

U.S.C.G. Merchant Marine Exam
Master Uninspected Fishing Vessels
Q184 Chart 13205TR
(Sample Examination)

Choose the best answer to the following Multiple Choice Questions.

1. The nominal range of a light may be accurately defined as the maximum distance at which a light may be seen _____.
- (A) under existing visibility conditions
 - (B) with ten miles visibility
 - (C) with fifteen miles visibility
 - (D) under perfect visibility

If choice B is selected set score to 1.

2. The following questions are to be answered using Chart 13205 TR, Block Island Sound, and supporting publications.

Your vessel is on a course of 090°T at a speed of 14 knots.

Your draft is 37 feet and your height of eye is 56 feet.

At 1705:

Race Rock Light bears 099°True

Orient Point Light bears 176°True

Bartlett Reef Light bears 083°True

What is your vessel's position?

- (A) LAT 41°16.4'N, LONG 72°14.2'W
- (B) LAT 41°15.4'N, LONG 72°16.6'W
- (C) LAT 41°15.0'N, LONG 72°14.3'W
- (D) LAT 41°15.9'N, LONG 72°14.0'W

If choice D is selected set score to 1.

3. If there is no set or drift, at what time would you be abeam of Bartlett Reef Light?

- (A) 1729
- (B) 1734
- (C) 1719
- (D) 1724

If choice D is selected set score to 1.

4. At 1718, Bartlett Reef Light bears 050°T at a distance of 1.5 miles. From this position, you change course to 128°T . At 1750 Race Rock Light bears 336°T , Little Gull Island Light bears 285°T , and Montauk Point Light bears 134°T . What were the set and drift of the current you encountered since 1718?

- (A) 065°T at 1.7 knots
- (B) 245°T at 0.9 knots
- (C) 245°T at 1.7 knots
- (D) 065°T at 0.9 knots

If choice A is selected set score to 1.

5. If your fathometer is set on fathoms, what should your fathometer read at 1750?

- (A) 51.0 fathoms
- (B) 14.7 fathoms
- (C) 10.2 fathoms
- (D) 8.5 fathoms

If choice D is selected set score to 1.

6. At 1756 you determined your vessel's position to be $41^{\circ}10.4'\text{N}$, $71^{\circ}59.2'\text{W}$. From this position, you wish to change course to head for a point 5 miles west of Block Island North Light. With a reported set of 050°T , a drift of 2.0 knots and turning RPM's for 14 knots, which course should you steer to make good your desired course?

- (A) 085°T
- (B) 070°T
- (C) 075°T
- (D) 080°T

If choice D is selected set score to 1.

7. At 1844 Watch Hill Point bears 323°T and Block Island North Light bears 084°T . Which statement is TRUE?

- (A) You are to the left (north) of your desired course line.
- (B) Your vessel is approximately 8.7 miles off Sandy Point.
- (C) Your fathometer reads 97 feet
- (D) You are governed by the Inland Rules of the Road.

If choice B is selected set score to 1.

8. From your 1850 position of $41^{\circ}12.8'N$, $71^{\circ}44.1'W$, you change course to $060^{\circ}T$. If you make the course good, what will be your predicted distance off Point Judith Light when the Light bears $015^{\circ}T$?
- (A) 1.2 miles
 - (B) 1.9 miles
 - (C) 3.4 miles
 - (D) 2.7 miles

If choice D is selected set score to 1.

9. You are making good a course of $060^{\circ}T$ at a speed of 13.5 knots. At 1855 Block Island North Light bears $086^{\circ}T$; at 1910 Block Island North Light bears $108^{\circ}T$; and at 1930 the same light bears $184^{\circ}T$. Which statement is TRUE about your 1930 running fix position?
- (A) You are on the edge of a cable area.
 - (B) You are inside the 120 fathom curve
 - (C) The wavy magenta lines to the north through east of your position are designated lobstering areas.
 - (D) The bottom is mud, sand, and clay.

If choice A is selected set score to 1.

10. At 1942 Point Judith bears $030^{\circ}T$ and has a range of 3.6 miles and Sandy Point has a range of 5.3 miles. What was your speed made good from your 1850 position?
- (A) 13.0 knots
 - (B) 13.5 knots
 - (C) 14.0 knots
 - (D) 12.5 knots

If choice A is selected set score to 1.