07-01-AUX (old ACW-2-4-01)	Participate In A Man Overboard Evolution As A Pointer		
BCM-07-02-AUX (old ACW-2-4-02)	Participate In A Man Overboard Evolution As A Recovery/Pickup Man		
BCM-07-03-AUX (old ACW-3-2-01)	Participate In A Basket Hoist (Optional)		
BCM-07-04-AUX (old ACW-3-1-01)	Bend A Heaving Line To A Bridle And Pass The Heaving Line To Another Boat		
BCM-07-05-AUX (old ACW-3-1-02& ACW-3-1-03)	Pass A Towline (Bridle) To Another Boat And Take In Stern Tow		
BCM-07-06-AUX (old ACW-3-1-05)	Stand A Towing Watch		
BCM-07-07-AUX (old ACW-3-1-04)	Connect A Towline To A Trailer Eye Bolt Using A Shackle Or Kicker/Skiff Hook		
BCM-07-08-AUX (old ACW-3-1-06)	Take A Boat In Alongside Tow (Waiverable by DIRAUX)		
BCM-07-09-AUX (old ACW-1-3-02)	Prepare A Portable Pump For Operations And Obtain Suction (Optional)		
BCM-07-10-AUX (old ACW-1-3-03)	Identify The Different Classes Of Fires And State The Fuel And Primary Extinguishing Agents Associated With Each		
BCM-07-11-AUX (old ACW-1-3-04 & ACW-2-4-03)	Locate And Operate The Boat's Dewatering Equipment		
BCM-07-12-AUX (old ACW-1-3-05)	Operate A CO2 Fire Extinguisher (Simulate)		
BCM-07-13-AUX (old ACW-1-3-05)	Operate A Dry Chemical Fire Extinguisher (Simulate)		

<i>Section H</i> <i>Auxiliary Specific Tasks</i>			
Task	Description	Mentor/QE Initials	Date
BCM-08-01-AUX	Basic Knowledge Of Boating Skills		
BCM-08-02-AUX	Perform As A Crewmember During A Night Navigation And Piloting Exercise (Waiverable by DIRAUX)		
BCM-08-03-AUX	Dockside Oral Examination		
BCM-08-04-AUX	Underway Check Ride		

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Appendix B - AUXILIARY CREW MEMBER TASK CROSS REFERENCE

OLD TASK	NEW TASK
ACW-1-1-01	BCM-03-03-AUX
ACW-1-1-02	BCM-03-01-AUX BCM-03-02-AUX
ACW-1-1-03	BCM-03-03-AUX BCM-04-09-AUX
ACW-1-2-01	BCM-02-03-AUX
ACW-1-2-02	BCM-02-06-AUX
ACW-1-2-03	None
ACW-1-2-04	BCM-02-07-AUX
ACW-1-2-05	BCM-01-01-AUX
ACW-1-2-06	BCM-02-05-AUX
ACW-1-3-01	BCM-02-09-AUX BCM-02-10-AUX BCM-02-12-AUX BCM-02-13-AUX
ACW-1-3-02	BCM-07-09-AUX
ACW-1-3-03	BCM-07-10-AUX
ACW-1-3-04	BCM-07-11-AUX
ACW-1-3-05	BCM-07-12-AUX BCM-07-13-AUX
ACW-1-3-06	BCM-02-14-AUX
ACW-1-4-01	BCM-05-01-AUX
ACW-1-4-02	BCM-02-11-AUX BCM-04-05-AUX
ACW-1-5-01	BCM-03-04-AUX
ACW-2-1-01	BCM-04-08-AUX
ACW-2-1-02	BCM-04-09-AUX
ACW-2-1-03	BCM-04-09AUX
ACW-2-2-01	BCM-05-02-AUX
ACW-2-3-01	BCM-04-06-AUX
ACW-2-3-02	BCM-04-07-AUX
ACW-2-3-03	BCM-06-08-AUX
ACW-2-3-04	BCM-06-02-AUX BCM-06-03-AUX
ACW-2-3-05	BCM-06-01-AUX BCM-06-03-AUX
ACW-2-3-06	BCM-04-03-AUX
ACW-2-3-07	BCM-04-04-AUX
ACW-2-3-08	BCM-04-01-AUX
ACW-2-3-09	BCM-04-02-AUX
ACW-2-4-01	BCM-07-01-AUX
ACW-2-4-02	BCM-07-02-AUX
ACW-2-4-03	BCM-07-11-AUX
ACW-3-1-01	BCM-07-04-AUX
ACW-3-1-02	BCM-07-05-AUX
ACW-3-1-03	BCM-07-05-AUX
ACW-3-1-04	BCM-07-07-AUX

Continued on next page

Appendix B: Task Cross Reference

OLD TASK	NEW TASK
ACW-3-1-05	BCM-07-06-AUX
ACW-3-1-06	BCM-07-08-AUX
ACW-3-2-01	BCM-07-03-AUX
None	BCM-01-02-AUX
None	BCM-02-01-AUX
None	BCM-02-02-AUX
None	BCM-02-04-AUX
None	BCM-02-08-AUX
None	BCM-02-15-AUX
None	BCM-08-01-AUX
None	BCM-08-02-AUX
None	BCM-08-03-AUX
ACX-1-2-04	BCM-06-05-AUX BCM-06-06-AUX BCM-06-07-AUX
ACX-2-3-08	BCM-06-04-AUX
ACX-2-3-09	BCM-06-04-AUX

Chapter 2 Crew Member Qualification Tasks

In this chapter

This chapter contains eight sections:

Section	Title	See Page
A	Crew Efficiency Factors, Risk Factors and Team Coordination	2-2
B	Physical Fitness, First Aid, and Survival	2-6
C	Marlinespike Seamanship, Boat Nomenclature and Basic Stability	2-24
D	Boat Handling	2-34
E	Communications	2-44
F	Navigation	2-47
G	Mission Oriented Operations	2-57
H	Auxiliary Specific Tasks	2-76

Section A. Crew Efficiency Factors, Risk Factors and Team Coordination

Introduction

The following are objectives of Section A:

Demonstrate knowledge of the factors that effect crew performance.

In this section

This section contains three tasks.

Task Number	Task	See Page
BCM-01-01-AUX	Crew Fatigue	2-3
BCM-01-02-AUX	Sun And Heat Related Factors	2-4
BCM-01-03-AUX	Team Coordination Training	2-5

Name: _____

Task BCM-01-01-AUX

Task **Crew Fatigue**

References Chapter 3, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must either demonstrate knowledge or perform each task to the minimum standards included in each performance step.

Completed

Performance Criteria

- _____ 1. Described the situations that may cause fatigue.
- _____ 2. Stated the crew's responsibility.
- _____ 3. Described the primary symptoms of fatigue.
- _____ 4. Described the prevention measures.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-01-02-AUX

Task **Sun And Heat Related Factors**

References Chapter 3, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must either demonstrate knowledge or perform each task to the minimum standards included in each performance step.

Completed

Performance Criteria

- _____ 1. Described the symptoms, explained the preventative measures and stated the treatment for sun burn.
- _____ 2. Defined dehydration. Described the symptoms, preventive measues and treatment for dehydration.
- _____ 3. Defined heat rash (Prickly Heat). Stated the causes, symptoms, preventative measures and treatment for heat rash.
- _____ 4. Defined heat cramps. Stated the causes, preventative measures and treatment for heat cramps.
- _____ 5. Defined heat exhaustion. Stated the causes, symptoms, preventative measures and treatment for heat exhaustion.
- _____ 6. Defined heat stroke. Stated the causes, symptoms, preventative measures, and treatment for heat stroke.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-01-03-AUX

Task **Team Coordination Training**

References Team Coordination Training, COMDTINST 1541.1 (series)
Operational Risk Management, COMDTINST 3500.3 (series)

Conditions Task should be performed at any time, at facilities available to the member.

Standards Trainee must attend the training as prescribed in the reference above.

NOTE: If a TCT class is not readily available, the member may be qualified and certified without signing off this task. However, TCT must be completed at the earliest opportunity after certification. Completing an on-line TCT course, when available, is an alternative to meeting this requirement.

Completed

Performance Criteria

_____ 1. Date initial TCT training completed. _____

Accomplished **Mentor signature** _____ **Date** _____

Section B. Physical Fitness, First Aid and Survival

Introduction

The following are objectives of Section B:

- **State** the physical requirements for participation in the Auxiliary Boat Crew program.
- **State** Auxiliary crew members responsibilities for rendering First Aid.
- **Identify** the symptoms and **state** the treatment for various medical conditions that may be encountered while on patrol.
- **Identify** and **demonstrate** proficiency in those skills necessary for coping with open water survival situations.
- **Effectively** use all standard boat crew signaling and survival equipment.

In this section

This section contains fifteen tasks.

Task Number	Task	See Page
BCM-02-01-AUX	Personal Physical Requirements And Policy	2-8
BCM-02-02-AUX	Crew First Aid Responsibility	2-9
BCM-02-03-AUX	State The Symptoms And Treatment For Shock	2-10
BCM-02-04-AUX	State The Symptoms And Treatment For Anaphylactic Shock	2-11
BCM-02-05-AUX	Demonstrate Direct Pressure, Pressure Points And Tourniquet Method To Control Bleeding	2-12
BCM-02-06-AUX	State The Signs And Treatment For Burns	2-13
BCM-02-07-AUX	State The Symptoms And Treatment For Hypothermia	2-14
BCM-02-08-AUX	Don An Anti-Exposure Coverall Or Dry Suit And Enter The Water (Optional)	2-15
BCM-02-09-AUX	Identify Boat Crew Survival Equipment	2-17
BCM-02-10-AUX	Use The Emergency Signaling Mirror	2-18
BCM-02-11-AUX	Describe The Use Of Hand Held Distress Flares	2-19
BCM-02-12-AUX	Describe The Use Of Aerial Flares	2-20

Continued on next page

In this section
(Continued)

BCM-02-13-AUX	Operate The Personal Marker Light (PML)	2-21
BCM-02-14-AUX	State Survival Procedures In Event The Boat Capsizes	2-22
BCM-02-15-AUX	PFD Swim	2-23

Name: _____

Task BCM-02-01-AUX

Task **Personal Physical Requirements And Policy**

References Chapter 1, Auxiliary Operations Policy Manual, COMDTINST M16798.3 (series)
Chapter 3, Auxiliary Boat Crew Training Manual, COMDTINST 16794.51 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must state the physical requirements to be demonstrated and policies required to be practiced to participate as an Auxiliary crewmember, in the Auxiliary Boat Crew program.

Completed

Performance Criteria

- _____ 1. Stated the physical requirements necessary to participate in the Auxiliary Boat Crew program.
- _____ 2. Stated the policy and responsibility of a crew member when that member is unable or unfit to perform required duties on an ordered mission.
- _____ 3. Stated the policy and responsibility of a crew member that becomes aware of an incapacity, disability, or other disqualifying condition in another crew member.
- _____ 4. Stated who is responsible to abort the operational mission if the crew member or coxswain is reported to unfit to perform assigned duties.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-02-AUX

Task **Crew First Aid Responsibility**

References Chapter 5, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Chapter 4, Auxiliary Operations Policy Manual,
COMDTINST M16798.3 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards Trainee must demonstrate knowledge of key elements of crew responsibilities for rendering first aid.

Completed

Performance Criteria

_____ 1. Stated the policy for rendering first aid, including CPR, by an Auxiliary member.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-03-AUX

Task **State The Symptoms And Treatment For Shock**

References Chapter 5, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, state the common symptoms and treatment for shock.

Completed **Performance Criteria**

- _____ 1. Defined shock and stated the causes of shock.
- _____ 2. Stated four common symptoms of shock.
- _____ 3. Stated the treatment for shock.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-04-AUX

Task **State The Symptoms And Treatment For Anaphylactic Shock**

References Chapter 5, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, state the common symptoms and treatment for Anaphylactic Shock.

Completed **Performance Criteria.**

- _____ 1. Defined Anaphylactic shock.
- _____ 2. Stated the causes of anaphylactic shock.
- _____ 3. Listed the symptoms of anaphylactic shock.
- _____ 4. Stated the treatment for anaphylactic shock.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-05-AUX

Task **Demonstrate Direct Pressure, Pressure Points, And Tourniquet Method To Control Bleeding**

References Chapter 5, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, demonstrate methods used to control bleeding.

Completed

Performance Criteria

- _____ 1. Direct pressure method demonstrated.
- _____ 2. Identified and demonstrated at least three pressure points.
- _____ 3. Tourniquet method demonstrated.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-06-AUX

Task **State The Signs And Treatment For Burns**

References Chapter 5, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, state the signs and treatment for burns.

Completed

Performance Criteria

- _____ 1. Stated the three degrees of burns and their signs.
- _____ 2. Stated the treatment for minor burns.
- _____ 3. Stated the treatment for serious burns.
- _____ 4. Stated the treatment for chemical burns.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-07-AUX

Task **State The Symptoms Of And Treatment For Hypothermia**

References Chapters 5 and 16, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, state the symptoms and treatment of hypothermia.

Completed

Performance Criteria

- _____ 1. Stated the signs and symptoms for hypothermia.
- _____ 2. Stated the treatment for hypothermia.
- _____ 3. Stated the factors that increase the possibility of hypothermia.
- _____ 4. Stated the preventative measures used to increase the chances for cold water survival.
- _____ 5. Stated the survival time for a person in the water in the local area of operations.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-08-AUX

Task **Don An Anti-Exposure Coverall Or Dry Suit And Enter The Water (Optional)**

References Chapter 6, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Chapter 3, Coast Guard Rescue and Survival Systems Manual, COMDTINST M10470.10 (series)

Conditions Must be completed by entering the water. Trainee should be wearing all other survival gear consistent with the weather and water temperature. Trainee must accomplish task without prompting or use of a reference.

Standards Anti-exposure coverall or dry suit must be broken out and donned four minutes after receiving an instruction from the memtor. Anti-exposure coverall should fit snugly against the body and all straps must be secured. Trainee must enter the water in the manner prescribed in the steps below. If dry suit is used, proper undergarments and PFD must be worn.

Completed

Performance Criteria

- _____ 1. Anti-exposure coveralls donned
- _____ 2. All wrist and ankle seals secured.
- _____ 3. All other zippers and/or seals secured.
- _____ 4. Hood pulled up over head and secured.
- _____ 5. Gloves donned.
- _____ 6. All signaling gear attached.
- _____ 7. Surrounding water checked for debris.
- _____ 8. Eyes straight ahead.

Task BCM-02-08-AUX (Continued)

- _____ 9. Vertical position maintained, ankles crossed upon entry into the water.
- _____ 10. Entered water.
- _____ 11. Remained in water for a period of 10 minutes.
- _____ 12. After exercise, anti-exposure coverall rinsed, allowed to dry thoroughly, and properly stowed.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-09-AUX

Task **Identify Boat Crew Personnel Survival Equipment**

References Chapter 6, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Chapter 4, Auxiliary Operations Policy Manual,
COMDTINST M16798.3 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, state the policy for wearing PFD's, and the survival equipment required while on a surface patrol or mission.

Completed

Performance Criteria

- _____ 1. Stated the types of PFD's required to be worn when on patrol.
- _____ 2. Stated the required survival equipment that must be on the PFD.
- _____ 3. Stated the type of flares/smoke that must be used and the policy as to when required to be carried on the PFD.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-10-AUX

Task **Use The Emergency Signaling Mirror**

References Chapter 6, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Manufacturer's Operating Instructions

Conditions Performed at any time ashore, at the dock, or afloat. Trainee should be wearing personnel survival equipment. Mirror should have lanyard attached to the PFD. Sunlight should be reflected onto a predetermined target (boat, location on a wall, etc.). Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, using the mirror, reflect light rays from the sun onto the predetermined object within one minute.

Completed

Performance Criteria

- _____ 1. Signal mirror located and broken out.
- _____ 2. Sunlight reflected from the mirror onto a nearby surface, (hand, wall, or boat).
- _____ 3. Mirror brought to eye level, target sighted through sighting hole, and mirror manipulated so that light spot was on designated target.
- _____ 4. Used horizon sweep to demonstrate attention-attracting technique.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-11-AUX

Task **Describe The Use Of Hand Held Distress Flares**

References Chapter 6, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Manufacturer's Operating Instructions

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task using the manufacturers guidelines and safety precautions.

Standards In response to the mentor, the trainee must, without error, identify the CG approved hand held distress flares, (used on the vessel facility), and describe the sequence required to safely ignite the signal.

Completed

Performance Criteria

- _____ 1. Signal broken out and identified whether day or night flare.
- _____ 2. Described the proper use of the flare in accordance with manufacturer's operating instructions.
- _____ 3. Demonstrated the safe use, (a walk through without igniting), of the flare.
- _____ 4. Stated the proper disposal of a used flare.
- _____ 5. Stated conditions when each distress flare would be most effective.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-12-AUX

Task **State The Use Of Aerial Flares**

References Chapter 6, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Manufacturer's Operating Instructions

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task using the manufacture guidelines and safety precautions.

Standards In response to the mentor, the trainee must identify the CG approved aerial flare, (used on the Auxiliary Facility), and describe the sequence required safely to ignite the flare.

Completed

Performance Criteria

- _____ 1. Aerial flare broken out and identified.
- _____ 2. Described the proper use of the aerial flare in accordance with manufacturer's instruction.
- _____ 3. Demonstrated the safe use (a walk through without igniting) of the aerial flare.
- _____ 4. Described the proper disposal of a used flare.
- _____ 5. Stated conditions when the aerial flare would be most effective.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-13-AUX

Task **Operate The Personal Marker Light (PML)**

References Chapter 6, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Manufacturer's Operating Instructions

Conditions Performed at any time ashore, at the dock, or afloat, trainee should be wearing personnel survival equipment and must accomplish task using the manufacturers guidelines.

Standards In response to the mentor, the trainee must properly operate and explain the characteristics and maintenance of the PML.

NOTE: If PML is a "Chem Lite" type, task steps may be described vice actually activating the PML.

Completed

Performance Criteria

- _____ 1. PML located on, and retrieved from the PFD. (PML should be attached to PFD by a lanyard).
- _____ 2. Activated (or described activation of) the PML.
- _____ 3. Describe the characteristics and maintenance of the specific PML being used.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-14-AUX

Task **State Survival Procedures In The Event The Boat Capsizes**

References Chapter 6, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, state all steps in the procedure.

Completed **Performance Criteria**

- _____ 1. Described the action to be taken during capsizing.
- _____ 2. Described the route(s) of escape to be taken, in the event of capsizing.
- _____ 3. Explained the action to be taken if trapped inside an enclosed compartment.
- _____ 4. Described the action to take if unable to exit the capsized vessel.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-02-15-AUX

Task **PFD Swim**

References Chapter 6, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions This task is not intended to be performed at the dock, afloat, or from the beach, unless specific permission to do so has been granted by DIRAUX. A swimming pool (heated if available) should be used. **The trainee must enter the water wearing a PFD.** Trainee must accomplish task without prompting or use of a reference.

Standards In response to the QE, the trainee must inspect and properly don a PFD. (Preferably the approved type of PFD that the trainee would most likely use on patrol). The trainee must properly enter the water, float for 5 to 10 minutes, and then swim at least 30 feet. The following tasks must be completed without assistance.

Completed

Performance Criteria

- _____ 1. Inspected and correctly donned the proper size PFD.
- _____ 2. Entered water feet first wearing the PFD.
- _____ 3. Adjusted PFD if needed and floated for 5 to 10 minutes.
- _____ 4. Swam or used a stroke of the trainee's choice to travel through the water at least 30 feet.

Accomplished **Mentor signature** _____ **Date** _____

Section C. Marlinespike Seamanship, Boat Nomenclature, Nautical Terminology, and Basic Stability

Introduction

The following are general objectives for Section C:

- **Identify** and **explain** the use of and be able to consistently **tie** the basic knots and hitches used aboard Coast Guard Auxiliary facilities.
 - **Demonstrate** the ability to secure lines of various sizes to several types of deck and dock fittings.
 - **Locate** and **identify** equipment carried aboard Coast Guard Auxiliary facilities
-

In this section

This section contains four tasks.

Task Number	Task	See Page
BCM-03-01-AUX	Identify The Different Parts Of A Line And The Hitches Used In Line Handling	2-25
BCM-03-02-AUX	Tie Various Knots, Hitches And Bends	2-27
BCM-03-03-AUX	Secure Lines To Cleats, Bitts And Posts	2-28
BCM-03-04-AUX	Assist The Coxswain With A Pre-Underway Check-Off Aboard An Auxiliary Facility	2-30

Name: _____

Task BCM-03-01-AUX

Task **Identify The Different Parts Of A Line And The Hitches Used In Line Handling**

References Chapter 7, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time, ashore, at the dock, or afloat, Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, identify the different parts of a line and basic knots.

Completed

Performance Criteria

- _____ 1. Defined different types of line:
- a. Double braided
 - b. Regular lay
- _____ 2. Defined line material:
- a. Polypropylene
 - b. Nylon
 - c. Natural fiber
- _____ 3. Identified bitter end of line.
- _____ 4. Identified standing part of line.
- _____ 5. Made bight in the line.
- _____ 6. Made overhand loop in the line.
- _____ 7. Made underhand loop in the line.

Task BCM-03-01-AUX (Continued)

_____ 8. Made turn around an object.

_____ 9. Made round turn around an object.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-03-02-AUX

Task **Tie Various Knots, Hitches And Bends**

References Chapter 7, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must tie an assortment of knots, hitches and bends quickly and confidently. The bitter ends must be of sufficient length to preclude the knot from working loose. All knots, bends and hitches must hold fast under a strain.

Completed

Performance Criteria

- _____ 1. Tied a square (reef) knot.
- _____ 2. Tied a bowline in the end of a mooring line and around an object.
- _____ 3. Tied a round turn and two half hitches.
- _____ 4. Secured a line to a rail using a clove hitch.
- _____ 5. Attached heaving line to a towline using any one of the following: sheet (becket) bend, double sheet bend, snap hook, bowline, or clove hitch with two half hitches.
- _____ 6. Added length of mooring line to a towline using any of the above knots.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-03-03-AUX

Task **Secure Lines To Cleats, Bitts And Posts**

References Chapter 7, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, demonstrate the correct method for securing a line to cleats, bitts, and posts. Once the line is secured, it must not slip or jam, and must be easily slackened for casting off.

Completed

Performance Criteria

- _____ 1. Located all cleats on boat.
- _____ 2. Placed complete round turn around the base of the cleat.
- _____ 3. Led line over the top of the cleat and around the horns to form a figure eight.
- _____ 4. Secured additional figure eights until the line is secured.
- _____ 5. Fed eye of the line through the opening in the base of the cleat, (if applicable).
- _____ 6. Looped line back over horns and pulled taut, (if applicable).
- _____ 7. Placed eye of first mooring line over the cleat.
- _____ 8. Ran eye of second mooring line through the eye of the first.
- _____ 9. Placed eye of second mooring line over the cleat.
- _____ 10. Identified and located all bitts on boat, (if applicable).
- _____ 11. Made a complete turn around the near horn, (if applicable).

Task BCM-03-03-AUX (Continued)

- _____ 12. Made figure eights around both horns, (if applicable).
- _____ 13. Identified and located Sampson post(s) on boat, (if applicable).
- _____ 14. Made complete round turn around the base of the Sampson post, (if applicable).
- _____ 15. Made several figure eights around horns of the post, (if applicable).

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-03-04-AUX

Task **Assist The Coxswain With A Pre-Underway Check-Off Aboard An Auxiliary Facility**

References Chapter 1, and Appendix 1-C, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Chapter 2, Auxiliary Operations Policy Manual, COMDTINST M16798.3 (series)

Conditions Performed on board an Operational Auxiliary Facility. Trainee must accomplish task without prompting. A pre-underway check-off sheet may be used. A line diagram of the equipment location on the facility may be used.

Standards In response to the mentor, the trainee must conduct a Pre-Underway check-off for the facility to locate and check for proper operation, condition and stowage of required equipment. Routine mechanical, electrical and engine checks shall also be done. Check-off's should be performed using Appendix 1-C or an up to date prepared checklist for the facility that covers the specific performance criteria listed below.

Completed

Performance Criteria

- _____ 1. Verified appropriate Coast Guard Patrol Orders have been issued.
- _____ 2. Located and verified the proper operation, condition and stowage of the following equipment:
- a. Personal Floatation Device (PFD)
 - b. Fire Extinguishers
 - c. Visual Distress Signals
 - d. Anchor(s) and anchor line(s)
 - e. Dewatering device

Task BCM-03-04-AUX (Continued)

- f. Watch or clock
- g. Boarding ladder (or other means of boarding)
- h. Kicker/skiff hook (if required)
- i. Binoculars
- j. Blanket(s)
- k. Fenders
- l. Towline
- m. Bridle
- n. Heaving lines
- o. Mooring lines
- p. Searchlight
- q. Spare navigation light bulbs
- r. Boat hook
- s. Navigation lights
- t. Fathometer or Sounding pole
- u. Charts and navigation plotting instruments
- v. Tools and spare parts
- w. First aid kit
- x. Sound Producing Device

Task BCM-03-04-AUX (Continued)

y. Current Rules of the Road publication

_____ 3. Completed required mechanical, electrical and engine checks listed below:

- a. Oil level
- b. Water level
- c. Reduction gear oil level (if applicable)
- d. Fuel system and fuel shut off valves
- e. Ventilation system

_____ 4. Participated in crew briefing, including:

- a. Purpose of the mission
- b. Any special circumstances concerning the mission
- c. Working radio frequency to be used for the mission
- d. Expected weather and sea conditions
- e. Crewmembers in proper uniform and equipment, (PFD's, etc.)
- f. Confirmed crewmembers are physically capable to perform the mission
- g. Discussed Operational Risk Management and encouraged team coordination
- h. Discussed the policy on the wearing of jewelry. Crew is in compliance

_____ 5. Made the following preparations for getting underway:

- a. Secured all openings

Task BCM-03-04-AUX (Continued)

- b. Secured boat for sea (no loose gear)
- c. Displayed proper flags and signboards
- d. Opened sea suction
- e. Ventilated the engine compartment before starting engine(s)
- f. Started the engine(s)
- g. Engine/marine gear oil pressure satisfactory (if equipped)
- h. Checked cooling water overboard discharge
- i. Energized the electrical and electronic systems (bilge pumps, etc.)
- j. Engine/Marine gear oil pressure satisfactory (if equipped)
- k. Disconnected shore tie

_____ 6. Tested the following electronic equipment (if equipped):

- a. VHF-FM radio(s)
- b. Loudhailer
- c. Fathometer
- d. LORAN C/GPS/DGPS
- e. RADAR

_____ 7. Tested engine controls in forward and reverse with lines still attached to the dock, noted the reaction.

Accomplished **Mentor signature** _____ **Date** _____

Section D. Boat Handling

Introduction

The following are general objectives for Section D:

- **Demonstrate** ability to assist in anchoring evolutions.
 - **Demonstrate** the ability to participate in the common watches performed aboard Auxiliary facilities.
 - **Demonstrate** ability to perform line-handling duties.
-

In this section

This section contains nine tasks:

Task Number	Task	See Page
BCM-04-01-AUX	Assist In Anchoring The Boat	2-35
BCM-04-02-AUX	Assist In Weighing The Boats Anchor	2-36
BCM-04-03-AUX	Identify Common Navigation Lights Displayed By Ships And Boats	2-37
BCM-04-04-AUX	Identify Common Sound Signals Used By Ships And Boats	2-38
BCM-04-05-AUX	Identify And Describe Accepted Maritime Distress Signals	2-39
BCM-04-06-AUX	Stand A Lookout Watch	2-40
BCM-04-07-AUX	Act As A Helmsman And Steer A Compass Course	2-41
BCM-04-08-AUX	Cast Off And Stow Lines And Fenders	2-42
BCM-04-09-AUX	Prepare For, Moor And Secure Boat To A Dock	2-43

Name: _____

Task BCM-04-01-AUX

Task **Assist in Anchoring the Boat**

References Chapters 1 and 10, Boat Crew Seamanship Manual,
COMDTINST M16114.5 (series)

Conditions Performed at any time onboard an Auxiliary facility while anchoring the boat.
Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must demonstrate, in the proper sequence,
the correct method for handling the boat's ground tackle to anchor the boat.

Completed

Performance Criteria

- _____ 1. Crew briefing conducted and information received from coxswain.
- _____ 2. Line broken out and anchor attached, (if applicable).
- _____ 3. Anchor lowered over the side at coxswain's command.
- _____ 4. Anchor line payed out (veered), coxswain informed of the direction line
tending at all times.
- _____ 5. Anchor line secured and tied off at the coxswain's command.
- _____ 6. Explained how to apply chafing gear.
- _____ 7. Described the duties of the anchor watch.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-04-02-AUX

Task Assist in Weighing the Boat's Anchor

References Chapter 10, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time onboard an Auxiliary facility while weighing the boat's anchor. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must demonstrate, in proper sequence, the method for handling the boats ground tackle to weigh the boat's anchor.

Completed

Performance Criteria

- _____ 1. Crew brief conducted and hands signals established (if needed).
- _____ 2. Slack taken out of anchor line, (hand over hand method), as boat moves ahead. (Indicate direction line tends by hand signals to the coxswain).
- _____ 3. Signal to coxswain when the anchor line is tending vertical (up and down).
- _____ 4. Anchor broken free from bottom, (if anchor did not break free, snubbed anchor line to bitt/cleat while coxswain moved the boat ahead to break it free).
- _____ 5. Anchor determined to be clear, clean, and hauled aboard the boat.
- _____ 6. All ground tackle made up and stowed.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-04-03-AUX

Task **Identify Common Navigation Lights Displayed by Ships and Boats**

References Part C, Navigation Rules International-Inland, COMDTINST M16672.2 (series)

Conditions Performed at any time ashore, at the dock or afloat, naming the signals listed when presented with a picture or actual light by the mentor. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, identify verbally, the navigational light and/or rule listed below.

Completed

Performance Criteria

- _____ 1. Port sidelight.
- _____ 2. Starboard sidelight.
- _____ 3. Stern light.
- _____ 4. Masthead light.
- _____ 5. Anchor light.
- _____ 6. Small boat combination light.
- _____ 7. State when boats are required to display navigational lights.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-04-04-AUX

Task **Identify Common Sound Signals Used by Ships and Boats**

References Part D, Navigation Rules International-Inland, COMDTINST M16672.2 (series)

Conditions Performed at any time ashore, at the dock or afloat, naming the signals listed when presented with an imitated or actual sound signal by the mentor. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, identify verbally, the sound signals listed below.

Completed **Performance Criteria**

- _____ 1. Identified a short blast and stated its duration.
- _____ 2. Identified a prolonged blast and stated its duration.
- _____ 3. Identified the danger signal and stated when it is used.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-04-05-AUX

Task **Identify and Describe Accepted Maritime Distress Signals**

References Chapter 11, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Rule 37, Navigation Rules International-Inland,
COMDTINST M16672.2 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, identify and describe at least six of the seventeen accepted maritime distress signals.

Completed **Performance Criteria**

_____ 1. Named at least six of the 17 accepted maritime distress signals.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-04-06-AUX

Task **Stand a Lookout Watch**

References Chapter 1, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed while underway, by pointing and verbal identification of the range and relative bearing to objects. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the coxswain, the trainee must, without error, identify objects, state relative bearing and range. All reports must be repeated until the coxswain acknowledges the report.

Completed

Performance Criteria

- _____ 1. Identified buoys, fixed structures and other navigational aids.
- _____ 2. Identified at least four boats or other watercraft encountered.
- _____ 3. Identified deadheads or other floating hazards to navigation.
- _____ 4. Identified sound encountered (such as, whistles, bells, gongs, audio aids to navigation).
- _____ 5. Stated additional considerations for night lookout watches.
- _____ 6. Demonstrated the use of binoculars and scanning techniques.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-04-07-AUX

Task **Act as a Helmsman and Steer a Compass Course**

References Chapter 1, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed underway in calm conditions. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the coxswain's command, the trainee must repeat and perform various helm, throttle, and shift commands. All commands must be repeated, (in a loud clear voice), until acknowledged by the coxswain.

Completed

Performance Criteria

- _____ 1. Checked with coxswain for any special instructions and course to steer.
- _____ 2. Altered course, (at least 35 degrees), steadied up on the new course and maintained course within 5 degrees for a 10 minute staged run, (minor changes in heading to avoid debris and other objects in the water are acceptable).
- _____ 3. Monitored the engine(s) gauge(s), fathometer, and other electronic gear as needed.
- _____ 4. Responded to engine speed commands.
- _____ 5. Kept careful watch of the surrounding area.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-04-08-AUX

Task **Cast Off and Stow Lines and Fenders**

References Chapters 7 and 10, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed while getting underway in calm to moderate conditions. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the coxswain's command, the trainee must repeat and perform various line-handling commands. All commands must be repeated (in a loud clear voice) until acknowledged by the coxswain. After boat clears the dock, stow all lines and fenders.

Completed

Performance Criteria

- _____ 1. Acknowledged all commands.
- _____ 2. Cast off and retrieved the mooring line(s).
- _____ 3. Informed coxswain when lines were onboard.
- _____ 4. Retrieved all fenders, when directed by the coxswain.
- _____ 5. Coiled and stowed lines, (neat and accessible).
- _____ 6. Stowed fenders when directed by the coxswain.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-04-09-AUX

Task **Prepare for, Moor and Secure the Boat to Dock**

References Chapters 7 and 10, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time on board an Auxiliary facility. Trainee must accomplish task without prompting or use of a reference. The coxswain who will be maneuvering the boat should supervise trainee.

Standards In response to the mentor, the trainee must, under the direction of the coxswain of the boat, demonstrate the correct method for securing the boat to a dock using its mooring lines.

Completed

Performance Criteria

- _____ 1. Fenders properly spaced for height of dock or boat or pilings.
- _____ 2. Did not use hands or feet to fend off the dock.
- _____ 3. At the direction of the coxswain, secured lines to the proper dock cleat, post, or ring and tended them on the boat.
- _____ 4. Demonstrated how to dip a mooring line.
- _____ 5. At coxswain's command, made fast all lines to cleats, (posts or rings), adjusted all lines, and doubled up if required for expected tidal or weather conditions.

Accomplished **Mentor signature** _____ **Date** _____

Section E. Communications

Introduction

The following are general objectives for Section E:

- **Demonstrate** the ability to operate a VHF-FM radiotelephone.
 - **Demonstrate** the ability to use the radiotelephone to give a position or operations normal report.
-

In this section

This section contains two tasks:

Task Number	Task	See Page
BCM-05-01-AUX	Operate A VHF-FM Radiotelephone	2-45
BCM-05-02-AUX	Use The VHF-FM Radiotelephone To Give A Position Or Operations Normal Report	2-46

Name: _____

Task BCM-05-01-AUX

Task **Operate a VHF-FM Radiotelephone**

References Manufacturer's Operators Manual

Conditions Performed at any time aboard an Auxiliary facility. Trainee must accomplish task without prompting. Use of references is allowed.

Standards In response to the mentor, the trainee must, identify the different operating parts of the radio, and operate the controls.

Completed **Performance Criteria**

- _____ 1. Identified on/off switch and radio turned on.
- _____ 2. Identified channel selection switch/button and selected channel.
- _____ 3. Identified and adjusted volume and squelch controls.
- _____ 4. Identified microphone and operating button and demonstrated operation (transmission light observed).
- _____ 5. Identified high/low power switch and explained its use.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-05-02-AUX

Task **Use the VHF-FM Radiotelephone to Give a Position or Ops Normal Report**

References Chapter 11, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time underway or at the dock. Message to be sent should be composed by the trainee and the mentor prior to the beginning of the task. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must transmit message traffic using proper radiotelephone procedures, including prowords, and phonetic alphabet.

Completed

Performance Criteria

- _____ 1. Demonstrated proper radiotelephone procedures.
- _____ 2. Transmitted an “Underway” or “Assuming Patrol Status” report in accordance with local Coast Guard procedures.
- _____ 3. Transmitted hourly “ Operations Normal”, or other required reports.
- _____ 4. Transmitted a “Request Permission to Secure Patrol.”
- _____ 5. Transmitted other official traffic as directed by the coxswain.

Accomplished **Mentor signature** _____ **Date** _____

Section F. Navigation

Introduction

The following are general objectives for Section F:

- **Demonstrate** the use of a nautical chart.
 - **Demonstrate** the ability to identify navigation and general landmark symbols on a nautical chart.
 - **Demonstrate** the ability to plan a voyage by laying down a trackline across safe water and through marked channels.
 - **Demonstrate** the ability to take a fix and plot a position on a chart.
 - **Demonstrate** ability to calculate actual speed of vessel, determine amount of water beneath keel, and recommend adjustments to vessel's course and speed to match voyage plan.
-

In this section

This section contains eight tasks:

Task Number	Task	See Page
BCM-06-01-AUX	Identify The Basic Parts, Symbols And Abbreviations Found On A Nautical Chart	2-48
BCM-06-02-AUX	Identify Common Aids To Navigation Used In Small Boat Piloting	2-50
BCM-06-03-AUX	Identify Local Landmarks Used In Piloting	2-51
BCM-06-04-AUX	Plot A Position Using Latitude And Longitude (Optional)	2-52
BCM-06-05-AUX	Plot A Magnetic Course On A Nautical Chart (Optional)	2-53
BCM-06-06-AUX	Measure Distance On A Nautical Chart (Optional)	2-54
BCM-06-07-AUX	Compute Time, Speed And Distance (Optional)	2-55
BCM-06-08-AUX	Determine The Depth Of Water Using A Fathometer And/Or Sounding Pole	2-56

Name: _____

Task BCM-06-01-AUX

Task **Identify the Basic Parts, Symbols and Abbreviations Found on a Nautical Chart**

References Chapter 14, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Chart No.1, Nautical Chart Symbols, Abbreviations and Terms

Conditions Performed at any time ashore, at the dock or afloat, using a nautical chart of the local operating area. Trainee must accomplish task without prompting. Use of a reference is allowed.

Standards In response to the mentor, the trainee must identify the basic parts, symbols, and abbreviations found on a chart of the local operating area.

Completed

Performance Criteria

- _____ 1. Identified the longitude scale.
- _____ 2. Identified the latitude scale.
- _____ 3. Identified horizontal and vertical clearances of overhead bridges and cables.
- _____ 4. Identified one nautical mile using the latitude scale.
- _____ 5. Identified sounding numbers (feet/fathoms).
- _____ 6. Identified depth curves (contours).
- _____ 7. Identified the general information block.
- _____ 8. Identified the scale of a chart.
- _____ 9. Identified the latitude and longitude in minutes or seconds.
- _____ 10. Identified different colors and stated meaning of each.

Task BCM-06-01-AUX (Continued)

- _____ 11. Identified the miles and yards scale.
- _____ 12. Identified aids to navigation.
- _____ 13. Identified the symbol for prominent local landmarks.
- _____ 14. Identified the compass rose and indicated the purpose of each of its prominent parts.
- _____ 15. Identified the symbol for a wreck, rock, or other submerged object.
- _____ 16. Identified latest changes to the chart determined by Notice to Mariners and Local Notice to Mariners.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-06-02-AUX

Task **Identify Common Aids to Navigation Used in Small Boat Piloting**

References Chapters 13 and 14, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed while underway, using a nautical chart of the local operating area. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must identify and point out common aids to navigation used in small boat piloting. Trainee must, correctly identify on the chart those objects pointed out. Trainee must discuss each aid to navigation listed below even if not in the local area.

Completed

Performance Criteria

- _____ 1. Identified a nun and a can buoy.
- _____ 2. Identified a preferred channel (junction) buoy and stated its purpose.
- _____ 3. Identified a day beacon.
- _____ 4. Identified an ICW buoy and stated its markings. (If applicable)
- _____ 5. Identified ranges and stated their purpose.
- _____ 6. While underway, identified by type, number, and characteristic, the primary aids to navigation used in the local area of operations.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-06-03-AUX

Task **Identify Local Landmarks Used in Piloting on a Nautical Chart**

References Chapter 14, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed while underway, using a nautical chart of the local operating area.
Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must point out prominent landmarks.
Trainee must, correctly identify on the chart those objects pointed out.

Completed

Performance Criteria

- _____ 1. Identified major piers and docks in local operating area.
- _____ 2. Identified any prominent submerged or partially submerged object in the local operating area, (such as rocks, wrecks, etc.).
- _____ 3. Identified prominent navigational landmarks in the local operating area (such as antennas, towers, buildings, etc.).
- _____ 4. Identified prominent buildings and structures used as navigational landmarks in the local operating area.
- _____ 5. Identified all prominent landmarks in the local operating area.
- _____ 6. Identified all bridges and their types in the local operating area.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-06-04-AUX

Task **Plot a Position Using Latitude and Longitude (Optional)**

References Chapter 14, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Given a nautical chart of the local operating area and three sets of coordinates, (positions), expressed in longitude and latitude, from the mentor, trainee must plot the three positions without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, plot the positions indicated by the coordinates.

Completed **Performance Criteria**

_____ 1. Correctly plotted three different positions on the chart.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-06-05-AUX

Task **Plot a Magnetic Course on a Nautical Chart (Optional)**

References Chapter 14, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Given a nautical chart of the local operating area and the three positions in task BCM-06-04-AUX, the trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error, plot the courses within six minutes.

Completed

Performance Criteria

- _____ 1. Course from point A to point B _____ degrees M.
- _____ 2. Course from point B to point C _____ degrees M.
- _____ 3. Course from point C to point A _____ degrees M.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-06-06-AUX

Task **Measure Distance on a Nautical Chart (Optional)**

References Chapter 14, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Given a nautical chart of the local area, the three positions plotted on the chart, in Tasks BCM-06-04-AUX and BCM-06-05-AUX, (designated A through C). All distances must be measured using nautical miles or yards as indicated by the task steps. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must measure the distance indicated in the task steps within three minutes. Distance should be accurate to within 100 yards.

Completed

Performance Criteria

- _____ 1. Distance from A to B is _____ nautical miles.
- _____ 2. Distance from B to C is _____ yards.
- _____ 3. Distance from C to A is _____ nautical miles.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-06-07-AUX

Task **Compute Time, Speed and Distance (Optional)**

References Chapter 14, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Use a nautical chart of the local area, a nautical slide rule and the positions, courses and distances calculated in tasks BCM-06-04-AUX through BCM-06-06-AUX. The nautical slide rule **may not** be used for steps 1 and 5. Trainee must accomplish task without prompting or use of a reference. All answers should be given to the nearest tenth of an hour, knots, or nautical mile as indicated in the steps. Trainee must accomplish tasks without prompting or use of a reference

Standards In response to the mentor, the trainee must, without error, calculate the answer indicated for each step within six minutes.

Completed

Performance Criteria

- _____ 1. Calculated the time, in hours, a boat traveling at a speed of 8 knots would take to get from point A to point B.
- _____ 2. Calculated the speed, in knots, a boat would have to make to get from point B to point C in 30 minutes.
- _____ 3. Calculated the speed, in knots, a boat would have to make to get from point C to point A in 2 hours.
- _____ 4. Calculated the speed, in knots, a boat would have to make to travel 200 yards in 3 minutes.
- _____ 5. Calculated the distance, in nautical miles, a boat would travel in 2.4 hours at a speed of 12 knots.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-06-08-AUX

Task **Determine the Depth of Water Using a Fathometer and/or Sounding Pole**

References Chapter 14, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Manufacturers Operators Manual

Conditions Performed anytime underway, in calm weather conditions, onboard an Auxiliary facility. Demonstration should be done in an area that is known to have accurate charted soundings. Trainee must accomplish task without prompting or use of a reference. When operating in shallow water a sounding pole may be used.

Standards In response to the mentor, the trainee must, identify different parts of the fathometer. Soundings should be within 10% (allowing for range of tide) of the charted depth when working in water under thirty feet.

Completed

Performance Criteria

- _____ 1. Fathometer turned on and adjusted.
- _____ 2. Fathometer placed on appropriate range, (Feet, Fathoms, or Meters).
- _____ 3. Readings taken in three different positions, (mentor should fix position and verify readings).
- _____ 4. Discussed relationship of the transducer's location on the boat to the actual depth of water.
- _____ 5. Conducted two soundings with a sounding pole (if applicable).

Accomplished **Mentor signature** _____ **Date** _____

Section G. Mission Oriented Operations

Introduction

The following are general objectives for Section G:

- **Demonstrate** actions to take during a Man Overboard emergency.
 - **Demonstrate** procedures to signal an emergency.
 - **Demonstrate** procedures for helo hoist operation.
 - **Demonstrate** procedures for towing astern and alongside.
 - **Demonstrate** procedures for dewatering another vessel.
 - **Demonstrate** procedures to combat a fire onboard own vessel or another vessel.
-

In this section

This section contains thirteen tasks:

Task Number	Task	See Page
BCM-07-01-AUX	Participate In A Man Overboard Evolution As A Pointer	2-59
BCM-07-02-AUX	Participate In A Man Overboard Evolution As A Recovery/Pick-Up Man	2-60
BCM-07-03-AUX	Participate In A Basket Hoist (Optional)	2-61
BCM-07-04-AUX	Bend A Heaving Line To A Bridle And Pass The Heaving Line To Another Boat	2-63
BCM-07-05-AUX	Pass A Towline (Bridle) To Another Boat And Take In Stern Tow	2-64
BCM-07-06-AUX	Stand A Towing Watch	2-65
BCM-07-07-AUX	Connect A Towline To A Trailer Eye Bolt Using A Kicker/Skiff Hook	2-67
BCM-07-08-AUX	Take A Boat In Alongside Tow (Waiverable by DIRAUX)	2-68
BCM-07-09-AUX	Prepare A Portable Pump For Operations And Obtain Suction (Optional)	2-70
BCM-07-10-AUX	Identify The Different Classes Of Fires And State The Fuel And Primary Extinguishing Agents Associated With Each	2-72
BCM-07-11-AUX	Locate And Operate The Boat's Dewatering Equipment	2-73
BCM-07-12-AUX	Operate A CO2 Fire Extinguisher (Simulate)	2-74

Continued on next page

In this section
(Continued)

Task Number	Task	See Page
BCM-07-13-AUX	Operate A Dry Chemical Fire Extinguisher (Simulate)	2-75

Name: _____

Task BCM-07-01-AUX

Task **Participate in a Man Overboard Evolution as a Pointer**

References Chapter 16, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed during daylight in calm sea conditions, while underway on an Auxiliary facility. **Under no circumstances will any person enter the water to simulate a victim.** The use of a fender, floating device, or a life-like dummy, (“Oscar”), is recommended. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must perform the task steps without hesitation.

Completed

Performance Criteria

- _____ 1. Seeing a person fall overboard sounded the alarm (“MAN OVERBOARD PORT/STARBOARD SIDE”).
- _____ 2. Kept PIW continuously in sight.
- _____ 3. Kept Coxswain informed of the PIW’s position, both vocally and by pointing.
- _____ 4. On command from the Coxswain, moved to assist with the pickup of the PIW.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-02-AUX

Task **Participate in a Man Overboard Evolution as a Recovery/Pickup Man**

References Chapter 16, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed during daylight in calm sea conditions, while underway on an Auxiliary Facility. **Under no circumstances will any person enter the water to simulate a victim.** The use of a fender, floating device, or a life-like dummy, (“Oscar”), is recommended. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must move to his/her correct station and perform the task steps without hesitation.

Completed

Performance Criteria

- _____ 1. Hearing the alarm of a Man Overboard, (“MAN OVERBOARD PORT/STARBOARD SIDE”). Proceeded immediately to assigned position (should be lowest point of free board away from screws).
- _____ 2. Prepared rescue heaving line, or other floatable retrieving device, if PIW is conscious.
- _____ 3. On command, threw rescue heaving line, or other floatable retrieving device to PIW.
- _____ 4. Simulated pulling PIW along side the boat.
- _____ 5. Simulated pulling the PIW aboard using a personal retrieval line, or other means (swim ladder, sailboat headsail, etc.).

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-03-AUX

Task **Participate in a Basket Hoist (Optional)**

References Chapter 19, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore or underway, during daylight in fair weather conditions. If possible, the facility should coordinate with the local Coast Guard unit an actual lift during a scheduled helicopter ops-training session. All crewmembers should wear helmets, PFD's or anti-exposure coveralls and goggles. Basket and/or line must not become entangled or otherwise attached to the boat at any time. The basket must be grounded to the boat before the crewmember handles it. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, demonstrate or describe during a walk through, the following concerns during helicopter hoisting operations.

Completed

Performance Criteria

- _____ 1. Described the causes of static electricity build up on helicopter hoisting cables and rescue devices.
- _____ 2. Demonstrated or described safety requirements.
- _____ 3. Demonstrated or explained the use of the trail line and the situations where its use would be required.
- _____ 4. Secured all loose gear, (hatch covers, canvas covers, seat cushions, and anything else that may fly). Lowered boat's antennas and outriggers before operations.
- _____ 5. Explained or hauled in trail line using hand over hand method, keeping a steady strain on the line.
- _____ 6. Demonstrated or explained grounding of the basket/stokes litter to the deck and the use of a "Deadman Stick".

Task BCM-07-03-AUX (Continued)

- _____ 7. Placed or described placing a person to be hoisted in the basket, (properly wearing a PFD), and directed them to keep limbs inside the basket.
- _____ 8. Demonstrated or described reattaching rescue device to helicopter's rescue hook, which is connected to the hoisting cable.
- _____ 9. Demonstrated giving the " thumbs up " sign to the helicopter when ready to hoist.
- _____ 10. Demonstrated or described tending trail line hand over hand while basket is lifted from the boat by the helicopter. **DID NOT THROW WEIGHTED END OF TRAIL LINE.**

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-04-AUX

Task **Bend a Heaving Line to a Bridle and Pass the Heaving Line to Another Boat**

References Chapter 17, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time underway on an Auxiliary facility. Heaving line should be at least 75 feet long. The target boat must be at least 20 feet away at the time of the toss. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must pass the heaving line to the target boat, in accordance with steps listed below. Two throws must be successfully completed. The heaving line should pass over the target boat, and not hit it.

Completed

Performance Criteria

- _____ 1. Heaving line wetted down to relieve stiffness.
- _____ 2. Heaving line bent onto a bridle, or towline using a bowline or a clove hitch with two half hitches, small carbiner or snap hook.
- _____ 3. Heaving line made into a tight coil, two thirds of coil taken into casting hand.
- _____ 4. People on other boat instructed to take cover.
- _____ 5. Heaving line thrown, on command, over the disabled boat and tended.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-05-AUX

Task **Pass a Towline (Bridle) to Another Boat and Take in Stern Tow**

References Chapter 17, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time underway on an Auxiliary facility while taking another boat in tow. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must in accordance with the procedures listed below, perform all line handling related to passing a towline. All commands by the coxswain must be confirmed by repeating the command, and must be stated, in a loud and clear voice to the coxswain, when accomplished.

Completed

Performance Criteria

- _____ 1. Passed the towline to the disabled boat (a heaving line may or may not be used).
- _____ 2. Tended towline while people on disabled boat made attachment.
- _____ 3. Tended towline away from propellers, made fast to towing bitt or cleats (if not already secured), and paid out towline until proper catenary is obtained as directed.
- _____ 4. Rigged chafing gear where needed and at the command of the coxswain.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-06-AUX

Task **Stand a Towing Watch**

References Chapters 1 and 17, Boat Crew Seamanship Manual,
COMDTINST M16114.5 (series)

Conditions Performed at any time underway on an Auxiliary facility while taking another boat in tow. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must state and demonstrate how to stand a towing watch in accordance with the guidelines listed below.

Completed

Performance Criteria

- _____ 1. Stated predetermined danger signals/emergency communications for towed boat.
- _____ 2. Stated signs of danger to watch for during a stern tow. (Towed boat's yawing, jerking, strain on the towline, shockloading, or too taut or slack, etc.)
- _____ 3. Kept both the towline and towed boat under constant observation.
- _____ 4. Kept chafing gear riding in place.
- _____ 5. Identified tow as in or out of step and proper catenary maintained.
- _____ 6. Reported important developments to the coxswain, in a loud clear voice, and continued reporting until receiving confirmation from the coxswain.
- _____ 7. Kept deck, (snapback danger area), clear of all unnecessary lines, gear and personnel.

Task BCM-07-06-AUX (Continued)

8. Adjusted towline at Coxswain's command.

_____ 9. Maintained tow watch until properly relieved or until tow terminated.

_____ **Mentor signature** _____ **Date** _____

Accomplished

Name: _____

Task BCM-07-07-AUX

Task **Connect a Towline to a Trailer Eye Bolt Using a Shackle or Kicker/Skiff Hook**

References Chapter 17, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed underway on an Auxiliary facility in calm sea conditions, while taking another boat in tow. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, in accordance with the procedures listed below, perform all line handling related to connecting a towline to a boat's trailer eyebolt. All commands by the coxswain must be confirmed by repeating the command and must be stated, in a loud and clear voice to the coxswain, when accomplished.

Completed

Performance Criteria.

- _____ 1. Prepared towline with kicker/skiff hook assembly or shackle attached.
- _____ 2. Connected towline to trailer eyebolt using kicker/skiff hook assembly or shackle while disabled boat is off either quarter. (If a shackle is used, the shackle pin should be moused.)
- _____ 3. Tended towline, made fast to towing bitt or cleats (if not already secured), and towline paid out until proper catenary is obtained or as directed by coxswain.
- _____ 4. Kept coxswain informed how the towline was tending and kept excess slack out of the water.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-08-AUX

Task **Take a Boat in Alongside Tow**

References Chapter 17, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed underway on an Auxiliary facility in calm sea conditions while transferring a boat from a stern tow to an alongside tow or free approach. Trainee must accomplish task without prompting or use of a reference. This optional task should be done only in areas where alongside tows are safe, practical, and/or a normal mission requirement.

Standards In response to the Coxswain, the trainee must, without prompting, correctly tend and secure the towline and sidelines in accordance with the procedures listed below. The eye end of the alongside towlines should be passed to the boat being towed and direction given for its placement to persons on board the disabled boat.

NOTE: May be waived by the Director in accordance with Section 1.B.4.

Completed

Performance Criteria

- _____ 1. Participated in crew brief for alongside towing operations discussed: duties, type of towing approach, attachment points for towlines (both disabled vessel and the Auxiliary Facility), verbal commands and/or hand signals to be used, and any safety concerns.
- _____ 2. Fenders rigged on the side where tow will be secured and walking fender ready for use.
- _____ 3. Identified the following lines and made them ready for alongside tow:
- a. Number 1 line (Bowline)
 - b. Number 2 line (Forward Spring Line or Towing Strap)
 - c. Number 3 line (Aft Spring Line or Backing Line)
 - d. Number 4 line (Stern Line).

Task BCM-07-08-AUX (Continued)

- _____ 4. Used walking fenders as needed, did not use hands or feet to fend off.
- _____ 5. Passed and handled alongside lines as directed by Coxswain.
- _____ 6. Made off alongside lines with round turn and at least 2 figure eights on the designated cleat and stood by to adjust lines as directed by Coxswain.
- _____ 7. Repeated and executed all commands, and made reports as all line-handling evolutions were complete. (Continued to repeat completed reports until acknowledged by the Coxswain).
- _____ 8. All lines adjusted and secured at Coxswain's direction.
- _____ 9. Stood alongside tow watch in accordance with Task BMC 07-07-AUX.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-09-AUX

Task **Prepare a Portable Pump for Operation; Start and Obtain Suction (Optional)**

References Chapter 18, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference. Use of a CG-P1 or CG-P5 pump to complete this task is preferred, if available.

Standards In response to the mentor, the trainee must, without error, prepare the pump and put it into operation in accordance with the procedures listed below. The pump must take suction in order for this task to be considered successful.

Completed

Performance Criteria

- _____ 1. Pump can opened and pump removed.
- _____ 2. Checked oil and fuel tank.
- _____ 3. Fuel tank mounted and connected.
- _____ 4. Discharge hose connected and unrolled.
- _____ 5. Suction hose connected.
- _____ 6. Suction hose strainer placed in water.
- _____ 7. Pump primed.
- _____ 8. Pump engine started within 6 pulls.

Task BCM-07-09-AUX (Continued)

_____ 9. Suction taken and water discharged from the pump.

_____ 10. Pump drained, flushed with fresh water, refueled and secured.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-10-AUX

Task **Identify the Different Classes of Fires; State the Fuel and Primary Extinguishing Agents Associated with Each**

References Chapter 18, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must, without error state the answer called for in the steps below.

Completed

Performance Criteria

_____ 1. Stated most common fuels for a Class A fire, and the primary extinguishing agent for use on a Class A fire.

_____ 2. Stated most common fuels for a Class B fire, and the primary extinguishing agent for use on a Class B fire.

_____ 3. Stated most common fuels for a Class C fire, and the primary extinguishing agent for use on a Class C fire.

_____ 4. Stated most common fuels for a Class D fire, and the primary agent used to contain a Class D fire.

_____ 5. Explained the safety precautions that must be used when using CO₂ and Halon.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-11-AUX

Task **Locate and Operate Boat's Dewatering Equipment**

References Auxiliary Facility Pre-Underway check-off list and/or diagram
Manufacturer's Operating Instructions

Conditions Performed onboard an Auxiliary facility. Dewatering equipment should be listed on the facility's pre-underway check-off sheet and/or displayed on the facility's diagram. Trainee must accomplish task without prompting. Use of a reference is permitted.

Standards In response to the mentor, the trainee must, locate, set up and operate the boat's dewatering equipment (gasoline-powered pump, high capacity, manual or electric bailing pump). Demonstrating proficiency with a simple bailing bucket will be sufficient for passing this task.

Completed

Performance Criteria

- _____ 1. Located dewatering pump.
- _____ 2. Correctly set up dewatering pump.
- _____ 3. Monitored pump and all hoses while dewatering.
- _____ 4. Pump drained, flushed, fueled, (as applicable), and secured after use.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-12-AUX

Task **Operate a CO₂ Fire Extinguisher (Simulate)**

References Chapter 18, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Fire extinguisher's operating instructions

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must demonstrate the use of a CO₂ fire extinguisher in accordance with the guidelines below and the extinguisher's operating instructions.

Completed

Performance Criteria

- _____ 1. Demonstrated carrying fire extinguisher in upright position.
- _____ 2. Identified the lock pin and explained its removal from the valve.
- _____ 3. Demonstrated approaching the simulated fire from the windward side.
- _____ 4. Demonstrated pointing extinguisher's nozzle (horn) at base of the simulated fire location.
- _____ 5. Explained discharge procedures.
- _____ 6. Demonstrated putting out the simulated fire while sweeping the fire with the extinguishing agent.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-07-13-AUX

Task **Operate a Dry Chemical Fire Extinguisher (Simulate)**

References Chapter 18, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Fire extinguisher's operating instructions

Conditions Performed at any time ashore, at the dock, or afloat. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the mentor, the trainee must demonstrate the use of a Dry Chemical fire extinguisher in accordance with the guidelines below and the extinguishers operating instructions.

Completed

Performance Criteria

- _____ 1. Identified the safety pin.
- _____ 2. Explained how puncture lever is activated, and why this is done.
- _____ 3. Demonstrated approaching the simulated fire from the windward side.
- _____ 4. Remained at least 8 feet from the fire.
- _____ 5. Extinguisher pointed at base of fire, discharge procedure explained while sweeping the fire with the extinguishing agent.

Accomplished **Mentor signature** _____ **Date** _____

Section H. Auxiliary Specific Tasks

Introduction

The following are general objectives for Section H:

- **Demonstrate** ability to perform duties of an Auxiliary facility crew member
-

In this section

This section contains three tasks:

Task Number	Task	See Page
BCM-08-01-AUX	Basic Knowledge Of Boating Skills	2-77
BCM-08-02-AUX	Perform As A Crew Member During A Night Navigation And Piloting Exercise (Waiverable by DIRAUX)	2-78
BCM-08-03-AUX	Dockside Oral Examination	2-80
BCM-08-04-AUX	Underway Check Ride	2-82

Name: _____

Task BCM-08-01-AUX

Task **Basic Knowledge of Boating Skills**

References Chapter 3, Auxiliary Boat Crew Training Manual, COMDTINST M16794.51 (series)

Conditions Auxiliary member must complete the requirement prior to entering the Auxiliary boat crew qualification program.

Standards Auxiliary members must show proof of having satisfactorily completed one of the following prerequisites for basic knowledge of boating skills.

Completed

Performance Criteria

- _____ 1. Completed the Auxiliary Boating Skills and Seamanship (BS&S) course, or
- _____ 2. Completed the Sailing Fundamentals (SF) course, or
- _____ 3. Completed the Sailing and Seamanship (S&S) course, or
- _____ 4. Completed the Boating Safely (BSC) course, or
- _____ 5. Completed the U.S. Power Squadron's basic boating course, or
- _____ 6. Challenged and passed the closed book exam for one of the above courses.

Accomplished **QE's signature** _____ **Date** _____

Name: _____

Task BCM-08-02-AUX

Task **Perform as a Crew Member During a Night Navigation and Piloting Exercise**

References Chapter 14, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)

Conditions Performed at the dock and underway in calm conditions on a clear night. The trainee must perform crew member duties and assist the coxswain, using available equipment to integrate information and safely navigate the facility. All chart work, including courses, distances, time to run and electronics set up shall be completed prior to getting underway. Trainee must accomplish task without prompting or use of a reference.

Standards After receiving a position, (given by the mentor), the trainee should assist the coxswain in plotting a course and determining an ETA, then perform the duties of a crew member during a piloting exercise.

NOTE: May be waived by the Director in accordance with Section 1.B.4.

Completed

Performance Criteria

- _____ 1. Assisted in obtaining a compass course laid out on the chart indicating predicted turns, and ETA.
- _____ 2. Participated in a pre-underway check off.
- _____ 3. Participated in a pre-underway brief.
- _____ 4. Properly donned PFD and demonstrated an understanding of the use of personnel survival equipment. Tested electronic PMLs.
- _____ 5. Made preparations for getting underway in accordance with coxswain's instructions.
- _____ 6. Efficiently and safely handled lines and communicated effectively with the coxswain and other crewmembers while getting underway.

Task BCM-08-02-AUX (Continued)

- _____ 7. Assisted the coxswain in piloting the facility by dead reckoning and “Seaman’s Eye.” Considered and adjusted for the effects of:
- a. Tide
 - b. Currents
 - c. Wind and sea conditions
 - d. Navigation hazards
- _____ 8. Used manual and electronic navigation equipment, (if trained), to assist the coxswain to determine facility’s position.
- _____ 9. Performed the following crewmember duties:
- a. Lookout
 - b. Helm watch
 - c. Assist with navigation
 - d. Radio communications
 - e. Other duties as directed
- _____ 10. Effectively used risk management and team coordination with crewmembers.

Accomplished **Mentor signature** _____ **Date** _____

Name: _____

Task BCM-08-03-AUX

Task **Dockside Oral Examination**

References Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Auxiliary Boat Crew Training Manual, COMDTINST M16794.51 (series)
Auxiliary Operations Policy Manual, COMDTINST M16798.3 (series)
District SOPs, Policy Manuals, and other local Instructions

Conditions Performed ashore or aboard a moored facility. Trainee must accomplish task without prompting or use of a reference.

Standards The trainee must successfully demonstrate knowledge of qualification tasks selected by the QE. The QE will select at least one task from each section (A- G) of the Qualification Guide, plus at least three tasks of the QE's choice, as outlined by the performance criteria below. The QE may ask additional questions based on tasks to ensure that the trainee is fully ready to be qualified.

Completed

Performance Criteria

- _____ 1. Section A, BCM-01-____-AUX
- _____ 2. Section B, BCM-02-____-AUX
- _____ 3. Section C, BCM-03-____-AUX
- _____ 4. Section D, BCM-04-____-AUX
- _____ 5. Section E, BCM-05-____-AUX
- _____ 6. Section F, BCM-06-____-AUX
- _____ 7. Section G, BCM-07-____-AUX
- _____ 8. BCM-____-____-AUX

Task BCM-08-03-AUX (Continued)

_____ 9. BCM-____-____-AUX

_____ 10. BCM-____-____-AUX

Accomplished **QE's signature**_____ **Date**_____

QE's signature_____ **Date**_____

Comments:

Name: _____

Task BCM-08-04-AUX

Task **Underway Check Ride**

References Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)
Auxiliary Boat Crew Training Manual, COMDTINST M16794.51 (series)
Auxiliary Operations Policy Manual, COMDTINST M16798.3 (series)
District SOPs, Policy Manuals, and other local Instructions

Conditions Performed underway on an Auxiliary Facility in calm sea conditions. Trainee must accomplish task without prompting or use of a reference.

Standards In response to the QE and as directed by the coxswain, trainee must answer questions on, and perform the below listed evolutions as the crewmember.

NOTE: The QE may add tasks to the performance criteria if he/she feels it necessary to evaluate a trainee's readiness for qualification. The addition of any tasks will be reported to Commandant (G-OCX-2) via the Director of Auxiliary for possible inclusion in future revisions of the program.

Completed

Performance Criteria

- _____ 1. Assisted coxswain with a pre-underway check-off.
- _____ 2. Participated in a pre-underway brief.
- _____ 3. Correctly donned a PFD and demonstrated an understanding of the use of personnel survival equipment.
- _____ 4. Efficiently and safely handled mooring lines while getting underway and secured the boat for sea.
- _____ 5. Stood an alert helm watch, with the correct responses to the coxswain's commands.
- _____ 6. Stood an alert lookout watch, correctly reporting distance and relative bearings of objects and sounds encountered.

Task BCM-08-04-AUX (Continued)

- _____ 7. Correctly responded to and acted as a pointer in a Man Overboard drill.

- _____ 8. Correctly responded to and acted as a recovery/pickup man in a Man Overboard drill.

- _____ 9. Demonstrated proficiency and safety while performing duties during a stern tow and a towing watch.

- _____ 10. Demonstrated proficiency and safety while performing duties during an alongside tow (optional).

- _____ 11. Demonstrated proficiency in knot tying and line handling.

- _____ 12. Demonstrated proficiency in anchoring and weighing anchor.

- _____ 13. Assisted the coxswain with the safe navigation, identifying aids to navigation and local landmarks encountered on a chart of the operating area.

- _____ 14. Correctly made a scheduled Position and Ops Normal report, on the facility's VHF-FM radiotelephone.

- _____ 15. Efficiently and safely positioned fenders and handled mooring lines while the boat moored.

- _____ 16. Satisfactorily answered QEs questions on policies and procedures. Questions should pertain to knowledge required by the above qualification tasks.

Accomplished **QE's signature** _____ **Date** _____

QE's signature _____ **Date** _____

Comments

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CHAPTER 3 AUXILIARY CREW MEMBER STUDY GUIDE

OVERVIEW

Introduction

The crew member candidate should read the appropriate reading assignment and answer the related questions prior to beginning training in each new task. The mentor should then discuss the candidate's answers to ensure understanding of the subject matter prior to beginning instruction for each new task.

In this section

This chapter contains eight sections.

Section	Title	See Page
A	Reading Assignment	3-2
B	Reading Assignment	3-5
C	Reading Assignment	3-16
D	Reading Assignment	3-19
E	Reading Assignment	3-26
F	Reading Assignment	3-29
G	Reading Assignment	3-36
H	Reading Assignment	3-45

NAME: _____

Section A. Reading Assignments – Crew Efficiency Factors, Risk Factors and Team Coordination

Overview

Introduction

The related reading assignment(s) should be read prior to beginning instruction of each task.

In this section

This section contains the following reading assignments

Task Number	Reading Assignment	See Page
BCM-01-01-AUX	<ul style="list-style-type: none">Chapter 3, Section B, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)	3-9
BCM-01-02-AUX	<ul style="list-style-type: none">Chapter 3, Section H, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)	3-29
BCM-01-03-AUX	<ul style="list-style-type: none">None assigned	

NAME: _____

TASK BCM-01-01-AUX: Crew Fatigue

1. Mental and physical fatigue are among the _____ during rough weather operations.
 2. The primary symptoms of fatigue are: (list three)
 -
 -
 -
 3. Some preventive measures are: (list three)
 -
 -
 -
 4. Some other environmental conditions that also promote fatigue are: (list two)
 -
 -
-

NAME: _____

TASK BCM-01-02-AUX: Sun And Heat Related Factors

1. Continuous exposure to the sun can cause _____ and _____ such as _____.
 2. For additional information on heat related injuries, refer to COMDTPUB _____.
 3. Personnel, who are not accustomed to strenuous physical activity in hot and humid environments, are _____ to heat injuries. _____ contributes to this susceptibility.
 4. Many synthetic fabrics reduce the _____ and _____ of sweat needed to achieve optimum heat loss by _____.
 5. Clothing and equipment should be worn so that there is _____ between the uniform and the body surface.
 6. Cumulative fatigue may develop _____.
 7. The body needs water only in quantities sufficient to prevent _____ and _____ imbalances that result from _____. Under conditions of profuse sweating, each person will require _____ or more of fluid intake per _____.
 8. The average diet provides from _____ to _____ grams of salt daily. This amount of salt is adequate for the prevention of most heat related illnesses.
-

NAME: _____

Section B. Reading Assignments – Physical Fitness, First Aid and Survival

Overview

Introduction

The related reading assignment(s) should be read prior to beginning instruction of each task.

In this section

This section contains the following reading assignments.

Task Number	Reading Assignment	See Page
BCM-02-01-AUX	<ul style="list-style-type: none"> None assigned 	
BCM-02-02-AUX	<ul style="list-style-type: none"> Chapter 5, Section A, Boat Crew Seamanship Manual, COMDTINST M16114.5 (Series) 	5-4
BCM-02-03-AUX	<ul style="list-style-type: none"> Chapter 5, Section B, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	5-7
BCM-02-04-AUX	<ul style="list-style-type: none"> Chapter 5, Section B, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	5-12
BCM-02-05-AUX	<ul style="list-style-type: none"> Chapter 5, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	5-23
BCM-02-06-AUX	<ul style="list-style-type: none"> Chapter 5, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	5-23

NAME: _____

Task Number	Reading Assignment	See Page
BCM-02-07-AUX	<ul style="list-style-type: none"> Chapter 5 Section E and Chapter 16, Section B, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	5-23 16-33
BCM-02-08-AUX	<ul style="list-style-type: none"> Chapter 6, Section B and Chapter 16, Section B, Boat Crew Seamanship Manual, COMDTINST M16114.5. (series) 	6-17 16-33
BCM-02-09-AUX	<ul style="list-style-type: none"> Chapter 4, Paragraph F.12, Auxiliary Operations Policy Manual, COMDTINST M16798.3 (series) Chapter 6, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	4-20 6-29
BCM-02-10-AUX	<ul style="list-style-type: none"> Chapter 6, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	6-31
BCM-02-11-AUX	<ul style="list-style-type: none"> None assigned 	
BCM-02-12-AUX	<ul style="list-style-type: none"> None assigned 	
BCM-02-13-AUX	<ul style="list-style-type: none"> None assigned 	
BCM-02-14- AUX	<ul style="list-style-type: none"> Chapter 6, Section H, Boat Crew Seamanship COMDTINST M16114.5 (series) 	6-53
BCM-02-15-AUX	<ul style="list-style-type: none"> None assigned 	

NAME: _____

TASK BCM-02-02-AUX: Crew First Aid Responsibility

1. Stop and assess the overall condition of the _____.
 2. Unprotected crewmembers that come in direct contact with _____, should immediately report each incident to their operational commander servicing medical facility and follow professional medical advice.
 3. Transporting injured persons aboard boats to _____ is a serious problem regularly encountered by boat crewmembers.
 4. It is the responsibility of the _____ and crew to safely transport the victim as rapidly as possible, while preventing _____.
-

NAME: _____

TASK BCM-02-03-AUX: State The Symptoms And Treatment For Shock

1. List four signs and symptoms of shock:

a. _____

b. _____

c. _____

d. _____

2. Initial treatment for shock includes limiting _____, ideally have the _____, _____ being _____ for signs and symptoms of shock.

NAME: _____

TASK BCM-02-04-AUX: State The Symptoms And Treatment For Anaphylactic Shock

1. Anaphylactic shock is a rapid, extreme _____.
 2. Eating _____ ingesting particular types of berries or _____ can cause anaphylactic shock.
 3. Symptoms of anaphylactic shock include:
 - Skin: _____
 - Swelling of lips; tongue; feet; throat; hands
 - Respiratory tract: _____
 4. Anaphylactic shock requires medication to counteract the _____
_____ to the substance. If the victim carries an
_____ kit, you may assist them in administration, if trained.
-

NAME: _____

TASK BCM-02-05-AUX: Demonstrate Direct Pressure, Pressure Points, And Tourniquet Methods To Control Bleeding

1. Arterial bleeding is _____ red and tends to _____ out.
 2. Venous bleeding is _____ red and flows _____.
 3. The three methods used to stop bleeding are _____ pressure, pressure _____, and _____.
 4. They should be used in what order?
 - a) _____
 - b) _____
 - c) _____
 5. A tourniquet should only be used when both other methods have _____.
-

NAME: _____

TASK BCM-02-06-AUX: State The Signs And Treatment For Burns

1. Burns are classified as _____, _____, or _____ degree.
 2. First-degree burns involve only the _____ of skin and produce _____, _____, tenderness and _____.
 3. Second-degree burns extend through the _____ of the skin. They produce _____ and are characterized by _____, _____, and warmth.
 4. Third degree burns are those that _____ of the skin, destroying both _____ and _____ layers. _____ characteristic of 2nd degree burns, may be _____ because _____.
 5. When treating minor burns an ointment should/should not be applied.
 6. Minor burns should be immersed in _____ until pain is relieved.
 7. List six procedures used to treat 3rd degree burns.
 - a. _____
 - b. _____
 - c. _____
 - d. _____
 - e. _____
 - f. _____
-

NAME: _____

TASK BCM-02-07-AUX: State The Symptoms And Treatment For Hypothermia

1. Hypothermia is defined as an abnormal loss of _____ body heat
 2. Victims with temperatures down to 95(o) may exhibit _____.
 3. As victims get colder they will exhibit mild clouding of _____ capacity and shivering will _____.
 4. As the victim's temperature drops below 86(o) his breathing rate will be _____.
 5. The first step in treating hypothermia victims is to remove them from the _____ environment.
 6. Lay unconscious or semi-conscious victims _____ up, with their head slightly _____ than the rest of their body.
 7. Victims should be insulated from further heat loss by wrapping them in a _____.
 8. Victims should / should not be offered food or drink.
-

NAME: _____

TASK BCM-02-08-AUX: Don An Anti Exposure Coverall Or Dry Suit And Enter The Water (Optional)

1. The anti-exposure coverall is the standard garment for _____ operations with _____ cockpit boats.
 2. The flotation characteristics of the coverall are similar to those of the _____.
 3. The anti-exposure coveralls provide hypothermia protection when the wearer is only _____ to conditions, which cause _____.
 4. To provide a better flotation angle, the _____ shall be inflated in rough sea conditions.
 5. _____ Will pump out any _____ between the body and the _____ and increase the rate of _____.
 6. You should put on as much _____ as possible.
 7. While afloat in the water, do not attempt to swim unless it is to reach a _____, _____ or _____.
 8. You should float as _____ as possible and if others are nearby _____ together.
 9. In cold water you should never use the _____ method to stay afloat.
-

NAME: _____

TASK BCM-02-09-AUX: Identify Boat Crew Personnel Survival Equipment

-
1. The equipment in a Boat Crew Personnel Survival kit provides crewmembers a means to _____ on the _____.
 2. List the Boat Crew Personnel Survival Equipment that must be attached to each PFD:
 - a.
 - b.
 - c.
 - d.
 - e.

TASK BCM-02-10-AUX: Use The Emergency Signal Mirror

-
1. The emergency signaling mirror is used to attract the attention of passing _____, _____ or boats.
 2. Reflected light from the emergency signal mirror can be seen at a _____ from the point of origin.
 3. It does this by _____ light at them.
 4. To use the mirror you should face a point about _____ between the sun and the object you wish to signal.
-

NAME: _____

TASK BCM-02-14-AUX: State Survival Procedures In Event The Boat Capsizes

1. While capsizing, personnel should _____ something sturdy.
 2. If trapped in or under a boat, personnel should seek out an _____ near the _____.
 3. Before attempting to escape, an inventory should be made of all _____ that might be taken along.
 4. Because air will eventually leak or run out, every effort should be made to _____.
 5. Sometimes it is necessary to _____ your PFD in order to exit. If necessary, it should be attached to a _____ so can be _____ after exiting.
 6. If the engines are still running you should _____ the stern.
 7. When trapped in an open cockpit you should exit by swimming _____ the gunwales and _____ alongside the boat.
 8. If trapped in an enclosed cabin, you must remember that all exits are _____ when the boat capsizes.
 9. If line is available, the _____ swimmer should exit first taking an end of the line with him/her.
 10. If no line is available, the _____ swimmer should go out first, followed by the _____ swimmers, and lastly by a _____ swimmer.
 11. When free, the first swimmer out should contact the people inside by _____.
-

NAME: _____

Section C. Reading Assignments – Marlinespike Seamanship, Boat Nomenclature and Basic Stability

Overview

Introduction

The related reading assignment(s) should be read prior to beginning instruction of each task.

In this section

This section contains the following reading assignments.

Task Number	Reading Assignment	See Page
BCM-03-01-AUX	<ul style="list-style-type: none">Chapter 7, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)	7-33
BCM-03-02-AUX	<ul style="list-style-type: none">Chapter 7, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)	7-33
BCM-03-03-AUX	<ul style="list-style-type: none">Chapter 7, Section E, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)	7-65
BCM-03-04-AUX	<ul style="list-style-type: none">None assigned	

NAME: _____

TASK BCM-03-01-AUX: Identify The Different Parts Of A Line And Hitches Used In Line Handling

1. The running or free end of a line is called the _____.
 2. The long, unused, or belayed end is called the _____.
 3. Crossing the _____ over the standing part makes an overhang loop.
 4. A bight is a _____ formed by turning the line back on itself.
 5. A _____ is a single wind and a _____ is two complete turns around an object.
-

TASK BCM-03-02-AUX: Tie Various Knots, Hitches And Bends

1. The advantage of a bowline is that they do not _____.
 2. The best all-around hitch for securing a line to a ring, spar, or other round or near round object is the _____.
 3. Timber hitches are used to secure a line to logs, planks, or other _____ objects.
 4. _____ are used to lengthen one line by bending one to another.
-

NAME: _____

TASK BCM-03-03-AUX: Secure Lines To Cleats, Bitts And Posts

1. Deck fittings permit easy handling of lines and reduce _____ and friction on lines.
 2. When securing a line to a cleat, bitt, or post you should first take a _____ around the deck fitting.
 3. You should finish securing the line by forming several figure _____ and securing them with a half _____ over each horn.
 4. To facilitate speed and safety the dipping the _____ method should be used when two mooring lines have to be placed on the same cleat.
-

NAME: _____

Section D. Reading Assignments – Boat Handling

Overview

Introduction

The related reading assignment(s) should be read prior to beginning instruction of each task.

In this section

This section contains the following reading assignments.

Task Number	Reading Assignment	See Page
BCM-04-01-AUX	<ul style="list-style-type: none"> Chapter 10, Section H, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	10-101
BCM-04-02-AUX	<ul style="list-style-type: none"> Chapter 10, Section H, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	10-101
BCM-04-03-AUX	<ul style="list-style-type: none"> Part C, Navigation Rules, International-Inland, COMDTINST M16672.2 (series) 	38
BCM-04-04-AUX	<ul style="list-style-type: none"> Part D, Navigation Rules, International-Inland, COMDTINST M16672.2 (series) 	114
BCM-04-05-AUX	<ul style="list-style-type: none"> Chapter 11, Section F, Boat Crew Seamanship COMDTINST M16114.5 (series) Rule 37, Navigation Rules, International-Inland, COMDTINST M16672.2 (series) 	11-23 126

Chapter 3: Crew Member Study Guide

NAME: _____

Task Number	Reading Assignment	See Page
BCM-04-06-AUX	<ul style="list-style-type: none"> • Chapter 1, Section C, Boat Crew Seamanship COMDTINST M16114.5 (series) • Rule 5, Navigation Rules, International-Inland, COMDTINST M16672.2 (series) 	1-13 12
BCM-04-07-AUX	<ul style="list-style-type: none"> • Chapter 1, Section C and Chapter 14, Section C, Boat Crew Seamanship COMDTINST M16114.5 (series) 	1-13 14-37
BCM-04-08-AUX	<ul style="list-style-type: none"> • None assigned 	
BCM-04-09-AUX	<ul style="list-style-type: none"> • None assigned 	

NAME: _____

TASK BCM-04-01-AUX: Assist In Anchoring The Boat

1. The _____ of the anchor dig into the bottom to provide holding power.
 2. The chaffing chain tends to _____ the angle of pull of the anchor and assists in _____ of the anchor line on the _____.
 3. A _____ is used to attach the chain so that the anchor line can spin freely.
 4. Never stand in the _____ of an anchor line.
 5. The anchor should be _____ over the side, never _____.
 6. The anchor line should always form an angle of _____ or less with the bottom.
-

TASK BCM-04-02-AUX: Assist In Weighing The Boat's Anchor

1. Slack in the anchor line should be _____ as the boat is moved ahead.
 2. As the line is brought aboard it should be faked or stowed below _____.
 3. If the anchor refuses to break free the line should be _____ around the forward bitt while the coxswain moves ahead a few feet to break it free.
-

NAME: _____

TASK BCM-04-03-AUX: Identify The Common Navigation Lights Displayed By Ships And Boats

1. Lights must be used from _____ to _____ and in times of restricted visibility.
 2. A green side light means you are looking at a vessels _____ side.
 3. A red sidelight means you are looking at a vessels _____ side.
 4. If you see both a red and green light it means you are looking at the vessel _____.
 5. A power driven vessel 50 meters or more in length must display and _____ sidelights, a masthead light, a stern light, and a _____ light.
 6. A power driven vessel less than 50 meters in length must display red and _____ sidelights, a masthead light, and a _____ light.
 7. A power driven vessel less than 7 meters and whose maximum speed does not exceed 7 knots only has to show a _____ light.
 8. Sailing vessels less than 12 meters (international) or 20 meters (inland) in length must display red and green side lights, or a red and green _____ light, along with a stern light.
 9. On sailboats and rowboats less than 7 meters in length, if regular running lights are unavailable they may display _____ or torch.
-

NAME: _____

TASK BCM-04-04-AUX: Identify The Common Sound Signals Used By Ships And Boats

1. A short blast is a blast of about _____ second(s) duration.
 2. A prolonged blast is from _____ to _____ seconds in duration.
 3. Vessels 12 meters in length or more must carry a _____ along with a whistle.
 4. If you hear a gong you know the vessel is at least _____ meters long.
 5. Vessels under 12 meters in length are required to _____.
 6. A power driven vessel underway in conditions of reduced visibility sounds _____.
 7. Sailing vessels during periods of reduced visibility sound _____.
 8. Vessels that are _____ use bells and gongs.
-

NAME: _____

TASK BCM-04-05-AUX: Identity And Describe Accepted Maritime Distress Signals

1. MAYDAY, MAYDAY, MAYDAY is a distress call of the _____ priority.
 2. A gun fired at intervals of about _____ minute(s) may be used as an emergency signal.
 3. Rockets, shells, or flares should be of a _____ color to indicate an emergency.
 4. A square flag above a _____ also can be a distress signal.
 5. A dye marker of _____ color may indicate a vessel or person in _____.
 6. A _____ flashing at regular intervals from _____ to _____ times per _____ is an acceptable _____ distress signal.
 7. The signal (...)---(...) means _____ and indicates a _____ situation.
-

NAME: _____

TASK BCM-04-06-AUX: Stand A Lookout Watch

1. Lookouts must report to the _____ everything _____, _____, or _____ while the boat in _____ that may _____ the boat.
 2. When making reports the lookout should first _____ the object then give the direction in _____ to the object.
 3. Lookouts should always remain at their station until _____.
 4. If a report to the coxswain is not acknowledged it should be _____.
 5. Dark adaptation requires _____ or more but may be destroyed in less than _____.
-

TASK BCM-04-07-AUX: Act As A Helmsman And Steer A Compass Course

1. The arc of the compass card is divided into _____ degrees.
 2. 000 degrees on the compass card is _____ North.
 3. The _____ is on the boat's centerline and parallel to the boat's _____.
 4. To ensure understanding the helmsman should always _____ all orders given to him/her by the coxswain.
 5. The helmsman should attempt to maintain a course within _____ degrees.
 6. The helmsman should not execute any orders unless _____ by the coxswain.
-

NAME: _____

Section E. Reading Assignments - Communications

Overview

Introduction

The related reading assignment(s) should be read prior to beginning instruction of each task.

In this section

This section contains the following reading assignments.

Task Number	Reading Assignment	See Page
BCM-05-01-AUX	<ul style="list-style-type: none">Chapter 11, Section A, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)	11-3
BCM-05-02-AUX	<ul style="list-style-type: none">Chapter 11, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)	11-1

NAME: _____

TASK BCM-05-01-AUX: Operate A VHF-FM Radiotelephone

1. VHF-FM is used for _____, _____ marine communications.
 2. The radio will automatically monitor channel _____.
 3. Channel 13, 156.65MHz, is the _____ to _____ frequency.
 4. Channel _____, 156.8MHz, is the international VHF-FM calling and distress frequency.
 5. All vessels equipped with a _____ - _____ radio are required to monitor _____.
-

NAME: _____

TASK BCM-05-02-AUX: Use The VHF-FM Radiotelephone To Give A Position Or Ops Normal Report

1. Every transmission should be ended with the word _____ or _____.
 2. Message should be sent _____ so that the receiving party will have a chance to copy the entire message.
 3. The microphone should not be _____ until you are ready to speak.
 4. Unofficial conversation should/should not be transmitted.
 5. The voice call sign for CG Auxiliary patrol boat #2765 is: _____.
 6. The _____ alphabet is used to spell difficult words that are hard to understand over a radio.
 7. In cases where a pause for a _____ between transmissions is necessary, use the proword _____. If the pause is to be _____ than few _____, use _____.
-

NAME: _____

Section F. Reading Assignments - Navigation

Overview

Introduction

The related reading assignment(s) should be read prior to beginning instruction of each task.

In this section

This section contains the following reading assignments.

Task Number	Reading Assignment	See Page
BCM-06-01-AUX	<ul style="list-style-type: none"> Chapter 14, Sections A and B, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	14-3 14-15
BCM-06-02-AUX	<ul style="list-style-type: none"> Chapter 13, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	13-3
BCM-06-03-AUX	<ul style="list-style-type: none"> Chapter 14, Section B, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	14-15
BCM-06-04-AUX	<ul style="list-style-type: none"> Chapter 14, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	14-61
BCM-06-05-AUX	<ul style="list-style-type: none"> Chapter 14, Section C, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	14-37

Chapter 3: Crew Member Study Guide

NAME: _____

Task Number	Reading Assignment	See Page
BCM-06-06-AUX	<ul style="list-style-type: none">Chapter 14, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)	14-61
BCM-06-07-AUX	<ul style="list-style-type: none">Chapter 14, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series)	14-61
BCM-06-08-AUX	<ul style="list-style-type: none">None assigned	

NAME: _____

TASK BCM-06-01-AUX: Identify The Basic Parts, Symbols And Abbreviations Found On A Nautical Chart

1. One degree is equal to _____ minutes.
 2. One minute of _____ is equal to one nautical mile.
 3. Lines running from side to side normally indicate _____ of latitude.
 4. Latitude scales are normally indicated along the _____ margins.
 5. The meridian that passes through Greenwich, England is designated as _____ degrees.
 6. All meridians intersect at the _____.
 7. Charts are oriented with _____ at the top.
 8. Any location on a chart can be expressed in terms of _____ and _____.
 9. True direction is printed around the _____ of the compass rose.
 10. The sounding numbers show the water level at _____ tide.
 11. The scale of a chart is a ratio of a distance on the chart and the actual distance on the _____.
 12. The basic symbol for a buoy is a _____ and a _____.
 13. The color of a buoy symbol indicates the _____ of the buoy.
 14. The symbol for a lighthouse or other fixed light is a black _____ with a magenta _____.
-

NAME: _____

15. Ranges are indicated by the symbol for lights and a _____
_____ indicating the direction.
 16. Day beacons are indicated by small _____.
-

TASK BCM-06-02-AUX: Identify Common Aids To Navigation Used In Small Boat Piloting

1. When steering on a range if the top and bottom marks are in line it means you are _____ of the center of the channel.
 2. A conical, unlighted buoy is called a _____ buoy.
 3. Channel buoys that are painted green should be taken on the _____ side of the boat when entering a harbor.
 4. _____ are _____ aids to navigation _____ that are attached directly to the earth's surface.
 5. White and yellow lights have _____ significance.
-

TASK BCM-06-03-AUX: Identify Local Landmarks Used For Piloting On A Nautical Chart

1. Prominent landmarks such as towers smoke stacks, and flagpoles are pinpointed by a standard symbol of a dot surrounded by a _____.
-

NAME: _____

TASK BCM-06-04-AUX: Plot A Position Using Latitude And Longitude

1. To measure latitude, put one point of a pair of dividers on the _____ nearest the object.
 2. To measure longitude, put one point of a pair of dividers on the _____ nearest the object
 3. For latitude, use the _____ scale.
 4. For longitude, use the _____ scale.
-

TASK BCM-06-05-AUX: Plot A Magnetic Course On A Nautical Chart

1. Direction, generally referred to as a bearing, is measured in degrees _____ through _____.
 2. In small boat navigation you will usually use _____ courses and bearings.
 3. When measuring magnetic direction using a parallel rule place the rule so the edge passes through the _____ of the compass rose and the bearing number on the inner ring.
-

NAME: _____

TASK BCM-06-06-AUX: Measure Distance On A Nautical Chart

1. In piloting distance is measured in _____ or _____.
 2. The _____ mile is used for measurement on most navigable waters.
 3. One nautical mile is approximately _____ yards.
 4. Distance should be measured using the latitude scale _____ to the latitude where the distance is being measured.
 5. When the distance to be measured is greater than the span of the dividers, the dividers should be set at a given number of minutes and then used to _____ off the distance between the points to be measured.
-

NAME: _____

TASK BCM-06-07-AUX: Compute Time, Speed And Distance

1. In working time, distance, and speed problems when piloting a boat, the distance is always measured in _____ miles, the speed in _____, and the time in _____.
 2. Distance should be expressed to the nearest _____ of a nautical mile, speed to the nearest _____ of a knot, and time to the nearest _____.
 3. The nautical _____ was designed to solve time, distance, and speed problems.
 4. By setting any two of the values on their opposite scales, the third can be read from the appropriate _____.
 5. $D = \text{_____} \times T/60$.
 6. $S = \text{_____} D/\text{_____}$.
 7. $\text{_____} = 60\text{_____}/S$.
-

NAME: _____

Section G. Reading Assignments – Mission Oriented Operations

Overview

Introduction

The related reading assignment(s) should be read prior to beginning instruction of each task.

In this section

This section contains the following reading assignments.

Task Number	Reading Assignment	See Page
BCM-07-01-AUX	<ul style="list-style-type: none"> • Chapter 16, Section A, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	16-3
BCM-07-02-AUX	<ul style="list-style-type: none"> • Chapter 16, Section A, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	16-3
BCM-07-03-AUX	<ul style="list-style-type: none"> • Chapter 19, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	19-1
BCM-07-04-AUX	<ul style="list-style-type: none"> • Chapter 17, Section C, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	17-17
BCM-07-05-AUX	<ul style="list-style-type: none"> • Chapter 17, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	17-37
BCM-07-06-AUX	<ul style="list-style-type: none"> • Chapter 1, Section C, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	1-13

NAME: _____

Task Number	Reading Assignment	See Page
BCM-07-08-AUX	<ul style="list-style-type: none"> Chapter 17, Section D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	17-37
BCM-07-09-AUX	<ul style="list-style-type: none"> Chapter 18, Section I, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	18-69
BCM-07-10-AUX	<ul style="list-style-type: none"> Chapter 18, Section C and D, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	18-13 18-17
BCM-07-11-AUX	<ul style="list-style-type: none"> None assigned 	
BCM-07-12-AUX	<ul style="list-style-type: none"> Chapter 18, Sections E and F, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	18-19 18-29
BCM-07-13-AUX	<ul style="list-style-type: none"> Chapter 18, Sections E and F, Boat Crew Seamanship Manual, COMDTINST M16114.5 (series) 	18-19 18-29

NAME: _____

TASK BCM-07-01-AUX: Participate In A Man Overboard Evolution As A Pointer

-
1. The first CREWMEMBER to observe a person overboard should sound the alarm by yelling "MAN _____ " followed by either " _____ side " or " _____ side."
 2. The pointer should _____ proceed to his/her _____ station.
 3. The pointer will keep the victim in _____ and continuously _____ to the victim's position.
-

TASK BCM-07-02-AUX: Participate In A Man Overboard Evolution As A Recovery/Pick Up Man

-
1. The recovery/pickup man _____ heaving line to be used in _____ the person in the water.
-

NAME: _____

TASK BCM-07-03-AUX: Participate In A Basket Hoist

1. There are _____ emergency exits on the HH-60J helicopter.
 2. The HH-60J is amphibious. TRUE/FALSE
 3. There are _____ emergency exits on the HH65A.
 4. The HH65A is not amphibious. TRUE/FALSE
 5. The basket should be _____ before being touched by any crewmember.
 6. Trail line, basket slings, or hoisting cables should never be _____ to be boat during the operation
 7. The hoisting cable and trail lines should be _____ at all times.
 8. During breakaway procedures the CREWMEMBER is responsible for _____ the litter or basket, _____ line, and loose cable over the slide.
-

NAME: _____

TASK BCM-07-04-AUX: Bend A Heaving Line To A Bridle And Pass The Heaving Line To Another Boat

-
1. You cannot tow beyond the design characteristics of any towing boat simply by _____ the size of the towline.
 2. Thimbles are designed to _____ load on the eye and provide maximum _____ protection to the inner top of the eye.
 3. The towline should be inspected frequently for damage resulting from cutting, _____, fusing, and snagging.
 4. A towing bridle should be used in cases where a _____ attachment point is not available on the boat to be towed.
 5. The messenger is a length of light line used to _____.
-

TASK BCM-07-05-AUX: Pass A Towline (Bridle) To Another Boat And Take In Stern Tow

-
1. Where conditions permit and the towing boat can maneuver enough, the towline should be passed _____ to one of the people on the other boat.
 2. Before attaching the towline, make certain the fitting attachment it is to be attached to is _____ to the deck with through bolts and backing plates.
-

NAME: _____

TASK BCM-07-07-AUX: Connect A Towline To A Trailer Eye Bolt Using A Shackle Or Kicker Hook

1. The trailer eye bolt is normally located on the _____.
 2. Connecting the towline with a shackle should only be done in _____ weather conditions.
 3. After tightening the shackle _____ it should be moused.
-

TASK BCM-07-08-AUX: Take A Boat In Alongside Tow

1. When taking a boat alongside the _____ takes the strain of forward movement.
 2. When taking a boat alongside the _____ takes the strain of backing down.
 3. Always rig _____ to prevent hull damage.
-

NAME: _____

TASK BCM-07-09-AUX: Prepare A Portable Pump For Operation And Obtain Suction

1. Pull the handle to release a _____ on the storage container.
 2. Connect a discharge hose and lay it out on deck so there are no _____ or _____.
 3. A pump can run dry for _____. It was designed to be started only after suction has been taken.
 4. Then engine will run approximately _____ hours on one tank of fuel, depending on conditions.
 5. A Pump Watch must be alert for _____ around the strainer and must ensure the strainer remains _____. Watch for _____.
-

NAME: _____

TASK BCM-07-10-AUX: Identify The Different Classes Of Fires And State The Fuel And Primary Extinguishing Agents Associated With Each

1. Fire is a chemical _____ known as combustion.
 2. The three elements of a fire are oxygen, heat, and _____.
 3. Fires fueled by common combustible materials, such as wood, cloth, or paper, are classified as Class _____ fires. The best extinguishing agent for this class fire is _____.
 4. Fires fueled by flammable or combustible liquids, flammable gases, or similar material are classified as Class _____ fires. The primary extinguishing agent for this class fire is _____.
 5. Fires involving combustible _____, with fuel sources such as sodium, potassium, or magnesium, are classified as Class _____ fire. Given that these fires are not easily extinguished, the best agents to use for control of the fire are _____ or _____.
 6. Fires involving energized _____ equipment, such as conductors or appliances, are classified as Class _____ fires.
 7. The principle remedy for these fires is to secure the _____ and to apply _____ or dry chemical to the fire.
-

NAME: _____

TASK BCM-07-12-AUX: Operate A CO(2) Fire Extinguisher (Simulate)

-
1. The range of the extinguisher is approximately _____ feet.
 2. The CO(2) is released in the form of a fine white _____.
 3. Be careful not to let the extinguisher's discharge touch your _____.
 4. When using the extinguisher, the cylinder should be kept _____ to the deck at all times
-

TASK BCM-07-13-AUX: Operate A Dry Chemical Fire Extinguisher (Simulate)

-
1. The effective range for a dry chemical extinguisher is _____ feet.
 2. When using dry chemical approach the fire from the _____ side of the fire.
 3. The dry chemical should be pointed at the _____ of the fire.
-

NAME: _____

Section H. Reading Assignments – Auxiliary Specific Tasks

Overview

Introduction

The related reading assignment(s) should be read prior to beginning instruction of each task.

In this section

This section contains the following reading assignments.

Task Number	Reading Assignment	See Page
BCM-08-01-AUX	<ul style="list-style-type: none">• None assigned	
BCM-08-02-AUX	<ul style="list-style-type: none">• None assigned	
BCM-08-03-AUX	<ul style="list-style-type: none">• None assigned	

NAME: _____

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