

## 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.** INTERNATIONAL ONLY Your vessel is backing out of a slip in a harbor and you can see that other vessels are approaching. You should sound which of the following signals?

- (A) One prolonged blast only
- (B) Three short blasts when leaving the slip
- (C) One prolonged blast followed by three short blasts when the last line is taken aboard
- (D) Five short and rapid blasts

*If choice B is selected set score to 1.*

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

*If choice B is selected set score to 1.*

- 3.** 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 action by the give-way vessel alone cannot prevent collision
- (C) The stand-on vessel may change course and speed at any time as it has the right of way
- (D) When the two vessels become less than half a mile apart

*If choice B is selected set score to 1.*

- 4.** INLAND ONLY Which statement is TRUE concerning lighting requirements for Great Lakes vessels?

- (A) Sidelights for vessels over 50 meters are required to have only a two-mile range of visibility.
- (B) The showing of a forward masthead light is optional for vessels under 150 meters.
- (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.*

**5. BOTH INTERNATIONAL & INLAND** By day, you sight a vessel displaying three shapes in a vertical line. The top and bottom shapes are balls, and the middle shape is a diamond. Which vessel are you observing?

- (A) vessel engaged in replenishment at sea
- (B) mineclearing vessel
- (C) trawler
- (D) vessel trolling

*If choice A is selected set score to 1.*

**6. BOTH INTERNATIONAL & INLAND** You see the lights shown in illustration D077RR below. This could be which of the following?

- (A) A stationary dredge
- (B) A vessel pushing barges ahead
- (C) A vessel towing barges astern
- (D) A pipeline

*If choice C is selected set score to 1.*

**7. INTERNATIONAL ONLY** On open water two vessels are in an overtaking situation. The overtaking vessel has just sounded one short blast on the whistle. What is the meaning of this whistle signal?

- (A) "I will maintain course and speed and pass you on your starboard side."
- (B) "I request permission to pass you on my port side."
- (C) "On which side should I pass?"
- (D) "I am changing course to starboard."

*If choice D is selected set score to 1.*

**8. BOTH INTERNATIONAL & INLAND** The term "power-driven vessel" refers to any vessel \_\_\_\_\_.

- (A) making way against the current
- (B) with propelling machinery onboard whether in use or not
- (C) with propelling machinery in use
- (D) traveling at a speed greater than that of the current

*If choice C is selected set score to 1.*

**9. BOTH INTERNATIONAL & INLAND** Which is a requirement for a vessel approaching a narrow channel?

- (A) avoid crossing the channel if it impedes another vessel navigating in the channel
- (B) keep as close as possible to the edge of the channel on her port side
- (C) not overtake any vessels within the channel
- (D) anchor only in the middle of the channel

*If choice A is selected set score to 1.*

**10. BOTH INTERNATIONAL & INLAND** What equipment for fog signals is required for a vessel 15 meters in length?

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

*If choice C is selected set score to 1.*

**11. BOTH INTERNATIONAL & INLAND** Which statement is TRUE concerning risk of collision?

- (A) Risk of collision exists if the vessels will pass within half a mile of each other.
- (B) Risk of collision never exists if the compass bearing of the other vessel is changing.
- (C) Proper use shall be made of radar equipment to determine risk of collision.
- (D) Risk of collision must be determined before any action can be taken by a vessel.

*If choice C is selected set score to 1.*

**12. BOTH INTERNATIONAL & INLAND** While underway in fog, you hear the fog signal of another vessel ahead. If a risk of collision exists, which action is required by the Rules?

- (A) continue on your course and speed until the other vessel is sighted
- (B) slow to bare steerageway and navigate with caution
- (C) sound three short blasts and back your engines
- (D) stop your engines and navigate with caution

*If choice B is selected set score to 1.*

**13. BOTH INTERNATIONAL & INLAND** Two power-driven vessels are crossing as shown in illustration D042RR below. Vessel "A" sounds one short blast on the whistle. Vessel "B" is which of the following in this scenario?

- (A) overtaking vessel
- (B) give-way vessel
- (C) burdened vessel
- (D) stand-on vessel

*If choice D is selected set score to 1.*

**14. INTERNATIONAL ONLY** In a narrow channel, a vessel trying to overtake another on the other vessel's port side, would sound which whistle signal?

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

*If choice A is selected set score to 1.*

**15. BOTH INTERNATIONAL & INLAND** A 25-meter vessel trawling is required to exhibit which shape(s)?

- (A) two cones, apexes together
- (B) two balls
- (C) a cone, apex downward and outboard
- (D) a basket

*If choice A is selected set score to 1.*

**16. BOTH INTERNATIONAL & INLAND** The steering and sailing rules for vessels in restricted visibility apply to vessels \_\_\_\_\_.

- (A) navigating in or near an area of restricted visibility
- (B) only if they have operational radar
- (C) only if they are showing special purpose lights
- (D) in sight of one another in fog

*If choice A is selected set score to 1.*

**17. INLAND ONLY** The term "Great Lakes", as defined by the Inland Rules of the Road, does NOT include which choice?

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

*If choice A is selected set score to 1.*

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

*If choice C is selected set score to 1.*

**19. INLAND ONLY** You are overtaking another power-driven vessel in a narrow channel, and you wish to overtake on the other vessel's port side. What whistle signal would you sound?

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

*If choice B is selected set score to 1.*

**20. BOTH INTERNATIONAL & INLAND** A vessel using a traffic separation scheme shall NOT take which action?

- (A) enter the separation zone
- (B) cross a traffic lane
- (C) engage in fishing the separation zone
- (D) proceed in an inappropriate traffic lane

*If choice D is selected set score to 1.*

**21. INLAND ONLY** What lights will a single vessel being towed alongside show?

- (A) only the outboard sidelight and a stern light
- (B) sidelights and a stern light
- (C) one all-round white light
- (D) a special flashing light, sidelights, and a stern light

*If choice D is selected set score to 1.*

**22. 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 red lights in a vertical line at the corner extremities of the group
- (B) Two unobstructed all-round yellow lights
- (C) Two unobstructed all-round white lights
- (D) All-round white lights placed at the corners of each barge in the group

*If choice C is selected set score to 1.*

**23. BOTH INTERNATIONAL & INLAND** You are in restricted visibility and hear a fog signal forward of the beam. Nothing appears on your radar screen. The Rules require which action to be taken?

- (A) Slow to the minimum that the course can be maintained
- (B) Stop your engines
- (C) Sound five short and rapid blasts on the whistle
- (D) Sound two prolonged blasts of the whistle

*If choice A is selected set score to 1.*

**24. 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) Slow your engines and let the other vessel pass ahead of you
- (B) Slow to a minimum that the vessel can stay on course
- (C) Alter course to port to pass the other vessel on its port side
- (D) Alter course to starboard to pass around the other vessel's stern

*If choice B is selected set score to 1.*

**25. INLAND ONLY** A power-driven vessel intends to overtake another power-driven vessel on the overtaken vessel's port side. Which whistle signal should be sounded in order to state this intention?

- (A) 1 short blast
- (B) 2 short blasts
- (C) 2 prolonged and 2 short blasts
- (D) 2 prolonged and 1 short blasts

*If choice B is selected set score to 1.*

**26. BOTH INTERNATIONAL & INLAND** Which is the duration of each prolonged blast on whistle signals used by a power-driven vessel in fog, whether making way or underway but not making way?

- (A) about one second
- (B) two to four seconds
- (C) four to six seconds
- (D) eight to ten seconds

*If choice C is selected set score to 1.*

**27. BOTH INTERNATIONAL & INLAND** What is the minimum sound signaling equipment required aboard a vessel 24 meters in length?

- (A) A bell only
- (B) Any means of making an efficient sound signal
- (C) A whistle only
- (D) A bell and a whistle

*If choice D is selected set score to 1.*

**28. BOTH INTERNATIONAL & INLAND** A vessel nearing a bend where other vessels may be obscured is required to sound which signal?

- (A) Two short blasts
- (B) One long blast
- (C) One prolonged blast
- (D) One short blast

*If choice C is selected set score to 1.*

**29. BOTH INTERNATIONAL & INLAND** If two sailing vessels are running free with the wind on the same side, which one must keep clear of the other?

- (A) The one to leeward
- (B) The one with the wind closest abeam
- (C) The one to windward
- (D) The one with the wind closest astern

*If choice C is selected set score to 1.*

**30. INLAND ONLY** A commercial vessel engaged in public safety activities may display a(n) identity light(s). Which of the following is appropriate for these activities?

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

*If choice C is selected set score to 1.*

**31. INLAND ONLY** Which is a characteristic of a "special flashing light"?

- (A) It must show through an arc of not less than 180° nor more than 225°.
- (B) It must be of the same character and construction as the masthead light.
- (C) It is required for all vessels being pushed ahead as part of a composite unit.
- (D) All of the above

*If choice A is selected set score to 1.*

**32. INTERNATIONAL ONLY** You are underway in a narrow channel, and you are being overtaken by a vessel astern. After the overtaking vessel sounds the proper signal indicating his intention to pass your vessel on your starboard side, which signal would you sound to indicate your agreement?

- (A) One short, one prolonged, one short, and one prolonged blast
- (B) Two prolonged blasts
- (C) Two prolonged followed by two short blasts
- (D) One prolonged, one short, one prolonged, and one short blast

*If choice D is selected set score to 1.*

**33. INTERNATIONAL ONLY** You see the lights shown in illustration D066RR below. What do these lights indicate?

- (A) Vessel towing a barge alongside
- (B) Dredge working at anchor
- (C) Vessel pushing a barge ahead
- (D) Pilot vessel with a launch alongside

*If choice A is selected set score to 1.*

**34. BOTH INTERNATIONAL & INLAND** What shape should a vessel being towed exhibit if the tow EXCEEDS 200 meters?

- (A) One ball
- (B) Two diamonds
- (C) Two balls
- (D) One diamond

*If choice D is selected set score to 1.*



**35. BOTH INTERNATIONAL & INLAND** When underway in a channel, which action should you take, if it is safe and practicable?

- (A) keep to the side of the channel which lies to your starboard
- (B) exchange whistle signals with any other vessels in the channel
- (C) stay near the middle of the channel
- (D) keep to the starboard side of any vessels you meet

*If choice A is selected set score to 1.*

**36. INLAND ONLY** Which light(s) are permitted ONLY for law enforcement vessels?

- (A) a flashing blue light
- (B) an alternately flashing red and yellow light
- (C) two red lights in a vertical line
- (D) a flashing yellow light

*If choice A is selected set score to 1.*

**37. BOTH INTERNATIONAL & INLAND** A power-driven vessel is underway in fog but is stopped and making no way through the water. What is the required fog signal?

- (A) Two prolonged blasts at not more than one minute intervals
- (B) Two prolonged blasts at not more than two minute intervals
- (C) One prolonged blast at not more than one minute intervals
- (D) One prolonged blast at not more than two minute intervals

*If choice B is selected set score to 1.*

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

- (A) Reduce your speed to the minimum at which it can be kept on course
- (B) Slow your engines and let the other vessel pass ahead of you
- (C) Alter course to starboard to pass around the other vessel's stern
- (D) Alter course to port and pass the other vessel on its port side

*If choice A is selected set score to 1.*

**39. 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 red star shell
- (D) A burning barrel

*If choice B is selected set score to 1.*

**40. BOTH INTERNATIONAL & INLAND** When two power-driven vessels are meeting head-on and there is a risk of collision, which action is required to be taken?

- (A) Back down
- (B) Sound at least five short and rapid blasts
- (C) Both vessels shall stop their engines
- (D) Both vessels alter course to starboard

*If choice D is selected set score to 1.*

**41. INLAND ONLY** When is a vessel required to exhibit a special flashing light?

- (A) when towed astern
- (B) when being pushed ahead
- (C) when at anchor in a fairway
- (D) All of the above

*If choice B is selected set score to 1.*

**42. BOTH INTERNATIONAL & INLAND** If you saw flames aboard a vessel but could see the vessel was not on fire, what would this indicate?

- (A) The vessel was attempting to attract the attention of a pilot boat
- (B) The vessel required immediate assistance
- (C) The crew was trying to get warm
- (D) The vessel was being illuminated for identification by aircraft

*If choice B is selected set score to 1.*

**43. BOTH INTERNATIONAL & INLAND** When is your vessel travelling at a "safe speed" as defined in the COLREGS?

- (A) when you are traveling slower than surrounding vessels
- (B) when you can take proper and effective action to avoid collision
- (C) when no wake comes from your vessel
- (D) when you can stop within your visibility range

*If choice B is selected set score to 1.*

**44. BOTH INTERNATIONAL & INLAND** Which signal may be used by a vessel that is in doubt as to whether sufficient action is being taken by another vessel to avoid collision?

- (A) One prolonged blast on the whistle
- (B) A continuous sounding of the fog horn
- (C) Firing a gun every minute
- (D) Five or more short rapid blasts on the whistle

*If choice D is selected set score to 1.*

**45. 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.*

**46. BOTH INTERNATIONAL & INLAND** For identification purposes at night, U.S. Navy submarines on the surface may display an intermittent flashing light of which color?

- (A) Amber (yellow)
- (B) Blue
- (C) Red
- (D) White

*If choice A is selected set score to 1.*

**47. BOTH INTERNATIONAL & INLAND** Which signal shall a vessel underway and making way in fog shall sound every two minutes?

- (A) Three distinct blasts
- (B) One prolonged blast
- (C) One prolonged blast and three short blasts
- (D) Two prolonged blasts

*If choice B is selected set score to 1.*

**48. BOTH INTERNATIONAL & INLAND** In a dense fog you hear a whistle signal ahead of one prolonged blast followed by three short blasts. Which vessel is required to sound this signal?

- (A) Vessels not under command
- (B) A manned vessel being towed
- (C) fishing vessels underway trawling
- (D) A pilot vessel underway making a special signal

*If choice B is selected set score to 1.*

**49. BOTH INTERNATIONAL & INLAND** You see a vessel displaying the code flag "LIMA" below which is a red ball. The vessel is indicating it is in which of the following situations?

- (A) In distress
- (B) Aground
- (C) Trolling
- (D) Preparing to receive aircraft

*If choice A is selected set score to 1.*

**50.** BOTH INTERNATIONAL & INLAND A power-driven vessel with a 150-meter stern tow is required to display which lights?

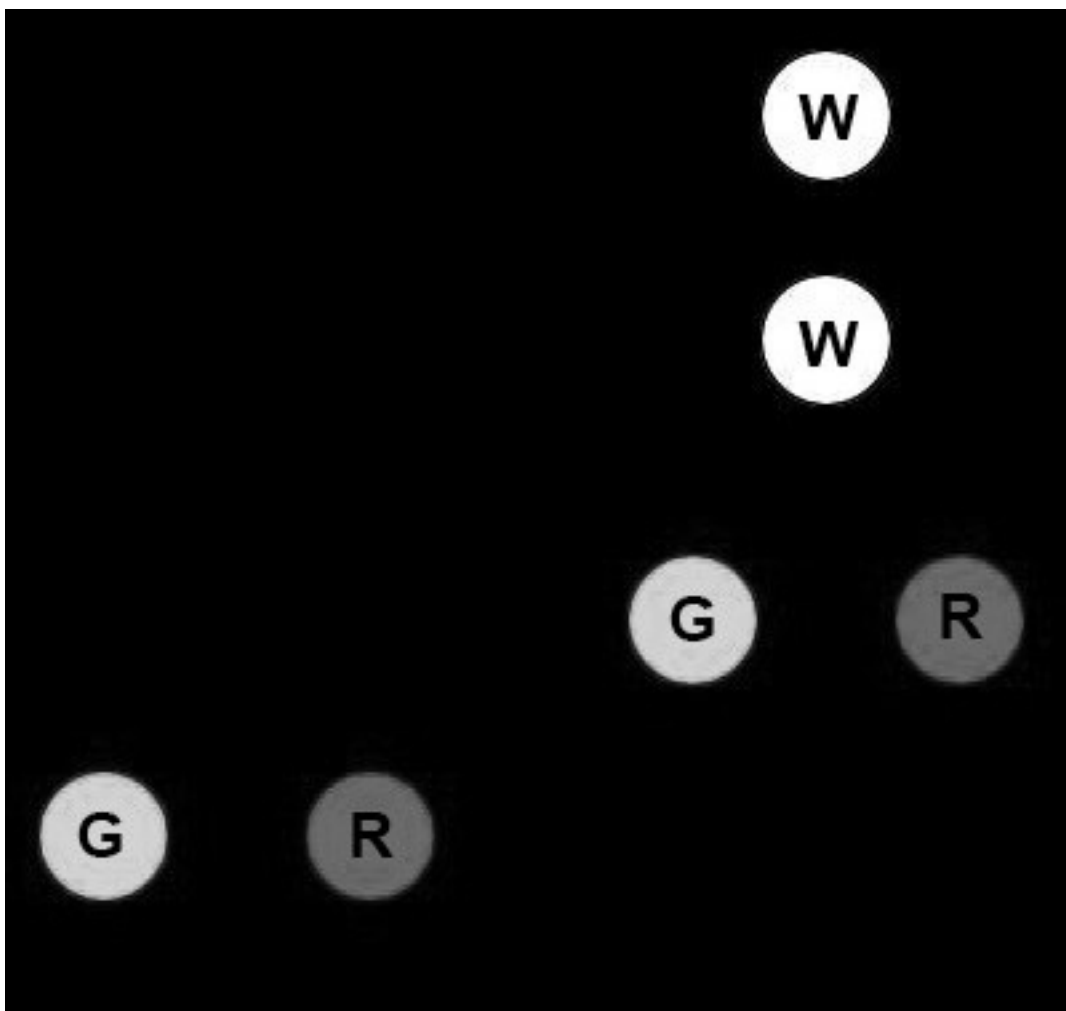
- (A) three masthead lights in a vertical line
- (B) a towing light above the stern light
- (C) a red light over a white light at the masthead
- (D) two towing lights in a vertical line

*If choice B is selected set score to 1.*

## D042RR



## D066RR



## D077RR

