



**NONRESIDENT  
TRAINING  
COURSE**



March 1996

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# **Seabee Combat Handbook, Volume 2**

**NAVEDTRA 14235**

**Although the words “he,” “him,” and “his” are used sparingly in this course to enhance communication, they are not intended to be gender driven or to affront or discriminate against anyone.**

COMMANDING OFFICER  
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Errata #2

07 May 01

Specific Instruction and Errata for  
Nonresident Training Course

SEABEE COMBAT HANDBOOK, VOLUME 2, NAVEDTRA 14235

1. This errata supersedes all previous errata. No attempt has been made to issue corrections for errors in typing, punctuation, etc., that do not affect your ability to answer the question or questions.

2. To receive credit for deleted questions, show this errata to your local course administrator (ESO/scorer). The local course administrator is directed to correct the course and the answer key by indicating the questions deleted.

3. Assignment Booklet, NAVEDTRA 14235

Delete the following questions and leave the corresponding spaces blank on the answer sheets:

Question

1-43

2-10

2-56

3-34

4. Change the following items in the Assignment Booklet, NAVEDTRA 14235:

a. Question 4-9 page 19; change the question's stem to read "The depth of a platoon defense is the distance between the squad's primary positions and the rearward extension of what other position?"

b. Question 4-57 page 23; change the question's stem to read "... occupied by the convoy commander?"

c. Change figure 5B, item C, page 27 to read "Immediate Assault Drill."

d. Question 6-33 page 33; change the question's stem to read "... conducting detailed troop decon (DTD)?"

e. Question 6-46 page 34; change the question's stem to read "... a sanitizing solution at station 7, . . . ."

f. Question 6-58 page 35; change the question's stem to read "... the primary task of DED station 4?"

## PREFACE

By enrolling in this self-study course, you have demonstrated a desire to improve yourself and the Navy. Remember, however, this self-study course is only one part of the total Navy training program. Practical experience, schools, selected reading, and your desire to succeed are also necessary to successfully round out a fully meaningful training program.

**THE COURSE:** This self-study course is organized into subject matter areas, each containing learning objectives to help you determine what you should learn along with text and illustrations to help you understand the information. The subject matter reflects day-to-day requirements and experiences of personnel in the rating or skill area. It also reflects guidance provided by Enlisted Community Managers (ECMs) and other senior personnel, technical references, instructions, etc., and either the occupational or naval standards, which are listed in the *Manual of Navy Enlisted Manpower Personnel Classifications and Occupational Standards*, NAVPERS 18068.

**THE QUESTIONS:** The questions that appear in this course are designed to help you understand the material in the text.

**VALUE:** In completing this course, you will improve your military and professional knowledge. Importantly, it can also help you study for the Navy-wide advancement in rate examination. If you are studying and discover a reference in the text to another publication for further information, look it up.

*1996 Edition Prepared by  
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AND TECHNOLOGY CENTER

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## **Sailor's Creed**

“I am a United States Sailor.

I will support and defend the Constitution of the United States of America and I will obey the orders of those appointed over me.

I represent the fighting spirit of the Navy and those who have gone before me to defend freedom and democracy around the world.

I proudly serve my country's Navy combat team with honor, courage and commitment.

I am committed to excellence and the fair treatment of all.”

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# **SUMMARY OF SEABEE COMBAT HANDBOOK TRAINING MANUALS**

## **VOLUME 1**

*Seabee Combat Handbook*, Volume 1, NAVEDTRA 12003, consists of chapters on the History and Organization of the Seabees and Laws of War; Special Clothing and Equipment; Service Rifle and Pistol Marksmanship; Combat Maneuvers, Formation, Patrols, and Ambushes; Land Navigation; Evasion, Survival, and Escape; Individual Protection Measures; Entanglements; Chemical, Biological, and Radiological (CBR) Defense; First Aid and Field Sanitation; Organic Communications Equipment; Hand Grenades, Land Mines, and Booby Traps; Organic Support Weapons: M203 and Machine Guns; and Organic Support Weapons: 60mm Mortar and AT4.

## **VOLUME 2**

*Seabee Combat Handbook*, Volume 2, NAVEDTRA 12004, consists of chapters on Organization and Operation of the Combat Operations Center; Organization and Operation of the Company Command Post; Setup and Control of Medical Evacuation (MEDEVAC); Planning and Development of Defense Tactics; Counter Ambush Techniques; and CBR Decontamination.

# INSTRUCTIONS FOR TAKING THE COURSE

## ASSIGNMENTS

The text pages that you are to study are listed at the beginning of each assignment. Study these pages carefully before attempting to answer the questions. Pay close attention to tables and illustrations and read the learning objectives. The learning objectives state what you should be able to do after studying the material. Answering the questions correctly helps you accomplish the objectives.

## SELECTING YOUR ANSWERS

Read each question carefully, then select the BEST answer. You may refer freely to the text. The answers must be the result of your own work and decisions. You are prohibited from referring to or copying the answers of others and from giving answers to anyone else taking the course.

## SUBMITTING YOUR ASSIGNMENTS

To have your assignments graded, you must be enrolled in the course with the Nonresident Training Course Administration Branch at the Naval Education and Training Professional Development and Technology Center (NETPDTC). Following enrollment, there are two ways of having your assignments graded: (1) use the Internet to submit your assignments as you complete them, or (2) send all the assignments at one time by mail to NETPDTC.

**Grading on the Internet:** Advantages to Internet grading are:

- you may submit your answers as soon as you complete an assignment, and
- you get your results faster; usually by the next working day (approximately 24 hours).

In addition to receiving grade results for each assignment, you will receive course completion confirmation once you have completed all the

assignments. To submit your assignment answers via the Internet, go to:

**<http://courses.cnet.navy.mil>**

**Grading by Mail:** When you submit answer sheets by mail, send all of your assignments at one time. Do NOT submit individual answer sheets for grading. Mail all of your assignments in an envelope, which you either provide yourself or obtain from your nearest Educational Services Officer (ESO). Submit answer sheets to:

COMMANDING OFFICER  
NETPDTC N331  
6490 SAUFLEY FIELD ROAD  
PENSACOLA FL 32559-5000

**Answer Sheets:** All courses include one “scannable” answer sheet for each assignment. These answer sheets are preprinted with your SSN, name, assignment number, and course number. Explanations for completing the answer sheets are on the answer sheet.

**Do not use answer sheet reproductions:** Use only the original answer sheets that we provide—reproductions will not work with our scanning equipment and cannot be processed.

Follow the instructions for marking your answers on the answer sheet. Be sure that blocks 1, 2, and 3 are filled in correctly. This information is necessary for your course to be properly processed and for you to receive credit for your work.

## COMPLETION TIME

Courses must be completed within 12 months from the date of enrollment. This includes time required to resubmit failed assignments.



## **PASS/FAIL ASSIGNMENT PROCEDURES**

If your overall course score is 3.2 or higher, you will pass the course and will not be required to resubmit assignments. Once your assignments have been graded you will receive course completion confirmation.

If you receive less than a 3.2 on any assignment and your overall course score is below 3.2, you will be given the opportunity to resubmit failed assignments. **You may resubmit failed assignments only once.** Internet students will receive notification when they have failed an assignment--they may then resubmit failed assignments on the web site. Internet students may view and print results for failed assignments from the web site. Students who submit by mail will receive a failing result letter and a new answer sheet for resubmission of each failed assignment.

## **COMPLETION CONFIRMATION**

After successfully completing this course, you will receive a letter of completion.

## **ERRATA**

Errata are used to correct minor errors or delete obsolete information in a course. Errata may also be used to provide instructions to the student. If a course has an errata, it will be included as the first page(s) after the front cover. Errata for all courses can be accessed and viewed/downloaded at:

<http://www.advancement.cnet.navy.mil>

## **STUDENT FEEDBACK QUESTIONS**

We value your suggestions, questions, and criticisms on our courses. If you would like to communicate with us regarding this course, we encourage you, if possible, to use e-mail. If you write or fax, please use a copy of the Student Comment form that follows this page.

## **For subject matter questions:**

E-mail: n314.products@cnet.navy.mil  
Phone: Comm: (850) 452-1001, Ext. 1826  
DSN: 922-1001, Ext. 1826  
FAX: (850) 452-1370  
(Do not fax answer sheets.)  
Address: COMMANDING OFFICER  
NETPDTC (CODE N314)  
6490 SAUFLEY FIELD ROAD  
PENSACOLA FL 32509-5237

## **For enrollment, shipping, grading, or completion letter questions**

E-mail: fleetservices@cnet.navy.mil  
Phone: Toll Free: 877-264-8583  
Comm: (850) 452-1511/1181/1859  
DSN: 922-1511/1181/1859  
FAX: (850) 452-1370  
(Do not fax answer sheets.)  
Address: COMMANDING OFFICER  
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## **NAVAL RESERVE RETIREMENT CREDIT**

If you are a member of the Naval Reserve, you will receive retirement points if you are authorized to receive them under current directives governing retirement of Naval Reserve personnel. For Naval Reserve retirement, this course is evaluated at 9 points. (Refer to *Administrative Procedures for Naval Reservists on Inactive Duty*, BUPERSINST 1001.39, for more information about retirement points.)

## **COURSE OBJECTIVES**

In completing this nonresident training course, you will demonstrate a knowledge of the subject matter by correctly answering questions on the following: Organization and Operation of the Combat Operations Center; Organization and Operation of the Company Command Post; Setup and Control of Medical Evacuation (MEDEVAC); Planning and Development of Defense Tactics; Counter Ambush Techniques; and CBR Decontamination.

## Student Comments

**Course Title:** Seabee Combat Handbook, Volume 2

**NAVEDTRA:** 14235 **Date:** \_\_\_\_\_

**We need some information about you:**

Rate/Rank and Name: \_\_\_\_\_ SSN: \_\_\_\_\_ Command/Unit \_\_\_\_\_

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ State/FPO: \_\_\_\_\_ Zip \_\_\_\_\_

**Your comments, suggestions, etc.:**

<p><b>Privacy Act Statement:</b> Under authority of Title 5, USC 301, information regarding your military status is requested in processing your comments and in preparing a reply. This information will not be divulged without written authorization to anyone other than those within DOD for official use in determining performance.</p>
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NETPDTC 1550/41 (Rev 4-00)

## CHAPTER 1

# ORGANIZATION AND OPERATION OF THE COMBAT OPERATIONS CENTER

Efficiently organized and executed command and control operations are essential for any combat operation to be successful. Many battles have been lost because of poor execution of command and control activities. A major reason for the success of Operation Desert Storm was the manner each unit maintained and supported a vigorous command and control structure.

A comprehensive knowledge about higher and lower echelons in the area of operations assigned to a Seabee battalion is crucial to personnel executing command and control functions. This chapter provides detailed information on the Combat Operations Center (COC). Also, described in this chapter is the Marine Air-Ground Task Force (MAGTF).

**NOTE:** During combat operations, Seabee units are normally assigned to a MAGTF.

### ORGANIZATION OF THE MARINE AIR-GROUND TASK FORCE (MAGTF)

A Marine Air-Ground Task Force (MAGTF) is normally formed for combat operations in which substantial Marine aviation and Marine ground units participate. Trends in national strategy show that the most probable employment of MAGTFs will be in the execution of force-in-readiness missions. Accomplishment of such missions requires the employment of MAGTFs as landing forces in amphibious operations and later operations ashore. The MAGTFs must have the capability in such commitments to operate in close coordination with other U.S. Armed Forces and the forces of Allied nations. MAGTFs are characterized by operational concepts, organizational structures, equipment, and systems that are suited for employment in Navy-Marine, joint, or combined operations.

The fact that a Seabee battalion is attached to a MAGTF during combat makes it critical that you understand the MAGTF organization. No matter how large, a MAGTF consists of at least four elements with

seven primary engineer (fig. 1-1) assets spread out among the elements.

The four elements (fig. 1-2) are as follows:

- Command Element (CE)
- Ground Combat Element (GCE)
- Aviation Combat Element (ACE)
- Combat Service Support Element (CSSE)

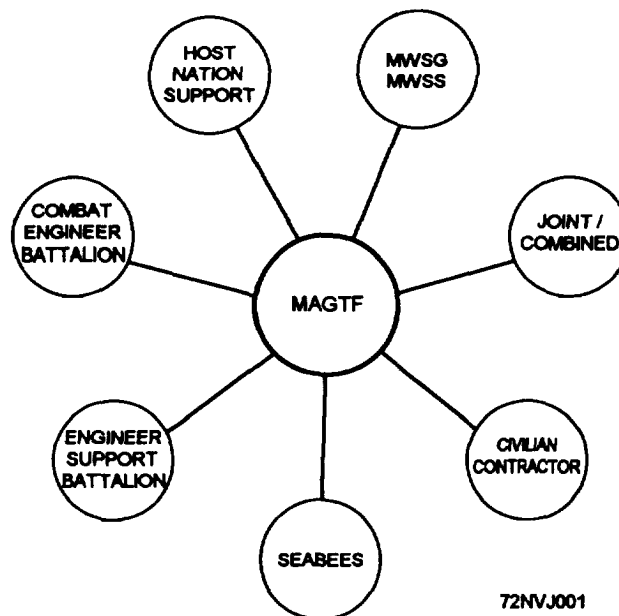


Figure 1-1.—Primary MAGTF Engineer Assets.

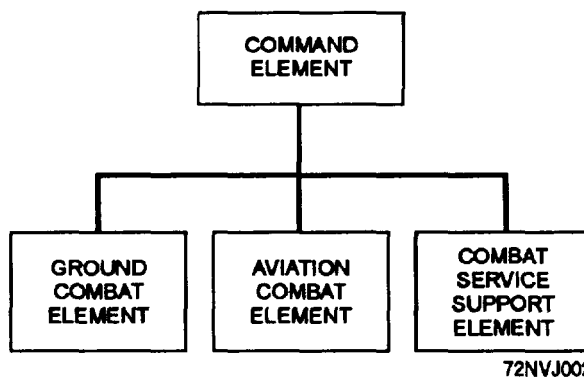


Figure 1-2.—Elements of a MAGTF organization.