

U.S.C.G. Merchant Marine Exam

Deck Officer Endorsements

Q100 Rules of the Road - Inland-International

(Sample Examination)

Choose the best answer to the following multiple choice questions.

NO reference materials are authorized for use on this exam.

- 1.** BOTH INTERNATIONAL & INLAND When shall the stand-on vessel change course and speed?
- (A) After the give-way vessel sounds one blast in a crossing situation
 - (B) When the two vessels become less than half a mile apart
 - (C) When action by the give-way vessel alone cannot prevent collision
 - (D) The stand-on vessel may change course and speed at any time as it has the right of way

If choice C is selected set score to 1.

- 2.** BOTH INTERNATIONAL & INLAND You are on Vessel "A" engaged in fishing in a narrow channel as shown in illustration D037RR below. Vessel "B" is a tanker proceeding in the channel. Vessel "B" sounds five short and rapid blasts. What action should you take?
- (A) sound one prolonged followed by two short blasts
 - (B) not answer the whistle signals from vessel "B"
 - (C) maintain course and speed
 - (D) not impede the passage of vessel "B"

If choice D is selected set score to 1.

- 3.** BOTH INTERNATIONAL & INLAND You are underway in reduced visibility. You hear the fog signal of another vessel about 20° on your starboard bow. Risk of collision may exist. Which action should you take?
- (A) reduce your speed to bare steerageway
 - (B) alter course to port to pass the other vessel on its port side
 - (C) slow your engines and let the other vessel pass ahead of you
 - (D) alter course to starboard to pass around the other vessel

If choice A is selected set score to 1.

- 4.** INLAND ONLY At night, which lights are required on barges moored in a group formation, more than two barges wide, and located where other vessels cannot navigate on both sides of the group?
- (A) Two unobstructed all-round white lights
 - (B) All-round white lights placed at the corners of each barge in the group
 - (C) Two red lights in a vertical line at the corner extremities of the group
 - (D) Two unobstructed all-round yellow lights

If choice A is selected set score to 1.

5. INTERNATIONAL ONLY Which light(s) shall a single vessel being towed alongside show?

- (A) Only the outboard sidelight and a stern light
- (B) One all-round white light
- (C) A masthead light, sidelights, and a stern light
- (D) Sidelights and a stern light

If choice D is selected set score to 1.

6. INLAND ONLY The term "Great Lakes", as defined by the Inland Rules of the Road, does NOT include _____.

- (A) Portions of the Calumet River
- (B) Portions of the Chicago River
- (C) The St. Lawrence River to Trois-Rivières
- (D) Saginaw Bay

If choice C is selected set score to 1.

7. BOTH INTERNATIONAL & INLAND Which equipment, to generate fog signals, is required on a vessel 20 meters in length?

- (A) Whistle only
- (B) Bell only
- (C) Whistle and bell only
- (D) Whistle, bell, and gong

If choice C is selected set score to 1.

8. BOTH INTERNATIONAL & INLAND You are underway and hear a vessel continuously sounding her fog whistle. What is this vessel indicating?

- (A) The vessel is aground
- (B) The vessel desires to communicate by radio
- (C) The vessel desires a pilot
- (D) The vessel is in distress

If choice D is selected set score to 1.

9. BOTH INTERNATIONAL & INLAND You hear the fog signal of another vessel forward of your beam. Risk of collision may exist. You are required to take which action?

- (A) stop your engines
- (B) take all way off, if necessary
- (C) begin a radar plot
- (D) All of the above

If choice B is selected set score to 1.

10. BOTH INTERNATIONAL & INLAND Systems of inbound and outbound lanes to promote the safe flow of vessel traffic in certain areas around the world are known as _____.

- (A) merchant vessel reporting systems
- (B) traffic separation schemes
- (C) collision avoidance fairways
- (D) restricted maneuverability channels

If choice B is selected set score to 1.

11. BOTH INTERNATIONAL & INLAND Two power-driven vessels are crossing as shown in illustration D042RR below. Vessel "A" sounds three short blasts on the whistle. What is the meaning of this signal?

- (A) Vessel "A" intends to hold course and speed
- (B) Vessel "A" is backing engines
- (C) Vessel "A" is sounding the danger signal
- (D) Vessel "A" proposes to cross ahead of the other vessel

If choice B is selected set score to 1.

12. INTERNATIONAL ONLY A wing in ground (WIG) craft cannot comply with the spacing requirement for masthead lights. What is required in this situation?

- (A) The WIG must be altered to permit full compliance with the rules.
- (B) An all-round light should be substituted for the after masthead light and the stern light.
- (C) The WIG's lights must comply as closely as possible, as determined by her government.
- (D) The WIG must carry only the lights that comply with the rules; the others may be omitted.

If choice C is selected set score to 1.

13. BOTH INTERNATIONAL & INLAND Which type of vessel is required to display the lights shown in illustration D070RR below?

- (A) fishing vessel
- (B) sailboat
- (C) motorboat
- (D) pilot boat

If choice A is selected set score to 1.

14. BOTH INTERNATIONAL & INLAND What is the duration of a "short blast" on the whistle?

- (A) 1 second
- (B) 4 to 6 seconds
- (C) 8 to 12 seconds
- (D) 12 to 15 seconds

If choice A is selected set score to 1.

15. BOTH INTERNATIONAL & INLAND When navigating in restricted visibility, what action shall a power-driven vessel take?

- (A) when making way, sound one prolonged blast at intervals of not more than one minute
- (B) stop her engines when hearing a fog signal forward of her beam, even if risk of collision does not exist
- (C) have her engines ready for immediate maneuver
- (D) operate at a speed to be able to stop in the distance of her visibility

If choice C is selected set score to 1.

16. BOTH INTERNATIONAL & INLAND When is a power-driven vessel "not under command" at night required to show her sidelights?

- (A) when moored to a buoy
- (B) when making headway
- (C) when making no headway
- (D) when at anchor

If choice B is selected set score to 1.

17. BOTH INTERNATIONAL & INLAND When two vessels are in immediate danger of collision, the stand-on vessel must take which action?

- (A) assist in taking whatever action is necessary to avoid collision
- (B) abandon ship
- (C) sound a distress signal
- (D) hold course and speed until the danger of collision is past and clear

If choice A is selected set score to 1.

18. BOTH INTERNATIONAL & INLAND A vessel aground in fog shall sound, in addition to the proper anchor signal, which of the following?

- (A) Three strokes on the bell before and after the anchor signal
- (B) Three strokes on the gong before and after sounding the anchor signal
- (C) One prolonged and one short blast on the whistle
- (D) Four short blasts on the whistle

If choice A is selected set score to 1.

19. INTERNATIONAL ONLY Which statement is TRUE, according to the Rules?

- (A) A vessel constrained by her draft shall keep out of the way of a vessel engaged in fishing.
- (B) A vessel engaged in fishing while underway shall, so far as possible, keep out of the way of a vessel restricted in her ability to maneuver.
- (C) A vessel not under command shall avoid impeding the safe passage of a vessel constrained by her draft.
- (D) A vessel not under command shall keep out of the way of a vessel restricted in her ability to maneuver.

If choice B is selected set score to 1.

20. BOTH INTERNATIONAL & INLAND You are underway in fog when you hear the rapid ringing of a bell for five seconds followed by the sounding of a gong for five seconds. What does this signal indicate about the vessel?

- (A) Fishing in company with another vessel
- (B) Fishing while making no way through the water
- (C) Aground
- (D) More than 100 meters in length, at anchor

If choice D is selected set score to 1.

21. INTERNATIONAL ONLY Two power-driven vessels are crossing within one half mile of each other as shown in illustration D042RR below. Vessel "A" sounds one short blast of the whistle. What does this signal mean?

- (A) "I intend to overtake you on your starboard side"
- (B) "I am operating astern propulsion"
- (C) "I intend to leave you on my port side"
- (D) None of the above

If choice D is selected set score to 1.

22. INLAND ONLY Which of the following may be displayed by a commercial vessel engaged in public safety activities?

- (A) alternately flashing red and yellow light
- (B) alternately flashing blue and red light
- (C) flashing yellow light
- (D) flashing blue light

If choice A is selected set score to 1.

23. INLAND ONLY Which statement is TRUE concerning lighting requirements for Great Lakes vessels?

- (A) The showing of a forward masthead light is optional for vessels under 150 meters.
- (B) Sidelights for vessels over 50 meters are required to have only a two-mile range of visibility.
- (C) An all-round white light may be carried in lieu of the second masthead light and stern light.
- (D) Great Lakes vessels are exempted from the requirement to show yellow towing lights.

If choice C is selected set score to 1.

24. INLAND ONLY While underway during the day you sight a small motorboat showing a flashing blue light. What does the blue light indicate?

- (A) law enforcement boat
- (B) boat involved in a race
- (C) rescue boat
- (D) Coast Guard Auxiliary Vessel on regatta patrol

If choice A is selected set score to 1.

25. BOTH INTERNATIONAL & INLAND Two vessels are meeting in a narrow channel as shown in illustration D037RR below. Vessel "A" is a sailing vessel. Vessel "B" is a power-driven vessel which can safely navigate only within the channel. Vessel "B" sounds the danger signal. Vessel "A" shall take what action?

- (A) have the right of way
- (B) maintain course and speed
- (C) not impede the passage of vessel "B"
- (D) sound one prolonged followed by two short blasts

If choice C is selected set score to 1.

26. INLAND ONLY What lights are required for a barge being pushed ahead, not being part of a composite unit?

- (A) Sidelights and a special flashing light
- (B) Sidelights, a towing light, and a stern light
- (C) Sidelights and a stern light
- (D) Sidelights, a special flashing light, and a stern light

If choice A is selected set score to 1.

27. BOTH INTERNATIONAL & INLAND What is the minimum fog signal required aboard a vessel between 12 meters and 20 meters in length at anchor?

- (A) One short, one long, one short stroke of the bell every minute
- (B) Three separate and distinct strokes of the bell every two minutes
- (C) Rapid ringing of the bell for 10 seconds every minute
- (D) Any efficient sound signal every two minutes

If choice D is selected set score to 1.

28. BOTH INTERNATIONAL & INLAND By day, when it is impracticable for a small vessel engaged in diving operations to display the shapes for a vessel engaged in underwater operations, which she shall display?

- (A) a rigid replica of the International Code flag "A"
- (B) two red balls in a vertical line
- (C) three black balls in a vertical line
- (D) a black cylinder

If choice A is selected set score to 1.

29. BOTH INTERNATIONAL & INLAND What is required of a vessel navigating near an area of restricted visibility?

- (A) A power-driven vessel shall have her engines ready for immediate maneuver.
- (B) If she detects another vessel by radar, she shall determine if risk of collision exists.
- (C) She must sound appropriate sound signals.
- (D) All of the above

If choice D is selected set score to 1.

30. BOTH INTERNATIONAL & INLAND You are underway in restricted visibility. You hear the fog signal of another vessel about 22° on your starboard bow. If danger of collision exists, which action(s) are you required to take?

- (A) reduce your speed to bare steerageway
- (B) alter course to port to pass the other vessel on its port side
- (C) alter course to starboard to pass around the other vessel's stern
- (D) slow your engines and let the other vessel pass ahead of you

If choice A is selected set score to 1.

31. BOTH INTERNATIONAL & INLAND Two vessels are approaching each other near head-on. What action should be taken to avoid collision?

- (A) The first vessel to sight the other should give-way.
- (B) Both vessels should alter course to starboard.
- (C) Both vessels should alter course to port.
- (D) The vessel making the slower speed should give-way.

If choice B is selected set score to 1.

32. BOTH INTERNATIONAL & INLAND Which vessel must show a towing light above the stern light?

- (A) A vessel with a 150-meter tow astern
- (B) A vessel pushing three barges ahead
- (C) A vessel towing alongside
- (D) None of the above

If choice A is selected set score to 1.

33. INLAND ONLY When power-driven vessels are crossing, what does a signal of one short blast by either vessel mean?

- (A) "I intend to change course to starboard"
- (B) "I intend to hold course and speed"
- (C) "I intend to leave you on my port side"
- (D) "I am altering course to starboard"

If choice C is selected set score to 1.

34. BOTH INTERNATIONAL & INLAND How long is the duration of a prolonged blast of the whistle?

- (A) 2 to 4 seconds
- (B) 4 to 6 seconds
- (C) 6 to 8 seconds
- (D) 8 to 10 seconds

If choice B is selected set score to 1.

35. INTERNATIONAL ONLY You have sighted three red lights in a vertical line on another vessel dead ahead at night. Which vessel would display these lights?

- (A) A vessel dredging
- (B) A vessel moored over a wreck
- (C) A vessel aground
- (D) A vessel constrained by her draft

If choice D is selected set score to 1.

36. BOTH INTERNATIONAL & INLAND A vessel signals you three flashes on its maneuvering light. What is the meaning of this signal?

- (A) "I am operating astern propulsion"
- (B) "My engines are full speed astern"
- (C) "I am in doubt as to your actions"
- (D) "I desire to overtake you"

If choice A is selected set score to 1.

37. INLAND ONLY Two power-driven vessels are crossing within a half a mile of each other as shown in illustration D042RR below. Vessel "A" sounds one short blast on the whistle. What should Vessel "B" sound?

- (A) three short blasts
- (B) one short blast
- (C) two prolonged blasts followed by two short blasts
- (D) two short blasts

If choice B is selected set score to 1.

38. BOTH INTERNATIONAL & INLAND When a vessel signals her distress by means of a gun or other explosive signal, which firing intervals should be used?

- (A) Once every 3 minutes
- (B) Once every 10 minutes
- (C) Once every minute
- (D) Once an hour

If choice C is selected set score to 1.

39. BOTH INTERNATIONAL & INLAND In open waters, a vessel fishing is in a crossing situation with a vessel sailing. The sailing vessel is located on the fishing vessel's starboard side. Which vessel is the stand-on vessel?

- (A) The fishing vessel because it is fishing.
- (B) The fishing vessel because it is to port of the sailing vessel.
- (C) The sailing vessel because it is sailing.
- (D) The sailing vessel because it is to starboard of the fishing vessel.

If choice A is selected set score to 1.

40. BOTH INTERNATIONAL & INLAND What is a "vessel restricted in her ability to maneuver"?

- (A) A large tanker that is being towed as a dead ship to dry dock
- (B) A deep-draft vessel that can only navigate in a dredged channel
- (C) A vessel fishing with a bottom trawl that must remain on course
- (D) A vessel laying revetment mats to provide bank protection along a channel

If choice D is selected set score to 1.

41. INTERNATIONAL ONLY When two vessels are in sight of one another, all of the following signals may be given EXCEPT which signal?

- (A) One prolonged, one short, one prolonged and one short whistle blasts
- (B) A light signal of at least five short and rapid flashes
- (C) Four short whistle blasts
- (D) Two short whistle blasts

If choice C is selected set score to 1.

42. BOTH INTERNATIONAL & INLAND By radar alone, you detect a vessel ahead on a collision course, about 3 miles distant. Your radar plot shows this to be a meeting situation. Which action should you take?

- (A) maintain course and speed and sound no signal
- (B) turn to port
- (C) turn to starboard
- (D) maintain course and speed and sound the danger signal

If choice C is selected set score to 1.

43. BOTH INTERNATIONAL & INLAND What is a vessel "restricted in her ability to maneuver"?

- (A) A vessel towing unable to deviate from her course
- (B) A vessel underway in fog
- (C) A vessel not under command
- (D) A vessel constrained by her draft

If choice A is selected set score to 1.

44. INLAND ONLY What must a partially submerged object towed by a vessel show during the day?

- (A) black ball
- (B) diamond shape regardless of length of the tow
- (C) diamond shape only when the length of the tow exceeds 200 meters in length
- (D) black ball only when the length of the tow exceeds 200 meters in length

If choice B is selected set score to 1.

45. BOTH INTERNATIONAL & INLAND When do the Rules state that risk of collision shall be deemed to exist?

- (A) if the bearing of an approaching vessel does not appreciably change
- (B) whenever a vessel crosses ahead of the intended track of another vessel
- (C) whenever two vessels approach from opposite directions
- (D) if one vessel approaches another so as to be overtaking

If choice A is selected set score to 1.

46. BOTH INTERNATIONAL & INLAND In illustration D023RR below which represents the arc of visibility of a red sidelight?

- (A) A
- (B) B
- (C) C
- (D) D

If choice A is selected set score to 1.

47. BOTH INTERNATIONAL & INLAND Which statement is TRUE regarding equipment for sound signals?

- (A) Automatic sounding of the signals is not permitted.
- (B) Manual sounding of the bell and gong must always be possible.
- (C) Any vessel over 12 meters in length must be provided with a gong.
- (D) A vessel of less than 12 meters in length need not have any sound signaling equipment.

If choice B is selected set score to 1.

48. INLAND ONLY The masthead light may be located at other than the fore and aft centerline on which power-driven vessel?

- (A) which has separate sidelights carried on the outboard extremes of the vessel's breadth
- (B) less than 12 meters in length
- (C) engaged in fishing
- (D) less than 20 meters in length

If choice B is selected set score to 1.

49. BOTH INTERNATIONAL & INLAND Which of the the signals, other than a distress signal, can be used by a vessel to attract attention?

- (A) An orange smoke signal
- (B) The vessel's searchlight
- (C) A burning barrel
- (D) A red star shell

If choice B is selected set score to 1.

50. INTERNATIONAL ONLY You intend to overtake a vessel in a narrow channel on its port side. This action requires the overtaken vessel to take action to permit safe passing. How should you signal your intentions?

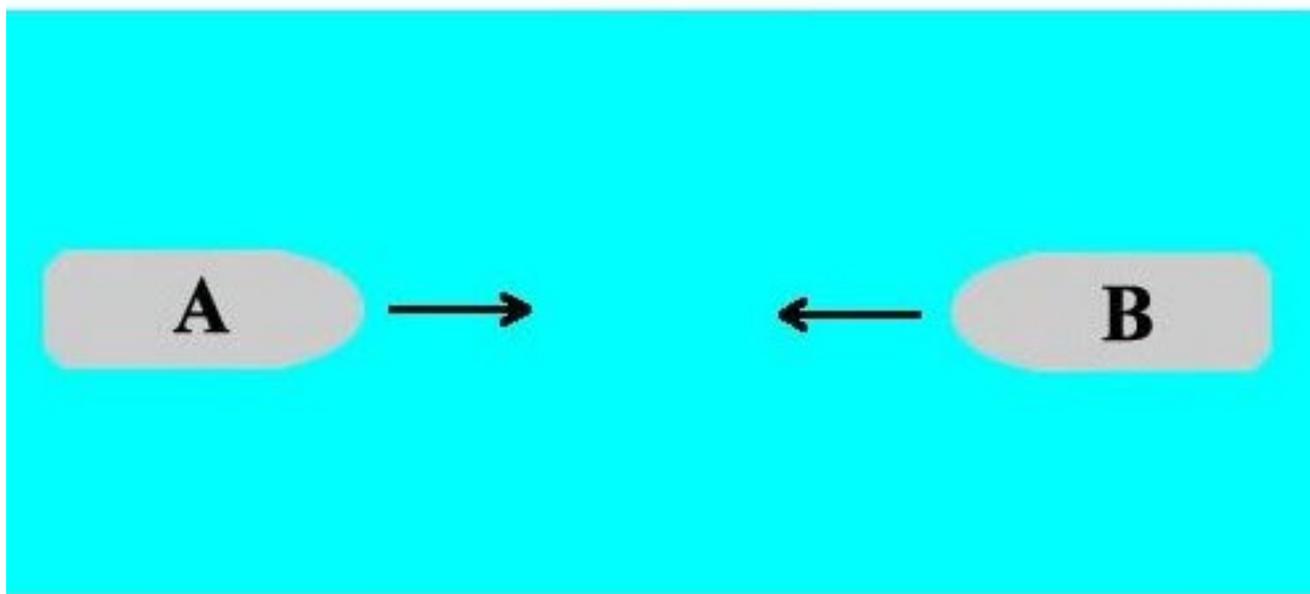
- (A) Sound two short blasts
- (B) No signal is necessary
- (C) Sound two prolonged followed by two short blasts
- (D) Sound two prolonged blasts on the whistle

If choice C is selected set score to 1.

D023RR



D037RR



D042RR



D070RR

