ROYAL CANADIAN SEA CADETS

PHASE ONE

INSTRUCTIONAL GUIDE

SECTION 5

EO C121.02 – WHIP THE END OF A LINE USING A SAILMAKER'S 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

A demonstration and performance was chosen for this lesson 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 sailmaker's whipping.

IMPORTANCE

Knowledge of the sailmaker's whipping will give the cadet more versatility when completing advanced seamanship skills.

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Verify against the official publication.

Teaching point 1 **Explain, demonstrate and have the cadets whip the end of a line using a sailmaker's whipping.**

Time: 50 min Method: Demonstration and Performance

SAILMAKER'S WHIPPING

The sailmaker's whipping is the most secure of the whippings, but can only be made at the end of a three-strand line. By winding the whipping twine around the line, it will not easily come undone.

The following steps are used to make the sailmaker's whipping:

1. Open or unlay the strands at the end of the line for about two inches.

2. Make a bight about nine inches long in the whipping twine and pass the bight over one strand of the line, letting the bight hang down, and bring the two ends of the twine towards you between the other two strands.

3. Ensure that you now have a bight (A) on one side of the line, and the short end (B) and working part of the twine (C) on the other side, as shown in Diagram 1.

4. Relay the strands of the line.

5. Whip the line tightly using the working part of the twine (C), moving towards the end of the line, and going against the lay. Put on enough turns so that the whipping is as long as the diameter of the line.

6. Take the slack of the bight (A) and, following the line of the strand (1) as it lies under the whipping, slip the end of the bight over the end of strand (1) as it emerges from the top of the whipping (see figure); it should follow the path of the groove in the line.

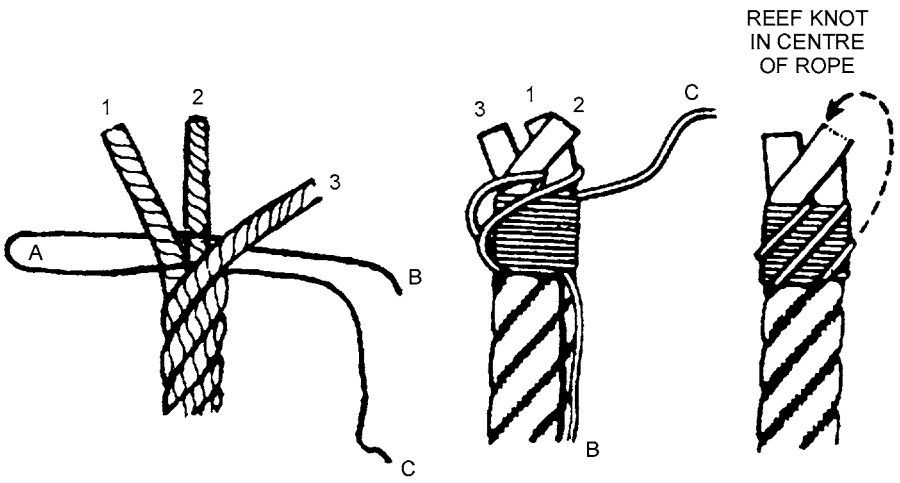
7. Tighten the bight by pulling firmly on the short end (B). The two parts of the bight will now occupy the grooves on either side of the strand (1).

8. Take the short end (B) and, following the remaining groove, bring it up outside the whipping and between the strands (1) and (3) as they emerge from the top of the whipping.

9. Take the end of the working part (C) and bring it between strands (1) and (3) from the opposite side of which the short end comes up.

10. Finish the whipping by tying the working part and short end together with a reef knot in the middle of the line and out of sight. Trim the ends to finish the whipping.

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Royal Canadian Sea Cadet Manual, Vol 1, 1983

Figure 1 Making a Sailmaker's Whipping



Have samples of the completed whipping, as well as examples of the whipping in several stages of completion to show the cadets.

Time: 35 min

OBJECTIVE

The objective of this activity is to have the cadets whip the end of a line using a sailmaker's whipping.

RESOURCES

- Line, one per cadet,
- One metre of whipping twine, one per cadet.
- Samples of the whipping in several stages of completion.
- Samples of the completed whipping.

ACTIVITY LAYOUT

Nil.

ACTIVITY INSTRUCTIONS

1. Provide each cadet with a length of line and whipping twine.
2. Demonstrate each step of the whipping.
3. Have the cadets complete each step after it has been demonstrated.
4. Have the cadets practice the whipping.

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SAFETY

Nil.

END OF LESSON CONFIRMATION

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

CONCLUSION

HOMEWORK/READING/PRACTICE

Encourage the cadets to continue practicing the whipping on their own time to maintain their knowledge and skills.

METHOD OF EVALUATION

Nil.

CLOSING STATEMENT

The sailmaker's whipping can be used in a variety of cadet training activities; therefore it is beneficial for the cadets to become proficient in this skill.

INSTRUCTOR NOTES/REMARKS

Schedule the two periods consecutively.

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.

A1-009 A-CR-CCP-004/PT-001 D Cdts (1983). *Royal Canadian Sea Cadets Manual Volume 1*. 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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