



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	109	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 0630, on 15 March, you are upbound on the Lower Mississippi River passing Kaiser Aluminum & Chemical Corp. (mile 234.0 AHP). The horizontal clearance of the center span on the Baton Rouge RR and Highway Bridge (mile 233.9 AHP) is _____.	443	500	623	748
2	15022	You are upbound approaching Springfield Bend Lt. (mile 244.8 AHP) downriver from Profit Island. Which of the following statements is TRUE?	Profit Island Chute is open to navigation and is a shortcut for single-barge	Tow length must not exceed 600 feet to use Profit Island Chute.	Profit Island Chute is closed to navigation.	Tows must navigate towards right descending bank when passing Profit Island Chute.
3	15023	At 1042, on 16 March, you are passing the Vicksburg Gage (mile 437.0 AHP). What has been the average current since 0630, 15 March, if you have been making turns for	0.2 mph	0.5 mph	0.8 mph	1.2 mph
4	15024	Which of the following statements regarding buoys on the Mississippi River is TRUE?	The positions of river buoys can be found in the latest edition of Light List-Vol. V.	Buoy positions on the chart are approximate.	The buoys are maintained on station year round.	The buoys do not shift positions due to permanent moorings.
5	15025	What is the mile point of the Arkansas City Gage?	554.1 AHP	556.8 AHP	560.0 AHP	562.8 AHP
6	15026	The highest point on your towboat is 53 feet above the water, and the Helena Gage (mile 663 AHP) reads 6.7 feet. What is the vertical clearance when you pass under the Helena Highway Bridge in Helena?	59.9 feet	62.5 feet	64.1 feet	65.5 feet
7	15027	You are passing the Memphis Gage at 0405, 18 March. If you are turning for 8 mph and estimate the current at 0.9 mph, what is your ETA at Cairo Point, IL (mile 954.5 AHP)?	0447, 19 Mar	1052, 19 Mar	1518, 19 Mar	1808, 19 Mar
8	15028	At what time would you listen to VHF Channel 22 (157.1 MHz) for information concerning the stage of the river between Memphis and Cairo?	1115	1235	1300	1815
9	15029	What type of daymark will you see as you approach Gold Dust Bar Light (mile 793.3 AHP) ?	Red diamond	Red triangle	Green square	Green diamond
10	15230	What is the distance from Cairo Point, IL, to Arkansas City?	28 miles	110 miles	292 miles	400 miles



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Number	cgid	question	answerA	answerB	answerC	answerD
1	15621	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 3 January you get underway from Cambalick Dock, Morganza, LA, (mile 278.3 AHP) enroute to the Socony-Mobil Oil Docks (east side), LDB, in St. Louis. What is the length of the trip?	899.6 miles	878.9 miles	851.9 miles	726.0 miles
2	15622	What are the dimensions of the Old River Lock on the Lower Old River (mile 304 AHP)?	1190 x 75 feet	1195 x 75 feet	1195 x 84 feet	1202 x 84 feet
3	15623	At 2126, you pass Morganza Bend Light (mile 278.4 AHP). At 0122, 4 January, you pass Red River Landing Gage (mile 302.4 AHP). You have been turning for 7.5 mph. What is the current?	1.4 mph	1.8 mph	2.7 mph	6.2 mph
4	15624	The Gage at Red River Landing reads 22.2 feet. The low water reference plane for Red River is 10.6 feet. How many feet is this above the low water reference plane?	10.6 ft	11.6 ft	22.2 ft	32.8 ft
5	15625	The river will be temporarily closed to navigation at mile 531.3 AHP due to repairs to the bridge. This will occur at 1300, 5 January, and last for six hours. What minimum speed over the ground must you make from Red River Landing Gage in order not to be delayed?	6.0 mph	6.4 mph	6.8 mph	7.3 mph
6	15626	What type of daymark will you see as you approach Joe Pierce Light (mile 335.4 AHP)?	Private aid - no daymark	Red square	Red triangle	Red diamond
7	15627	What is the vertical clearance of the Natchez Highway Bridge (westbound) when the river level is the same as the Low Water Reference Plane (6.1 ft.)?	102.2 ft	108.3 ft	119.4 ft	125.6 ft
8	15628	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	64.1 feet	72.5 feet	78.6 feet
9	15629	In order to determine what buoys, if any, are in place at Concordia Bar crossing (mile 596.0 AHP), what should you check?	Bulletin board at the Rosedale Gage	Waterways Journal	Notice to Mariners	Light List
10	15630	The area between Island 67 Upper Light (mile 623.1 AHP) and Sunflower Cut-off Foot Light (mile 624.8 AHP) is known as a _____.	transit	chute	crossing	slough



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Number	cgid	question	answerA	answerB	answerC	answerD
1	15721	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 21 September, you are making up your tow at the fleeting area in Cairo, IL (mile 980.6 Ohio River). You get underway at 0952 enroute to New Orleans with a mixed tow. You are turning for 7.8 mph and estimate the current at 1.0 mph. What is your speed over the ground?	8.8 mph	7.9 mph	7.8 mph	6.8 mph
2	15722	What is your ETA at the Memphis Highway Bridge?	0828, 22 Sept	1052, 22 Sept	1405, 22 Sept	1813, 22 Sept
3	15723	What daymark should you see as you approach Parker Landing Light (mile 924.6 AHP)?	Green square	Green triangle	Red and green rectangle	Green diamond
4	15724	You pass Morrison Towhead Light (mile 890.5 AHP) at 1723. What was your average speed since leaving Cairo?	7.5 mph	7.8 mph	8.5 mph	8.8 mph
5	15725	At 1723 you increase speed to make good 9.2 mph. At 1937 you have a daymark on your port beam. What daymark is this?	Tiptonville Ferry Landing Daymark	Tiptonville Light	Merriwether Bend Light and Daymark	Alaska Light and Daymark
6	15726	The charts show a circle with two black quadrants located at mile 846.0 AHP. What does this indicate?	Hazardous chemical dock	Bulletin Board	Betz-Tipton Veneers Terminal	River Gage
7	15727	The Helena Gage reads 9.4 feet. The high point on your towboat is 46 feet above water. What is the vertical clearance when you pass under the Helena Highway Bridge?	56.0 feet	64.2 feet	79.5 feet	106.1 feet
8	15728	What company does NOT have a marine facility along the river bank in Helena (mile 658 to 665 AHP)?	Helena Grain Co.	Helena Port Terminal, Inc.	Arkansas Power & Light Co.	Texas Eastern Pipeline Co.
9	15729	If the Rosedale Gage reads -0.5 feet, what is the water level if the low water reference plane for Rosedale is 3.0	0.5 foot below the plane	0.5 foot above the plane	2.5 feet above the plane	3.5 feet below the plane
10	1406	Which of the following describes the river at Cypress Bend, mile 569.0 AHP?	There are revetments on both banks.	The river is three tenths of a mile wide.	There is dredge spoil on both banks.	There is a turning basin located on the LDB.



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Number	cgid	question	answerA	answerB	answerC	answerD
1	15821	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 1015 on 16 April, you are at the Amoco Pipeline Co. Docks (mile 253.6 AHP), when you get underway, enroute Institute, WV with a tow of eight barges carrying molten sulphur. What is the distance from the Amoco Pipeline Co. Docks at Baton Rouge, LA, to the mouth of the Ohio River?	700.2 miles	727.9 miles	953.5 miles	981.5 miles
2	15822	You are turning for 10 mph, approaching Angola, LA. Angola reports that the current at Red River Landing is estimated at 4.5 mph. Which of the following statements is TRUE?	You are making 14.5 mph over the ground.	You should expect to encounter vessels crossing the river at mile 300.5 AHP.	You would expect to find a more favorable current near the broken red line in the river.	Hog Pt. Light and Hog Pt. Lower Light may be used as range lights when entering Shreves cut-off.
3	15823	As you approach Shreves cut-off you see Red River Landing Gage (mile 302.4 AHP) which reads 6.2 feet. The Low Water Reference Plane (LWRP) for Red River is 10.6 feet. Which of the following statements is TRUE?	This reading is at 4.4 ft. below the Low Water Reference Plane.	This reading is 6.2 ft. above the Low Water Reference Plane.	The depth of water at Red River Landing is 6.2 ft.	A vessel drawing 7 ft. would be able to pass through the locks at Lower Old River.
4	15824	You pass Red River Gage at 2015 on 16 April 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 continue to turn for 10 mph?	1445, 20 April	1830, 20 April	0028, 21 April	0821, 21 April
5	15825	What is the vertical clearance between the highest point of your towboat, if it is 58 feet above the water, and if the Natchez Gage reads 28.13 feet when passing under the Natchez Upper Highway Bridge?	15.9 feet	33.2 feet	39.9 feet	45.4 feet
6	15826	In high water conditions, which publication would you consult for the latest information on buoys between Baton Rouge and Cairo?	U.S.C.G. Local Notice to Mariners	U.S.C.G. Light List	Army Corps. of Engineers Navigation Chart	List of Buoys and Daymarks
7	15827	As you approach Giles Bend Cutoff Light (mile 367.7 AHP), what type of daymark would you see on the light structure?	Green diamond	Green triangle	Red triangle	Red diamond
8	15828	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 (mile 253.6 AHP)?	6.2 mph	6.5 mph	6.8 mph	7.2 mph
9	15829	A stretch where the channel changes from one side of the river to the other is called a _____.	passing	transit	transfer	crossing
10	15830	The black broken-line marking, across the river, that appears at mile 952.1 AHP represents a _____.	utility crossing	railroad	submarine crossing	revetment



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Number	cgid	question	answerA	answerB	answerC	answerD
1	33	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 16 October, you depart the Formosa Plastics mooring facility at mile 233.5 AHP with six loaded tank barges enroute to the Agrico Chemical dock, Herculaneum, MO (mile 153.4 UMR). Your engines are making turns for 6.5 mph in still water. What is the total length of the trip?	873.7 miles	900.7 miles	901.4 miles	910.6 miles
2	34	You estimate the current at 3.0 mph. What is the speed over the ground?	9.5 mph	7.5 mph	4.5 mph	3.5 mph
3	35	What are the dimensions of the channel maintained at Baton Rouge, LA?	30 feet x 300 feet	45 feet x 500 feet	30 feet x 500 feet	40 feet x 300 feet
4	36	You pass Springfield Bend Lt. (mile 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	1905, 19 October	2122, 19 October	0232, 21 October	0519, 21 October
5	37	As you pass under the Natchez-Vidalia Dual Bridge, the gage on the bridge reads -3.6 feet. If the highest point on your vessel is 62 ft. above the water, what is your vertical clearance?	122.0 feet	67.6 feet	63.6 feet	60.0 feet
6	38	What are the color and shape of Anconia Pt. Light at mile 528.6 AHP?	Green - Diamond	Green - Square	Red - Triangle	Red - Square
7	39	At 1227, on 19 October, you pass under the Greenville Highway Bridge (mile 531.3 AHP). What speed must you average to arrive at Jimmy Hawken Light (mile 663.5 AHP) at 0930 the following day?	6.3 mph	5.9 mph	5.6 mph	5.2 mph
8	40	Which of the following statements regarding aids to navigation shown in the Army Corps. of Engineers map book is TRUE?	The U.S. Army Corps. of Engineers is responsible for placing and maintaining all aids to navigation.	Buoy positions as shown on the chart are exact.	Buoys should always be given as wide a berth as possible.	Lights and daymarks are always shown in their exact location.
9	41	The Delta-Friar Point revetment on the LMR extends from mile _____.	648.5 - 645.5 LDB	652.8 - 649.6 RDB	657.3 - 652.2 LDB	645.6 - 641.4 RDB
10	42	What is the distance from Greenville, MS, to St. Louis, MO, on the Mississippi River System?	832 miles	733 miles	597 miles	566 miles



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Number	cgid	question	answerA	answerB	answerC	answerD
1	43	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 1745, on 25 August, you depart Memphis Harbor, McKellar Lake (mile 726.0 AHP - LMR) enroute to Baton Rouge, LA, with a tow of twelve empty gasoline barges. You have received orders to proceed to the Amoco Pipeline Co. (mile 253.6 AHP) above Baton Rouge. If your vessel is making turns for 9 mph with an estimated average current of 1.5 mph, what is your ETA at the Amoco docks?	0844, 28 Aug	1454, 28 Aug	1444, 27 Aug	2214, 27 Aug
2	44	The highest point on your towboat is 52 feet above the water, and the Helena Gage reads +9.6 feet. What is the vertical clearance when you pass under the A-span of the Helena Highway Bridge?	73.1 feet	58.0 feet	53.9 feet	49.8 feet
3	45	You are in charge of a vessel that damages an aid to navigation established and maintained by the United States. Which statement is TRUE?	You must take the aid in tow and deliver it to the nearest Coast Guard, Marine Safety Office.	You must report the accident to the nearest Officer in Charge, Marine Inspection.	You may wait until you reach your destination before reporting the allision to the U.S. Coast Guard.	You must report the allision to the nearest Corps. of Engineers office.
4	46	At 2342, on 25 August, you pass under the Helena Highway Bridge (mile 661.7 AHP). What has been the average speed of the current since departing Memphis Harbor, McKellar Lake, if you have been making turns for 9	5.6 mph	4.4 mph	2.1 mph	1.8 mph
5	47	What is the distance in river miles, from the new mouth of the White River to the RR and Hwy bridge at Baton Rouge,	384 miles	370 miles	365 miles	358 miles
6	48	The Clinch River empties into which river?	Arkansas	Mississippi	Tennessee	Ohio
7	49	As you pass under the Greenville Highway Bridge, you estimate the current as 4.5 mph. What is the speed over the ground, if your vessel is making turns for 9 mph?	13.5 mph	14.5 mph	15.5 mph	16.5 mph
8	51	As you approach Anconia Pt. Light (mile 528.6 AHP), which type of dayboard would you see on the light structure?	Green diamond	Green square	Red square	Red diamond
9	52	You are downbound when you observe on your Mississippi River map a white square with a number inside located on either bank. This indicates _____.	a facilities display number	a river mile marker	a daybeacon	a river gage
10	53	What are the dimensions of Old River Lock, on the Lower Mississippi River?	1190 feet x 75 feet	1045 feet x 75 feet	760 feet x 75 feet	425 feet x 75 feet



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1	54	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 1707, on 23 May, you get underway from mile 234.2 AHP enroute to Louisville, KY (mile 612.6 OR). What is the length of the trip?	1566.4 miles	1334.6 miles	1332.2 miles	1088.0 miles
2	55	After you get underway, what is the first river gage you will pass?	Bayou Sara	Baton Rouge	Head of Passes	Red River Landing
3	56	The Red River Landing Gage reads 5.2 feet. The Low Water Reference Plane for the Red River is 10.6 ft. Which of the following statements is TRUE?	The depth over revetment at Old River is 25.2 feet.	River level is below the Low Water Reference Plane.	The depth over Old River Lock sill is greater than 11 ft.	This gage reading is at a higher elevation than the same reading on the Gage at Head of Passes.
4	57	At 0922, on 24 May, you are abreast the St. Catherine Bar Lt. (mile 348.6 AHP). If you are turning for 8.0 mph, what is the current?	7.0 mph	2.0 mph	1.4 mph	1.0 mph
5	58	What daymark will you see as you approach Warnicott Bar Lt. (mile 351.3 AHP)?	Red diamond	Red triangle	White square	Green square
6	59	You pass Warnicott Bar Lt. at 1146, 24 May. What is your ETA off the Mhoon Landing Gage if you average 6.5 mph?	0909, 27 May	1528, 26 May	0426, 26 May	0152, 26 May
7	60	What town is located at mile 389.8 AHP?	Whitehall	Belmont	Rodney	St. James
8	61	What is the width of the navigable channel at Grand Gulf Island Light (mile 404.9 AHP)?	0.455 miles	0.62 miles	0.71 miles	0.8 miles
9	62	The Greenville Gage reads 10.6 feet. The high point of your towboat is 54 feet above water. What is the vertical clearance as you pass under the Greenville Highway Bridge?	75.4 feet	65.4 feet	54.2 feet	44.4 feet
10	63	In addition to the Army Corps. of Engineers maps, data on bridge clearances may be found in the _____.	Light List	Waterways Journal	Army Corps. of Engineers Regulations	Channel Report



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1	64	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 3 January, you get underway from Morganza, LA, (mile 278.3 AHP) enroute to the Eagle Marine Docks, LDB, in St. Louis. What is the length of the trip?	726.0 miles	851.9 miles	878.9 miles	879.6 miles
2	65	What are the dimensions of the Old River Lock on the Lower Old River (mile 304 AHP)?	1202 x 84 feet	1200 x 75 feet	1195 x 75 feet	1190 x 75 feet
3	66	At 2126, you pass Morganza Bend Light (mile 278.4 AHP). At 0122, 4 January, you pass Red River Landing Gage (mile 302.4 AHP). You have been turning for 7.5 mph. What is the current?	6.2 mph	2.7 mph	1.8 mph	1.4 mph
4	67	The Gage at Red River Landing reads 22.2 feet. The LWRP for Red River is 10.6 feet. What is the water level in relation to the low water reference plane?	32.8 ft below	32.8 ft above	11.6 ft below	11.6 ft above
5	68	The river will be temporarily closed to navigation at mile 531.3 AHP due to repairs to the bridge. This will occur at 1300, 5 January, and last for six hours. What minimum speed over the ground must you make from Red River Landing Gage in order not to be delayed?	7.3 mph	6.8 mph	6.4 mph	6.0 mph
6	69	Which type of daymark will you see as you approach Joe Pierce Light (mile 335.4 AHP)?	Red Triangle	Red square	Red diamond	Private aid - no daymark
7	70	What is the vertical clearance of the Natchez-Vidalia Highway Bridge (westbound) when the river level is the same as the Low Water Reference Plane (6.5 feet)?	125.6 ft	119.5 ft	108.3 ft	102.2 ft
8	71	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?	78.6 feet	72.5 feet	64.1 feet	58.4 feet
9	72	In order to determine what buoys, if any, are in place at Concordia Bar crossing (mile 596.0 AHP), what should you check?	Local Notice to Mariners	Waterways Journal	Bulletin Board at the Rosedale Gage	Light List
10	73	The area between Island 67 Upper Light (mile 623.1 AHP) and Sunflower Cut-off Foot Light (mile 624.8 AHP) is known as a _____.	crossing	chute	transit	slough



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1	74	<p>The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List.</p> <p>On 21 September, you are making up your tow at the fleeting area in Cairo, IL (mile 980.6 Ohio River). You get underway at 0952 enroute to New Orleans with a mixed tow. You are turning for 7.8 mph and estimate the current at 1.0 mph.</p> <p>What is your speed over the ground?</p>	6.8 mph	7.8 mph	7.9 mph	8.8 mph
2	75	What is your ETA at the Memphis Highway Bridge?	1813, 22 Sept	1405, 22 Sept	1052, 22 Sept	0828, 22 Sept
3	76	What daymark should you see as you approach Parker Landing Light (mile 924.6 AHP)?	Green square	Green diamond	Red and green rectangle	Green triangle
4	77	You pass Morrison Towhead Light (mile 890.5 AHP) at 1723. What was your average speed since leaving Cairo?	8.8 mph	8.5 mph	7.8 mph	7.5 mph
5	78	At 1723 you increase speed to make good 9.2 mph. At 1937 you have a daymark on your port beam. What daymark is this?	Tiptonville Ferry Landing Daymark	Tiptonville Light	Alaska Light and Daymark	Merriwether Bend Light and Daymark
6	79	The map shows a circle with two black quadrants located at mile 846.4 AHP. What does this indicate?	A river gage	A bulletin Board	The grain elevator at Bunge Grain	A culvert with a sluice gate
7	80	The Helena Gage reads 9.4 feet. The high point on your towboat is 46 feet above water. What is the vertical clearance when you pass under the Helena Highway Bridge?	106.1 feet	79.5 feet	64.2 feet	56.0 feet
8	81	Which company does NOT have a marine facility along the river bank in Helena (mile 658 to 665 AHP)?	Riceland Food Corps.	Helena Marine Services, Inc.	Helena Grain Co.	Texas Eastern Pipeline Co.
9	82	If the Rosedale Gage reads -0.5 feet, what is the water level in relation to the low water reference plane? The low water reference plane (LWRP) for Rosedale, MS. is 3.0	3.5 foot below the plane	2.5 foot above the plane	0.5 feet above the plane	0.5 feet below the plane
10	83	Which light characteristics does Catfish Point Lower Light (mile 572.2 AHP) have?	2 red flashes every 5 seconds	5 red flashes every 2 seconds	2 white flashes every 5 seconds	3 red flashes every 5 seconds



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1	84	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 1015, on 16 April, you are at the Amoco Pipeline Co. Docks (mile 253.6 AHP), when you get underway, enroute Institute, WV with a tow of eight barges carrying molten sulphur. What is the distance from the Amoco Docks at Baton Rouge, LA, to the mouth of the Ohio River?	981.5 miles	953.5 miles	727.9 miles	700.2 miles
2	85	You are turning for 10 mph, approaching Angola, LA. Angola reports that the current at Red River Landing is estimated at 4.5 mph. Which of the following statements is TRUE?	You should expect to encounter vessels crossing the river at mile 300.5 AHP	You are making 14.5 mph over the ground.	You would expect to find a more favorable current near the broken red line in the river.	Hog Pt. Light and Hog Pt. Lower Light may be used as range lights when entering Shreves cut-off.
3	86	As you approach Shreves cut-off you see Red River Landing Gage (mile 302.4 AHP) which reads 6.2 feet. Which of the following statements is TRUE?	This reading is 6.2 feet above the Low Water Reference Plane.	This reading is at the same elevation as the 6.2 ft. mark on the Gage at Head of Passes.	The depth of water at Red River Landing is 6.2 ft.	A vessel drawing 7 ft. would be able to pass through the locks at Lower Old River.
4	87	You pass Red River Gage at 2015 on 16 April 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 continue to turn for 10 mph?	0821, 21 April	0028, 21 April	1830, 20 April	1445, 20 April
5	88	What is the vertical clearance between the highest point of your towboat, if it is 58 feet above the water, and if the Natchez Gage reads 28.13 feet when passing under the Natchez Upper Highway Bridge?	45.4 feet	39.3 feet	33.2 feet	15.9 feet
6	89	In high water conditions, which publication would you consult for the latest information on buoys between Baton Rouge and Cairo?	Army Corps. of Engineers Navigation Chart	U.S.C.G. Light List	U.S.C.G. Local Notice to Mariners	List of Buoys and Daymarks
7	90	As you approach Giles Bend Cutoff Light (mile 367.7 AHP), what type of daymark would you see on the light structure?	None	Red diamond	Red square	Red triangle
8	91	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 (mile 253.6 AHP)?	7.2 mph	6.8 mph	6.5 mph	6.2 mph
9	92	A stretch where the channel changes from one side of the river to the other is called a _____.	crossing	transit	transfer	passing
10	93	Which light characteristics does Quaker Oats Light (mile 952.6) have?	1 red flash every four seconds	2 green flashes every 5 seconds	2 red flashes every 4 seconds	2 red flashes every 5 seconds



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1	1701	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 0630, on 15 March, you are upbound on the Lower Mississippi River passing Kaiser Aluminum & Chemical Corp. (mile 234.0 AHP). The latest available information on the channel conditions above Baton Rouge that includes the latest buoy information, as well as recommended courses, is found in the _____.	Corps. of Engineers maps	Waterways Journal	Local Notice to Mariners	Sailing Directions
2	1702	You are upbound approaching Springfield Bend Lt. (mile 244.8 AHP) downriver from Profit Island. Which of the following statements is TRUE?	Profit Island Chute is closed to navigation.	Tow length must not exceed 600 feet to use Profit Island Chute.	Tows must navigate toward left ascending bank when passing Profit Island Chute.	Profit Island Chute is open to navigation and is a shortcut for single barge
3	1703	At 1218, on 16 March, you are passing the Vicksburg Gage (mile 437.0 AHP). What has been the average current since 0630, 15 March, if you have been making turns for	0.2 mph	0.5 mph	0.8 mph	1.2 mph
4	1704	Which of the following statements regarding buoys on the Mississippi River is TRUE?	The positions of river buoys can be found in the latest edition of Light List-Vol. V.	The buoys are maintained on station year round.	Buoy positions on the chart are approximate.	The buoys do not shift positions due to permanent moorings.
5	1705	What is the mile point of the Rosedale, MS Gage?	554.2 AHP	592.2 AHP	632.5 AHP	663.0 AHP
6	1706	The highest point on your towboat is 53 feet above the water, and the Helena Gage (mile 663 AHP) reads 3.9 feet. What is the vertical clearance when you pass under the B-span of the Helena Highway Bridge in Helena?	59.9 feet	62.5 feet	64.1 feet	65.5 feet
7	1707	You are passing the Memphis Gage at 0405, 18 March. If you are turning for 8 mph and estimate the current at 2.3 mph, what is your ETA at Cairo Point, IL (mile 954.5 AHP)?	0447, 19 Mar	1052, 19 Mar	1518, 19 Mar	1839, 19 Mar
8	3708	At what time would you listen to VHF Channel 22 (157.1 MHz) for information concerning the stage of the river between Memphis and Cairo?	1300	1435	1620	1815
9	1700	As you approach French Point Light (mile 915.4 AHP), you see 2 daymarks on the structure. What significance do the daymarks have?	They indicate the starboard side of the channel from seaward and mid-channel fairway.	They indicate the starboard side of the channel from seaward and a channel crossing.	They indicate the port side of the channel from seaward and a range marking.	They indicate the port side of the channel and a channel crossing.
10	1712	What is the distance from Cairo Point, IL, to Arkansas City?	28 miles	110 miles	218 miles	400 miles



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Number	cgid	question	answerA	answerB	answerC	answerD
1	94	<p>The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List.</p> <p>At 1835, on 10 August, you are downbound on the Upper Mississippi River at St. Louis, MO (mile 184.0 UMR), with a mixed tow of 6 loaded, covered hopper barges, 2 loaded tank barges, and 2 empty hopper barges. You have orders to drop off the empties at the fleeting area in Cairo and add five loaded barges to your tow.</p> <p>If you are turning for 8 mph and estimate the current at 0.5 mph, what is your ETA at Cairo?</p>	1928, 11 Aug	1614, 11 Aug	1327, 11 Aug	2352, 10 Aug
2	95	You complete changing out your tow and get underway enroute Memphis, Tennessee to deliver 2 tank barges. What is the distance you must travel from Cairo Point Light to the Lion Oil Refining Co. Docks in Memphis?	180.3 miles	220.2 miles	246.5 miles	734.3 miles
3	96	As you approach Kate Aubrey Towhead Light (mile 789.5 AHP), your searchlight will show what type of marking at the light?	Green diamond	Red and green banded square	Green triangle	Green square
4	97	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?	112.7 feet	55.7 feet	54.6 feet	51.8 feet
5	98	At 0230 on 13 August, you are at mile 610.5 AHP when you see about a mile ahead lights on the water near the left bank. What might you see when you come abreast of these lights?	Privately maintained buoys at a yacht club	Government buoys marking the Hurricane Point dikes	Barges moored at the Dennis Landing Terminal	A pipeline discharging dredge spoil
6	99	What is the mile point of the Rosedale Gage?	598 AHP	592 AHP	587 AHP	554 AHP
7	100	Which of the following statements concerning the buoys on the Mississippi River is TRUE?	Buoy locations may be changed to indicate the channel for the existing river stage.	The buoys are maintained on station year round.	Buoys have permanent moorings on the river bottom and will not shift position.	The position of river buoys can be determined by consulting the latest Light List - Vol. V.
8	101	At 1430 on 13 August, you pass Carolina Landing Light (mile 508.8 AHP). What has been the average current since 0230, 13 August if you have been making turns for	8.5 mph	5.7 mph	1.5 mph	0.5 mph
9	103	You are approaching the Old River Control Structure (mile 314.5 AHP). The structure is in operation. Which of the following statements is TRUE?	The maximum speeds permitted when passing the channel are 10 mph downbound and 7.5 mph upbound.	Tows must be no more than 110 feet wide when passing the inflow channel.	You should navigate as close to the left descending bank of the Mississippi River as safety permits.	Tow length should not exceed 850 feet when passing the inflow channel.
10	102	The latest available information on the channel conditions above Baton Rouge that includes recommended course and the latest buoy information is found in the _____.	Local Notice to Mariners	Waterways Journal	Sailing Directions	Corps. of Engineers maps



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Number	cgid	question	answerA	answerB	answerC	answerD
1	1721	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 25 March, you depart the Morganza, LA, Docks at mile 278.2 AHP with 12 barges enroute to St. Louis, MO (mile 175UMR). Your engines are turning for 7.5 mph in still water.	850.6 miles	894.8miles	922.5 miles	946.5 miles
2	1722	You estimate the current as 2.0 mph. What is the speed over the ground?	4.5 mph	5.5 mph	7.5 mph	9.5 mph
3	1723	You will pass the first gage at _____.	Profit Island	Bayou Sara	Baton Rouge	Red River Landing
4	1724	What is the mile point of the Natchez, MS Gage?	228.4 AHP	265.4 AHP	302.4 AHP	363.3 AHP
5	1725	As you pass Fort Adams (mile 311.4 AHP) you observe a flashing amber light on the right descending bank ahead. This indicates that you should _____.	proceed with caution as there is construction work being done on the	keep as close to the right descending bank as safety permits	keep as close to the left descending bank as safety permits	proceed with caution as the river is congested around the bend
6	1726	The highest point on your towboat is 57 feet above water. The Natchez Gage (mile 363.3 AHP) reads 16.7 feet. What is the vertical clearance when you pass under the Natchez - Vidalia (westbound) Hwy. Bridge?	52.3 feet	59.9 feet	61.0 feet	68.6 feet
7	1727	You pass under the Natchez bridge (mile 363.3 AHP) at 1300, on 27 March, and estimate the current to be 3.3 mph. What is your ETA at St. Louis if you continue to turn for 7.5 mph?	0617, 4 April	0316, 4 April	1153, 30 March	1253, 31 April
8	1728	As you approach Canon Point Light (mile 418.3 AHP), what daymark will you see on the light structure?	Green square	Green diamond	Red diamond	Red triangle
9	1729	Which light characteristics does Coggins Lt. (mile 429.5 AHP) have?	1 red flash every 4 seconds	1 white flash every 4 seconds	1white flash every 5 seconds	2 white flashes every 4 seconds
10	1720	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 shows _____.	safe water	preferred channel	danger	special marks



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Number	cgid	question	answerA	answerB	answerC	answerD
1	1731	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 16 October, you depart the Formosa Plastics mooring facility at mile 233.5 AHP with six loaded tank barges enroute to the Apex Oil dock, St. Louis, MO (mile180.9 UMR). Your engines are making turns for 6.5 mph instill water. What is the total length of the trip?	910.6 miles	901.2 miles	900.3 miles	873.7 miles
2	1732	You estimate the current at 2.0 mph. What is the speed over the ground?	3.5 mph	4.5 mph	7.5 mph	9.5 mph
3	1733	What are the dimensions of the channel maintained at Baton Rouge, LA?	30 feet x 300 feet	40 feet x 300 feet	45 feet x 500 feet	30 feet x 500 feet
4	1734	You pass Springfield Bend Lt. (mile 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	1905, 19 October	0207, 21 October	0519, 21 October	0847, 21 October
5	1735	As you pass under the Natchez-Vidalia Dual Bridge, the gage on the bridge reads 3.6 feet. If the highest point on your vessel is 62 ft. above the water, what is your vertical clearance?	60.4 feet	63.6 feet	67.2 feet	122.0 feet
6	1736	What are the color and shape of Joseph Henry Daymark at mile 445.2 AHP?	Red - Triangle	Green - Square	Green - Triangle	Red - Diamond
7	1737	At 1227, on 19 October, you pass under the Greenville Highway Bridge (mile 531.3 AHP). What speed must you average to arrive at Jimmy Hawken Light (mile 663.5 AHP) at 1045 the following day?	5.2 mph	5.6 mph	5.9 mph	6.3 mph
8	1738	Which of the following statements regarding aids to navigation shown in the Corps. of Engineers map book is TRUE?	Buoys should always be given as wide a berth in passing as possible.	The U.S. Army Corps. of Engineers is responsible for placing and maintaining all aids to navigation.	Buoy positions as shown on the chart are exact.	Lights and daymarks are always shown in their exact location.
9	1739	The Delta-Friar Point revetment on the LMR extends from mile _____.	645.6 - 641.4 RDB	652.8 - 649.6 RDB	648.5 - 645.5 LDB	657.3 - 652.2 LDB
10	1730	What is the distance from Arkansas City, AR, to St. Louis, MO, on the Mississippi River System?	584 miles	617 miles	733 miles	832 miles



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Number	cgid	question	answerA	answerB	answerC	answerD
1	1741	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 1145, on 24 August, you depart Memphis Harbor, McKellar Lake (mile 726.0 AHP) enroute to Baton Rouge, LA, with a tow of twelve empty gasoline barges. You have received orders to proceed to the Amoco Pipeline Co. (mile 253.6 AHP) above Baton Rouge. If your vessel is making turns for 9 mph with an estimated average current of 1.5 mph, what is your ETA at the Amoco docks?	2044, 25 Aug	0214, 26 Aug	0745, 26 Aug	0845, 26 Aug
2	1742	The highest point on your towboat is 32 feet above the water, and the Helena Gage reads +6.6 feet. What is the vertical clearance when you pass under the A-span of the Helena Highway Bridge?	80.8 feet	73.1 feet	68.0 feet	56.1 feet
3	1743	You are in charge of a vessel that damages an aid to navigation established and maintained by the United States. Which statement is TRUE?	You must take the aid in tow and deliver it to the nearest Coast Guard, Marine Safety Office.	You must report the allision to the nearest Corps. of Engineers Office.	You must report the accident to the nearest Officer in Charge, Marine Inspection.	You may wait until you reach your destination before reporting the allision to the U.S. Coast Guard.
4	1744	At 1727, on 24 August, you pass under the Helena Highway Bridge (mile 661.7 AHP). What has been the average speed of the current since departing Memphis Harbor, McKellar Lake, if you have been making turns for 9	1.8 mph	2.3 mph	2.8 mph	3.6 mph
5	1745	What is the distance in river miles, from the mouth of the Yazoo Diversion Canal to the RR and Hwy bridge at Baton Rouge, LA?	365 miles	310 miles	265 miles	203 miles
6	1746	The Crooked River empties into which river?	Missouri	Mississippi	Tennessee	Ohio
7	1747	As you pass under the Greenville Highway Bridge, you estimate the current as 3.5 mph. What is the speed over the ground, if your vessel is making turns for 9 mph?	14.5 mph	13.5 mph	12.5 mph	11.5 mph
8	1748	As you approach Walnut Point Light (mile 522.5 AHP), which type of daymark would you see on the light	Red triangle	Green diamond	Green square	Red diamond
9	1749	Which light characteristics does Black Hawk Light (mile 318.3 AHP) have?	1 red flash every 4 seconds	1 green flash every 4 seconds	1 white flash every 4 seconds	2 white flashes every 5 seconds
10	1740	On what river is Ghent, Kentucky located?	Tennessee	Mississippi	Missouri	Ohio



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Number	cgid	question	answerA	answerB	answerC	answerD
1	1711	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 0519 on 23 May, you get underway from Baton Rouge, LA, (mile 231.8 AHP) bound for Louisville, KY, (mile 610.1 OR). What is the length of the trip?	722.0 miles	953.8 miles	1097.9 miles	1332.1 miles
2	1752	After you get underway, what is the fourth river gage you will pass?	Head of Passes	Natchez	Bayou Sara	Red River Landing
3	1753	The Bayou Sara Gage reads 5.25 feet. The low water reference plane (LWRP) for Bayou Sara is 5.25 feet. Which statement is TRUE?	This gage reading is at a higher elevation than the same reading on the Gage at Head of Passes.	The depth over revetment at Old River is 25.2 ft.	The depth over Old River Lock sill is greater than 11 ft.	River level is at the Low Water Reference plane
4	1754	At 0715, on 24 May, you are abreast the St. Catherine Bar Lt. (mile 348.6 AHP). If you are turning for 8.0 mph, what has been the average current since you left Baton Rouge?	1.0 mph	1.4 mph	3.8 mph	4.4 mph
5	1755	The U. S. Coast Guard facility at mile 361 AHP is represented by which numbered white square on your	8	11	12	13
6	1756	You pass Hole in Wall Light at 1200, 24 May. What is your ETA off the Mhoon Landing Gage if you average 6.5 mph?	0152, 26 May	0426, 26 May	1128, 26 May	1221, 26 May
7	1757	What town is located at mile 395 AHP?	St. Joseph	Belmont	St. James	Rodney
8	1758	As you approach mile 425 AHP, you see a brown shaded area along the left descending bank. This represents _____.	weirs	a revetment	dikes	a fleeting area
9	1759	The Greenville Gage reads 1.6 feet. The high point of your towboat is 54 feet above water. What is the vertical clearance as you pass under the Greenville Highway Bridge?	74.5 feet	64.2 feet	55.5 feet	44.4 feet
10	1750	In addition to the Army Corps. of Engineers maps, data on bridge clearances may be found in the _____.	Army Corps. of Engineers Regulations	Light List	Waterways Journal	Channel Report



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Number	cgid	question	answerA	answerB	answerC	answerD
1	1761	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 3 January you get underway from Cambalick Dock, Morganza, LA (mile 278.3 AHP) enroute to Portage, MO (UMR). What is the length of the trip?	887.9 miles	878.9 miles	851.9 miles	726.0 miles
2	1762	What are the dimensions of the Old River Lock on the Lower Old River (mile 304 AHP)?	1175 x 75 feet	1190 x 75 feet	1195 x 84 feet	1202 x 84 feet
3	1763	At 2126, you pass Morganza Bend Light (mile 278.4 AHP). At 0226, 4 January, you pass Red River Landing Gage (mile 302.4 AHP). You have been turning for 7.5 mph. What is the current?	1.4 mph	1.8 mph	2.7 mph	6.2 mph
4	1764	The Gage at Red River Landing reads 43.4 feet. The low water reference plane (LWRP) for Red River Landing, LA. Is 10.6 ft. How many feet is this above the low water reference plane?	10.6 ft	11.6 ft	22.2 ft	32.8 ft
5	1765	The river will be temporarily closed to navigation at mile 531.3 AHP due to repairs to the bridge. This will occur at 1530, 5 January, and last for six hours. What minimum speed over the ground must you make from Red River Landing Gage in order not to be delayed?	6.2 mph	6.4 mph	6.8 mph	7.3 mph
6	1766	What type of daymark will you see as you approach Black Hills Light (mile 337.7 AHP)?	Private aid - no daymark	Red square	Red diamond	Red triangle
7	1767	What is the vertical clearance of the Natchez-Vidalia Highway Bridge when the Natchez-Vidalia Highway Bridge Gage reads 23.4 feet?	102.6 ft	108.3 ft	119.5 ft	125.6 ft
8	1768	The Natchez Gage reads 14.5 feet. The high point on your towboat is 47 feet above the water. What is the vertical clearance as you pass under the Natchez - Vidalia Highway Bridge?	58.0 feet	64.5 feet	72.5 feet	78.6 feet
9	1769	In order to determine what buoys, if any, are in place at Concordia Bar crossing (mile 596.0 AHP), what should you check?	Bulletin board at the Rosedale Gage	Waterways Journal	Light List	Notice to Mariners
10	1760	The area between Island 67 Upper Light (mile 623.1 AHP) and Sunflower Cut-off Foot Light (mile 624.8 AHP) is known as a _____.	transit	crossing	chute	slough



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Number	cgid	question	answerA	answerB	answerC	answerD
1	1771	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 11 September, you are making up your tow at the fleeting area in Cairo, IL (mile 980.6 Ohio River). You get underway at 0600 enroute to New Orleans with a mixed tow. You are turning for 7.8 mph and estimate the current at 1.0 mph. What is your speed over the ground?	6.8 mph	7.8 mph	8.8 mph	9.8 mph
2	1772	What is your ETA at the Fulton Gage?	1405, 12 Sept	1052, 12 Sept	0828, 12 Sept	0204, 12 Sept
3	1773	What daymark should you see as you approach French Point Light (mile 915.4 AHP)?	Red triangle	Green triangle	Red diamond	Green diamond
4	1774	You pass New Madrid, MO (mile 889.0 AHP) at 1412. What was your average speed since leaving Cairo?	8.0 mph	7.8 mph	7.6 mph	7.3 mph
5	1775	At 1412 you increase speed to make good 10.2 mph. At 1506 you have a daymark on your port beam. Which daymark is this?	Bessie Daymark	Nolan Light	Everetts Light	Marr Towhead Light
6	2776	The charts show a circle with two black quadrants located at mile 846.0 AHP. What does this indicate?	Hazardous chemical dock	River Gage	Betz-Tipton Veneers Terminal	Bulletin Board
7	2777	The Helena Gage reads 2.3 feet. The high point on your towboat is 26 feet above water. What is the vertical clearance when you pass under the Helena Highway Bridge?	76.0 feet	84.2 feet	89.5 feet	90.7 feet
8	2778	What company does NOT have a marine facility along the river bank in Helena (mile 658 to 665 AHP)?	Texas Eastern Pipeline Co.	Helena Port Terminal, Inc.	Arkansas Power & Light Co.	Helena Grain Co.
9	2779	If the Fair Landing, AR. Gage reads -1.2 feet, what is the water level in relation to the low water reference plane? The low water reference plane (LWRP) for Fair Landing, AR. is -0.9 feet.	2.1 foot above the plane	0.3 foot above the plane	0.3 feet below the plane	1.2 feet below the plane
10	1770	What are the light characteristics of the Bunge Corporation Terminal Lights (2) at mile 570.6 AHP?	a group flashing white light every five seconds	a flashing green light every 4 seconds	a flashing green light every 6 seconds	a flashing red light every 4 seconds



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Number	cgid	question	answerA	answerB	answerC	answerD
1	2781	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 22 September, you are making up your tow at the fleeting area in Cairo, IL (mile 980.6 Ohio River). You get underway at 0600 enroute to New Orleans with a mixed tow. Your engine speed is 9.8 mph and you estimate the current at 1.6 mph. What is your speed over the ground?	11.0 mph	9.8 mph	8.6 mph	8.2 mph
2	2782	What is your ETA at the Helena Highway Bridge?	1335, 24 Sept	1109, 24 Sept	0926, 24 Sept	0458, 24 Sept
3	2783	Which daymark would you see as you approach Red Store Light (mile 269.5 AHP)?	Green square	Green triangle	Green diamond	Red square
4	2784	You pass Ratcliff Light (mile 289.8) at 1650. What was your average speed since leaving Baton Rouge?	7.3 mph	7.6 mph	8.0 mph	8.3 mph
5	2785	At 1650 you decrease speed to make good 7.1 mph. At 2020 you are _____.	abeam of Old River Control Structure Light	entering the Vicksburg District of the U.S. Army Corps. of Engineers	at Palmetto Point	at Latitude 31° 10' N
6	2716	The charts show two dashed lines crossing the river just south of St. Catherine Bar Light. What does this indicate?	Overhead power lines	Louisiana-Mississippi ferry crossings	Two railroad trestles	Two submerged oil pipelines
7	2717	The Natchez Gage reads 16.3 feet. The high point on your towboat is 38 feet above water. What is the vertical clearance when you pass under the Natchez Highway Bridge?	79.0 feet	71.7 feet	65.2 feet	59.1 feet
8	2718	What organization has an installation at the uppermost end of Carthage Revetment?	City of Natchez (waterfront)	River Cement Co.	J.M. Jones Lumber	International Paper Co.
9	2719	If the Gage at the Greenville Highway Bridge reads 22.0 feet, and the low water reference plane (LWRP) for Greenville (Bridge). MS is 11.3 feet. What is the water level in relation to the low water reference plane?	22.1 feet below the LWRP	10.7 feet below the LWRP	10.7 feet above the LWRP	0.5 feet below the LWRP
10	2710	What does the circle with black and white quadrants across from Morgan Point Landing (mile 769.0 AHP) represent?	Gage reading	Day Beacon	Light Tower	Speed zone



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Number	cgid	question	answerA	answerB	answerC	answerD
1	1801	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 1015, on 16 April, you are at the Amoco Pipeline Co. docks (mile 253.6 AHP), when you get underway enroute to Institute, WV with a tow of eight barges carrying molten sulphur. What is the distance from the Amoco Docks at Baton Rouge, LA, to the new mouth of the White River?	981.5 miles	953.5 miles	345.3 miles	700.2 miles
2	1802	You are turning for 10 mph and passing Hog Point, LA. Angola reports that the current at Red River Landing is 4.5 mph. Which statement is TRUE?	The main channel lies on the north side of the island you see ahead.	You are making 14.5 mph over the ground.	You would expect to find the more favorable current near the broken red line in the river.	You should expect to encounter vessels crossing the river at mile 300.5 AHP.
3	1803	As you approach Shreves cut-off you see Red River Landing Gage (mile 302.4 AHP) which reads 4.2 feet. The Low Water Reference Plane (LWRP) is 10.6 feet. Which of the following statements is TRUE?	This reading is 6.4 feet above the Low Water Reference Plane.	A vessel drawing 8 ft would be able to pass over the sill at Old River Lock	This reading is 6.4 feet below the Low Water Reference Plane.	A vessel drawing 7 ft. would be able to pass through the locks at Lower Old River.
4	1804	You pass Red River Gage at 2015 on 16 April and estimate the current will average 3.0 mph for the remainder of the time on the Mississippi River. What is your ETA at the mouth of the Ohio River if you continue to turn for 10 mph?	1718, 20 April	1830, 20 April	0028, 21 April	0821, 21 April
5	1805	What is the vertical clearance between the highest point of your towboat, if it is 48 feet above the water, and if the Natchez Gage reads 20.1 feet when passing under the Natchez Upper Highway Bridge?	35.9 feet	43.2 feet	49.3 feet	57.9 feet
6	1806	In high water conditions, which publication would you consult for the latest information on buoys between Baton Rouge and Cairo?	U.S.C.G. Light List	U.S.C.G. Local Notice to Mariners	Army Corps. of Engineers Navigation Chart	List of Buoys and Daymarks
7	1807	As you approach Hole in the Wall Light (mile 373.4 AHP), what type of daymark would you see on the light structure?	Green square	Green diamond	Red diamond	Red square
8	1708	At 0300 on 19 April, you pass under the Greenville Bridge (mile 531.3 AHP). What was your average speed since departing Amoco Pipeline Co. Docks (mile 253.6 AHP)?	6.2 mph	5.2 mph	4.8 mph	4.3 mph
9	1709	A stretch where the channel changes from one side of the river to the other is called a _____.	bifurcation	transit	crossing	changeover
10	1710	What is the width of the navigable channel at Columbus Pt. Light (mile 936.0 AHP)?	200 ft.	300 ft.	450 ft.	750 ft.



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Number	cgid	question	answerA	answerB	answerC	answerD
1	108	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 0815, on the 16 of April, you depart the Exxon Refinery Docks (mile 232 AHP) bound for the fleeting area at Sycamore Chute Light (mile 740.3 AHP). The horizontal clearance of the center span on the Baton Rouge RR and Highway 190 Bridge is _____.	443	500	623	748
2	110	As you pass under the Baton Rouge RR and Highway 190 bridge you receive a call from another tow upriver. What channel on the VHF should you be monitoring?	1	13	16	67
3	111	As you pass Solitude Lt. (mile 249.0 AHP) which dayboard would you see?	Green square	Green diamond	Red triangle	Red diamond
4	112	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.	Buoy positions on the chart are exact.	The buoys are maintained on station year round.	The buoys do not shift positions due to permanent moorings.
5	113	What is indicated by the two light gray shaded areas that cross the river above False River Lt. (mile 251.0 AHP)?	Ferry crossings	Utility crossings	Aerial cable crossings	Bridge construction
6	114	What are the light characteristics of Greenwood Light (mile 288.6 AHP)?	Fixed red light	1 red flash every 4 seconds	2 red flashes every 5 seconds	2 white flashes every 4 seconds
7	115	After passing Wilkinson Lt. (mile 310.0 AHP) you see a flashing amber light on the right descending bank ahead. The flashing light indicates that you should _____.	stay in the deepest water	slow down due to dredging operations	keep as close to the right descending bank as safety permits	keep as close to the left descending bank as safety permits
8	116	At which of the following times would you be able to listen to lower Mississippi River conditions on VHF Channel 22?	0900 hours	1100 hours	1300 hours	1700 hours
9	117	At 0645, on the 17th of April, you pass Hole in the Wall Lt. (mile 373.4 AHP). What has been your average speed since departing the Exxon Refinery?	5.8 mph	6.3 mph	6.7 mph	7.1 mph
10	118	Your company wants to know at what time you will be arriving at the fleeting area at Sycamore Chute Light (mile 740.3 AHP) in Memphis, TN. You are making turns for 9.0 mph and you estimate the average current at 2.2 mph. Figuring the distance and time from Hole in the Wall Lt. (mile 373.4 AHP), what is your ETA at Sycamore Chute	0557, April 19th	1045, April 19th	1242, April 19th	1733, April 19th



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Number	cgid	question	answerA	answerB	answerC	answerD
1	119	<p>The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List.</p> <p>On the 10th of May at 1130, you leave the fleeting area at Gartness Lt. (mile 227.8 AHP) bound for the Monsanto Terminal in St. Louis (mile 178.0 UMR). Your engines turn for 8.5 mph in still water.</p> <p>What is the length of the trip?</p>	405.8 miles	553.0 miles	904.0 miles	1136.8 miles
2	120	You estimate the current as 2.5 mph. What is the speed over the ground?	5.5 mph	6.0 mph	8.0 mph	11.0 mph
3	121	As you approach Casting Yard Dock Lt. (mile 265.4 AHP) you notice on the map a circle with 2 black sectors. This symbol indicates a _____.	lock	warning sign	mooring buoy	river gage
4	122	From Baton Rouge to Cairo, what is the maintained minimum channel depth during low water?	6 feet	9 feet	12 feet	30 feet
5	123	On which map would you find Redman Point, Arkansas?	20	23	29	37
6	124	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?	1919 on 15 May	2344 on 15 May	1757 on 16 May	2236 on 16 May
7	125	As you approach Ashland Light (mile 378.1 AHP) which daymark would you see?	Red triangle	Red diamond	Green square	Green diamond
8	126	What is your clearance as you pass under the Vicksburg Highway 80 Bridge (mile 437.8 AHP). if the Vicksburg Gage reads 14.8 feet and the highest point on your tow boat is 44.5 feet?	36 feet	42 feet	57 feet	66 feet
9	127	After entering Milliken Bend (mile 455 AHP) you wish to locate the river service in Madison Parish, Louisiana. The river service is indicated by the square containing which number?	7	6	5	4
10	128	At Filter Point Light (mile 475 AHP) there are 2 close straight dashed lines on the map. What do these lines represent?	Submerged oil pipelines	Submerged telephone cables	Submerged gas pipelines	Aerial power cables



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Number	cgid	question	answerA	answerB	answerC	answerD
1	148	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List Vol. V. At 1315, on the 5 of October, you depart the Sycamore Chute fleeting area (mile 740.5 AHP) at Memphis, TN bound for Donaldsonville, LA. (mile 175.0 AHP). You are turning for 8.2 mph and estimate the current at 1.5 mph. What is you speed over the ground?	9.7	8.2	7.8	6.7
2	140	If the highest point on your towboat is 52 feet and the West Memphis Gage reads 26 feet what is the vertical clearance when you pass under the Hernando Desoto Bridge (mile 736.6 AHP)?	25.8 feet	30.7 feet	42.6 feet	56.7 feet
3	141	Your vessel is making turns for 9.5 mph and you estimate the average current for the trip will be 2.5 mph. What will be your ETA Donaldsonville, LA?	1222 on 7 October	1823 on 7 October	0443 on 8 October	1033 on 8 October
4	142	As you approach West Memphis Lt. (mile 727.4 AHP) you notice on the map a dashed line crossing the river. This line indicates a _____.	submerged oil pipeline	submerged gas pipeline	aerial tramway	aerial power line
5	143	At 1609, on October 5, you are abeam of Star Landing Lt. (mile 707.2 AHP) . You calculate your speed since you departed Sycamore Chute fleeting area. If you are turning for 9.5 mph what was the current?	1.0 mph	1.5 mph	2.0 mph	2.5 mph
6	144	What is the distance from the Arkansas River mouth to the Ohio River mouth in river miles?	594 miles	546 miles	422 miles	372 miles
7	145	As you approach Joseph Henry Light (mile 445.2 AHP) which daymark would you see?	Red triangle	Red diamond	Green diamond	Green square
8	146	On which river is Dover, KY located?	Mississippi	Tennessee	Ohio	Missouri
9	147	After passing Oak Bend Lt. (mile 425.6 AHP) you see a light gray shaded area extending into the river shown on the map. This indicates a _____.	fleeting area	weir	dike	revetment
10	3773	Which numbered box indicates the ExxonMobil Refining & Supply Co. in Baton Rouge?	1	2	3	4



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	149	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 0620 on 25 November, you depart Cape Girardeau fleeting area (mile 53.0 UMR) bound for the Gold Bond Building Products Wharf in New Orleans, LA, (mile 102.0 AHP). Your engines are turning for 8.2 mph. You estimate the current at 1.5 mph. What is your speed over the ground?	9.7 mph	8.8 mph	8.2 mph	6.7 mph
2	139	What is the distance to Caruthersville Gage from Cape Girardeau?	54.4 miles	160.4 miles	793.4 miles	899.4 miles
3	150	Which dayboard would you see on Puntney Light (mile 943.6 AHP)?	Green square	Green triangle	Red diamond	Red triangle
4	151	What is the distance from the Memphis Gage to the Redneb Services Dock in New Orleans, LA.	460 miles	503 miles	588 miles	633 miles
5	152	How long will it take you to go from the Memphis Gage to your destination in New Orleans, LA, if you estimate the average current on this segment of the route to be 2.0 mph and you increase the engine turns to 8.5 mph.	1 day 20 hours 33 minutes	2 days 6 hours 24 minutes	2 days 12 hours 15 minutes	3 days 4 hours 11 minutes
6	153	What is the minimum maintained depth of the channel from Cairo to Baton Rouge during low water?	9 feet	12 feet	15 feet	18 feet
7	154	You see a buoy with red and green bands. This buoy marks _____.	the center of the channel	the preferred channel	a channel crossing	an isolated danger
8	155	As you approach Old River Control Structure Light you see a flashing amber light. You should _____.	navigate as close to the left descending bank as safety permits	navigate as close to the right descending bank as safety permits	turn into the inflow channel as the bypass is now open	slow your engine speed to not more than 5 mph
9	156	What are the dimensions of the Old River Lock?	110 ft x 1190 ft	100 ft x 990 ft	75 ft x 1000 ft	75 ft x 1190 ft
10	157	At 1710 on 27 November, you are abeam of Kings Point Lt. (mile 439.8 AHP). At this time you receive a message that there will no be space for you at the Redneb Services Dock until after 1200 on the 29 November. What speed over the ground will you have to slow to so as not to arrive before this time?	5.4 mph	6.1 mph	6.9 mph	7.9 mph



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	159	<p>The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO, to the Gulf of Mexico) and the Light List.</p> <p>You are making up your tow at the fleeting area at Cairo Point, IL (mile 980.8 Ohio River). At 0952, on 21 September, you get underway enroute to New Orleans with a mixed tow.</p> <p>You are turning for 6.8 mph and estimate the current at 1.0 mph. What is your speed over the ground?</p>	8.8 mph	8.2 mph	7.8 mph	6.8 mph
2	160	How far is it to the Hernando Desoto Bridge in Memphis, TN?	980.8 miles	736.6 miles	218.1 miles	202.4 miles
3	158	Which daymark should you see as you approach French Point Light (mile 915.4 AHP)?	Red triangle	Green square	Red diamond	Green diamond
4	161	At 1923, on September 21, you pass Bixby Towhead Light (mile 873.7 AHP). What was your average speed since leaving Cairo?	12.1 mph	11.3 mph	10.5 mph	9.2 mph
5	162	At 1923, you decrease speed to make good 9.2 mph. What is the first Gage you will pass after your speed change?	Cottonwood Point	New Madrid	Fulton	Tiptonville
6	163	Which light will you be passing at 0059, on 22 September, if you make good 9.2 mph?	Kate Aubrey Lt.	Obion Bar Lt.	Trotter Lt.	Quaker Oats Lt.
7	164	The Helena Gage reads 9.4 feet. The high point on your towboat is 42 feet above water. What is the vertical clearance when you pass under the Helena Highway Bridge?	53.0 feet	64.2 feet	68.0 feet	110.0 feet
8	165	Which company does NOT have a marine facility along the river bank in Helena (mile 661 to 665 AHP)?	Helena Grain, Inc.	Helena Bridge Terminal, Inc.	Quincy Soybean Co.	Texas Eastern Pipeline Co.
9	166	If the Bayou Sara Gage reads -0.5 feet, the Low Water Reference Plane is 5.25. What is the water level in relation to the low water reference plane?	0.5 foot below the plane	0.5 foot above the plane	5.25 feet above the plane	5.75 feet below the plane
10	167	The Arkansas City Yellow Bend revetment on the LMR extends from mile _____.	555.5-549.7 RDB	549.0-548.5 RDB	556.9-554.9 LDB	548.5-546.5 LDB



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	593	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 1215, on July 23, you get underway from The First Nitrogen Barge dock at mile 173.6 AHP enroute to Racine, OH (mile 241.6 OR). What is the length of the trip?	1195.4 miles	1223.1 miles	1520.1 miles	1657.8 miles
2	594	After you get underway, what is the first river gage you will pass?	Head of Passes	Donaldsonville	Baton Rouge	Red River Landing
3	595	You are passing the Bayou Sara Gage which reads 3.9 feet. The low water reference plane (LWRP) at Bayou Sara is 5.25 feet. Which of the following statements is TRUE?	The river level is above the Low Water Reference Plane.	Red Store Landing Revetment is ahead on your starboard side	This gage reading is at a lower elevation than the same reading on the Gage at Head of Passes.	None of the above.
4	596	At 0921, on 24 July, you are abreast the St. Catherine Bar Lt. (mile 348.6 AHP). If you are turning for 10.0 mph, what was the current since departure?	1.4 mph	1.7 mph	2.0 mph	7.0 mph
5	597	Which daymark will you see as you approach Natchez Beam Lt. (mile 364.8 AHP)?	Red diamond	White square	Green square	Red triangle
6	598	At 1132, 24 July, you pass Natchez Beam Lt. (mile 364.8 AHP). What is your ETA off the Memphis Gage if you average 8.0 mph?	2345, 25 July	0525, 26 July	0947, 26 July	2215, 26 July
7	599	Which town is located at mile 663.5 AHP?	Helena	Friers Point	St. Francis	Rodney
8	600	What is the brown colored tint shown at Bordeaux Point Dykes (mile 681.0 AHP)?	river gage	fish hatchery	levee	dredge material
9	632	The Memphis Gage reads 18.4 feet. The high point of your towboat is 48 feet above water. What is the vertical clearance as you pass under the Memphis Highway	46.4 feet	53.8 feet	66.4 feet	75.4 feet
10	633	The Linwood Bend revetment on the LMR extends from mile _____.	828.1-823.1 RDB	831.7-829.4 RDB	841.3-838.7 LDB	845.4-842.5 LDB



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	634	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal to the Gulf of Mexico) and the Light List. At 1914, on 21 June, you depart the Alton Barge Docks at Alton, IL (mile 202.0 UMR), with a mixed tow of 6 loaded covered hopper barges, 2 loaded tank barges, and 2 empty hopper barges. You have orders to drop off the empties at the fleeting area at Cairo Point and add five loaded tank barges to your tow. If you are turning for 9 mph and estimate the current at 1.5 mph, what is your ETA at Cairo?	1031, 22 June	1423, 22 June	1741, 22 June	2210, 22 June
2	635	You complete changing out your tow and get underway enroute Ark City Tank Storage (mile 554.0 AHP) to deliver the tank barges. What is the distance you must travel from Cairo Point Light?	606.8 miles	554.0 miles	399.8 miles	202.1 miles
3	636	As you approach Dean Island Light (mile 754.8 AHP), which type of daymark will be observed at the light?	Green triangle	Red and green banded square	Green square daymark	Diamond-shaped green daymark
4	637	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?	48.0 feet	53.2 feet	68.2 feet	116.0 feet
5	638	What is the mile point of the Fulton Gage?	778 AHP	687 AHP	632 AHP	598 AHP
6	1407	At 2350 hours on 23 June, you are at mile 610.5 AHP when you see about a mile ahead white lights on the water near the left bank. What might you see when you come abreast of these lights?	Privately maintained buoys at a yacht club	Government buoys marking the Hurricane Point dikes	Barges moored at the Dennis Landing Terminal	A pipeline discharging dredge spoil
7	640	Which of the following statements concerning the buoys on the Mississippi River is TRUE?	The position of river buoys can be determined by consulting the latest Light List - Vol. V.	A preferred channel mark is a lateral mark indicating a channel junction which must always be passed to starboard.	Setting a buoy is the act of placing a buoy on assigned position in the water.	None of the above.
8	641	At 1032 on 24 June, you pass Carolina Landing Light (mile 508.8 AHP). What has been the average current since 2350, 23 June, if you have been making turns for 9.0 mph?	0.5 mph	1.5 mph	5.7 mph	8.5 mph
9	642	Where can scheduled broadcast times of river stages be found?	Sailing Directions	Light List	List of Lights	Coast Pilot
10	643	Which company does NOT have a marine facility in Rosedale harbor (mile 585 AHP)?	Sanders Elevator Corp	Rosedale-Boliver County Port Commission	T.L. James	Cives Steel Company



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	672	<p>The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List.</p> <p>On 9 September, you depart the Formosa Plastics mooring facility at mile 233.5 AHP with six loaded tank barges enroute to the Alton Barge Terminal, Alton, IL (mile 202.0 UMR). Your engines are making turns for 7.5 mph in still water.</p> <p>What is the total length of the trip?</p>	922.3 miles	985.3 miles	1155.8 miles	1187.3 miles
2	673	You estimate the current at 2.0 mph. What is the speed over the ground?	3.5 mph	4.5 mph	5.5 mph	9.5 mph
3	674	What are the dimensions of the Port Allen Lock at Baton Rouge, LA?	75 feet x 1188 feet	84 feet x 1188 feet	84 feet x 1180 feet	75 feet x 1180 feet
4	681	At 0119, on 10 September, you pass Springfield Bend Lt. (mile 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	1746, 12 September	1244, 13 September	1244, 14 September	2329, 14 September
5	682	As you pass under the Natchez-Vidalia Dual Bridge, the gage on the bridge reads 8.9 ft. If the highest point on your vessel is 54 ft. above the water, what is your vertical clearance?	60.0 feet	63.1 feet	67.2 feet	122.0 feet
6	683	Which type of daymark would you see on the Belle Island Corner Lt. at mile 458.6 AHP?	Green - Diamond	Green - Square	Red - Triangle	Red - Diamond
7	684	At 1814, on 11 September, you pass under the Greenville Highway Bridge (mile 531.3 AHP). What speed must you average to arrive at Jimmy Hawken Light (mile 663.5 AHP) at 0930 the following day?	9.7 mph	8.7 mph	6.3 mph	5.6 mph
8	685	What company does NOT have a marine facility along the river bank in Madison Parish (mile 457.0 AHP)?	Complex Chemical Co.	Delta Southern Railroads	Baxter Wilson Steam	Farm Chemical
9	686	The Vaucluse Trench fill revetment on the LMR extends from mile _____.	535.6 - 532.9 RDB	535.9 - 534.3 RDB	535.9 - 534.3 LDB	534.3 - 532.6 LDB
10	687	What is the distance from Cairo, IL, to Parkersburg, WV?	795 miles	733 miles	597 miles	537 miles



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	688	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO, to the Gulf of Mexico) and the Light List. At 1515, on 23 May, you get underway from the Amoco Pipeline Co. docks (mile 253.6 AHP), enroute to Pittsburgh, PA, with a tow of six barges carrying asphalt. What is the distance from the Amoco Docks at Baton Rouge, LA, to Pittsburgh, PA?	727.9 miles	981.5 miles	1575.3 miles	1681.7 miles
2	689	You are turning for 10 mph and passing Hog Point, LA. (mile 297.5 AHP). Angola reports that the current at Red River Landing is 4.5 mph. Which statement is TRUE?	The main channel lies on the south side of the island you see ahead.	You are making 14.5 mph over the ground.	An underwater stone dike has been constructed 0.5 miles upstream of Miles Bar Towhead.	You would expect to find the more favorable current near the broken red line in the river.
3	700	Which facility is located on the right descending bank at mile 363.6 AHP?	River Cement Corps.	Vidalia Dock and Storage Co.	T.L. James	Bunge Corps.
4	701	At 1118, on 24 May, you pass Natchez Gage and estimate the current will average 3.0 mph for the remainder of the time on the Mississippi River. What is your ETA at Cairo, IL if you continue to turn for 10 mph?	0840, 26 May	2218, 26 May	2218, 27 May	2339, 27 May
5	702	If the highest point of your towboat is 54 feet above the water and the Natchez Gage reads 24.8 feet, what will be your vertical clearance when passing under the Natchez-Vidalia westbound Highway Bridge?	35.9 feet	43.2 feet	47.2 feet	57.5 feet
6	703	In high water conditions, which publication would you consult for the latest information on buoys between Baton Rouge and Cairo?	List of Buoys and Daymarks	U.S.C.G. Light List	Army Corps. of Engineers Navigation Map	None of the above
7	704	As you approach Giles Bend Cut-off Light (mile 367.7 AHP), what type of daymark would you see on the light	Green square	Green diamond	Red triangle	Red diamond
8	705	At 1554, on 25 May, you pass Huntington Point Light (mile 555.2 AHP). What was your average speed since departing Amoco Pipeline Co. Docks (mile 253.6 AHP)?	6.2 mph	5.2 mph	4.8 mph	4.3 mph
9	706	The solid lines extending into the channel at mile 948 AHP are _____.	revetments	dikes	spoil areas	Westvaco Service Facilities
10	707	What is the width of the widest span of the Cairo Highway Bridge (Upper Mississippi River mile 1.3)?	503 feet	625 feet	675 feet	800 feet



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1117	<p>The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO, to the Gulf of Mexico) and the Light List.</p> <p>On 3 January you get underway from Hall-Buck Coke Terminal Dock, Baton Rouge, LA (mile 233.0 AHP) enroute to the Mobile Oil Docks (east side), (mile 176.4 UMR), in St. Louis.</p> <p>What is the length of the trip?</p>	720.8 miles	777.4 miles	897.2 miles	906.3 miles
2	1118	What are the dimensions of the Old River Lock on the Lower Old River (mile 304 AHP)?	1190 x 75 feet	1185 x 84 feet	1190 x 84 feet	1185 x 75 feet
3	1119	At 2142, on January 3, you pass Sebastapol Light (mile 283.3 AHP). At 0137, January 4, you pass Fort Adams Light (mile 311.4 AHP). You have been turning for 9.0 mph. What was the current?	4.2 mph	3.3 mph	2.7 mph	1.8 mph
4	1120	At 0850, 4 January, you pass the Gage at Natchez, MS which reads 26.8 feet. The low water reference plane (LWRP) for Natchez is 6.1 feet. What is the water level in relation to the low water reference plane?	20.7 ft above	20.7 ft below	32.9 ft above	32.9 ft below
5	1339	At 1300, 5 January, the river will be temporarily closed to navigation for six hours at mile 531.3 AHP due to repairs to a bridge. What minimum speed over the ground must you make from Natchez Gage in order not to be delayed?	5.7 mph	6.0 mph	6.8 mph	7.3 mph
6	1122	Which type of daymark will you see as you approach Old Levee Light (mile 385.2 AHP)?	Green diamond	Red square	Green square	Private aid - no daymark
7	1123	What is the vertical clearance of the Vicksburg Highway 80 Bridge when the river level is the same as the Low Water Reference Plane?	128.3 ft	125.6 ft	119.5 ft	116.3 ft
8	1124	The Vicksburg Gage reads 31.9 feet. The high point on your towboat is 43 feet above the water. What is the vertical clearance as you pass under the Vicksburg Highway 80 Bridge?	36.2 feet	41.4 feet	58.0 feet	84.3 feet
9	1125	Where would you find out which buoys, if any, are in place at Concordia Bar crossing (mile 596.0 AHP)?	Local Notice to Mariners	Bulletin board at the Rosedale Gage	Waterways Journal	None of the above
10	1126	What are the dotted lines crossing at mile 529.7 AHP?	submarine cables	power cables	gated dams	workboat crossings



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1127	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO, to the Gulf of Mexico) and the Light List. You are making up your tow at the fleeting area at Cairo Point, IL (mile 980.8 Ohio River). At 0952, on 21 September, you get underway enroute to New Orleans with a mixed tow. You are turning for 6.8 mph and estimate the current at 1.0 mph. What is your speed over the ground?	6.8 mph	7.8 mph	8.8 mph	9.4 mph
2	1128	How far is it to the Hernando Desoto Bridge in Memphis, TN?	980.8 miles	736.6 miles	312.3 miles	218.1 miles
3	1129	Which daymark should you see as you approach French Point Light (mile 915.4 AHP)?	Red diamond	Green square	Red triangle	Green diamond
4	1130	At 1923, on September 21, you pass Bixby Towhead Light (mile 873.7 AHP). What was your average speed since leaving Cairo?	9.2 mph	8.8 mph	8.5 mph	7.2 mph
5	1131	At 1923, you increase speed to make good 9.2 mph. What is the first Gage you will pass after your speed change?	Cottonwood Point	Caruthersville	Fulton	New Madrid
6	1132	Which light will you be passing at 0059, on 22 September, if you make good 9.2 knots?	Obion Bar Lt.	Kate Aubrey Lt.	Trotter Lt.	Quaker Oats Lt.
7	1133	The Helena Gage reads 9.4 feet. The high point on your towboat is 42 feet above water. What is the vertical clearance when you pass under the Helena Highway Bridge?	53.0 feet	62.6 feet	64.2 feet	68.0 feet
8	1134	What company does NOT have a marine facility along the river bank in Helena (mile 661 to 665 AHP)?	Helena Port Terminal, Inc.	Riceland Food Corps.	Quincy Soybean Co.	Texas Eastern Pipeline Co.
9	1135	The low water reference plane (LWRP) for Bayou Sara is 5.25 feet. If the Bayou Sara Gage reads -0.5 feet, what is the water level in relation to the low water reference plane?	4.75 feet above the plane	5.75 feet above the plane	5.75 feet below the plane	4.75 feet below the plane
10	1136	The Arkansas City Yellow Bend revetment on the LMR extends from mile _____.	555.0-549.7 RDB	549.0-548.5 RDB	556.9-554.9 LDB	548.5-546.5 LDB



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1137	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 1215, on May 23, you get underway from The First Nitrogen Barge dock at mile 173.6 AHP enroute to Racine, OH (mile 241.6 OR). What is the length of the trip?	1195.4 miles	1223.1 miles	1464.8 miles	1520.1 miles
2	1138	After you get underway, what is the first river gage you will pass?	Donaldsonville	Head of Passes	Baton Rouge	Red River Landing
3	1139	You are passing the Bayou Sara Gage which reads 3.9 feet. The low water reference plane for Bayo Sara is 5.25 feet. Which of the following statements is TRUE?	The river level is above the Low Water Reference Plane.	Red Store Landing Revetment is ahead on your starboard side	This gage reading is at a lower elevation than the same reading on the Gage at Head of Passes.	None of the above.
4	1140	At 0921, on 24 May, you are abreast the St. Catherine Bar Lt. (mile 348.6 AHP). If you are turning for 10.0 mph, what was the current since departure?	3.4 mph	2.0 mph	1.7 mph	1.4 mph
5	1141	Which daymark will you see as you approach Natchez Beam Lt. (mile 364.8 AHP)?	Red triangle	White square	Green square	Red diamond
6	1142	At 1132, 24 May, you pass Natchez Beam Lt. (mile 364.8 AHP). What is your ETA off the Memphis Gage if you average 8.0 mph?	2345, 25 May	0947, 26 May	1525, 26 May	2215, 26 May
7	1143	Which town is located at mile 663.5 AHP?	Friers Point	Helena	St. Francis	Rodney
8	1144	What is the brown colored tint shown at Bordeaux Point Dykes (mile 681.0 AHP)?	river gage	fish hatchery	dredge material	levee
9	1145	The Memphis Gage reads 18.4 feet. The high point of your towboat is 48 feet above water. What is the vertical clearance as you pass under the Memphis Highway	75.4 feet	66.4 feet	53.8 feet	46.4 feet
10	1146	The Linwood Bend revetment on the LMR extends from mile _____.	828.1-823.1 RDB	831.7-829.4 RDB	845.4-842.5 LDB	841.3-838.7 LDB



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1147	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 1914, on 21 June, you depart the Alton Barge Docks at Alton, IL (mile 202.0 UMR), with a mixed tow of 6 loaded covered hopper barges, 2 loaded tank barges, and 2 empty hopper barges. You have orders to drop off the empties at the fleeting area at Cairo Point and add five loaded tank barges to your tow. If you are turning for 9 mph and estimate the current at 1.5 mph, what is your ETA at Cairo?	2210, 22 June	1741, 22 June	1423, 22 June	1031, 22 June
2	1148	You complete changing out your tow and get underway enroute Ark City Tank Storage (mile 554.0 AHP) to deliver the tank barges. What is the distance you must travel from Cairo Point Light?	202.1 miles	400.7 miles	554.2 miles	605.8 miles
3	1149	As you approach Dean Island Light (mile 754.8 AHP), which type of daymark will be observed at the light?	Green triangle	Green diamond	Green square	Red-and-green banded square
4	1150	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	58.1 feet	68.2 feet	96.3 feet
5	1163	What is the mile point of the Fulton Gage?	598 AHP	632 AHP	687 AHP	778 AHP
6	1164	At 2350 on 23 June, you are at mile 610.5 AHP when you see about a mile ahead lights on the water near the left bank. What might you see when you come abreast of these lights?	Privately maintained buoys at a yacht club	Government buoys marking the Hurricane Point dikes	Barges moored at the Dennis Landing Terminal	A pipeline discharging dredge spoil
7	1165	Which of the following statements concerning the buoys on the Mississippi River is TRUE?	The position of river buoys can be determined by consulting the latest Light List - Vol. V.	A preferred channel mark is a lateral mark indicating a channel junction which must always be passed to starboard.	Buoys should be passed as close as possible.	Setting a buoy is the act of placing a buoy on assigned position in the water.
8	1166	At 1032 on 24 June, you pass Carolina Landing Light (mile 508.8 AHP). What has been the average current since 2350, 23 June, if you have been making turns for 9.0 mph?	8.5 mph	5.7 mph	1.5 mph	0.5 mph
9	1167	Where can scheduled broadcast times of river stages be found?	Sailing Directions	List of Lights	Light List	Coast Pilot
10	1168	Which company does NOT have a marine facility in Rosedale harbor (mile 585 AHP)?	T.L. James	Rosedale-Boliver County Port Commission	Cives Steel Company	Sanders Elevator Corp



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1224	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. On 9 September, you depart the Formosa Plastics mooring facility at mile 233.5 AHP with six loaded tank barges enroute to the Alton Barge Terminal, Alton, IL (mile 202.0 UMR). Your engines are making turns for 7.5 mph in still water. What is the total length of the trip?	906.3 miles	922.3 miles	1155.8 miles	1187.3 miles
2	1225	You estimate the current at 2.0 mph. What is the speed over the ground?	9.5 mph	5.5 mph	5.0 mph	4.5 mph
3	1226	What are the dimensions of the Port Allen Lock at Baton Rouge, LA?	75 feet x 1188 feet	84 feet x 1180feet	84 feet x 1188 feet	75 feet x 1180 feet
4	1227	At 0119, on 10 September, you pass Springfield Bend Lt. (mile 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	1746, 12 September	1244, 13 September	2329, 14 September	0210, 15 September
5	1228	As you pass under the Natchez-Vidalia Dual Bridge, the gage on the bridge reads 8.9 ft. If the highest point on your vessel is 54 ft. above the water, what is your vertical clearance?	63.1 feet	65.3 feet	67.2 feet	122.0 feet
6	1229	Which type of daymark would you see on the Belle Island Corner Lt. at mile 458.6 AHP?	Green - Diamond	Green - Square	Red - Diamond	Red - Triangle
7	1230	At 1814, on 11 September, you pass under the Greenville Highway Bridge (mile 531.3 AHP). What speed must you average to arrive at Jimmy Hawken Light (mile 663.5 AHP) at 0930 the following day?	8.7 mph	7.7 mph	6.3 mph	5.6 mph
8	1231	Which company does NOT have a marine facility along the river bank in Madison Parish (mile 457.0 AHP)?	Complex Chemical Co.	Delta Southern Railroads	Farm Chemical	Baxter Wilson
9	1232	The Vaucluse Trench fill revetment on the LMR extends from mile _____.	524.3 - 522.6 RDB	535.6 - 532.9 RDB	535.9 - 534.3 LDB	534.3 - 532.6 LDB
10	1233	What is the distance from Greenville, MS, to Tiptonville, TN on the Mississippi River System?	95 miles	136 miles	341 miles	520 miles



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1234	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO, to the Gulf of Mexico) and the Light List. At 1515, on 23 May, you get underway from the Amoco Pipeline Co. docks (mile 253.6 AHP), enroute to Pittsburgh, PA, with a tow of six barges carrying asphalt. What is the distance from the Amoco Docks at Baton Rouge, LA, to Pittsburgh, PA?	1681.7 miles	1575.3 miles	981.7 miles	727.9 miles
2	1235	You are turning for 10 mph and passing Hog Point, LA. (mile 297.5 AHP). Angola reports that the current at Red River Landing is 4.5 mph. Which statement is TRUE?	The main channel lies on the south side of the island you see ahead.	You are making 14.5 mph over the ground.	An underwater stone dike has been constructed 0.5 miles upstream of Miles Bar Towhead.	You would expect to find the more favorable current near the broken red line in the river.
3	1236	Which facility is located on the right descending bank at mile 363.6 AHP?	River Cement Corps.	Bunge Corps.	T.L. James	Vidalia Dock and Storage Co.
4	1237	At 1118, on 24 May, you pass Natchez Gage and estimate the current will average 3.0 mph for the remainder of the time on the Mississippi River. What is your ETA at Cairo, IL if you continue to turn for 10 mph?	0840, 26 May	2218, 26 May	2339, 27 May	0339, 28 May
5	1238	If the highest point of your towboat is 54 feet above the water and the Natchez Gage reads 24.8 feet, what will be your vertical clearance when passing under the Natchez-Vidalia westbound Highway Bridge?	35.9 feet	47.2 feet	49.6 feet	57.5 feet
6	1239	In high water conditions, which publication would you consult for the latest information on buoys between Baton Rouge and Cairo?	List of Buoys and Daymarks	U.S.C.G. Light List	Army Corps. of Engineers Navigation Chart	None of the above
7	1240	As you approach Ashland Light (mile 378.1 AHP), which type of daymark would you see on the light structure?	Green square	Green diamond	Red diamond	Red triangle
8	1241	At 1554, on 25 May, you pass Huntington Point Light (mile 555.2 AHP). What was your average speed since departing Amoco Pipeline Co. Docks (mile 253.6 AHP)?	6.9 mph	6.2 mph	4.8 mph	4.3 mph
9	1242	The solid lines extending into the channel at mile 948 AHP are _____.	dikes	revetments	spoil areas	Westvaco Service Facilities
10	1243	What is the width of the widest span of the Cairo Highway Bridge (Upper Mississippi River mile 1.3)?	800 feet	675 feet	625 feet	503 feet



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1244	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO, to the Gulf of Mexico) and the Light List. At 2345, on 25 December, you depart Vulcan Chemicals, Memphis Harbor, McKellar Lake (mile 726.0 AHP - LMR) enroute to the Petroleum Fuel & Terminal Co. (mile 144.6 AHP) in Angelina, LA with a tow of eight full gasoline barges. If your vessel is making turns for 7.5 mph with an estimated average current of 1.5 mph, what is your ETA at the dock in Angelina, LA?	1621, 28 Dec	2203, 28 Dec	0516, 29 Dec	1621, 29 Dec
2	1245	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?	74.7 feet	52.4 feet	49.8 feet	30.1 feet
3	1246	Which of the following statements are TRUE?	Oil well structures are listed in the Light List.	All aids to navigation with lights have lateral significance.	On the Western Rivers, crossing marks may exhibit white lights.	None of the above.
4	1247	At 0509, on 26 December, you pass under the Helena Highway Bridge (mile 661.7 AHP). What has been the average speed of the current since departing Memphis Harbor, McKellar Lake, if you have been making turns for 7.5 mph?	5.6 mph	4.4 mph	2.1 mph	1.8 mph
5	1248	What is the distance in river miles, from the new mouth of the White River to the Petroleum Fuel & Terminal Co. (mile 144.6 AHP)?	454 miles	427 miles	384 miles	370 miles
6	1249	What is the white/black within a circle symbol found at mile 592.1 AHP?	Terrence Landing Light	Daymark	River Gage	Information Board
7	1250	What facility is not found near La Grange Towhead Light (mile 538.2 AHP) on Greenville Harbour?	Mississippi Limestone	Ergon, Inc.	American Commercial Barge Lines	Greenville Casino Wharf
8	1286	As you pass under the Vicksburg Bridges, you estimate the current as 3.0 mph. What is the speed over the ground, if your vessel is making turns for 10.5 mph?	16.5 mph	13.5 mph	10.5 mph	7.5 mph
9	1287	As you approach Buckridge Light (mile 412.5 AHP), which type of daymark would you see on the light structure?	Red diamond	Red triangle	Green square	Green diamond
10	1288	What is NOT true about the yellow square at mile 227.3 AHP?	Yellow in color	Square in shape	Lighted	Part of Intracoastal Waterway System



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1289	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 0815, on the 16th of April, you depart the Exxon Refinery Docks (mile 232 AHP) bound for the fleeting area at Sycamore Chute Light (mile 740.3 AHP). The horizontal clearance of the center span on the Baton Rouge RR and Highway 190 Bridge is _____.	443	500	575	623
2	1290	You are at mile 230.0 AHP and see on the map a large rectangle outlined with a broken line . This indicates a _____.	revetment	dredge material	fleeting area	dike
3	1291	As you pass Solitude Lt. (mile 249.0 AHP) which dayboard would you see?	Green diamond	Green square	Red triangle	Red diamond
4	1292	Which of the following statements regarding buoys on the Mississippi River is TRUE?	Buoy positions on the chart are exact.	Buoys should be given as wide a berth as possible in passing.	The buoys are maintained on station year round.	The buoys do not shift positions due to permanent moorings.
5	1293	What is indicated by the two light gray shaded areas that cross the river above False River Lt. (mile 251.0 AHP)?	Utility crossings	Ferry crossings	Aerial cable crossings	Bridge construction
6	1294	What are the light characteristics of Greenwood Light (mile 288.6 AHP)?	Fixed red light	2 red flashes every 5 seconds	1 red flash every 4 seconds	2 white flashes every 4 seconds
7	1295	After passing Wilkinson Lt. you see a flashing amber light on the right descending bank ahead. The flashing light indicates that you should _____.	stay in the deepest water	slow down due to dredging operations	keep as close to the left descending bank as safety permits	keep as close to the right descending bank as safety permits
8	1296	At which of the following times would you be able to listen to lower Mississippi River conditions on VHF Channel 22?	0900 hours	1100 hours	1200 hours	1300 hours
9	1297	At 0645, on the 17th of April, you pass Hole in the Wall Lt. (mile 373.4 AHP). What has been your average speed since departing the Exxon Refinery?	8.8 mph	7.3 mph	6.8 mph	6.3 mph
10	1298	Your company wants to know at what time you will be arriving at the fleeting area at Sycamore Chute Light (mile 740.3 AHP) in Memphis, TN. You are making turns for 9.0 mph and you estimate the average current at 2.2 mph. Figuring the distance and time from Hole in the Wall Lt. (mile 373.4 AHP), what is your ETA at Sycamore Chute	1242, April 19th	1645, April 19th	2242, April 19th	2333, April 19th



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1299	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. On the 10th of May at 1130, you leave the fleeting area at Gartness Lt. (mile 227.8 AHP) bound for the Monsanto Terminal in St. Louis (mile 178.0 UMR). Your engines turn for 8.5 mph in still water. What is the length of the trip?	405.8 miles	904.0 miles	1002.0 miles	1136.8 miles
2	1300	You estimate the current as 2.5 mph. What is the speed over the ground?	11.0 mph	8.0 mph	6.0 mph	5.5 mph
3	1301	As you approach Casting Yard Dock Lt. (mile 265.4 AHP) you notice on the map a circle with 2 black sectors. This symbol indicates a _____.	lock	warning sign	river gage	mooring buoy
4	1302	From Baton Rouge to Cairo, what is the maintained minimum channel depth during low water?	9 feet	12 feet	15 feet	30 feet
5	1303	On which map would you find Redman Point, Arkansas?	20	38	45	60
6	1304	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?	1919 on 15 May	2344 on 15 May	1113 on 16 May	1757 on 16 May
7	1305	As you approach Ashland Light (mile 378.1 AHP) which daymark would you see?	Red triangle	Red diamond	Green square	Green diamond
8	1306	What is your clearance as you pass under the Vicksburg Highway 80 Bridge (mile 437.8 AHP). if the Vicksburg Gage reads 14.8 feet and the highest point on your tow boat is 44.5 feet?	36 feet	42 feet	48 feet	57 feet
9	1307	After entering Milliken Bend (mile 455 AHP) you wish to locate the river service in Madison Parish, Louisiana. The river service is indicated by the square containing which number?	5	4	3	2
10	1308	At Filter Point Light (mile 475 AHP) there are 2 close straight dashed lines on the map passing through the black dots. What do these lines represent?	Submerged oil pipelines	Submerged gas pipelines	Submerged telephone cables	Aerial power cables



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2712	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. On 3 January you get underway from Hall-Buck Coke Terminal Dock, Baton Rouge, LA, (mile 233.0 AHP) enroute to the Mobile Oil Docks (east side), (mile 176.4 UMR), in St. Louis. What is the length of the trip?	720.8 miles	777.4 miles	897.2 miles	906.3 miles
2	6144	What are the dimensions of the Old River Lock on the Lower Old River (mile 304 AHP)?	1190 x 75 feet	1185 x 84 feet	1190 x 84 feet	1185 x 75 feet
3	1344	At 2142, on January 3, you pass Sebastopol Light (mile 283.3 AHP). At 0137, January 4, you pass Fort Adams Light (mile 311.4 AHP). You have been turning for 9.0 mph. What was the current?	4.2 mph	3.3 mph	2.7 mph	1.8 mph
4	2367	At 0850, 4 January, you pass the Gage at Natchez, MS which reads 26.8 feet. The low water reference plane (LWRP) for Natchez is 6.1 feet. What is the water level in relation to the low water reference plane?	20.7 ft below	20.7 ft above	32.9 ft below	32.9 ft above
5	1340	At 1300, 5 January, the river will be temporarily closed to navigation for six hours at mile 531.3 AHP due to repairs to a bridge. What minimum speed over the ground must you make from Natchez Gage in order not to be delayed?	5.7 mph	6.0 mph	6.8 mph	7.3 mph
6	2780	Which type of daymark will you see as you approach Old Levee Light (mile 385.2 AHP)?	Green diamond	Red square	Green square	Private aid - no daymark
7	15429	What is the vertical clearance of the Vicksburg Highway 80 Bridge when the river level is the same as the Low Water Reference Plane? The low water reference plane (LWRP) for Vicksburg, MS. is 0.1.	128.3 ft	125.6 ft	119.5 ft	116.1 ft
8	15	The Vicksburg Gage reads 31.9 feet. The high point on your towboat is 43 feet above the water. What is the vertical clearance as you pass under the Vicksburg Highway 80 Bridge?	36.2 feet	41.4 feet	58.0 feet	84.3 feet
9	1811	Where would you find out which buoys, if any, are in place at Concordia Bar crossing (mile 596.0 AHP)?	Notice to Mariners	Bulletin board at the Rosedale Gage	Waterways Journal	None of the above
10	2720	Which company utility crossing is at mile 529.7 AHP?	Texas Gas Transmission Corp. submerged gas pipeline	Tennessee Gas Co. submerged gas pipeline	ANR Pipeline Co. submerged gas pipeline	Trunkline Gas Co. submerged gas pipeline



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2531	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 1400, 12 January, you are down bound on the Upper Mississippi River at St. Louis, MO (mile 181.0 UMR) bound for the River Cement Co. in Natchez, MS. When you pass under the Jefferson Barracks Highway Bridge (mile 168.6 UMR) what will be your vertical clearance if the highest point on your towboat is 55 feet and the St Louis Gage reads 21 feet?	11.8 feet	14.6 feet	19.7 feet	25.8 feet
2	1808	You are on map #4. What is the mile point of the facility known as Gulf Coast Grain Co.?	mile 920 AHP	mile 921 AHP	mile 922 AHP	mile 923 AHP
3	2711	Which light characteristics does Foster Light have?	1 green flash every 4 seconds	1 red flash every 4 seconds	2 white flashes every 5 seconds	2 red flashes every 5 seconds
4	2368	At 2100, January 12, you are passing Cherokee Landing Lt. (mile 112.5 UMR). What has been your speed over the ground since leaving St. Louis, MO (mile 181 UMR).	10.4 mph	9.8 mph	9.2 mph	8.8 mph
5	2913	You are turning for 7.5 mph and estimate the current at 3.0 mph. What is your ETA at the River Cement Co. in Natchez considering that you passed Cherokee Landing Lt. at	1605 on 15 January	0355 on 16 January	1244 on 16 January	1922 on 16 January
6	1684	You are passing Putney Lt. (mile 943.6 AHP). The gray shaded areas alongside the river represent	levees	weirs	dikes	revetments
7	2786	At 1030, 13 January, you are passing Columbus Point Lt. (mile 936.1 AHP). What has been your average speed since leaving St. Louis (mile 181 UMR) on the 12th of January at 1400 hours?	10.4 mph	9.7 mph	9.4 mph	9.1 mph
8	2535	What is the mile point of Hickman, KY Gage?	846.4 AHP	889.0 AHP	922.0 AHP	937.2 AHP
9	1809	Which daymark would you see at Shields Bar Lt. (mile 882.2 AHP)?	Red triangle	Green triangle	Red diamond	Green square
10	2294	You are passing Eastwood Lt. (mile 849.3 AHP) and the map indicates that Bunge Grain facility would be located at the square with number	4	6	8	10



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1341	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO, to the Gulf of Mexico) and the Light List. At 0825 on 08 March, you get underway from the River Cement Co. (mile 173.0 AHP), enroute The Slay Warehousing docks (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?	718.8 miles	780.8 miles	953.5 miles	981.5 miles
2	2293	As you pass under the Baton Rouge R.R. and Hwy 190 Bridge (mile 233.9 AHP), you find that the Kinder Morgan Bulk Terminals are indicated by which numbered box?	10	9	8	7
3	1810	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?	Tows and other vessels should navigate as close to the left descending bank as safety will permit.	The inflow channel is a navigable channel for any vessel.	You are making 13.5 mph over the ground.	Old River Control Structure Light and Fort Adams Light may be used as range lights when entering the outflow channel.
4	2532	At 0715, on March 9, you pass Knox Landing Gage (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?	0640, 11 March	0554, 12 March	0943, 13 March	1242, 13 March
5	1342	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?	67.5 feet	57.1 feet	52.2 feet	45.2 feet
6	2533	In high water conditions, which publication would you consult for the latest information on buoys between Baton Rouge and Cairo?	List of Buoys and Daymarks	Coast Pilot	Army Corps. of Engineers Navigation Chart	U.S.C.G. Local Notice to Mariners
7	1685	As you approach Buckridge Light (mile 412.5 AHP), which type of daymark would you see on the light structure?	Red square	Green square	Red diamond	Green diamond
8	1343	At 1019, on 10 March, you pass under the Greenville Bridge (mile 531.3 AHP). What was your average speed since departing River Cement Co. Dock?	7.2 mph	6.8 mph	6.5 mph	6.2 mph
9	2029	As you approach mile 659 AHP, you notice on the map a dashed line crossing the river at mile 659.9 AHP. This line indicates _____.	ferry crossing	submarine crossing	power lines	gas pipelines
10	1366	On which river is New Providence, TN located?	Allegheny	Upper Mississippi	Ohio	Cumberland



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1408	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 0815, on the 16 of April, you depart the Exxon Refinery Docks (mile 232 AHP) bound for the fleeting area at Sycamore Chute Light (mile 740.3 AHP). The horizontal clearance of the center span on the Baton Rouge RR and Highway 190 Bridge is _____.	443	500	623	748
2	1686	Which light characteristics does Ben Burman Lt. (mile 235.0 AHP) have?	1 red flash every 5 seconds	2 white flashes every 5 seconds	2 green flashes every 5 seconds	2 red flashes every 5 seconds
3	1409	As you pass Solitude Lt. (mile 249.0 AHP) which dayboard would you see?	Green square	Green diamond	Red triangle	Red diamond
4	2030	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.	Buoy positions on the chart are exact.	The buoys are maintained on station year round.	The buoys do not shift positions due to permanent moorings.
5	2911	What is indicated by the two light gray shaded areas that cross the river above False River Lt. (mile 251.0 AHP)?	Ferry crossings	Utility crossings	Aerial cable crossings	Bridge construction
6	1687	What are the light characteristics of Greenwood Light (mile 288.6 AHP)?	Fixed red light	1 red flash every 4 seconds	2 red flashes every 5 seconds	2 white flashes every 4 seconds
7	2031	After passing Wilkinson Lt. (mile 310.0 AHP) you see a flashing amber light on the right descending bank ahead. The flashing light indicates that you should _____.	stay in the deepest water	slow down due to dredging operations	keep as close to the right descending bank as safety permits	keep as close to the left descending bank as safety permits
8	2187	At which of the following times would you be able to listen to lower Mississippi River conditions on VHF Channel 22?	0900 hours	1100 hours	1300 hours	1600 hours
9	2027	At 0645, on the 17th of April, you pass Hole in the Wall Lt. (mile 373.4 AHP). What has been your average speed since departing the Exxon Refinery?	5.8 mph	6.3 mph	6.7 mph	7.1 mph
10	2534	Your company wants to know at what time you will be arriving at the fleeting area at Sycamore Chute Light (mile 740.3 AHP) in Memphis, TN. You are making turns for 9.0 mph and you estimate the average current at 2.2 mph. Figuring the distance and time from Hole in the Wall Lt. (mile 373.4 AHP), what is your ETA at Sycamore Chute	0557, April 19th	1045, April 19th	1242, April 19th	1733, April 19th



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1410	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO, to the Gulf of Mexico) and the Light List. At 1515, on 23 May, you get underway from the Amoco Pipeline Co. docks (mile 253.6 AHP), enroute to Pittsburgh, PA, with a tow of six barges carrying asphalt. What is the distance from the Amoco Docks at Baton Rouge, LA, to Pittsburgh, PA?	1681 miles	1575 miles	981 miles	727 miles
2	2028	You are turning for 10 mph and passing Hog Point, LA. (mile 297.5 AHP). Angola reports that the current at Red River Landing is 4.5 mph. Which statement is TRUE?	The main channel lies on the south side of the island you see ahead.	You are making 14.5 mph over the ground.	An underwater stone dike has been constructed 0.5 miles upstream of Miles Bar Towhead.	You would expect to find the more favorable current near the broken red line in the river.
3	1643	Which facility is located on the right descending bank at mile 363.6 AHP?	River Cement Corps.	Bunge Corps.	T.L. James	Vidalia Dock and Storage Co.
4	1751	At 1118, on 24 May, you pass Natchez Gage and estimate the current will average 3.0 mph for the remainder of the time on the Mississippi River. What is your ETA at Cairo, IL if you continue to turn for 10 mph?	0840, 26 May	2218, 26 May	2339, 27 May	0339, 28 May
5	2709	If the highest point of your towboat is 54 feet above the water and the Natchez Gage reads 24.8 feet, what will be your vertical clearance when passing under the Natchez-Vidalia westbound Highway Bridge?	35.9 feet	47.2 feet	49.6 feet	57.5 feet
6	1364	In high water conditions, which publication would you consult for the latest information on buoys between Baton Rouge and Cairo?	List of Buoys and Daymarks	U.S.C.G. Light List	Army Corps. of Engineers Navigation Chart	None of the above
7	1688	As you approach Ashland Light (mile 378.1 AHP), which type of daymark would you see on the light structure?	Green square	Green triangle	Red diamond	Red triangle
8	1927	At 1554, on 25 May, you pass Huntington Point Light (mile 555.2 AHP). What was your average speed since departing Amoco Pipeline Co. Docks (mile 253.6 AHP)?	6.9 mph	6.2 mph	4.8 mph	4.3 mph
9	2788	The solid lines extending into the channel at mile 948 AHP are _____.	dikes	revetments	spoil areas	Meadwestvaco pipeline
10	2454	What is the width of the widest span of the Cairo Highway Bridge (Upper Mississippi River mile 1.3)?	800 feet	675 feet	625 feet	503 feet



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2787	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 1707, on 23 May, you get underway from mile 234.2 AHP enroute to Louisville, KY (mile 612.6 OR). What is the length of the trip?	1088.5 miles	1332.2 miles	1334.6 miles	1566.4 miles
2	1411	After you get underway, what is the first river gage you will pass?	Head of Passes	Baton Rouge	Bayou Sara	Red River Landing
3	1535	The Red River Landing Gage reads 5.2 feet. The low water reference plane (LWRP) for Red River is 10.6 feet. Which of the following statements is TRUE?	River level is below the Low Water Reference Plane.	The depth over revetment at Old River is 25.2 ft.	The depth over Old River Lock sill is greater than 11 ft.	This gage reading is at a higher elevation than the same reading on the Gage at Head of Passes.
4	2186	At 0922, on 24 May, you are abreast the St. Catherine Bar Lt. (mile 348.6 AHP). If you are turning for 8.0 mph, what is the current?	1.0 mph	1.4 mph	2.0 mph	7.0 mph
5	1689	What daymark will you see as you approach Warnicott Bar Lt. (mile 351.3 AHP)?	Red diamond	Red triangle	Green square	White square
6	1831	You pass Warnicott Bar Lt. at 1146, 24 May. What is your ETA off the Mhoon Landing Gage if you average 6.5 mph?	0152, 26 May	0426, 26 May	1528, 26 May	0909, 27 May
7	1842	What town is located at mile 389.8 AHP?	Whitehall	Belmont	St. James	Rodney
8	1949	The circle with black and white quadrants located at mile 435.6 AHP is a _____.	Daymark	Electrical Tower	River Gage	Information Board
9	1950	The Greenville Gage reads 10.6 feet. The high point of your towboat is 54 feet above water. What is the vertical clearance as you pass under the Greenville Highway Bridge?	44.4 feet	54.2 feet	65.4 feet	75.4 feet
10	1690	The locations of locks and dams can be found in the _____.	Army Corps. of Engineers maps	Light List	Local Notice to Mariners	Channel Report



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2049	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. On the 10th of May at 1130, you leave the fleeting area at Gartness Lt. (mile 227.8 AHP) bound for the Monsanto Terminal in St. Louis (mile 178.0 UMR). Your engines turn for 8.5 mph in still water. What is the length of the trip?	405.8 miles	904.0 miles	1002.0 miles	1136.8 miles
2	1365	You estimate the current as 2.5 mph. What is the speed over the ground?	11.0 mph	8.0 mph	6.0 mph	5.5 mph
3	1536	As you approach Casting Yard Dock Lt. (mile 265.4 AHP) you notice on the map a circle with 2 black sectors. This symbol indicates a _____.	lock	warning sign	river gage	mooring buoy
4	2050	From Baton Rouge to Cairo, what is the maintained minimum channel depth during low water?	9 feet	12 feet	15 feet	30 feet
5	2051	On which map would you find Redman Point, Arkansas?	23	20	17	5
6	2201	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?	1919 on 15 May	2344 on 15 May	1113 on 16 May	1757 on 16 May
7	1951	As you approach Ashland Light (mile 378.1 AHP) which daymark would you see?	Red triangle	Red diamond	Green square	Green diamond
8	1537	What is your clearance as you pass under the Vicksburg Highway 80 Bridge (mile 437.8 AHP). if the Vicksburg Gage reads 14.8 feet and the highest point on your tow boat is 44.5 feet?	36 feet	42 feet	48 feet	57 feet
9	2202	After entering Milliken Bend (mile 455 AHP) you wish to locate the river service in Madison Parish, Louisiana. The river service is indicated by the square containing which number?	5	4	3	2
10	1412	At Filter Point Light (mile 475 AHP) there are 3 close straight dashed lines on the map passing through the black dot below the number 475. What do these lines represent?	Oil pipelines	Submerged gas pipelines	Power Cables	Submerged fiber optic cable



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2203	<p>The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List.</p> <p>At 1914, on 21 June, you depart the Alton Barge Docks at Alton, IL (mile 202.0 UMR), with a mixed tow of 6 loaded covered hopper barges, 2 loaded tank barges, and 2 empty hopper barges. You have orders to drop off the empties at the fleeting area at Cairo Point and add five loaded tank barges to your tow. If you are turning for 9 mph and estimate the current at 1.5 mph, what is your ETA at Cairo?</p>	2210, 22 June	1741, 22 June	1423, 22 June	1031, 22 June
2	1413	You complete changing out your tow and get underway enroute Ark City Tank Storage (mile 554.0 AHP) to deliver the tank barges. What is the distance you must travel from Cairo Point Light?	202.1 miles	400.7 miles	554.2 miles	605.8 miles
3	1952	As you approach Dean Island Light (mile 754.8 AHP), which type of daymark will be observed at the light?	Green triangle	Green diamond	Green square	Red-and-green banded square
4	2052	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	58.1 feet	68.2 feet	96.3 feet
5	1414	What is the mile point of the Fulton Gage?	598 AHP	632 AHP	687 AHP	778 AHP
6	2126	At 2350 on 23 June, you are at mile 610.5 AHP when you see about a mile ahead lights on the water near the left bank. What might you see when you come abreast of these lights?	Privately maintained buoys at a yacht club	Government buoys marking the Hurricane Point dikes	Barges moored at the Dennis Landing Terminal	A pipeline discharging dredge spoil
7	1622	Which of the following statements concerning the buoys on the Mississippi River is TRUE?	The position of river buoys can be determined by consulting the latest Light List - Vol. V.	A preferred channel mark is a lateral mark indicating a channel junction which must always be passed to starboard.	Buoys should be passed as close as possible.	Setting a buoy is the act of placing a buoy on assigned position in the water.
8	1538	At 1032 on 24 June, you pass Carolina Landing Light (mile 508.8 AHP). What has been the average current since 2350, 23 June, if you have been making turns for 9.0 mph?	8.5 mph	5.7 mph	1.5 mph	0.5 mph
9	1832	Where can scheduled broadcast times of river stages be found?	Sailing Directions	List of Lights	Light List	Coast Pilot
10	2248	Which company does NOT have a marine facility in Rosedale Harbor (mile 585 AHP)?	T.L. James	Rosedale-Boliver County Port Commission	Cives Steel Company	Sanders Elevator Corp



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1954	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. At 1745, on 25 August, you depart Memphis Harbor, McKellar Lake (mile 726.0 AHP - LMR) enroute to Baton Rouge, LA with a tow of twelve empty gasoline barges. You have received orders to proceed to the Amoco Pipeline Co. (mile 253.6 AHP) above Baton Rouge. If your vessel is making turns for 9 mph with an estimated average current of 1.5 mph, what is your ETA at the Amoco docks?	1444, 27 Aug	2214, 27 Aug	0844, 28 Aug	1454, 28 Aug
2	1415	The highest point on your towboat is 52 feet above the water, and the Helena Gage reads +9.6 feet. What will be the vertical clearance when you pass under the A-span of the Helena Highway Bridge?	49.8 feet	53.9 feet	57.8 feet	73.1 feet
3	1986	You are in charge of a vessel that damages an aid to navigation established and maintained by the United States. Which statement is TRUE?	You must take the aid in tow and deliver it to the nearest Coast Guard, Marine Safety Office.	You must report the allision to the nearest Army Corps. of Engineers Office.	You may wait until you reach your destination before reporting the allision to the U.S. Coast Guard.	You must report the accident to the nearest Officer in Charge, Marine Inspection.
4	2053	At 2342, on 25 August, you pass under the Helena Highway Bridge (mile 661.7 AHP). What has been the average speed of the current since departing Memphis Harbor, McKellar Lake, if you have been making turns for 9	1.8 mph	2.1 mph	4.4 mph	5.6 mph
5	2206	What is the distance in river miles, from the new mouth of the White River to the RR and Hwy bridge at Baton Rouge,	338 miles	365 miles	400 miles	454 miles
6	2204	The Clinch River empties into which river?	Arkansas	Mississippi	Ohio	Tennessee
7	1431	As you pass under the Greenville Highway Bridge, you estimate the current as 4.5 mph. What is the speed over the ground, if your vessel is making turns for 9 mph?	9.5 mph	13.5 mph	14.5 mph	16.5 mph
8	1539	As you approach Vacluse Bend Light (mile 533.8 AHP), which type of daymark would you see on the light	Red diamond	Red triangle	Green square	Green diamond
9	1953	You are downbound when you observe on your Mississippi River map a circle with black and white quadrants on the left bank. This indicates a _____.	river gage	daymark	control tower	information board
10	2205	What are the dimensions of Old River Lock, on the Lower Mississippi River?	1202 feet x 84 feet	1190 feet x 75 feet	760 feet x 75 feet	425 feet x 75 feet



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2208	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. On 9 September, you depart the Formosa Plastics mooring facility at mile 233.5 AHP with six loaded tank barges enroute to the Alton Barge Terminal, Alton, IL (mile 202.0 UMR). Your engines are making turns for 7.5 mph in still water. What is the total length of the trip?	906.3 miles	922.3 miles	1155.8 miles	1187.3 miles
2	1540	You estimate the current at 2.0 mph. What is the speed over the ground?	9.5 mph	5.5 mph	5.0 mph	4.5 mph
3	1833	What are the dimensions of the Port Allen Lock at Baton Rouge, LA?	75 feet x 1188 feet	84 feet x 1180feet	84 feet x 1188 feet	75 feet x 1180 feet
4	1541	At 0119, on 10 September, you pass Springfield Bend Lt. (mile 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	1746, 12 September	1244, 13 September	2329, 14 September	0210, 15 September
5	2207	As you pass under the Natchez-Vidalia Dual Bridge, the gage on the bridge reads 8.9 ft. If the highest point on your vessel is 54 ft. above the water, what is your vertical clearance?	63.1 feet	65.3 feet	67.2 feet	122.0 feet
6	1834	Which type of daymark would you see on the Belle Island Corner Lt. at mile 458.6 AHP?	Green diamond	Green square	Red diamond	Red triangle
7	1955	At 1814, on 11 September, you pass under the Greenville Highway Bridge (mile 531.3 AHP). What speed must you average to arrive at Jimmy Hawken Light (mile 663.5 AHP) at 0930 the following day?	8.7 mph	7.7 mph	6.3 mph	5.6 mph
8	1416	Which company does NOT have a marine facility along the river bank in Madison Parish (mile 457.0 AHP)?	Complex Chemical Co.	Delta Southern Railroads	Mid-Delta Helena, LLC	Baxter Wilson
9	1835	The Vaucluse Trench fill revetment on the LMR extends from mile _____.	524.3 - 522.6 RDB	535.6 - 532.9 RDB	535.9 - 534.3 LDB	534.3 - 532.6 LDB
10	1417	What is the distance from Baton Rouge, LA, to Hickman, KY, on the Mississippi River System?	117 miles	433 miles	656 miles	692 miles



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1542	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO, to the Gulf of Mexico) and the Light List. You are making up your tow at the fleeting area at Cairo Point, IL (mile 980.8 Ohio River). At 0952, on 21 September, you get underway enroute to New Orleans with a mixed tow. You are turning for 6.8 mph and estimate the current at 1.0 mph. What is your speed over the ground?	6.8 mph	7.8 mph	8.8 mph	9.4 mph
2	1418	How far is it to the Hernando Desoto Bridge in Memphis, TN?	980.8 miles	736.6 miles	312.3 miles	218.1 miles
3	1836	Which daymark should you see as you approach French Point Light (mile 915.4 AHP)?	Green diamond	Green square	Red triangle	Red diamond
4	1957	At 1923, on September 21, you pass Bixby Towhead Light (mile 873.7 AHP). What was your average speed since leaving Cairo?	9.2 mph	8.8 mph	8.5 mph	7.2 mph
5	1956	At 1923, you increase speed to make good 9.2 mph. What is the first gage you will pass after your speed change?	Cottonwood Point	Caruthersville	Fulton	New Madrid
6	1419	Which light will you be passing at 0059, on 22 September, if you make good 9.2 knots?	Obion Bar Lt.	Kate Aubrey Lt.	Trotter Lt.	Quaker Oats Lt.
7	2209	The Helena Gage reads 9.4 feet. The high point on your towboat is 42 feet above water. What is the vertical clearance when you pass under the Helena Highway Bridge?	53.0 feet	62.6 feet	64.2 feet	68.0 feet
8	1420	What company does NOT have a marine facility along the river bank in Helena (mile 661 to 665 AHP)?	Helena Port Terminal, Inc.	Riceland Food Corp.	Quincy Soybean Co.	Texas Eastern Pipeline Co.
9	2210	The low water reference plane (LWRP) for Bayou Sara is 5.25 feet. If the Bayou Sara Gage reads -0.5 feet, what is the water level in relation to the low water reference plane?	4.75 feet above the plane	5.75 feet above the plane	5.75 feet below the plane	4.75 feet below the plane
10	1837	The Arkansas City Yellow Bend revetment on the LMR extends from mile _____.	555.0-549.7 RDB	549.0-548.5 RDB	556.9-554.9 LDB	548.5-546.5 LDB



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2211	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 22 September, you are making up your tow at the Fleeting area in Baton Rouge, LA near Gartness Light (mile 227.8 AHP). You get underway at 0842 enroute to Cairo, IL, with a mixed tow. Your engine speed is 9.8 mph and you estimate the current at 1.6 mph. What is your speed over the ground?	11.0 mph	9.8 mph	8.6 mph	8.2 mph
2	1421	What is your ETA at the Helena Highway Bridge?	1335, 24 Sept	1109, 24 Sept	0926, 24 Sept	0458, 24 Sept
3	1958	Which daymark would you see as you approach Red Store Light (mile 269.5 AHP)?	Green square	Green triangle	Green diamond	Red square
4	1423	You pass Ratcliff Light (mile 289.8) at 1650. What was your average speed since leaving Baton Rouge?	7.3 mph	7.6 mph	8.0 mph	8.3 mph
5	2212	At 1650 you decrease speed to make good 7.1 mph. At 2020 you are _____.	abeam of Old River Control Structure Light	entering the Vicksburg District of the U.S. Army Corps. of Engineers	at Palmetto Point	at Latitude 31° 10' N
6	1959	The charts show two dashed lines crossing the river just south of St. Catherine Bar Light. What does this indicate?	Overhead power lines	Louisiana-Mississippi ferry crossings	Two railroad trestles	Two submerged oil pipelines
7	2054	The Natchez Gage reads 16.3 feet. The high point on your towboat is 38 feet above water. What is the vertical clearance when you pass under the Natchez Highway Bridge?	79.0 feet	71.7 feet	65.2 feet	59.1 feet
8	1422	What organization has an installation at the uppermost end of Carthage Revetment?	U.S. Coast Guard	River Cement Co.	U.S. Army Corps. of Engineers	International Paper Co.
9	1960	The low water reference plane for Greenville Highway Bridge is 11.3 feet. If the Gage at the Greenville Highway Bridge reads 22.0 feet, what is the water level in relation to the low water reference plane (LWRP)?	22.1 feet below the LWRP	10.7 feet below the LWRP	10.7 feet above the LWRP	0.5 feet below the LWRP
10	2213	Controlling depth of a channel _____.	is the least depth within the limits of the channel	is the greatest depth within the limits of the channel	permits the safe use of the channel to drafts of more than that depth	is the designed dredging depth of a channel constructed by the U.S. Army Corps. of Engineers



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	1426	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Cairo to the Gulf) and the Light List. On 16 October, you depart the Formosa Plastics mooring facility at mile 233.5 AHP with six loaded tank barges enroute to the Agrico Chemical dock, Herculaneum, MO (mile 153.4 UMR). Your engines are making turns for 6.5 mph instill water. What is the total length of the trip?	910.6 miles	901.4 miles	900.7 miles	873.7 miles
2	2055	You estimate the current at 3.0 mph. What is the speed over the ground?	3.5 mph	4.5 mph	7.5 mph	9.5 mph
3	1839	What are the dimensions of the channel maintained from Baton Rouge to New Orleans, LA?	30 feet x 300 feet	40 feet x 300 feet	30 feet x 500 feet	45 feet x 500 feet
4	1424	You pass Springfield Bend Lt. (mile 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	1905, 19 October	2122, 19 October	0519, 21 October	0847, 21 October
5	1543	As you pass under the Natchez-Vidalia Dual Bridge, the gage on the bridge reads -3.6 feet. If the highest point on your vessel is 62 ft. above the water, what is your vertical clearance?	60.0 feet	63.6 feet	67.6 feet	122.0 feet
6	2056	What are the color and shape of Togo Island daymark at mile 415.0 AHP?	Green - Square	Green - Diamond	Red - Triangle	Red - Square
7	1425	At 1227, on 19 October, you pass under the Greenville Highway Bridge (mile 531.3 AHP). What speed must you average to arrive at Jimmy Hawken Light (mile 663.5 AHP) at 0930 the following day?	5.2 mph	5.6 mph	5.9 mph	6.3 mph
8	2214	Which of the following statements regarding aids to navigation shown in the Corps. of Engineers map book is TRUE?	The U.S. Army Corps. of Engineers is responsible for placing and maintaining all aids to navigation.	Buoys should always be given as wide a berth in passing as possible.	Buoy positions as shown on the chart are exact.	Lights and daymarks are always shown in their exact location.
9	1961	The Delta-Friar Point revetment on the LMR extends from mile _____.	657.3 - 652.2 LDB	652.8 - 649.6 RDB	648.5 - 645.5 LDB	645.6 - 641.4 RDB
10	1838	What is the distance from Baton Rouge, LA, to St. Louis, MO, on the Mississippi River System?	1038 miles	916 miles	690 miles	352 miles



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2216	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 2345, on 25 December, you depart Vulcan Chemicals, Memphis Harbor, McKellar Lake (mile 726.0 AHP - LMR) enroute to the Petroleum Fuel & Terminal Co. (mile 144.6 AHP) in Angelina, LA, with a tow of eight full gasoline barges. If your vessel is making turns for 7.5 mph with an estimated average current of 1.5 mph, what is your ETA at the dock in Angelina, LA?	0516, 28 Dec	1621, 28 Dec	0516, 29 Dec	1621, 29 Dec
2	2060	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	49.8 feet	52.4 feet	74.7 feet
3	1963	Which of the following statements are TRUE?	Oil well structures are listed in the Light List.	All aids to navigation with lights have lateral significance.	On the Western Rivers, crossing marks may exhibit white lights.	All of the above.
4	1841	At 0509, on 26 December, you pass under the Helena Highway Bridge (mile 661.7 AHP). What has been the average speed of the current since departing Memphis Harbor, McKellar Lake, if you have been making turns for 7.5 mph?	1.8 mph	2.1 mph	4.4 mph	5.6 mph
5	1544	What is the distance in river miles, from the new mouth of the White River to the Petroleum Fuel & Terminal Co. (mile 144.6 AHP)?	370 miles	384 miles	437 miles	454 miles
6	1964	The Platte River empties into which river?	Mississippi	Missouri	Ohio	Tennessee
7	1545	You are downbound, passing by Warfield Point Lt. (mile 537 AHP), when you observe on your Mississippi River map several black lines extending into the river from the bank. These indicate _____.	revetments	weirs	fleeting areas	dikes
8	1546	As you pass under the Vicksburg Bridges, you estimate the current as 3.0 mph. What is the speed over the ground, if your vessel is making turns for 10.5 mph?	7.5 mph	10.5 mph	13.5 mph	16.5 mph
9	2272	As you approach Buckridge Light (mile 412.5 AHP), which type of daymark would you see on the light structure?	Red diamond	Red triangle	Green diamond	Green square
10	2061	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 _____.	ferry crossing	submarine crossing	gas pipelines	power lines



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2296	The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal, MO to the Gulf of Mexico) and the Light List. At 2345, on 25 December, you depart Vulcan Chemicals, Memphis Harbor, McKellar Lake (mile 726.0 AHP - LMR) enroute to the Petroleum Fuel & Terminal Co. (mile 144.6 AHP) in Angelina, LA with a tow of eight full gasoline barges. If your vessel is making turns for 7.5 mph with an estimated average current of 1.5 mph, what is your ETA at the dock in Angelina, LA?	1621, 28 Dec	2203, 28 Dec	0516, 29 Dec	1621, 29 Dec
2	2217	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?	74.7 feet	52.4 feet	49.8 feet	30.1 feet
3	2371	Which of the following statements are TRUE?	Oil well structures are listed in the Light List.	All aids to navigation with lights have lateral significance.	On the Western Rivers, crossing marks may exhibit white lights.	None of the above.
4	1547	At 0509, on 26 December, you pass under the Helena Highway Bridge (mile 661.7 AHP). What has been the average speed of the current since departing Memphis Harbor, McKellar Lake, if you have been making turns for 7.5 mph?	5.6 mph	4.4 mph	2.1 mph	1.8 mph
5	2351	What is the distance in river miles, from the new mouth of the White River to the Petroleum Fuel & Terminal Co. (mile 144.6 AHP)?	454 miles	427 miles	384 miles	370 miles
6	2297	The Platte River empties into which river?	Mississippi	Ohio	Missouri	Tennessee
7	2062	You are downbound, passing by Spanish Moss Lt. (mile 534.2 AHP), when you observe on your Mississippi River map several black broken lines extending into the river from the bank. These indicate _____.	fleeting areas	revetments	dikes	weirs
8	2370	As you pass under the Vicksburg Bridges, you estimate the current as 3.0 mph. What is the speed over the ground, if your vessel is making turns for 10.5 mph?	16.5 mph	13.5 mph	10.5 mph	7.5 mph
9	1548	As you approach Buckridge Light (mile 412.5 AHP), which type of daymark would you see on the light structure?	Red diamond	Red triangle	Green diamond	Green square
10	2424	As you approach mile 225 AHP, you notice on the map a brown broken-lined rectangular shaped area along the bank. This indicates _____.	weirs	a revetment	a fleeting area	utility crossing



LAPWARE, LLC



Number	cgid	question	answerA	answerB	answerC	answerD
1	2233	<p>The following questions (1-10) are based on the Army Corps. of Engineers Mississippi River Maps (Hannibal to the Gulf of Mexico) and the Light List.</p> <p>At 1914, on 21 June, you depart the Alton Barge Docks at Alton, IL (mile 202.0 UMR), with a mixed tow of 6 loaded covered hopper barges, 2 loaded tank barges, and 2 empty hopper barges. You have orders to drop off the empties at the fleeting area at Cairo Point and add five loaded tank barges to your tow. If you are turning for 9 mph and estimate the current at 1.5 mph, what is your ETA at Cairo?</p>	1031, 22 June	1423, 22 June	1741, 22 June	2210, 22 June
2	2319	You complete changing out your tow and get underway enroute Ark City Tank Storage (mile 554.0 AHP) to deliver the tank barges. What is the distance you must travel from Cairo Point Light?	606.8 miles	554.0 miles	399.8 miles	202.1 miles
3	1564	As you approach Dean Island Light (mile 754.8 AHP), which type of daymark will be observed at the light?	Green triangle	Red and green banded square	Green square daymark	Diamond-shaped green daymark
4	2320	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?	48.0 feet	53.2 feet	68.2 feet	116.0 feet
5	2076	What is the mile point of the Fulton Gage?	778 AHP	687 AHP	632 AHP	598 AHP
6	2321	At 2350 on 23 June, you are at mile 610.5 AHP when you see about a mile ahead lights on the water near the left bank. What might you see when you come abreast of these lights?	Privately maintained buoys at a yacht club	Government buoys marking the Hurricane Point dikes	Barges moored at the Dennis Landing Terminal	A pipeline discharging dredge spoil
7	1565	Which of the following statements concerning the buoys on the Mississippi River is TRUE?	The position of river buoys can be determined by consulting the latest Light List - Vol. V.	A preferred channel mark is a lateral mark indicating a channel junction which must always be passed to starboard.	Setting a buoy is the act of placing a buoy on assigned position in the water.	None of the above.
8	2322	At 1032 on 24 June, you pass Carolina Landing Light (mile 508.8 AHP). What has been the average current since 2350, 23 June, if you have been making turns for 9.0 mph?	0.5 mph	1.5 mph	5.7 mph	8.5 mph
9	1981	Where can scheduled broadcast times of river stages be found?	Sailing Directions	Light List	List of Lights	Coast Pilot
10	2392	Which company does NOT have a marine facility in Rosedale harbor (mile 585 AHP)?	Sanders Elevator Corp	Rosedale-Boliver County Port Commission	T.L. James	Cives Steel Company