

U.S.C.G. Merchant Marine Exam

Master or Mate Less than 200 Gross Registered Tons Rivers

Q398 Chart – Mississippi River

(Sample Examination)

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

1. The following questions (1-10) are based on the Army Corps of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List.

AHP = Above Head of Passes
LMR = Lower Mississippi River
UMR = Upper Mississippi River
OHR = Ohio River
ACOE = Army Corps of Engineers

At 0825 on 08 March, you get underway from the docks at mile 173.0 (AHP), enroute to the docks at mile 179.0 (UMR) in St. Louis, MO, with a tow of eight barges carrying cement.

What is the distance from the River Cement Co. Dock to the mouth of the Ohio River?

- A. 718.8 miles
- B. 780.8 miles
- C. 953.5 miles
- D. 981.5 miles

Correct answer: B

2. You are approaching the Baton Rouge R.R. and Hwy 190 Bridge mile 233.9 (AHP). What is the horizontal clearance of the channel span?

- A. 748 feet
- B. 623 feet
- C. 443 feet
- D. 111 feet

Correct answer: A

3. You are turning for 9 mph, approaching Fort Adams Lt. (mile 311.4 AHP) and it is reported that the current at Knox Landing is estimated at 4.5 MPH. Which of the following statements is TRUE?

- A. The inflow channel is a navigable channel for any vessel.
- B. Old River Control Structure Light and Fort Adams Light may be used as range lights when entering the outflow channel.
- C. Tows and other vessels should navigate as close to the left descending bank as safety will permit.
- D. You are making 13.5 mph over the ground.

Correct answer: C

4. At 0715, on March 9, you pass Knox Landing Gage at mile 313.8 (AHP) and estimate the current will average 3.5 mph for the remainder of the time on the Mississippi River. What is your ETA at the mouth of the Ohio River if you increase speed to turn for 10 mph?

- A. 0943, 13 March
- B. 0640, 11 March
- C. 0554, 12 March
- D. 1242, 13 March

Correct answer: A

5. What is the vertical clearance between the highest point of your towboat, if it is 45 feet above the water, and if the Natchez Gage reads 23.4 feet when passing under the Natchez-Vidalia Westbound Highway Bridge?
- A. 67.5 feet
 - B. 57.6 feet
 - C. 52.2 feet
 - D. 45.2 feet

Correct answer: B

6. In high water conditions, which publication would you consult for the latest information on buoys between Baton Rouge and Cairo?
- A. Army Corps. of Engineers Navigation Chart
 - B. Coast Pilot
 - C. List of Buoys and Daymarks
 - D. U.S.C.G. Local Notice to Mariners

Correct answer: D

7. As you approach Buckridge Light at mile 412.5 (AHP), which type of daymark would you see on the light structure?
- A. Green diamond
 - B. Red diamond
 - C. Red square
 - D. Green square

Correct answer: A

8. At 1019, on 10 March, you pass under the Greenville Bridge mile 531.3 (AHP). What was your average speed since departing the docks at mile 173.0 (AHP)?
- A. 7.2 mph
 - B. 6.8 mph
 - C. 6.5 mph
 - D. 6.2 mph

Correct answer: A

9. As you approach mile 659 (AHP), you notice on the map a dashed line crossing the river at mile 659.9 (AHP). What does this line indicate?
- A. Power line overhead
 - B. Pipeline submarine
 - C. A ferry crossing
 - D. Gas pipelines

Correct answer: A

Q398-Chart-Mississippi River
U.S.C.G. Merchant Marine Exam
Master or Mate Less than 200 Gross Registered Tons
Illustrations: 0

10. On which river is New Providence, TN located?

- A. Ohio
- B. Upper Mississippi
- C. Allegheny
- D. Cumberland

Correct answer: D