

Navigation Problems

Chart Plot

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The Natchez Gage reads 20.6 feet. The high point on your towboat is 47 feet above the water. What is the vertical clearance as you pass under the Natchez Highway Bridge?

58.0 feet

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

You pass Springfield Bend Lt. (244.8 AHP) at 1242, on 17 October, and estimate the current will average 2.5 mph for the remainder of your trip. What is your ETA at the mouth of the Ohio River if you are making turns for 10.5 mph?

0519, 21 October

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

What are the dimensions of Old River Lock, on the Lower Mississippi River?

1190 feet x 75 feet

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

You pass Warnicott Bar Lt. at 1146, 24 May. What is your ETA off the Mhoon Landing Gage if you average 6.5 mph?

1528, 26 May

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

What is your ETA at the Memphis Highway Bridge?

1052, 22 Sept

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

At 0305 on 18 April, you pass under the Greenville Bridge (mile 531.3 AHP). What was your average speed since departing Amoco Pipeline Co. Docks (253.6 AHP)?

6.8 mph

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

The highest point on your towboat is 57 feet above the water, and the Memphis Gage reads +1.3 feet. What is the vertical clearance when you pass under the Memphis Highway Bridge in Memphis?

54.6 feet

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

As you approach mile 427.6 AHP, you see on the right side a white buoy with orange bands and open face diamond. This buoy marks _____.

danger

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

The Crooked River empties into which river?

Missouri

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

What are the dimensions of the Old River Lock on the lower Old River (304 AHP)?

1190 x 75 feet

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

What company does NOT have a marine facility along the river bank in Helena (mile 658 to 665 AHP)?

Helena Grain Co.

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

Which of the following statements regarding buoys on the Mississippi River is TRUE?

Buoy positions on the chart are approximate.

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

What is the width of the navigable channel at Columbus Pt. Light (mile 936.0 AHP)?

300 feet

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

At 1000, on May 11th, you are passing George Prince Lt. (mile 364.1 AHP) in Natchez, Mississippi and must send an ETA to the Monsanto Terminal in St. Louis (mile 178.0 UMR). Your engines are still turning for 8.5 mph and you estimate the current at 2.5 mph. What will be your arrival time in St. Louis?

1757 on 16 May

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

What is the distance to Caruthersville Gage from Cape Girardeau?

160.4 miles

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

Which company does NOT have a marine facility along the river bank in Helena (mile 661 to 665 AHP)?

Helena Grain, Inc.

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

The highest point on your towboat is 48 feet above the water, and the Memphis Gage reads +7.5 feet. What is the vertical clearance when you pass under the Hernando Desoto Bridge in Memphis?

53.2 feet

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

Which company does NOT have a marine facility in Rosedale harbor (mile 585 AHP)?

T.L. James

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

Which type of daymark would you see on the Belle Island Corner Lt. at mile 458.6 (AHP)?

Red - Diamond

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

How far is it to the Hernando Desoto Bridge in Memphis, TN?

218.1 miles

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

What is the brown colored tint shown at Bordeaux Point Dykes (681.0 AHP)?

dredge material

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

At 0119, on 10 September, you pass Springfield Bend Lt. (244.8 AHP) and estimate the current will average 2.5 mph for the remainder of your trip. What is your ETA at the mouth of the Ohio River if you are making turns for 8.5 mph?

2329, 14 September

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

What is the width of the widest span of the Cairo Highway Bridge (Upper Mississippi River mile 1.3)?

675 feet

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

What are the light characteristics of Greenwood Light (mile 288.6 AHP)?

2 red flashes every 5 seconds

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

The highest point on your towboat is 67 feet above the water, and the Helena Gage reads +22.3 feet. What is the vertical clearance when you pass under the A-span of the Helena Highway Bridge?

30.1 feet

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

What is the mile point of Hickman, KY Gage?

922.0 AHP

Illustrations: CHT_5_8_2_4A_1TO53

See REF1546

Which of the following statements regarding buoys on the Mississippi River is TRUE?
Buoys should be given as wide a berth as possible in passing.

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

What is the width of the widest span of the Cairo Highway Bridge (Upper Mississippi River mile 1.3)?
675 feet

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

At 1000, on May 11th, you are passing George Prince Lt. (mile 364.1 AHP) in Natchez, Mississippi and must send an ETA to the Monsanto Terminal in St. Louis (mile 178.0 UMR). Your engines are still turning for 8.5 mph and you estimate the current at 2.5 mph. What will be your arrival time in St. Louis?
1757 on 16 May

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

You estimate the current at 2.0 mph. What is the speed over the ground?
5.5 mph

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

What company does NOT have a marine facility along the river bank in Helena (mile 661 to 665 AHP)?
Riceland Food Corp.

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

You pass Springfield Bend Lt. (244.8 AHP) at 1242, on 17 October, and estimate the current will average 2.5 mph for the remainder of your trip. What is your ETA at the mouth of the Ohio River if you are making turns for 10.5 mph?
0519, 21 October

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

As you approach mile 225 AHP, you notice on the map a black broken line crossing the river at mile 224.2 AHP. This line indicates _____.
power lines

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546

In order to determine what buoys, if any, are in place at Concordia Bar crossing (mile 596.0 AHP), what should you check?
Notice to Mariners

Illustrations: CHT_5_8_2_4A_1TO53
See REF1546