GMDSS/STCW MODEL COURSE THEORETICAL TEST POOL ANSWERS
January 26, 1998 Edition

GENERAL

1. Accounting Authority Identification Code

2. Global Maritime Distress and Safety System

3. GMDSS

4. Automate and improve emergency communications for the world's shipping industry.

5. B

6. D

7. D

8. C

9. A

10. D

11. B

12. A

13. B

14. At-Sea Maintenance

15. A2

16. D

17. C

18. C

19. A

FCC RULES

1. Federal Communications Commission.

2. Passenger ships of any size, cargo ships of 300 tons and upwards.

3. Two

4. Primary GMDSS Radio Operator

5. February 1, 1995

6. One

7. Two

8. GMDSS Radio Maintainer

9. 2

10. February 1, 1999

11. At least once every 12 months

12. True

13. False

14. Strike through entry, initial and date

15. 30 days

16. 3 years

17. At the principal radio operating location.

18. True

19. True

20. False

21. February 1, 1999

22. D

23. C

24. B

25. C

26. C

27. A

28. D

29. A

30. A

31. C

32. B

33. B

34. A

35. B

36. Reserve Source of Energy

37. False

38. C

VHF SCT

1. Name of vessel or International Radio Call Sign.

2. VHF Survival Craft Transceiver or VHF Lifeboat Radio

3. VHF Survival Craft Transceiver or VHF Lifeboat Radio

4. Frequency Modulation (FM), or Phase Modulation (PM)

5. False

6. 8

7. False. This could cause an explosion.

8. False.

9. False

10. When used in emergency, or the expiration date has passed.

11. 0.25 Watts

12. Lower Power switch

13. False

14. Detect weak signals.

15. Three

16. Portable Survival Craft Transceivers

17. True

18. Volume Control

19. D

20. A

21. D

22. B

23. A

SART

1. Search and Rescue Transponder.

2. A

3. B

4. B

5. C

6. B

7. C

8. A

9. C

10. C

11. B

12. D

13. B

14. D

15. C

16. B

17. D

18. B

19. B

20. A

21. A

22. A

23. B

24. B

25. SART

26. FALSE

27. Visual or audible

28. 96

29. 8

30. Homing Signals

31. 9 GHz, 3 cm, X band

EPIRB

1. Local User Terminal (type of station used in the COSPAS-SARSAT system)

2. Mission Control Center (type of staiton used in the COSPAS-SARSAT system)

3. B

4. B

5. B

6. C

7. A

8. D

9. D

10. B

11. B

12. D

13. A

14. COSPAS-SARSAT

15. INMARSAT

16. LUT

17. MCC

18. Improved location accuracy and probability of detection.

19. Once every 50 seconds.

20. 500 milliseconds

21. Digital encoded ID, MMSI or Hexadecimal ID

22. 121.5 MHz

23. Continuously

24. Strobe light is flashing

25. NOAA or NESDIS

26. True

27. Proof of registration decal, registration decal, NOAA decal.

28. False

29. False

30. True

31. Place the unit in the “off” position.

32. When info on the current registration certificate record becomes obsolete, or when the proof of registration certificate expires.

33. Category 1 or 406 MHz beacon.

34. Manually or float-free

35. Disable the transmitter, disconnect the battery, etc.

36. When rescued, when instructed by competent SAR forces.

37. Monthly

38. 4 meters or less

39. True

40. True

41. True

42. True

43. True

44. Prior to the ARM expiration date.

45. INMARSAT

46. False. Real time coverage is not provided globally, only ocean areas A1, A2, & A3

47. Coast Earth Station (CES), Land Earth Station (LES)

48. True

49. 48 hours

50. INMARSAT

51. False

52. True

53. True

54. 1.6 GHz or 1600 MHz band

55. NOAA

56. 121.5 and 406 MHz

57. Emergency Position Indicator Radio Beacon

INMARSAT

1. Above Deck Equipment

2. Atlantic Ocean Region-East

3. Atlantic Ocean Region-West

4. Below Deck Equipment

5. Coast Earth Station

6. Indian Ocean Region

7. Land Earth Station

8. Mobile Earth Station

9. Network Coordination Station (allocates channels, etc. in the INMARSAT system)

10. Pacific Ocean Region

11. Public Switched Telephone Network

12. Ship Earth Station

13. D

14. Out of Order

15. No Circuits

16. Who Are You?

17. False

18. INMARSAT

19. Space, ground and mobile

20. Four

21. AOR-E, AOR-W, POR, IOR

22. 581

23. 584

24. 582

25. 583

26. 871

27. 874

28. 872

29. 873

30. AOR-E

31. AOR-W

32. IOR

33. POR

34. CES or LES

35. COMSAT, IDB

36. NCS

37. INMARSAT-A

38. True

39. INMARSAT B Service

40. INMARSAT B

41. False

42. True

43. False

44. False

45. True

46. True

47. True

48. A, B, C

49. False

50. True

51. True

52. False

53. Commissioning

54. True

55. A3

56. INMARSAT-A, INMARSAT-B

57. INMARSAT C

58. D

59. A

60. D

61. C

62. B

63. A

64. A

65. D

66. B

67. D

68. B

69. D

70. C

71. A

72. D

73. B

74. C

75. A

76. C

77. D

78. A

79. B

80. C

81. B

82. B

83. B

84. B

85. B

86. B

87. B

88. A

89. C

90. C

91. B

92. B

93. A

94. B

95. B

96. C

97. D

98. A

99. D

100. C

101. D

102. B

103. C

104. D

105. C

106. D

107. D

108. C

109. B

110. C

111. B

112. B

113. C

114. C

115. C

116. B

117. A

118. A

119. A

120. B

121. A

122. B

123. C

124. C

125. A

126. C

127. C

128. A

129. C

130. B

131. C

132. C

133. B

134. A

135. D

136. D

137. D

138. C

NAVTEX

1. Maritime Safety Information

2. (e.g., BA01 or BA99)

3. Navigational warnings, weather warnings, and SAR and distress alert information.

4. Category L (Navigational Warnings in addition to Category A)

5. 8

6. Asterisk or a space

7. August 1, 1993

8. Maritime Safety Information

9. D

10. C

11. D

12. D

13. B

14. B

15. A

16. D

17. B

18. B

19. A

20. A

21. B

22. D

23. B

24. A

25. D

26. A

27. A

28. D

29. D

SAFETYNET

1. Enhanced Group Call

2. International Hydrographic Organization

3. EGC

4. True

5. True

6. True

7. True

8. True

9. True

10. Aural and /or Visual alarms are activated.

11. Navigational Warnings, Weather Warnings, Search and Rescue Information

12. Enhanced Group Calling

13. False

14. Ship's position, ship's ocean region, types of messages desired, coastal zones desired

15. False

16. B

17. D

18. B

19. A

20. A

21. B

22. B

23. A

24. C

25. B

HF MSI

1. B

2. D

3. NAVTEX and HF NBDP

4. HF NBDP

5. True

6. Eight

7. False

8. FEC

9. True

10. True

11. None. HF receivers have no selective rejection capability.

12. A

HF NBDP SITOR

1. Automatic Repetition Request
2. Coast Radio Station
3. Forward Error Correction
4. High Frequency (frequencies in the range of 3-30 MHz)
5. Narrow Band Direct Printing
6. Selective Calling
7. Telex Over Radio
8. B
9. B
10. SELCALL
11. Go Ahead
12. Invitation to Transmit
13. Occupied
14. Will you listen to . . . on . . . (or in the bands. . ./channels. . .)?
15. Will you send on this frequency (or on. . .MHz (or kHz))?
16. Can you acknowledge receipt?
17. What is your position in latitude and longitude?
18. How many telegrams have you to send?
19. B
20. A
21. A
22. C

23. C

24. B

25. A

26. A

27. C

28. D

29. C

30. B

31. C

32. B

33. B

34. A

35. When the control signal is not received from the Information Receiving Station.

36. Terrestrial,SITOR, NBDP

37. ARQ

38. FEC

39. DIRTLX

40. 4

41. OPR+

42. AAB

43. B

44. Mode A SITOR

45. B

DIGITAL SELECTIVE CALLING

1. Digital Selective Calling

2. Maritime Identification Digits

3. MMSI

4. 3 minutes

5. Yes

6. Once every 4 hours

7. Channel 70 or 156.525 MHz

8. 2187.5 kHz

9. 8414.5 kHz and one other designated HF DSC frequency.

10. Yes

11. Voice or SSB

12. Channel 70 or 156.525 MHz

13. Telex, NBDP, SITOR

14. A1

15. A2

16. DSC

17. 4,6,8,12,16 MHz

18. D

19 C

20. D

21. B

22. D

23. C

24. D

25. D

26. B

27. C

28. A

29. A

30. C

EMERGENCY PROCEDURE

1. Search and Rescue

2. D

3. C

4. C

5. A

6. A

7. A

8. A

9. A

10. A

11. A

12. B

13. United States Coast Guard

14. True

15. Visual and Aural Alarms

16. AMVER

17. Mayday relay

18. Transmit the 2-tone alarm

19. Rescue Coordinating Center

FUNDAMENTALS OF COMMUNICATION

1. Automatic Gain Control

2. Amplitude Modulation

3. Frequency Modulation

4. Kilo Hertz (1000 Hertz)

5. Line Feed

6. Medium Frequency (frequencies in the range 300-3000 kHz)

7. Mega Hertz

8. Radio Frequency

9. Single Side Band

10. Ultra High Frequency

11. Very High Frequency

12. B

13. A

14. B

15. B

16. D

17. Hydrometer

18. Dummy load.

ACRONYMS

1. Greenwich Mean Time
2. Global Positioning System
3. International Civil Aviation Organization
4. International Maritime Organization
5. International Telecommunication Union
7. Special Drawing Rights
8. Safety of Life at Sea
9. Transmitter
10. Upper Side Band
11. United States Coast Guard

MSI

1. SafetyNET or HF NBDP
2. NAVTEX, SafetyNET, HF NBDP
3. INMARSAT-C
4. SafetyNET
5. USCG, DMA (or NIMA), NOAA (or NWS)
6. Navigational Warnings
7. Meteorological or Weather Warnings
8. Distress Alerts
9. WWNWS

10. SafetyNET

COAST RADIO STATIONS

1. B
2. C
3. B
4. C
5. A
6. C
7. B
8. B
9. C
10. B
11. D
12. B
13. D
14. B
15. A
16. B
17. A
18. A
19. B
20. A
21. D