

- C. the working mode only
D. only the service
21. Before the Inmarsat-F SES can be used in the INMARSAT system, it must have been properly _____.
A. Fixed on board ship
B. Performed and confirmed
C. Observed and studied
D. Installed and commissioned
22. DSC distress relays can be transmitted by either _____ or _____.
A. a coast station/a ship station
B. an EPIRB/a SART
C. ARQ/FEC
D. a back-up satellite/a land SAR unit
23. Under GMDSS, the reserve source of energy must be tested at what minimum intervals?
A. Weekly
B. Annually, by a representative of the MSA
C. At the annual SOLAS inspection
D. Monthly
24. Which of the following is true?
A. a compulsory VHF-DSC radiotelephone installation must be daily tested without radiation.
B. a compulsory VHF-DSC radiotelephone installation must be annually tested without radiation.
C. a compulsory VHF-DSC radiotelephone installation must be monthly tested without radiation.
D. a compulsory VHF-DSC radiotelephone installation must be weekly tested without radiation.
25. The frequency of VHF Channel 16 is _____ MHz.
A. 156.8
B. 156.525
C. 156.650
D. 156.3
26. The GMDSS enables distress alerting and its relays to be transmitted in _____ directions. ①ship-to-ship②ship-to-shore③shore-to-ship
A. ①②
B. ②③
C. ①③
D. ①②③
27. What type of information does SafetyNET promulgate?
A. MSI
B. PORT advisories
C. Traffic Lists
D. AMVER
28. A ship with the gross tonnage of 500 or upwards should be equipped with _____ portable two-way VHF sets.
A. 4
B. 3
C. 2
D. 1
29. _____ indicates that a ship is in distress and requires immediate assistance.
A. Distress traffic
B. Urgency traffic
C. Safety traffic
D. Routine message
30. Particular care should be taken in selecting CESs in areas where Ocean Regions _____.
A. cover
B. overlap
C. provide
D. consider
31. Where are the operational details of the stations for timing signals?
A. Admiralty Lists of Radio Signals, Volume I
B. Admiralty Lists of Radio Signals, Volume II
C. Admiralty Lists of Radio Signals, Volume III
D. Admiralty Lists of Radio Signals, Volume IV
32. What is the total voltage and capacity of two 12 V batteries coupled in series if each battery has capacity of 100 Ah?
A. 12 V 100Ah
B. 24 V 100 Ah
C. 12V 200 Ah
D. 24 V 200 Ah
33. _____ indicates that a ship is distress and requires immediate assistance.
A. Distress traffic
B. Urgency traffic
C. Safety traffic
D. Routine message
34. A GMDSS-equipped vessel must _____ when operating in coastal waters (sea area A1).
A. maintain a continuous DSC watch on 8514.5 kHz.
B. maintain a continuous aural watch on 2182 kHz.
C. maintain a continuous DSC watch on VHF channel 16.
D. maintain a continuous DSC watch on VHF channel 70.
35. WWNWS, the World Wide Navigational _____ Service, is a coordinate global service for the broadcast by radio of vital information on hazards to marine navigation.
A. Weather
B. Watch
C. Warning
D. Wire
36. Shipborne satellite EPIRBs can be activated _____ on floating free from a sinking ship.
A. only manually
B. only automatically
C. manually or automatically
D. by remote control
37. NBDP equipment is a full, partial or alternate carriage requirement under GMDSS for vessels operating in the sea area(s) _____.
A. A1.
B. A1 and A2.
C. A3 and A4.
D. A1, A2, A3 and A4.
38. Which equipment is required to be carried in the all sea areas?
A. VHF
B. MF
C. HF
D. SES
39. Among all NAVTEX transmissions, _____ has the absolute priority.
A. VITAL
B. IMPORTANT
C. URGENT
D. ROUTINE
40. Which action is the most appropriate for a GMDSS operator to take in a distress situation where immediate help is needed, but the vessel is not sinking nor needs to be abandoned?
A. Switch off EPIRB and SART manually
B. Transmit distress call by HF/MF/VHF DSC or INMARSAT
C. Notify the RCC (Rescue Coordination Center) through VHF on channel 11
D. Transmit distress call by activating the radiotelegraph automatic alarm signal
41. In addition to meeting the requirement of Sea area A1 and A2, every ship engaged on voyage in Sea area A4 shall be provided with _____.
A. MF radio installation with DSC
B. SES
C. MF/HF radio installation with DSC
D. DSC 2187.5kHz watch receiver
42. Via _____ you can get traditional facsimile (for graphics) service.
A. Standard-F.
B. Standard-C, ship to shore and shore to ship.
C. Cospas-Sarsat.
D. NBDP.
43. The Maritime Guidance Note 298 (M) and updated Anti-piracy sections that were contained within this chapter, have been removed and can now be found in the latest edition of The Mariner's Handbook (NP100). What does remain in this chapter is the ANTI-PIRACY Contact Table which contains a comprehensive list of contact details for the authorities that should be contacted immediately if it is considered that there is a possibility of attack, or if an attack has already commenced. The Contact Table has been inserted on a separate page so that it can be removed and placed in a prominent position within a ship to ensure ease of reference for bridge watchkeepers. The Anti-Piracy Contact Table contains details of authorities as follows: (1) UK Maritime Trade Operations (MTO) Middle East Region. (2) European Union NAVFOR, Somalia (EU NAVFOR Somalia). (3) The International Maritime Bureau Anti-Piracy Reporting Centre (IMB). (4) North Atlantic Treaty Organisation Shipping Centre (NATO). (5) Maritime Liaison Officer, Bahrain (MARLO). To ensure the accuracy of this Contact Table is maintained, it will be updated when necessary by Notices to Mariners.
1). Where can "updated Anti-piracy sections" now be found?

- A. Maritime Guidance Note 298 (M) B. 《Mariner's Handbook》
C. The ANTI-PIRACY Contact Table D. 《SOLAS》
- 2) Which of the following authorities is not contained in The Anti-Piracy Contact Table?
A. MTO B. IMB C. EU NAVFOR D. IMO
Somalia
- 3) Where should the "Contact Table of Anti-piracy" be placed?
A. in a prominent position for bridge watchkeepers
B. engine room
C. dining room
D. office room
- 4) Which of the following may "The Anti-Piracy Contact Table" be updated when necessary by?
A. Maritime Guidance Note B. 《Mariner's Handbook》
C. Notices to Mariners D. Maritime Buoyage System
44. Which function should not be performed by the holder of a GMDSS operator's license on a NAVTEX receiver?
A. Replace printer paper
B. Correcting paper jamming
C. Repair demodulator
D. Self-diagnostic printer and receiver tests
45. The frequency _____ is used for NAVTEX-type MSI.
A. 4125.0 kHz using FEC mode. B. 490 kHz using FEC mode.
C. 4209.5 kHz using ARQ mode. D. 4125.0 kHz using ARQ mode.
46. What is the minimum requirement of a GMDSS operator in sea area A1?
A. Restricted Operator's Certificate
B. General Operator's Certificate
C. Second Class Radio Electronic Certificate
D. First Class Radio Electronic Certificate
47. The subject of _____ can be rejected or disabled by the operator of a NAVTEX receiver.
A. Pilot Service Messages. B. Navigational warnings.
C. Meteorological warnings. D. Initial distress alert.
48. Where are the operational details of NAVTEX stations to be found?
A. ITU List of Ship Stations
B. IEC Publication 945, Marine Navigational Equipment
C. Admiralty Lists of Radio Signals, Volume III
D. Frequency Allocation Tables
49. Regarding AMVER _____ is false.
A. A vessel position-reporting system operated by the United Kingdom.
B. It can be taken part in by any merchant vessel of 1000GRT or more on a voyage lasting longer than 24 hours, to and from anywhere on the world.
C. It is the abbreviation of Automated Mutual-assistance Vessel Rescue system.
D. It is a ship reporting system in practice.
50. What final place is a distress call/message routed to?
A. CES B. NCS C. RCC D. MCC
51. ZCZC WX Shai Obsy Synoptic Situation 060000Z =*****24 hour weather forecast from 060800Z Bohai sea overcast s to se winds backing to se winds at midnight force 4 to 5 sea slight; Bohai straits and north huanghai sea cloudy becoming overcast e to se winds force 4 to 5 sea slight; Central huanghai sea cloudy becoming overcast with local shower e to se winds force 5 to 6 sea moderate; South huanghai sea and north donghai and south donghai sea

- and north Taiwan se overcast becoming overcast with local shower ne to e winds force 5 to 6 sea moderate; Shanghai harbour overcast becoming overcast with shower ely winds force 3 to 4 sea ripples; Taiwan straits and east Taiwan overcast ne winds force 5 to 6 sea moderate; Cheju and nagasaki and kagoshima and ryukyu cloudy becoming overcast with local shower ne winds force 5 to 6 increasing to 6 to the after midnight sea moderate becoming sea rough stop. NNNN2010 SHANGHAI RDO 15-10-06 16:54 DE XSG VA
- 1) What will the weather be like in Taiwan straits?
A. shower, sea slight B. cloudy, sea rough
C. overcast, sea rough D. overcast, sea moderate
- 2) What will the weather be like in Bohai sea?
A. shower, sea slight B. cloudy, sea rough
C. overcast, sea slight D. overcast, sea moderate
- 3) What will the weather be like in South huanghai sea ?
A. local shower, winds force 5 to 6 B. ely winds force 3 to 4, sea ripples
C. overcast, winds force 4 to 5 D. winds force 3 to 4
- 4) In according with the passage, there likely are _____ in the weather report of radio station.
A. gale warning B. no warning C. typhoon warning D. storm warning
52. SART responds to shipborne or airborne radar interrogations by generating a swept frequency signal which operates as a line of _____ blips on radar screen extending on _____ nautical miles outward from SART's position along its line of bearing.
A. 12/5 B. 20/10 C. 12/8 D. 20/8
53. The medical message should be preceded by the word _____.
A. OBS B. MEDICAL C. URGENCY D. N/W
54. What immediate remedy can be used to correct shadowing of the satellite signal by a shipboard obstruction?
A. Change the ship's course. B. Change the ship's speed
C. Raise the transmit power level. D. Increase the receiver gain
55. What shall be transmitted to avoid all ships in a large sea area being alerted?
A. area call B. distress call C. urgency call D. DSC call
56. Ships sailing in area A2 will at least be capable of transmitting a ship-to-shore alert on _____.
A. COSPAS-SARSAT B. 156.525MHz DSC
C. 2187.5kHz DSC and satellite EPIRB D. 2182kHz R/T and satellite EPIRB
57. The following numbers are ship's DSC ID number, which one is Chinese vessel's number?
A. 004123037 B. 441263826 C. 412133031 D. 041230961
58. A SART will provide the main means for _____ a survival craft in distress.
A. sending B. launching C. locating D. leaving
59. The VHF Channel 70 can be used to send _____ message.
A. FAX B. DSC C. NBDP D. SSB
60. An area excluding sea area A1, within the coverage of at least one MF shore station in which continuous DSC distress alerting is available is _____.
A. Sea area A1 B. Sea area A2 C. Distress area D. GMDSS areas
61. Which one of the following steps should be taken when the vessel in distress must be abandoned, if possible?
A. do not initiate GMDSS Alert equipments.
B. leave over SART on vessel in distress.
C. Place the SART and EPIRB in the "on" position and secure SART to the survival craft.
D. No additional steps are needed.

