ROYAL CANADIAN SEA CADETS

PHASE TWO

INSTRUCTIONAL GUIDE

SECTION 2

EO M221.02 – MOUSE A HOOK

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.

Photocopy the handout located at Annex A for each cadet.

PRE-LESSON ASSIGNMENT

N/A.

APPROACH

An interactive lecture was chosen for TP1 as it allows the instructor to orient the cadets to mousing a hook.

Demonstration and performance was chosen for TP2 and TP3 as it allows the instructor to explain and demonstrate mousing a hook while providing an opportunity for the cadets to practice this skill under supervision.

INTRODUCTION

REVIEW

N/A.

OBJECTIVES

By the end of this lesson the cadet shall have moused a hook.

IMPORTANCE

It is important for cadets to know how to mouse a hook as it is not only a practical skill when securing loads to a hook, but a safety precaution whenever any hook is under stress.

Unofficial convenience copy of A-CR-CCP-602/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-602-PF-001/A-CR-CCP-602-PF-001.pdf.
Verify against the official publication.

Teaching point 1 **Describe Mousing a Hook**

Time: 5 min Method: Interactive Lecture

MOUSING A HOOK

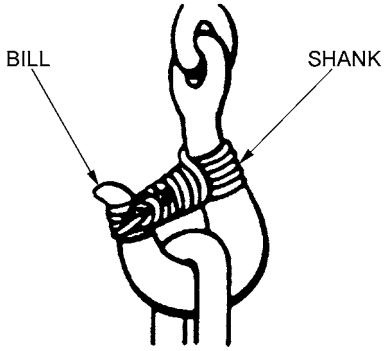
Mousing a hook is securely wrapping a length of line or small wire between the bill and shank of a hook.

PURPOSE

Mousing is used to prevent a load from slipping off a hook.



Identify the two parts of a hook, illustrated in Figure 1, that will be used when mousing a hook.



B-GN-181-105/FP-E00 (p. 5-46)

Figure 1 Completed Mousing



Have a hook moused to use as an example.

CONFIRMATION OF TEACHING POINT 1

QUESTIONS

Q1. What is mousing a hook?

Q2. What is used to mouse a hook?

Q3. What is the purpose of mousing a hook?

Unofficial convenience copy of A-CR-CCP-602/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-602-PF-001/A-CR-CCP-602-PF-001.pdf.
Verify against the official publication.

ANTICIPATED ANSWERS

A1. Mousing a hook is securely wrapping a length of line or small wire between the bill and shank of a hook.

A2. Small line or whipping twine.

A3. Mousing is used to prevent a load from slipping off a hook.

Teaching point 2 **Demonstrate and Have the Cadets Mouse a Hook**

Time: 50 min Method: Demonstration and Performance



Explain and demonstrate the steps to mousing a hook prior to the cadets completing their own. Distribute whipping twine, hook and handout to the cadets.

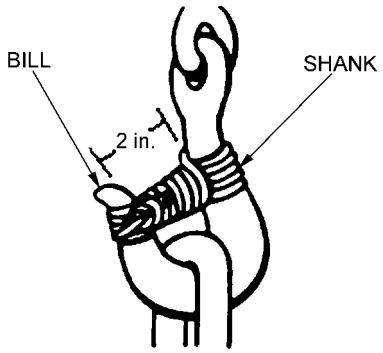


Coat hangers may be used in place of hooks. Bend one end of the coat hanger to serve as the bill of the hook.

MOUSING A HOOK

Steps to Mousing a Hook

1. Cut a length of whipping twine that is approximately six times the distance between the bill and shank of the hook (e.g. 10 cm distance between the bill and shank requires a 60 cm length of line, 2 inch distance between the bill and shank requires a 12 inch length of line, etc.).



B-GN-181-105/FP-E00 (p. 5-46)

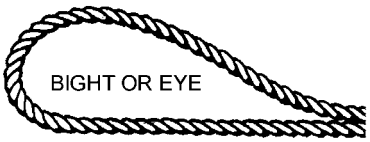
Figure 2 Example of Distance Between the Shank and Bill

2. Using the full length of twine, make a bight in the middle of the length of twine.



A bight is when you make a loop in a piece of line.

Unofficial convenience copy of A-CR-CCP-602/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-602-PF-001/A-CR-CCP-602-PF-001.pdf.
Verify against the official publication.

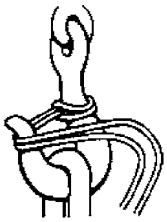


Royal Navy, Admiralty Manual of Seamanship 1964, Her Majesty's Stationery Office (p. 154)

Figure 3 Bight

3. Place the bight around the shank and pass the ends through the bight.

4. Tightly wrap the ends around the bill and back around the shank.



B-GN-181-105/FP-E00 (p. 5-46)

Figure 4 Mousing (Steps Three and Four)

5. Complete step four again, hauling the turns taut.

6. Holding one end of the whipping twine near the shank bring the other to the bill.

Tightly hold the whipping twine against the bill with your thumb and index finger.

7. Bring the piece of whipping twine near the shank up and around the shank.

8. Starting underneath, begin wrapping the end of the whipping twine around the turns made between the bill and shank in steps four and five.



B-GN-181-105/FP-E00 (p. 5-46)

Figure 5 Mousing (Steps Six to Eight)

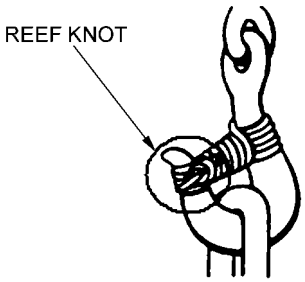
Be sure to keep tension on the whipping twine to ensure the mousing does not slip off when completed.

9. Continue to wrap the whipping twine around the turns between the bill and the shank until it reaches the bill.

Unofficial convenience copy of A-CR-CCP-602/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-602-PF-001/A-CR-CCP-602-PF-001.pdf.
Verify against the official publication.

10. Complete the mousing by tying a reef knot between the two ends of the whipping twine at the bill of the hook.

11. Cut off the excess whipping twine.



B-GN-181-105/FP-E00 (p. 5-46)

Figure 6 Mousing (Steps Nine to Eleven)



Allow the cadets to practice mousing a hook. The steps to mousing a hook are outlined in Annex A. Provide each cadet with a copy of these instructions.

CONFIRMATION OF TEACHING POINT 2

QUESTIONS

Q1. What is the first step in mousing a hook?

Q2. What is a key point to remember when mousing a hook?

Q3. What knot is used to end a mousing?

ANTICIPATED ANSWERS

A1. Cut a piece of whipping twine to a length approximately six times the distance between the bill and the shank of the hook.

A2. Be sure to keep tension on the whipping twine to ensure the mousing does not slip off when completed.

A3. A reef knot.

END OF LESSON CONFIRMATION

The cadets' mousing a hook will serve as the confirmation of this lesson.

CONCLUSION

HOMEWORK/READING/PRACTICE

N/A.

Unofficial convenience copy of A-CR-CCP-602/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-602-PF-001/A-CR-CCP-602-PF-001.pdf.
Verify against the official publication.

METHOD OF EVALUATION

N/A.

CLOSING STATEMENT

Mousing a hook is a practical skill that is still used in the Canadian Navy today when spring hooks are not available and a mousing must be applied. It is important to know how to mouse a hook in order to safely attach a load to any hook, preventing potential accidents and injuries.

INSTRUCTOR NOTES/REMARKS

Coat hangers may be used in place of hooks. Bend one end of the coat hanger to serve as the bill of the hook.

REFERENCES

A1-004 B-GN-181-105/FP-E00 Chief of Maritime Staff. (1997). *CFCD 105 Fleet Seamanship Rigging and Procedures Manual.* Ottawa, ON: Department of National Defence.

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

Unofficial convenience copy of A-CR-CCP-602/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-602-PF-001/A-CR-CCP-602-PF-001.pdf.
Verify against the official publication.

MOUSING A HOOK

Steps to Mousing a Hook

1. Cut a length of whipping twine that is approximately six times the distance between the bill and shank of the hook (e.g. 10 cm distance between the bill and shank requires a 60 cm length of line, 2 inch distance between the bill and shank requires a 12 inch length of line, etc.).

2. Using the full length of twine, make a bight in the middle of the length of twine.

3. Place the bight around the shank and pass the ends through the bight.

4. Tightly wrap the ends around the bill and back around the shank.

5. Complete step four again, hauling the turns taut.

6. Holding one end of the line near the shank bring the other to the bill.

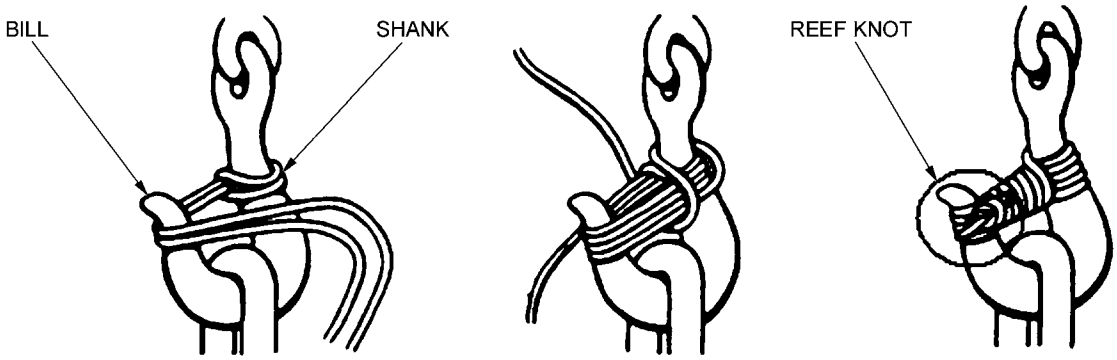
7. Bring the piece of whipping twine near the shank up and around the shank.

8. Starting underneath, begin wrapping the end of the whipping twine around the turns made between the bill and shank in steps four and five.

9. Continue to wrap the whipping twine around the turns between the bill and the shank until it reaches the bill.

10. Complete the mousing by tying a reef knot between the two ends of the whipping twine at the bill of the hook.

11. Cut off the excess whipping twine.



B-GN-181-105/FP-E00 (p. 5-46)

Figure A-1 Mousing a Hook

Unofficial convenience copy of A-CR-CCP-602/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-602-PF-001/A-CR-CCP-602-PF-001.pdf.
Verify against the official publication.

THIS PAGE INTENTIONALLY LEFT BLANK

Unofficial convenience copy of A-CR-CCP-602/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-602-PF-001/A-CR-CCP-602-PF-001.pdf.
Verify against the official publication.