

Round: 13B

Use the nautical chart provided to answer the following questions.

You and your friends are heading out for a boating trip along the Jersey Shore in your cuddy cabin cruiser. The cruiser has a 6.5ft. beam, is 18 ft long, and has a draft of 1.4ft. It also has a 40hp motor, and a foldable (or collapsible) VHF antenna that stands 10ft above the water.

1. Why should you review the edition number located in the lower left-hand corner (or the upper right-hand corner) of the nautical chart prior to departing on our trip? (1pt)
2. a. Departing from the Shark River Municipal Boat Basin, and traveling East toward the Shark River Inlet, which obstacle will cause your crew their first issue, and why? (2pts)
b. How will you overcome this issue? (1pt)
3. After passing under two bridges you approach two markers -
(1st) **Fl R 4s 33ft 6M “2”** and (2nd) **Fl G 4s 33ft 6M “1”**.
 - a. What is the name for these types of markers? (1pt)
 - b. What do the series of letters and numbers on the first marker mean? (6 pts)

<i>Fl</i> = _____	<i>33ft</i> = _____
<i>R</i> = _____	<i>6M</i> = _____
<i>4s</i> = _____	<i>“2”</i> = _____
- c. On what side of the boat should the marker “1” pass? Use the nautical term. (1pt)
4. As you travel out of the Shark River you cross the COLREGS demarcation line. What does crossing this line mean? (2pt)
5. After leaving the mouth of the Shark River you begin to traveling toward the Manasquan River Inlet at 10 knots along the 30 ft contour line.
 - a. How many nautical miles will you cover in 6 minutes? (3 pts)
6. At the Manasquan River Inlet, there is a jetty. How is a jetty identified on the nautical chart? (1pt)
7. After entering the Manasquan River Inlet and going under the railroad bridge, you note that the chart marks the channel more frequently. Why is this? (2 pts)