

## ASSIGNMENT 2

Textbook Assignment: "Watchstander's Equipment" (continued) and "Marlinespike Seamanship," chapters 2 and 3, pages 2-11 through 3-30.

IN ANSWERING QUESTIONS 2-1 THROUGH 2-4, SELECT FROM COLUMN B THE SPEED REQUIRED FOR THE PULSATING LIGHT IN COLUMN A.

	<u>A. SPEED</u>	<u>B. PULSATION</u>
2-1.	One-third speed ahead	1. Four white flashes in 6 seconds
2-2.	Full speed ahead	2. Steady white light
2-3.	Standard speed ahead	3. One white flash in 6 seconds
2-4.	Stop	4. Steady red light

2-5. Standing lights are dim blue lights installed throughout a ship's interior.

1. True
2. False

2-6. What is the most reliable system of interior communications?

1. Messenger
2. Radio
3. Voice
4. Flashing light

2-7. What first-letter designation is assigned to sound-powered circuits?

1. J
2. S
3. T
4. X

2-8. What is the proper designation for the commanding officer's battle circuit?

1. JX
2. JW
3. JL
4. JA

IN ANSWERING QUESTIONS 2-9 THROUGH 2-12, SELECT THE SOUND-POWERED CIRCUIT LISTED IN COLUMN B THAT IS CONTROLLED BY THE OFFICER LISTED IN COLUMN A.

	<u>A. OFFICER</u>	<u>B. CIRCUIT</u>
2-9.	Weapons officer	1. JZ
2-10.	Navigation officer	2. 1JV
2-11.	DCA	3. JC
2-12.	Conning officer	4. JW

2-13. The voice tube is the primary means of interior communication on most patrol boats.

1. True
2. False

2-14. What communication circuit aboard ship is used to pass general information to all hands?

1. 1MC
2. 2MC
3. 3MC
4. 4MC

2-15. What communication circuit is the general announcing system for the hangar deck area?

1. 1MC
2. 2MC
3. 3MC
4. 21MC

2-16. When you are using the 24MC to communicate with the signal bridge, what signal indicates that the receiving station is ready to receive?

1. A steady buzzing sound
2. A pulsating buzzing sound
3. A steady red light
4. A blinking red light

- 2-17. What MC circuit is the combat information announcing system?
1. 20MC
  2. 21MC
  3. 22MC
  4. 24MC
- 2-18. Which of the following equipment are NOT normally used by lookouts?
1. Sunglasses
  2. Alidades
  3. Peloruses
  4. Binnacles
- 2-19. What is the proper way to focus a pair of binocular?
1. Adjust one eyepiece at a time, with the opposite lens covered, but with both eyes open
  2. Adjust both eyepieces at the same time
  3. Adjust one eyepiece at a time, with the opposite eye closed
  4. Adjust one eyepiece at a time, with both lenses uncovered and both eyes open
- 2-20. What focus number should you use to change the binocular setting from day to night use?
1. -1
  2. +1
  3. -4
  4. +4
- 2-21. Of the following circles, which one(s) reflect(s) a properly adjusted pair of binoculars for your inter-pupillary distance (IPD)?
1. A single circle
  2. Two circles not overlapped
  3. Three circles
  4. Overlapping circles
- 2-22. What will happen to your vision if you have the wrong IPD setting at night?
1. Objects will appear smaller
  2. Objects will appear larger
  3. Object glare will increase
  4. Light for your eyes will be cut out
- 2-23. Which of the following is NOT a procedure that should be used during the breakdown of a Navy ship at sea?
1. Hoisting two black balls, one above the other
  2. Hoisting two black balls and one diamond
  3. Hoisting the flag FIVE
  4. Sounding six or more blasts on the ship's whistles
- 2-24. What light signal should your ship display at night to indicate a breakdown?
1. Two red lights in a horizontal line
  2. Two red lights in a vertical line
  3. Two white lights in a horizontal line
  4. Two white lights in a vertical line
- 2-25. During peacetime, what night signal indicates a man overboard?
1. Two horizontal blinking red lights
  2. Two horizontal steady red lights
  3. Two vertical blinking red lights
  4. Two vertical steady red lights
- 2-26. What signal should you use to direct a lifeboat to return to the ship?
1. One red star
  2. Two red stars
  3. One green star
  4. Two green stars

IN ANSWERING QUESTIONS 2-27 THROUGH 2-30, SELECT FROM COLUMN B THE HOIST YOU SHOULD EXECUTE WHEN GIVEN THE ORDER LISTED IN COLUMN A.

	<u>A. ORDER</u>	<u>B. HOIST</u>
2-27.	STEER RIGHT	1. EIGHT
2-28.	STEER STRAIGHT TOWARD SHIP	2. QUEBEC 3. EIGHT STBD
2-29.	STEER STRAIGHT AWAY FROM SHIP	4. EIGHT SCREEN
2-30.	RETURN TO SHIP	

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2-31. You are the aft lookout during the mid watch when you observe an individual fall overboard. After the lifeboat has been lowered to search for the individual, you observe a red pyrotechnic fired from the lifeboat. What information is the lifeboat signaling?

1. The lifeboat is returning to the ship
2. The lifeboat cannot find the man
3. The lifeboat needs assistance
4. The lifeboat has recovered the man

3-32. In three-strand line, fibers and strands are twisted in the same direction.

1. True
2. False

3-33. What type of braided line retains about 50 percent of its strength in the core?

1. Double-braided
2. Plaited
3. Solid-braided
4. Hollow-braided

2-34. What type of braided line should you use to construct signal halyards aboard ship?

1. Plaited
2. Solid-braided
3. Single-braided
4. Double-braided

2-35. Approximately what percent does natural fiber line deteriorate in 2 years from weathering alone?

1. 10
2. 20
3. 30
4. 40

2-36. Natural fiber line over 5 years old should only be used for operations such as lashing, matting, and fenders.

1. True
2. False

2-37. What is line that is less than 1 1/2 inches in circumference called?

1. Twine
2. Small stuff
3. Hawser
4. Marline

2-38. Which of the following factors determines the size of small stuff?

1. Diameter
2. Circumference
3. The number of threads it contains
4. The number of strands it contains

2-39. What is the most common type of small stuff used aboard ships?

1. Houseline
2. Roundline
3. Sail twine
4. Marline

- 2-40. Tattle-tale cords can be used to determine the strength of aramid (Kevlar) fiber line.
1. True
  2. False
- 2-41. What publication contains the safety precaution for handling synthetic fiber line?
1. *Naval Ships' Technical Manual*, Chapter 612
  2. *Naval Ships' Technical Manual*, Chapter 613
  3. *Naval Ships' Technical Manual*, Chapter 614
  4. *Naval Ships' Technical Manual*, Chapter 615
- 2-42. What line is recommended by NAVSEA for use aboard ships for mooring lines and tending lines?
1. Aramid fiber (Kevlar)
  2. Natural fiber
  3. Polyethylene
  4. Polypropylene
- 2-43. When synthetic line is placed under tension, line handlers should be placed how many degrees from the direction of the tension force?
1. 30°
  2. 45°
  3. 60°
  4. 90°
- 2-44. Which of the following knots is known to offer reasonable security in synthetic lines?
1. Bowline
  2. Square
  3. Reef
  4. Double carrick
- 2-45. The maximum length to which a 300-foot double-braided hawser can be stretched without parting is approximately how many feet?
1. 325
  2. 354
  3. 372
  4. 400
- 2-46. Which of the following is NOT a visual warning that synthetic line tension is exceeding its safe working limit and is in danger of parting?
1. The line begins to smoke because of the heat generated by stretching
  2. The line diameter becomes larger as stretching continues
  3. The line diameter becomes smaller as stretching continues
  4. The tattle-tale cord lays taut against the line
- 2-47. A recommended way to make up a line is to lay it out in long, flat bights. What procedure is this called?
1. Coiling
  2. Faking
  3. Flemishing
  4. Laying
- 2-48. What is the purpose for whipping a loose line?
1. To prevent unlaying
  2. To prevent chafing
  3. To prevent deterioration
  4. To prevent kinking
- 2-49. For what purpose is a wooden fid used?
1. To splice wire
  2. To splice line
  3. To splice spring lay
  4. To tighten shackles
- 2-50. What tool should you use to splice wire?
1. A fid
  2. A mallet
  3. An awl
  4. A marlinespike
- 2-51. What is the best knot to use for making a temporary eye in a mooring line?
1. Square
  2. Rose
  3. Bowline
  4. Sheepshank

- 2-52. Which of the following knots offers the best security when bending two lines together?
1. Bowline
  2. Square
  3. Becket bend
  4. Carrick
- 2-53. What is the best knot to use for bending together two lines of different sizes?
1. Square
  2. Becket bend
  3. Carrick
  4. Bowline
- 2-54. In an emergency, which bowline knot is the best for raising an unconscious crewman from a motor whale boat to the main deck?
1. French
  2. Running
  3. Bend
  4. Rolling
- 2-55. What type of hitch should be used to pass a stopper on a mooring line?
1. Half
  2. Clove
  3. Rolling
  4. Marline
- 2-56. What is the best hitch to use to bend a line to a round object?
1. Half
  2. Clove
  3. Rolling
  4. Marline
- 2-57. What type of splice should you use when a slight enlargement of the diameter of the line is of no importance?
1. Eye
  2. Short
  3. Long
  4. Sail
- 2-58. When splicing line, the number of tucks for natural and synthetic line should be the same.
1. True
  2. False
- 2-59. Galvanized wire rope ordinarily should NOT be used for which of the following purposes?
1. Hoisting
  2. Life lines
  3. Standing rigging
  4. Running rigging
- 2-60. Which of the following sizes of wire rope is the strongest of all wire rope?
1. 6 x 37
  2. 6 x 30
  3. 6 x 19
  4. 6 x 7
- 2-61. If a wire rope becomes kinked, you should try to pull the kink out by putting strain on the wire rope.
1. True
  2. False
- 2-62. Wire rope should NEVER be stowed where it can be exposed to which of the following elements?
1. High temperatures
  2. Low temperatures
  3. Greases
  4. Acid
- 2-63. A total of how many wire rope clips should you use to make a temporary eye splice in a 1-inch 6 x 7 rope?
1. One
  2. Two
  3. Five
  4. six

- 2-64. Wire rope clips should be spaced apart at a distance equal to how many times the diameter of the wire?
1. One
  2. Two
  3. Six
  4. Four
- 2-65. What tool should be used to increase tension on a wire rope 1 5/8 inches or more in diameter?
1. Fid
  2. Marlinespike
  3. Serving bar or iron
  4. Wrench
- 2-66. When working with wire rope, you should wear a pair of heavy gloves to protect your hands against which of the following hazards?
1. Kinking
  2. Jamming
  3. Fishhooks
  4. Slipping
- 2-67. What does the number designation of canvas indicate?
1. Width
  2. Thread count
  3. Thickness
  4. Weight per square yard
- 2-68. Canvas is issued by which of the following measurements?
1. Square feet
  2. Linear feet
  3. Square yards
  4. Linear yards
- 2-69. What is the recommended solution for cleaning dirty canvas?
1. Mild soap and water
  2. Strong soap and water
  3. Warm water only
  4. Mild soap only
- 2-70. Where is white, untreated canvas normally used aboard ship?
1. Above decks
  2. Below decks
  3. Aft
  4. Mid ship
- 2-71. What type of stitch should you use to mend tears in light and medium canvas?
1. Flat
  2. Round
  3. Baseball
  4. Herringbone
- 2-72. What type of synthetic cover is used to protect the ship's crew from the sun and weather?
1. Awnings
  2. Beeswax
  3. Bench hook
  4. White, untreated
- 2-73. Which of the following types of leather is NOT likely to be used aboard ship?
1. Rigging
  2. Belting
  3. Artificial
  4. Lacing