

## 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** You are approaching another vessel at night. You can see both red and green sidelights and, above the level of the sidelights, three white lights in a vertical line. Which vessel is required to have these lights?

- (A) a vessel towing a tow more than 200 meters astern
- (B) a vessel underway and dredging
- (C) a vessel trawling
- (D) a vessel not under command

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

- 2. BOTH INTERNATIONAL & INLAND** A sailing vessel is proceeding along a narrow channel and can safely navigate **ONLY** inside the channel. The sailing vessel approaches a vessel engaged in fishing. Which statement is TRUE?

- (A) Each vessel should move to the edge of the channel on her port side.
- (B) The fishing vessel must sound at least five short rapid blasts on the whistle.
- (C) Both vessels should be displaying the signal for a vessel restricted in her ability to maneuver.
- (D) The fishing vessel shall not impede the passage of the sailing vessel.

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

- 3. BOTH INTERNATIONAL & INLAND** You are on watch and sight a vessel showing only the lights in illustration D059RR below. What type of vessel do these lights represent?

- (A) mineclearance vessel
- (B) vessel engaged in trawling
- (C) sailing vessel
- (D) power-driven vessel

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

- 4. BOTH INTERNATIONAL & INLAND** Which statement is TRUE for a vessel proceeding along a narrow channel?

- (A) when nearing a bend in the channel, sound a long blast of the whistle
- (B) not overtake any vessels within the channel
- (C) avoid crossing the channel at right angles
- (D) keep as near as safe and practicable to the limit of the channel on her starboard side

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

- 5. INTERNATIONAL ONLY** In a narrow channel, an overtaking vessel which intends to pass on the other vessel's port side would sound which signal?

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

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

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

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

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

- 7. BOTH INTERNATIONAL & INLAND** For the purpose of the Rules, except where otherwise required, the term \_\_\_\_\_.

- (A) "vessel restricted in her ability to maneuver" includes fishing vessels
- (B) "seaplane" includes non-displacement craft
- (C) "vessel" includes seaplanes
- (D) "vessel engaged in fishing" includes a vessel fishing with trolling lines

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

- 8. BOTH INTERNATIONAL & INLAND** Which action should be avoided if it becomes necessary for a stand-on vessel to take action to avoid collision?

- (A) turn to starboard for a vessel on her own port side
- (B) turn to port for a vessel on her own port side
- (C) increase speed
- (D) decrease speed

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

- 9. BOTH INTERNATIONAL & INLAND** A 20 meter vessel is towing another vessel astern. The length of the tow from the stern of the towing vessel to the stern of the tow is 75 meters. How many white towing masthead lights shall the towing vessel show at night?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

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

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

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

**11. BOTH INTERNATIONAL & INLAND** A pilot vessel may continue to sound an identity signal under which situation?

- ☐ (A) Not under command
- ☐ (B) Aground
- ☒ (C) At anchor
- ☐ (D) Being towed

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

**12. INLAND ONLY** What do the lights shown in illustration D075RR below represent?

- ☐ (A) pipeline
- ☐ (B) vessel underway and dredging
- ☒ (C) vessel pushing ahead
- ☐ (D) vessel being towed astern

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

**13. BOTH INTERNATIONAL & INLAND** A vessel 50 meters in length at anchor must sound which fog signal?

- ☐ (A) 5-second sounding of both a bell and gong every two minutes
- ☒ (B) 5-second ringing of a bell every minute
- ☐ (C) 5-second ringing of a bell every two minutes
- ☐ (D) 5-second sounding of a gong every minute

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

**14. BOTH INTERNATIONAL & INLAND** When shall a pilot vessel on pilotage duty show identity lights?

- ☐ (A) while at anchor
- ☐ (B) at any time while underway
- ☐ (C) while alongside a vessel
- ☒ (D) All of the above

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

**15. BOTH INTERNATIONAL & INLAND** Two vessels are in an overtaking situation. Which of the lights on the overtaken vessel will the overtaking vessel see?

- ☐ (A) One masthead light and a sidelight
- ☒ (B) Stern light only
- ☐ (C) Two masthead lights
- ☐ (D) Both sidelights

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

**16. INLAND ONLY** For the purpose of the Inland Navigation Rules, the term "Inland Waters" includes which of the following?

- ☐ (A) The coastline of the United States out to one mile offshore
- ☐ (B) Any lakes within state boundaries
- ☒ (C) The Great Lakes on the United States side of the boundary
- ☐ (D) The waters surrounding any islands of the U.S.

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

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

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

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

**18. INTERNATIONAL ONLY** A power-driven vessel pushing ahead or towing alongside will show sidelights, a stern light, and which additional light(s)?

- ☐ (A) An all-round red light where it can best be seen
- ☐ (B) Two yellow masthead lights in a vertical line
- ☒ (C) Two masthead lights in a vertical line
- ☐ (D) A single white light forward

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

**19. BOTH INTERNATIONAL & INLAND** Which vessel may use a signal consisting of at least five short and rapid blasts of the whistle to indicate doubt the sufficient action is being taken?

- ☐ (A) A vessel engaged in fishing, crossing the course of a sailing vessel
- ☐ (B) Either of two power-driven vessels meeting head-on
- ☐ (C) The vessel to starboard when two power-driven vessels are crossing
- ☒ (D) All of the above

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

**20. INTERNATIONAL ONLY** You are on vessel "A" on open waters as shown in illustration D032RR below. Vessel "B" sounds two short blasts. What action should you take?

- ☐ (A) Sound one prolonged, one short, one prolonged and one short blasts
- ☐ (B) Sound two prolonged blasts followed by two short blasts
- ☐ (C) Sound two short blasts and maintain course and speed
- ☒ (D) Do not answer the whistle signal from vessel "B"

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

**21. INLAND ONLY** Vessels "A" and "B" are meeting on a river as shown in illustration D029RR below and will pass about 1/4 mile apart. Which statement is TRUE?

- ☐ (A) Both vessels should continue on course and pass without sounding any whistle signals.
- ☒ (B) The vessels should exchange two blast whistle signals and pass starboard to starboard.
- ☐ (C) The vessels should pass port to port and must sound whistle signals only if either vessel changes course.
- ☐ (D) The vessels should exchange two blast whistle signals and pass port to port.

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

**22. BOTH INTERNATIONAL & INLAND** Vessel "A" (towing) and vessel "B" are meeting as shown in illustration D012RR below. In this situation, which statement is TRUE?

- ☐ (A) Vessel "A" should hold course while vessel "B" alters course to starboard.
- ☐ (B) Both vessels should alter course to port and pass starboard to starboard.
- ☐ (C) Vessel "A" is the stand-on in this situation.
- ☒ (D) Both vessels should alter course to starboard and pass port to port.

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

**23. INLAND ONLY** Two power-driven vessels are meeting in the situation as shown in illustration D037RR below. What does one short blast by vessel "A" mean?

- ☐ (A) "I am altering my course to starboard"
- ☐ (B) "My intention is to hold course and speed"
- ☒ (C) "I intend to leave you on my port side"
- ☐ (D) "I intend to pass on your starboard side"

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

**24. BOTH INTERNATIONAL & INLAND** Your power-driven vessel is NOT making way, but is not in any way disabled. Another power-driven vessel is approaching you on your starboard beam. Which statement is TRUE?

- ☐ (A) You should be showing the lights or shapes for a vessel not under command.
- ☒ (B) Your vessel is the give-way vessel in a crossing situation.
- ☐ (C) You should be showing the lights or shapes for a vessel restricted in her ability to maneuver.
- ☐ (D) The other vessel must give way since your vessel is stopped.

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

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

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

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

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

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

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

**27. 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.*

**28. BOTH INTERNATIONAL & INLAND** You are the stand-on vessel in a crossing situation. If you think the give-way vessel is NOT taking sufficient action to avoid collision, which action should you take?

- ☐ (A) Sound one short blast and maintain course
- ☒ (B) Sound at least five short and rapid blasts of the whistle
- ☐ (C) Give no signal and maneuver at will
- ☐ (D) Sound two short blasts, alter to port, and pass astern

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

**29. BOTH INTERNATIONAL & INLAND** What is the duration of each blast of the whistle signals used in meeting and crossing situations?

- (A) about 1 second
- (B) 2 or 4 seconds
- (C) 4 to 6 seconds
- (D) 8 to 10 seconds

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

**30. BOTH INTERNATIONAL & INLAND** Which vessel is the stand-on vessel when two vessels crossing in fog are NOT in sight of one another?

- (A) The vessel which hears the other vessel's fog signal first
- (B) The vessel which has the other on her own port side
- (C) Neither vessel is the stand-on vessel.
- (D) The vessel which has the other on her own starboard side

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

**31. 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.*

**32. BOTH INTERNATIONAL & INLAND** Which signal should be used to indicate that your vessel is in distress?

- (A) Sounding four or more short rapid blasts on the whistle
- (B) Continuously sounding the fog whistle
- (C) Displaying a large red flag
- (D) Displaying three black balls in a vertical line

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

**33. BOTH INTERNATIONAL & INLAND** In restricted visibility, a vessel restricted in her ability to maneuver, at anchor, would sound which fog signal?

- (A) The rapid ringing of a bell for five seconds every minute
- (B) One prolonged and two short blasts every two minutes
- (C) Two prolonged and one short blast every two minutes
- (D) Two prolonged and two short blasts every two minutes

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



**34. 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) Alter course to starboard to pass around the other vessel's stern
- ☐ (C) Alter course to port to pass the other vessel on its port side
- ☒ (D) Slow to a minimum that the vessel can stay on course

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

**35. INTERNATIONAL ONLY** A vessel constrained by her draft may display which lights?

- ☒ (A) Three all-round red lights in addition to the lights required for a power-driven vessel of her class
- ☐ (B) Three all-round red lights instead of the lights required for a power-driven vessel of her class
- ☐ (C) The lights for a power-driven vessel which is not under command
- ☐ (D) The same lights as a vessel restricted in her ability to maneuver

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

**36. 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 one short blast
- ☐ (B) Two short blasts
- ☒ (C) Two prolonged blasts followed by two short blasts
- ☐ (D) One short blast

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

**37. INLAND ONLY** Which of the following is true regarding a "special flashing light"?

- ☐ (A) It must be placed as far forward as possible.
- ☐ (B) It must be yellow in color.
- ☐ (C) It must not show through an arc of more than 225°.
- ☒ (D) All of the above

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

**38. BOTH INTERNATIONAL & INLAND** At night, a barge being towed astern must display which light(s)?

- ☐ (A) red and green sidelights only
- ☐ (B) one all-round white light
- ☒ (C) sidelights and a stern light
- ☐ (D) a white stern light only

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

**39. BOTH INTERNATIONAL & INLAND** A vessel is "in sight" of another vessel when she \_\_\_\_\_.

- ☐ (A) Has determined that risk of collision exists
- ☐ (B) Is sounding a fog signal which can be heard on the other vessel
- ☐ (C) Can be observed by radar
- ☒ (D) Can be observed visually from the other vessel

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

**40. BOTH INTERNATIONAL & INLAND** Which statement concerning maneuvering in restricted visibility is FALSE?

- ☒ (A) A vessel which hears a fog signal forward of her beam shall stop her engines.
- ☐ (B) A vessel which cannot avoid a close-quarters situation with a vessel forward of her beam shall reduce her speed to bare steerageway.
- ☐ (C) A vessel which hears a fog signal forward of the beam shall navigate with caution.
- ☐ (D) If a vessel determines by radar that a close-quarters situation is developing, she shall take avoiding action in ample time.

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

**41. INLAND ONLY** Which of the following may be displayed by a law enforcement boat?

- ☐ (A) flashing red light
- ☐ (B) blue flag
- ☐ (C) flashing amber light
- ☒ (D) flashing blue light

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

**42. INLAND ONLY** At night, a barge moored in a slip used primarily for mooring purposes shall exhibit which of the following?

- ☐ (A) A white light at each corner
- ☐ (B) A flashing yellow light at each corner
- ☐ (C) A red light at the bow and stern
- ☒ (D) No required lights

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

**43. BOTH INTERNATIONAL & INLAND** Which is TRUE when a vessel uses any sound or light signals to attract the attention of another vessel?

- ☐ (A) The signal may be the continuous sounding of a fog horn
- ☒ (B) The signal cannot be mistaken for a signal authorized by the Rules
- ☐ (C) Special flashing yellow lights may be used to attract the attention of another vessel
- ☐ (D) White lights are not used to attract the attention of another vessel

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

**44. 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 am changing course to starboard."
- ☐ (C) "I request permission to pass you on my port side."
- ☐ (D) "On which side should I pass?"

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

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

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

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

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

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

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

**47. BOTH INTERNATIONAL & INLAND** A sailing vessel is proceeding along a narrow channel and can safely navigate **ONLY** inside the channel. The sailing vessel approaches a vessel engaged in fishing. Which statement is TRUE?

- ☐ (A) The sailing vessel must keep out of the way of the fishing vessel.
- ☒ (B) The fishing vessel is directed not to impede the passage of the sailing vessel.
- ☐ (C) Each vessel should be displaying signals for a vessel constrained by her draft.
- ☐ (D) Each vessel should move to the edge of the channel on her port side.

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

**48. BOTH INTERNATIONAL & INLAND** The Rules state that certain factors are to be taken into account when determining safe speed. Which factors are included?

- ☐ (A) temperature
- ☒ (B) state of wind, sea, and current, and the proximity of navigational hazards
- ☐ (C) maximum attainable speed of your vessel
- ☐ (D) aids to navigation that are available

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

**49. BOTH INTERNATIONAL & INLAND** There are vessels which, to the extent necessary to carry out their work, do not have to comply with the rules regarding traffic separation schemes. Which is one of these vessels?

- (A) engaged on pilotage duty
- (B) engaged in fishing in a traffic lane
- (C) servicing a submarine cable
- (D) towing another

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

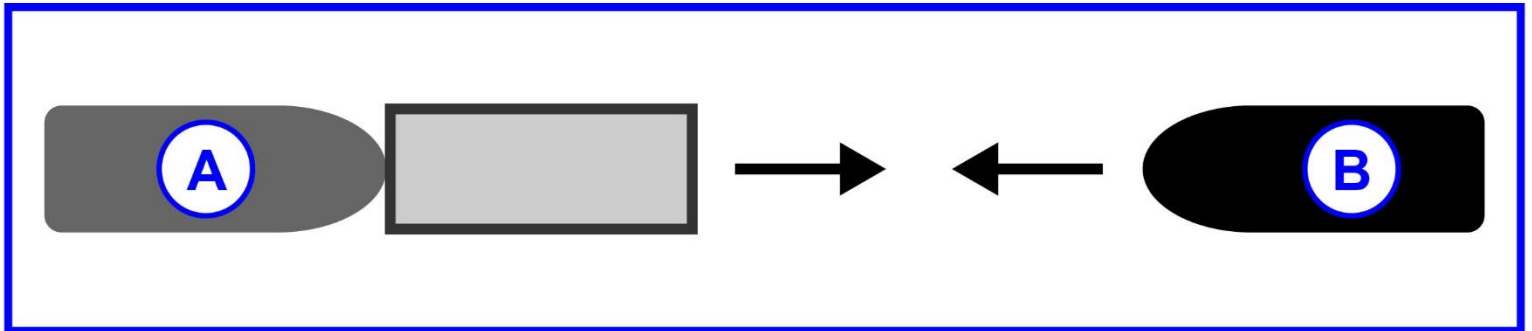
**50. INTERNATIONAL ONLY** A wing in ground (WIG) craft cannot comply with the spacing requirement for masthead lights. What is required in this situation?

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

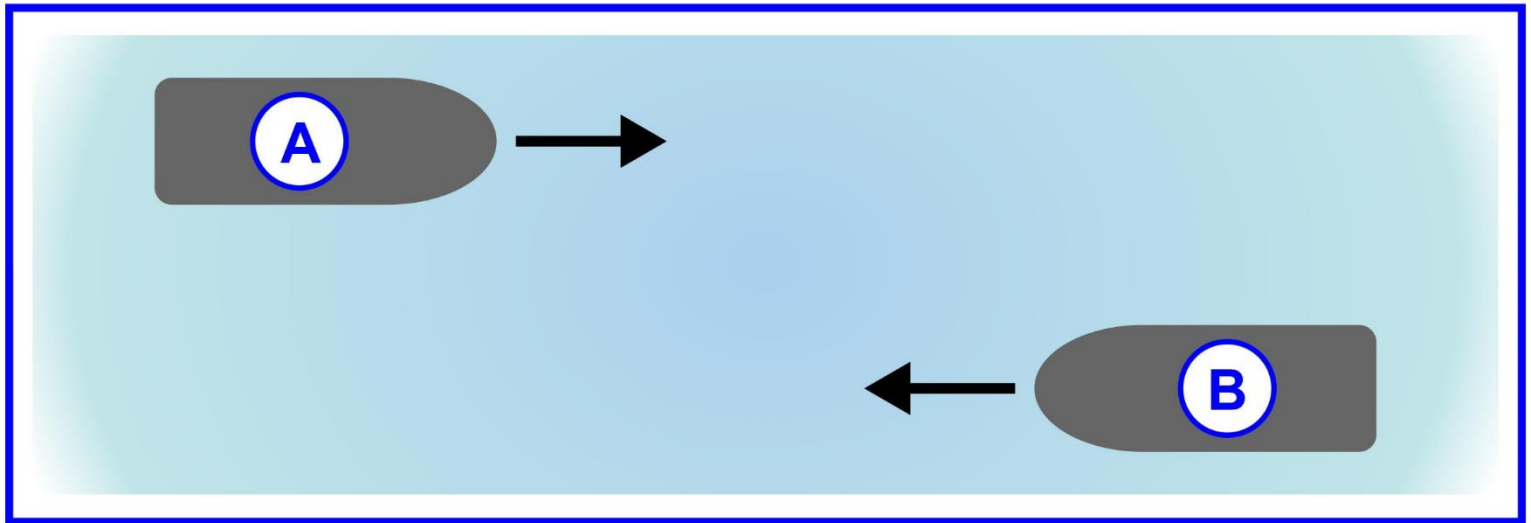
*If choice A is selected set score to 1.*

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**D012RR**

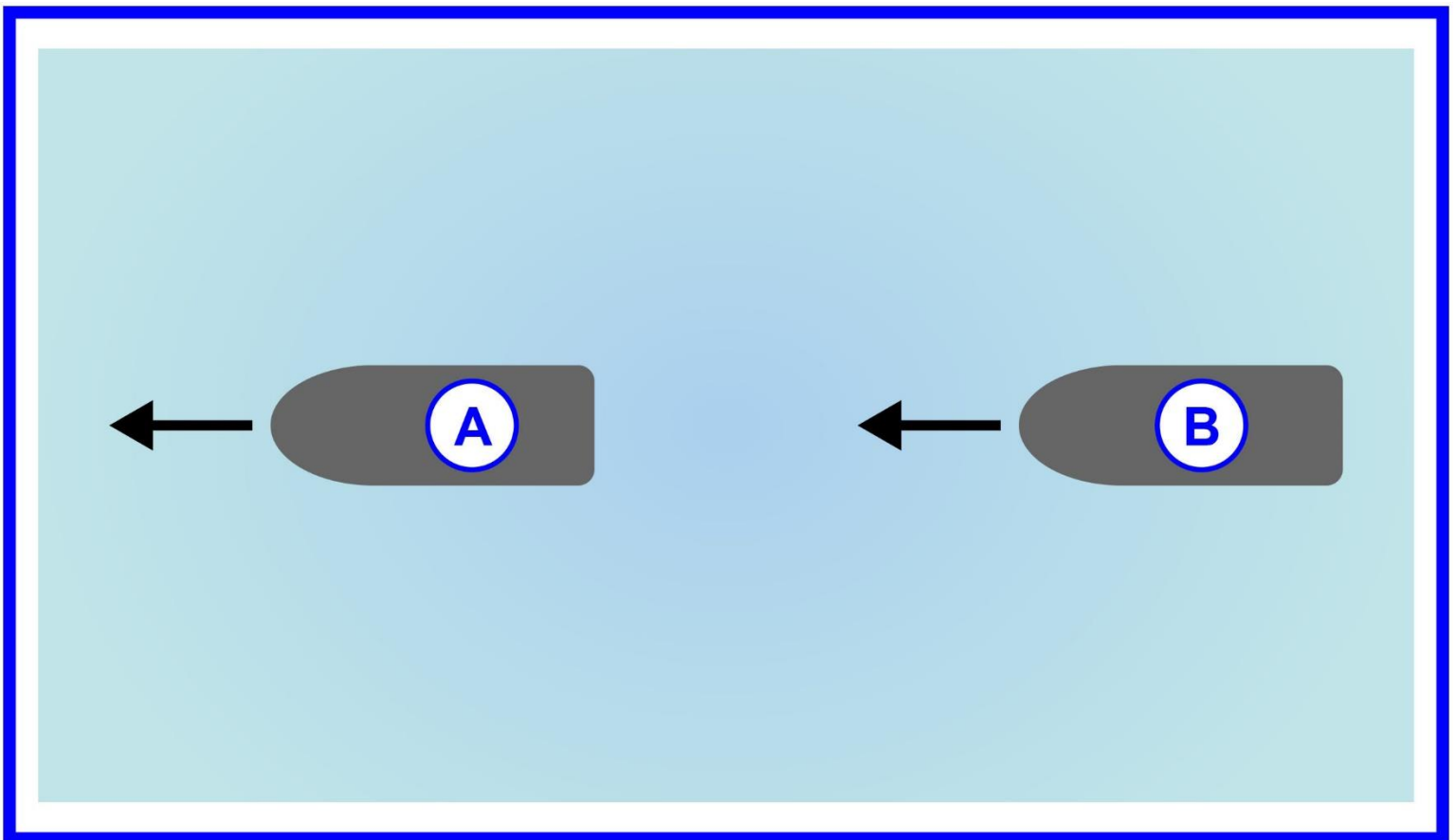


## D029RR



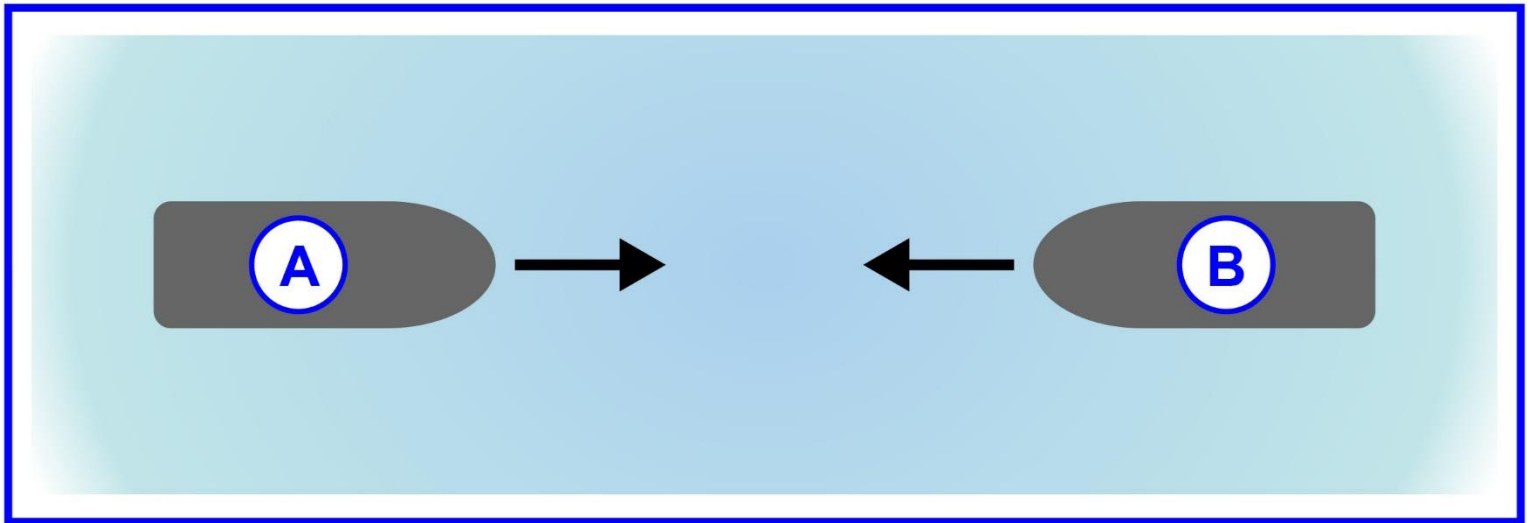
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## D032RR



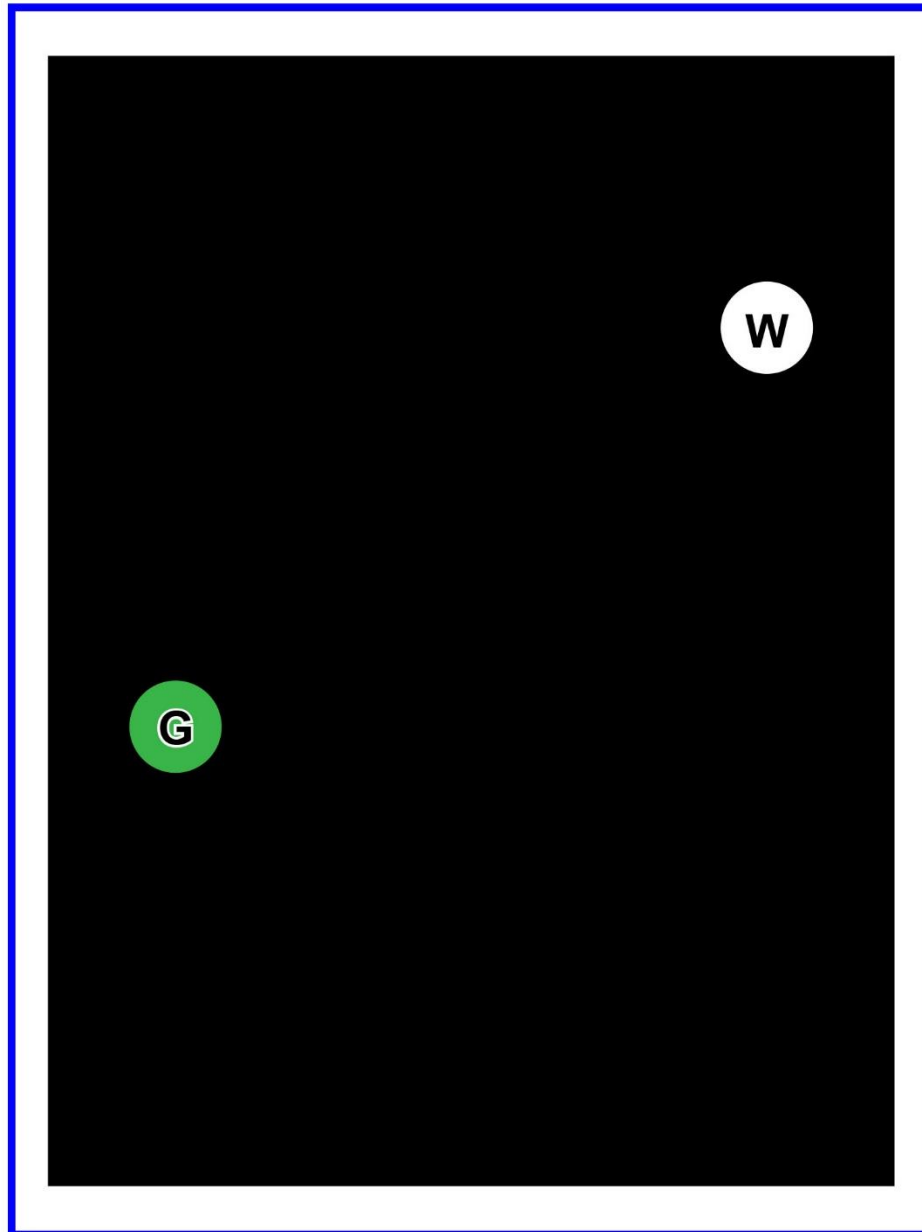
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**D037RR**





## D059RR



**D075RR**

