ROYAL CANADIAN SEA CADETS

PHASE TWO

INSTRUCTIONAL GUIDE

SECTION 3

EO M223.03 – EXECUTE NOTES USING THE BOATSWAIN'S CALL

Total Time: 60 min

PREPARATION

PRE-LESSON INSTRUCTIONS

Resources needed for the delivery of this lesson are listed in the lesson specification located in A-CR-CCP-602/PG-001, Chapter 4. Specific uses for said resources are identified throughout the Instructional Guide within the TP for which they are required.

Review the lesson content and become familiar with the material prior to delivering the lesson. Ensure boatswain's calls and cleaning solution are available prior to the start of this lesson.

Photocopy the handout located at Annex A of this instructional guide for each cadet.

PRE-LESSON ASSIGNMENT

N/A.

APPROACH

An interactive lecture was chosen for TP1 to orient the cadets to the boatswain's call.

Demonstration and performance was chosen for TP2 and TP3 as it allows the instructor to explain and demonstrate holding the boatswain's call as well as executing high and low notes while providing an opportunity for the cadets to practice these skills under supervision.

INTRODUCTION

REVIEW

N/A.

OBJECTIVES

By the end of this lesson the cadet shall be expected to execute notes using the boatswain's call.

IMPORTANCE

The boatswain's call is used as a naval form of communication. It is important for cadets to know how to respond to the various pipes and to execute notes using the boatswain's call in order to perform the various pipes. These pipes will be used by the duty quartermaster, which will be a duty for Phase Three cadets.

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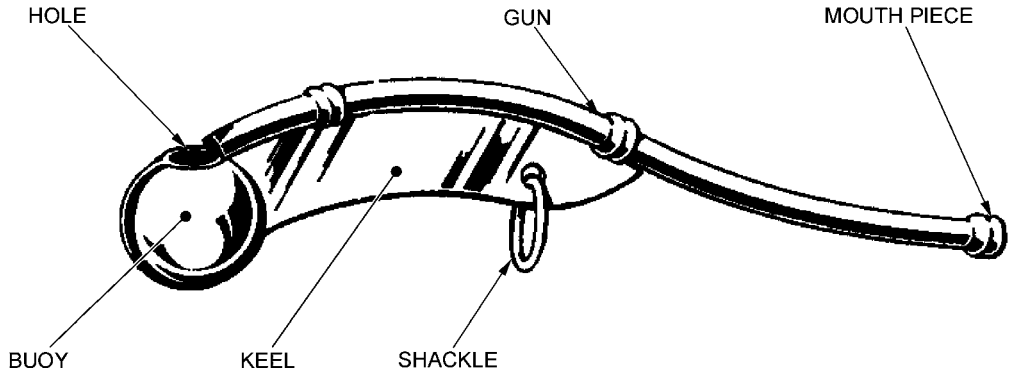
Teaching point 1 **Describe the Parts of a Boatswain's Call**

Time: 10 min Method: Interactive Lecture

A blank diagram of the boatswain's call, located at Annex B, should be placed in the front of the classroom and the parts should be labelled as they are described. This image should be enlarged or drawn on a whiteboard/flipchart if possible.

Pass a boatswain's call around the classroom.



Royal Navy, Admiralty Manual of Seamanship 1964, Her Majesty's Stationery Office (p. 338)

Figure 1 The Boatswain's Call

Gun. The long portion that runs along the top of the boatswain's call through which air is blown. The mouth of the gun is the ridged portion that is placed in the mouth.

Shackle. The ring attached to the bottom of the call to which the chain can be attached.

Keel. The bottom portion of the boatswain's call that is held in the hand and runs along the gun.

Buoy. The round portion of the boatswain's call into which air is blown from the gun.

Hole. The end of the gun at the top of the buoy. It is the hole through which air comes to produce the different notes.

CONFIRMATION OF TEACHING POINT 1

QUESTIONS

Q1. What part of the boatswain's call is air blown through?

Q2. What is the chain attached to?

Q3. Where is the hole?

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ANTICIPATED ANSWERS

A1. The gun.

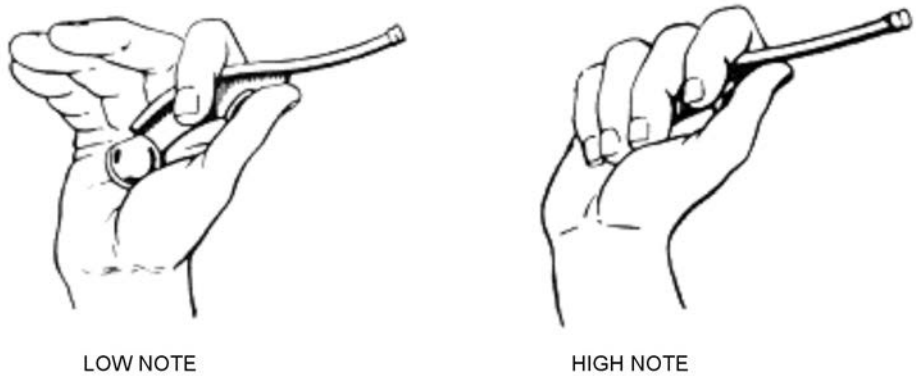
A2. The shackle.

A3. At the end of the gun, at the top of the buoy.

Teaching point 2 **Demonstrate and Have the Cadets Practice Holding the Boatswain's Call**

Time: 10 min Method: Demonstration and Performance

HOLDING THE BOATSWAIN'S CALL



The Boatswain's Call, by Ready Aye Ready. Retrieved 19 February 2007, from http://www.readyayeready.com/navy-life/boatswains-call.htm

Figure 2 Holding the Boatswain's Call

The boatswain's call is held as follows:

- In the right hand, hold the call between the index finger and the thumb with the thumb on or near the shackle.
- The side of the buoy should rest against the palm of the hand and the fingers should close over the gun.
- The hole in the buoy should be positioned to control the flow of air from the buoy.
- The hole in the buoy should be unobstructed by the fingers to avoid choking the sound.



Demonstrate and have each cadet hold the boatswain's call.

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CONFIRMATION OF TEACHING POINT 2

QUESTIONS

Q1. Which hand is the boatswain's call held in?

Q2. Where should the thumb rest on the boatswain's call?

Q3. Where should the buoy be?

ANTICIPATED ANSWERS

A1. The right hand.

A2. The thumb should rest on or near the shackle.

A3. The side of the buoy should rest against the palm of the hand and the fingers should close over the gun. The hole should be unobstructed by the fingers.

Teaching point 3 — **Demonstrate and Have the Cadets Practice Executing Notes on the Boatswain's Call**

Time: 30 min — Method: Demonstration and Performance

Placing the teeth on the ridges at the mouth of the boatswain's call will assist in controlling the pipes as the tongue can be used to stop the air flow, keeping the notes sharp.

LOW NOTE

The low note is produced by blowing steadily into the mouth of the gun with the hole in the buoy unobstructed by the fingers.



LOW NOTE

The Boatswain's Call, by Ready Aye Ready. Retrieved 19 February 2007, from http://www.readyayeready.com/navy-life/boatswains-call.htm

Figure 3 The Low Note

Demonstrate and have each cadet practice executing the low note.

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HIGH NOTE

The high note is produced by closing the fingers around the buoy, taking care not to touch the edge of the hole or the end of the gun. This will control the flow of air from the hole in the buoy.



HIGH NOTE

The Boatswain's Call, by Ready Aye Ready. Retrieved 19 February 2007, from http://www.readyayeready.com/navy-life/boatswains-call.htm

Figure 4 The High Note



Demonstrate and have each cadet practice executing the high note.

CONFIRMATION OF TEACHING POINT 3

QUESTIONS

Q1. How is the low note produced?

Q2. How is the high note produced?

ANTICIPATED ANSWERS

A1. The low note is produced by blowing steadily into the mouth of the gun with the hole in the buoy unobstructed by the fingers.

A2. The high note is produced by closing the fingers around the buoy, taking care not to touch the edge of the hole or the end of the gun. This will control the flow of air from the hole in the buoy.

END OF LESSON CONFIRMATION

The cadets' participation in TP3 will serve as the confirmation of this lesson.

CONCLUSION

HOMEWORK/READING/PRACTICE

N/A.

METHOD OF EVALUATION

N/A.

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CLOSING STATEMENT

Sounding pipes on the boatswain's call is a tradition that has been maintained for hundreds of years. Using pipes to deliver orders is a large part of what makes naval institutions unique. Using pipes to get the attention of the ship's company or to get everyone to come to attention is a common and practical use of the boatswain's call. Generating low and high notes on the boatswain's call will affect your ability to produce various pipes.

INSTRUCTOR NOTES/REMARKS

Ensure the boatswain's calls are cleaned with a cleaning solution in between uses.

REFERENCES

C1-003 (ISBN II 770973 5) Royal Navy. (1972). *Admiralty Manual of Seamanship 1964* (Vol. 1). London, England: Her Majesty's Stationery Office.

C1-043 Ready Aye Ready. (ND). *The Boatswain's Call.* Retrieved 19 February 2007, from http://www.readyayeready.com/navy-life/boatswains-call.htm.

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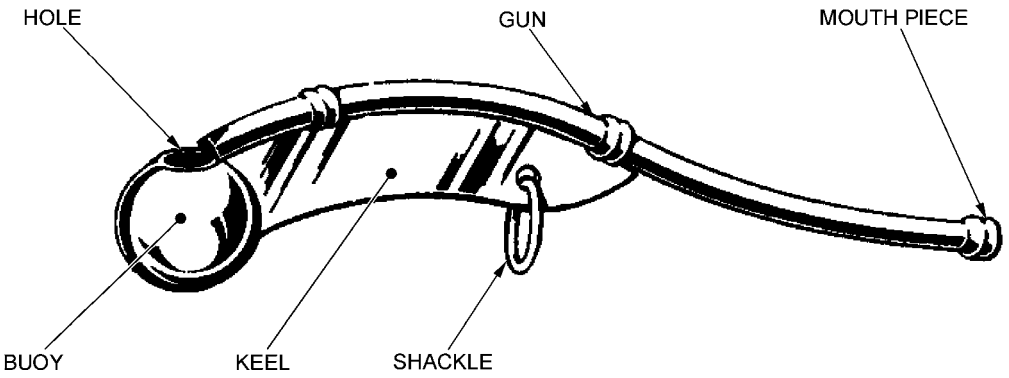
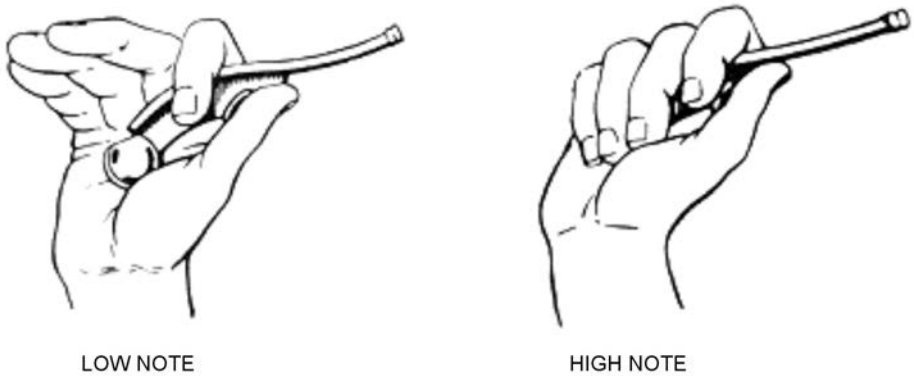
THE BOATSWAIN'S CALL



Royal Navy, Admiralty Manual of Seamanship 1964, Her Majesty's Stationery Office (p. 338)

Figure A-1 Parts of the Boatswain's Call



The Boatswain's Call, by Ready Aye Ready. Retrieved 19 February 2007, from http://www.readyayeready.com/navy-life/boatswains-call.htm

Figure A-2 Holding the Boatswain's Call

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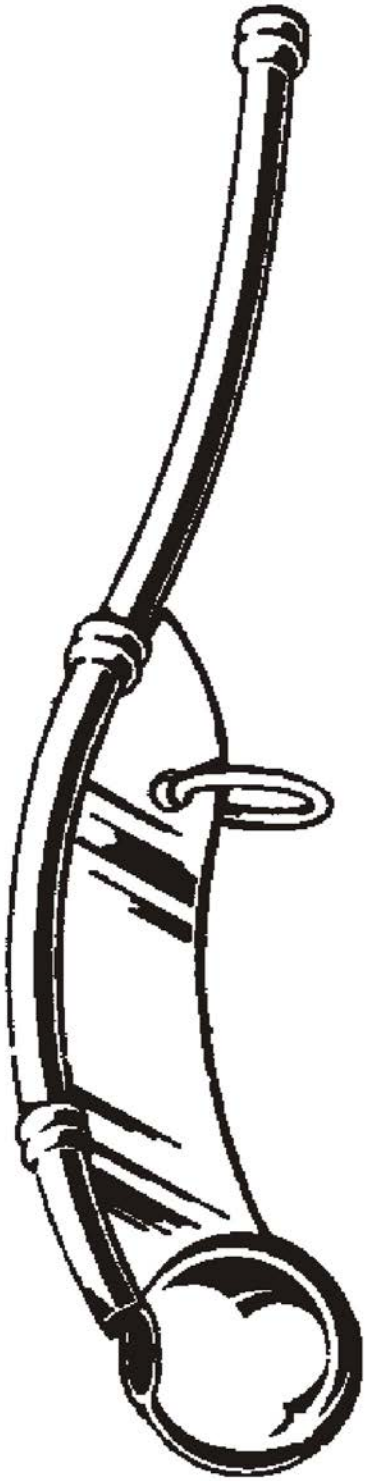
BLANK DIAGRAM OF THE BOATSWAIN'S CALL



Royal Navy, Admiralty Manual of Seamanship 1964, Her Majesty's Stationery Office (p. 338)

Figure B-1 Blank Diagram of the Boatswain's Call

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