ROYAL CANADIAN SEA CADETS

PHASE ONE

INSTRUCTIONAL GUIDE

SECTION 2

EO M121.02 – WHIP THE END OF A LINE USING A COMMON WHIPPING

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-601/PG-001, *Phase One Qualification Standard and Plan*, 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.

PRE-LESSON ASSIGNMENT

Nil.

APPROACH

An interactive lecture method was chosen for TP 1 and TP 2 to introduce the cadets to whipping the end of a line using a common whipping.

A demonstration and performance was chosen for TP 3 as it allows the instructor to explain and demonstrate the skill the cadets are expected to acquire while providing an opportunity for the cadets to practice the skill under supervision.

INTRODUCTION

REVIEW

Nil.

OBJECTIVES

By the end of this lesson the cadet shall have whipped the end of a line using a common whipping, and be familiar with its characteristics.

IMPORTANCE

Knowledge of the common whipping will assist the cadet in future training and is needed to learn more advanced seamanship skills.

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The following are some suggestions to make the class more enjoyable for the cadets:

- Use different coloured line to instruct the whipping.
- It may be useful to put the accompanying diagram on an overhead.
- Try using simulations such as whipping the end of a line from a sail or the line used to hoist the flag at colours.
- Have senior cadets circulate through the class to check the cadets' progress.



Bight

A bight is any curved section, slack part, or loop between the ends of a rope, string, or yarn.

Standing end

The standing end is the end of the rope not involved in the knot.

Standing part

Section of line between knot and the standing end.

Working end

The active end of a line used in making the knot.

Working part Section of line between knot and the working end.

Teaching point 1 **List types of whippings.**

Time: 5 min Method: Interactive Lecture

TYPES OF WHIPPINGS

Briefly explain that there are other types of whippings, but that this class will focus on the common whipping only. Other types of whippings include:

- sailmaker's whipping;
- west country whipping; and
- french whipping.

CONFIRMATION OF TEACHING POINT 1

QUESTION:

Q1. What are some other types of whippings?

ANTICIPATED ANSWER:

A1. Sailmaker's, west country, and french whipping.

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Teaching point 2 **Describe the purpose of whippings.**

Time: 5 min Method: Interactive Lecture

PURPOSE OF WHIPPINGS

A whipping:

- is a binding of fine twine made at the end of a line;
- prevents the line from coming undone, unravelled or frayed; and
- can also be used to mark points along a line.



It may be useful to offer several words that mean essentially the same thing, eg, frayed, unravelled, undone, to give the cadets a choice of words to remember.

CONFIRMATION OF TEACHING POINT 2

QUESTION:

Q1. What is the purpose of a whipping?

ANTICIPATED ANSWER:

A1. It stops a line from coming undone, unravelled or frayed, and can also mark points along a line.

Teaching point 3 **Explain, demonstrate, and have the cadets whip the end of a line using the common whipping.**

Time: 40 min Method: Demonstration and Performance



Explain, demonstrate and have the cadets whip the end of a line using the common whipping. Have whippings in various stages of completion, as well as several completed whippings, to show the cadets.

COMMON WHIPPING

The following steps are used for creating a common whipping:

1. Make a bight in the twine, laying it across the line to be whipped.
2. Make tight turns with the twine around the line and over the two ends of the twine that are on top of the line.
3. Tuck the working end of the twine through the bight.
4. Pull the tail so as to trap the working part in the middle of the whipping.
5. Trim the ends of the whipping twine and the line.

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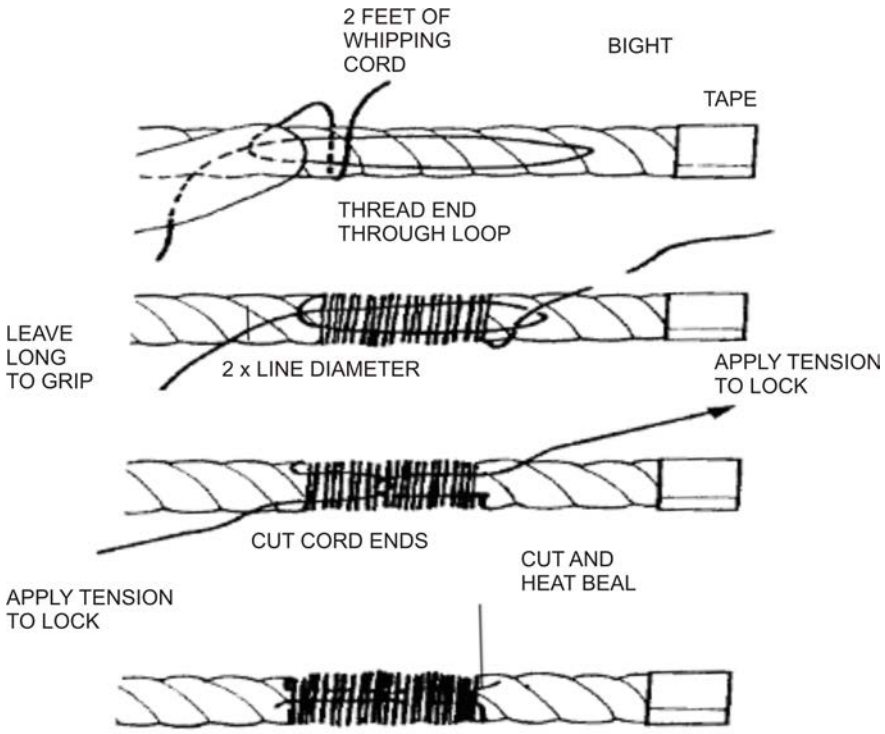

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Figure 1 Steps to Complete a Common Whipping

Time: 10 min

OBJECTIVE

The objective of this activity is to have the cadets discover the importance of whipping lines.

RESOURCES

- Various types of line (eg, polypropylene, nylon, manila) with both whipped and unwhipped ends.
- Blocks

ACTIVITY LAYOUT

Nil.

ACTIVITY INSTRUCTIONS

1. Have the cadets tie the knots, bends and hitches with unwhipped line.

2. Have the cadets pass unwhipped line through a block.

3. Have the cadets attempt these activities using several different types of line.

4. Ask the cadets if they noticed any problems.

5. Ensure that cadets are aware that the strands of line will separate (unravel, unlay) with continued use and strands or individual fibres will snag on sharp objects. Also, the safety hazards, including loose fibres becoming caught in block parts, and unlayed strands reducing the strength of the lines.

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SAFETY

Ensure the cadets do not get fingers caught in the blocks when attempting to pass the line through.

END OF LESSON CONFIRMATION

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

CONCLUSION

HOMEWORK/READING/PRACTICE

The cadets shall be encouraged to continue practicing the common whipping on their own time to maintain their knowledge and skills.

METHOD OF EVALUATION

Nil.

CLOSING STATEMENT

The common whipping will be used in a variety of cadet training activities so it is important that the cadets become proficient with basic whippings.

INSTRUCTOR NOTES/REMARKS

Nil.

REFERENCES

A1-004 B-GN-181-105/FP-E00 Maddison, G.R., Chief of Maritime Staff (1997). CFCD 105 Fleet Seamanship Rigging and Procedures Manual. Ottawa, ON.

C1-002 ISBN 0-7858-1446-9 Pawson, D. (2001). *Pocket Guide to Knots and Splices*. Edison, NJ: Charwell Books, Inc.

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