

U.S.C.G. Merchant Marine Exam  
Operator Uninspected Passenger Vessels  
Q358 Chart 13205TR  
(Sample Examination)

**Choose the best answer to the following Multiple-Choice Questions.**

The following questions are to be answered by plotting on chart 13205 TR, Block Island Sound, and using the supporting publications.

Each question is completely independent of any other question on this exam.

The following information is applicable to all questions.

(The abbreviation "psc" stands for "per standard magnetic compass".)

VARIATION IS 15° W

**DEVIATION TABLE**

<b><i>Magnetic Heading</i></b>	<b><i>Deviation</i></b>
000°	2.0°E
030°	3.0°E
060°	4.0°E
090°	2.0°E
120°	1.0°E
150°	1.0°W
180°	2.0°W
210°	3.5°W
240°	3.0°W
270°	1.5°W
300°	0.0°
330°	1.5°E

1. At 1020 your position is LAT 41°11.0'N, LONG 71°50.0'W. You are on course 056° per standard magnetic compass at 9.2 knots. At 1112 your position is LAT 41°15.9'N, LONG 71°41.7'W. What were the set and drift?
- A. 331°T at 0.8 knot
  - B. 130°T at 0.9 knot
  - C. 346°T at 1.1 knots
  - D. 141°T at 1.2 knots

Correct answer: D

2. At 1523 your position is LAT 41°08.2'N, LONG 71°34.4'W. You are turning for 8.7 knots. What is your ETA at Shagwong Reef Buoy "7SR"?
- A. 1653
  - B. 1718
  - C. 1711
  - D. 1700

Correct answer: C

3. You are proceeding from a point 4 miles due east of Montauk Point enroute to Long Island Sound via The Race. What should you expect the soundings to do?
- A. be inaccurate due to sound absorption by the mud bottom
  - B. increase rapidly at first then remain constant until through the Race
  - C. start increasing when north of Montauk Point
  - D. remain fairly constant

Correct answer: C

4. Your position is 3 miles due east of Montauk Point Light. What is the course to steer to arrive at LAT 41°00.0'N, LONG 71°30.0'W, if you are turning for 7.8 knots, the current is 130° at 1.2 knots, and a southerly wind causes 3° of leeway?
- A. 102°T
  - B. 105°T
  - C. 112°T
  - D. 108°T

Correct answer: D

5. Which of the following describes the passage between Great Gull Island and Plum Island?
- A. it is subject to weak and variable tidal currents
  - B. it shows a whirlpool at maximum ebb current when accompanied by NW gales
  - C. it uncovers at extreme low water
  - D. it should be avoided

Correct answer: D

6. You sight North Dumpling Island Light in line with Latimer Reef Light (LAT 41°18.2'N, LONG 71°56.0'W) bearing 089° per standard magnetic compass. If your vessel was heading 297° per standard magnetic compass at the time, which of the following is TRUE?
- A. The deviation equals the variation.
  - B. The deviation table is correct for that heading.
  - C. You should swing your vessel to check the deviation table.
  - D. The compass error is 13°W for all bearings of 089°psc.

Correct answer: C

7. What does the precautionary area southeast of Block Island refer to?
- A. dumping ground for hazardous wastes
  - B. military exercise area
  - C. recommended traffic lane
  - D. national marine refuge

Correct answer: C

8. At 1016 your GPS position is LAT 41°07.6'N, LONG 71°38.5'W. At 1104 your position is LAT 41°00.4'N, LONG 71°29.4'W. What was the speed made good between the two positions?
- A. 10.9 knots
  - B. 13.6 knots
  - C. 11.7 knots
  - D. 12.5 knots

Correct answer: D

9. You are 3 miles due east of Montauk Point Light. What is the course per standard magnetic compass to a position 1.5 miles due east of Watch Hill Point Light?
- A. 007°psc
  - B. 341°psc
  - C. 011°psc
  - D. 337°psc

Correct answer: A

10. You are on course 053° per standard magnetic compass when you take the following bearings:

Little Gull Island Light 275°psc  
Race Rock Light 296°psc  
Latimer Reef Light 011°psc

What is your position?

- A. LAT 41°12.9'N, LONG 71°56.3'W
- B. LAT 41°13.8'N, LONG 71°56.1'W
- C. LAT 41°13.2'N, LONG 71°56.0'W
- D. LAT 41°13.4'N, LONG 71°55.5'W

Correct answer: C