



# BARGE "LB 8"

ULLAGE TRIM TABLE  
"8" HATCH"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
2 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 CENTER IS 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 164'-06"

June 26, 2017

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "LB 8"

ULLAGE TRIM TABLE  
"MMC VALVE"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 CENTER IS - 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 164'-06"

June 26, 2017

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# BARGE "LB 8"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,809.94	0	3,557.10	0	3,303.86	0	3,049.58	0	2,790.85	0	2,494.37	0	2,198.12	0	1,901.96
1/4		1/4		1/4	3,804.68	1/4	3,551.83	1/4	3,298.57	1/4	3,044.28	1/4	2,784.66	1/4	2,488.20	1/4	2,191.95	1/4	1,895.77
1/2		1/2		1/2	3,799.41	1/2	3,546.56	1/2	3,293.27	1/2	3,038.98	1/2	2,778.47	1/2	2,482.03	1/2	2,185.77	1/2	1,889.59
3/4		3/4		3/4	4,020.34	3/4	3,794.14	3/4	3,541.30	3/4	3,287.97	3/4	3,033.69	3/4	2,772.28	3/4	2,475.85	3/4	2,179.60
1		1		1	4,019.34	1	3,788.87	1	3,536.03	1	3,282.67	1	3,028.39	1	2,766.10	1	2,469.68	1	2,173.43
1/4		1/4		1/4	4,018.34	1/4	3,783.61	1/4	3,530.76	1/4	3,277.38	1/4	3,023.09	1/4	2,759.91	1/4	2,463.51	1/4	2,167.26
1/2		1/2		1/2	4,017.33	1/2	3,778.34	1/2	3,525.49	1/2	3,272.08	1/2	3,017.79	1/2	2,753.72	1/2	2,457.34	1/2	2,161.09
3/4		3/4		3/4	4,016.33	3/4	3,773.07	3/4	3,520.23	3/4	3,266.78	3/4	3,012.50	3/4	2,747.53	3/4	2,451.17	3/4	2,154.92
2		2		2	4,013.26	2	3,767.80	2	3,514.96	2	3,261.48	2	3,007.20	2	2,741.35	2	2,444.99	2	2,148.74
1/4		1/4		1/4	4,010.19	1/4	3,762.53	1/4	3,509.69	1/4	3,256.19	1/4	3,001.90	1/4	2,735.16	1/4	2,438.82	1/4	2,142.57
1/2		1/2		1/2	4,007.13	1/2	3,757.27	1/2	3,504.42	1/2	3,250.89	1/2	2,996.60	1/2	2,728.98	1/2	2,432.65	1/2	2,136.40
3/4		3/4		3/4	4,004.06	3/4	3,752.00	3/4	3,499.15	3/4	3,245.59	3/4	2,991.31	3/4	2,722.79	3/4	2,426.48	3/4	2,130.23
3		3		3	3,998.92	3	3,746.73	3	3,493.89	3	3,240.29	3	2,986.01	3	2,716.60	3	2,420.31	3	2,124.06
1/4		1/4		1/4	3,993.79	1/4	3,741.46	1/4	3,488.62	1/4	3,234.99	1/4	2,980.71	1/4	2,710.42	1/4	2,414.13	1/4	2,117.88
1/2		1/2		1/2	3,988.66	1/2	3,736.20	1/2	3,483.35	1/2	3,229.70	1/2	2,975.41	1/2	2,704.23	1/2	2,407.96	1/2	2,111.71
3/4		3/4		3/4	3,983.53	3/4	3,730.93	3/4	3,478.08	3/4	3,224.40	3/4	2,970.11	3/4	2,698.05	3/4	2,401.79	3/4	2,105.54
4		4		4	3,978.31	4	3,725.66	4	3,472.82	4	3,219.10	4	2,964.82	4	2,691.87	4	2,395.62	4	2,099.38
1/4		1/4		1/4	3,973.09	1/4	3,720.39	1/4	3,467.55	1/4	3,213.80	1/4	2,959.52	1/4	2,685.70	1/4	2,389.45	1/4	2,093.21
1/2		1/2		1/2	3,967.87	1/2	3,715.13	1/2	3,462.28	1/2	3,208.51	1/2	2,954.22	1/2	2,679.53	1/2	2,383.27	1/2	2,087.04
3/4		3/4		3/4	3,962.65	3/4	3,709.86	3/4	3,457.01	3/4	3,203.21	3/4	2,948.92	3/4	2,673.36	3/4	2,377.10	3/4	2,080.88
5		5		5	3,957.39	5	3,704.59	5	3,451.75	5	3,197.91	5	2,943.63	5	2,667.19	5	2,370.93	5	2,074.71
1/4		1/4		1/4	3,952.14	1/4	3,699.32	1/4	3,446.48	1/4	3,192.61	1/4	2,938.33	1/4	2,661.01	1/4	2,364.76	1/4	2,068.54
1/2		1/2		1/2	3,946.88	1/2	3,694.06	1/2	3,441.21	1/2	3,187.32	1/2	2,933.03	1/2	2,654.84	1/2	2,358.59	1/2	2,062.38
3/4		3/4		3/4	3,941.63	3/4	3,688.79	3/4	3,435.94	3/4	3,182.02	3/4	2,927.73	3/4	2,648.67	3/4	2,352.41	3/4	2,056.21
6		6		6	3,936.36	6	3,683.52	6	3,430.68	6	3,176.72	6	2,922.44	6	2,642.50	6	2,346.24	6	2,050.04
1/4		1/4		1/4	3,931.09	1/4	3,678.25	1/4	3,425.41	1/4	3,171.42	1/4	2,917.14	1/4	2,636.33	1/4	2,340.07	1/4	2,043.87
1/2		1/2		1/2	3,925.83	1/2	3,672.99	1/2	3,420.14	1/2	3,166.13	1/2	2,911.84	1/2	2,630.15	1/2	2,333.90	1/2	2,037.71
3/4		3/4		3/4	3,920.56	3/4	3,667.72	3/4	3,414.87	3/4	3,160.83	3/4	2,906.54	3/4	2,623.98	3/4	2,327.73	3/4	2,031.54
7		7		7	3,915.30	7	3,662.45	7	3,409.61	7	3,155.53	7	2,901.25	7	2,617.81	7	2,321.55	7	2,025.37
1/4		1/4		1/4	3,910.03	1/4	3,657.18	1/4	3,404.34	1/4	3,150.23	1/4	2,895.95	1/4	2,611.64	1/4	2,315.38	1/4	2,019.20
1/2		1/2		1/2	3,904.76	1/2	3,651.92	1/2	3,399.07	1/2	3,144.94	1/2	2,890.65	1/2	2,605.47	1/2	2,309.21	1/2	2,013.03
3/4		3/4		3/4	3,899.49	3/4	3,646.65	3/4	3,393.80	3/4	3,139.64	3/4	2,885.35	3/4	2,599.29	3/4	2,303.04	3/4	2,006.87
8		8		8	3,894.22	8	3,641.38	8	3,388.54	8	3,134.34	8	2,880.06	8	2,593.12	8	2,296.87	8	2,000.70
1/4		1/4		1/4	3,888.96	1/4	3,636.11	1/4	3,383.27	1/4	3,129.04	1/4	2,874.76	1/4	2,586.95	1/4	2,290.69	1/4	1,994.53
1/2		1/2		1/2	3,883.69	1/2	3,630.84	1/2	3,378.00	1/2	3,123.75	1/2	2,869.46	1/2	2,580.78	1/2	2,284.52	1/2	1,988.36
3/4		3/4		3/4	3,878.42	3/4	3,625.58	3/4	3,372.73	3/4	3,118.45	3/4	2,864.16	3/4	2,574.61	3/4	2,278.35	3/4	1,982.19
9		9		9	3,873.15	9	3,620.31	9	3,367.43	9	3,113.15	9	2,858.87	9	2,568.43	9	2,272.18	9	1,976.02
1/4		1/4		1/4	3,867.89	1/4	3,615.04	1/4	3,362.14	1/4	3,107.85	1/4	2,853.57	1/4	2,562.26	1/4	2,266.01	1/4	1,969.86
1/2		1/2		1/2	3,862.62	1/2	3,609.77	1/2	3,356.84	1/2	3,102.55	1/2	2,848.27	1/2	2,556.09	1/2	2,259.84	1/2	1,963.69
3/4		3/4		3/4	3,857.35	3/4	3,604.51	3/4	3,351.54	3/4	3,097.26	3/4	2,842.97	3/4	2,549.92	3/4	2,253.66	3/4	1,957.52
10		10		10	3,852.08	10	3,599.24	10	3,346.24	10	3,091.96	10	2,837.67	10	2,543.75	10	2,247.49	10	1,951.35
1/4		1/4		1/4	3,846.82	1/4	3,593.97	1/4	3,340.95	1/4	3,086.66	1/4	2,832.38	1/4	2,537.57	1/4	2,241.32	1/4	1,945.18
1/2		1/2		1/2	3,841.55	1/2	3,588.70	1/2	3,335.65	1/2	3,081.36	1/2	2,827.08	1/2	2,531.40	1/2	2,235.15	1/2	1,939.01
3/4		3/4		3/4	3,836.28	3/4	3,583.44	3/4	3,330.35	3/4	3,076.07	3/4	2,821.78	3/4	2,525.23	3/4	2,228.98	3/4	1,932.85
11		11		11	3,831.01	11	3,578.17	11	3,325.05	11	3,070.77	11	2,815.59	11	2,519.06	11	2,222.81	11	1,926.67
1/4		1/4		1/4	3,825.75	1/4	3,572.90	1/4	3,319.76	1/4	3,065.47	1/4	2,809.41	1/4	2,512.89	1/4	2,216.63	1/4	1,920.49
1/2		1/2		1/2	3,820.48	1/2	3,567.63	1/2	3,314.46	1/2	3,060.17	1/2	2,803.22	1/2	2,506.71	1/2	2,210.46	1/2	1,914.32
3/4		3/4		3/4	3,815.21	3/4	3,562.37	3/4	3,309.16	3/4	3,054.88	3/4	2,797.03	3/4	2,500.54	3/4	2,204.29	3/4	1,908.14

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE APPLIES TO ULLAGE GAUGES TAKEN AT "MMC" VALVE OR 8" HATCH.  
 GAUGE POINT: (MMC VALVE) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD.  
 GAUGE POINT: (8" HATCH) LOCATED ON CENTERLINE AND 28'-04" FORWARD OF AFT BULKHEAD.

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# BARGE "LB 8"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,605.29	0	1,308.88	0	1,012.15	0	721.41	0	426.17	0	129.70	0		0		0		0	
1/4	1,599.12	1/4	1,302.70	1/4	1,005.97	1/4	715.39	1/4	419.98	1/4	123.78	1/4		1/4		1/4		1/4	
1/2	1,592.95	1/2	1,296.52	1/2	999.79	1/2	709.38	1/2	413.80	1/2	117.86	1/2		1/2		1/2		1/2	
3/4	1,586.78	3/4	1,290.34	3/4	993.61	3/4	703.36	3/4	407.61	3/4	111.94	3/4		3/4		3/4		3/4	
1	1,580.61	1	1,284.15	1	987.43	1	697.18	1	401.42	1	106.27	1		1		1		1	
1/4	1,574.44	1/4	1,277.97	1/4	981.25	1/4	690.99	1/4	395.24	1/4	100.60	1/4		1/4		1/4		1/4	
1/2	1,568.27	1/2	1,271.79	1/2	975.06	1/2	684.80	1/2	389.05	1/2	94.93	1/2		1/2		1/2		1/2	
3/4	1,562.10	3/4	1,265.61	3/4	968.88	3/4	678.62	3/4	382.86	3/4	89.26	3/4		3/4		3/4		3/4	
2	1,555.93	2	1,259.43	2	962.70	2	672.51	2	376.68	2	83.38	2		2		2		2	
1/4	1,549.76	1/4	1,253.24	1/4	956.52	1/4	666.39	1/4	370.49	1/4	77.50	1/4		1/4		1/4		1/4	
1/2	1,543.59	1/2	1,247.06	1/2	950.34	1/2	660.28	1/2	364.31	1/2	71.62	1/2		1/2		1/2		1/2	
3/4	1,537.42	3/4	1,240.88	3/4	944.15	3/4	654.17	3/4	358.12	3/4	65.74	3/4		3/4		3/4		3/4	
3	1,531.25	3	1,234.70	3	938.12	3	648.05	3	351.93	3	59.67	3		3		3		3	
1/4	1,525.08	1/4	1,228.52	1/4	932.08	1/4	641.94	1/4	345.75	1/4	53.60	1/4		1/4		1/4		1/4	
1/2	1,518.91	1/2	1,222.34	1/2	926.04	1/2	635.83	1/2	339.56	1/2	47.53	1/2		1/2		1/2		1/2	
3/4	1,512.74	3/4	1,216.15	3/4	920.01	3/4	629.72	3/4	333.37	3/4	41.46	3/4		3/4		3/4		3/4	
4	1,506.57	4	1,209.97	4	913.97	4	623.61	4	327.19	4	36.30	4		4		4		4	
1/4	1,500.40	1/4	1,203.79	1/4	907.93	1/4	617.49	1/4	321.00	1/4	31.14	1/4		1/4		1/4		1/4	
1/2	1,494.23	1/2	1,197.61	1/2	901.89	1/2	611.38	1/2	314.81	1/2	25.99	1/2		1/2		1/2		1/2	
3/4	1,488.06	3/4	1,191.43	3/4	895.86	3/4	605.27	3/4	308.63	3/4	20.83	3/4		3/4		3/4		3/4	
5	1,481.89	5	1,185.24	5	889.84	5	599.16	5	302.44	5	17.73	5		5		5		5	
1/4	1,475.72	1/4	1,179.06	1/4	883.83	1/4	593.05	1/4	296.25	1/4	14.63	1/4		1/4		1/4		1/4	
1/2	1,469.55	1/2	1,172.88	1/2	877.81	1/2	586.94	1/2	290.07	1/2	11.53	1/2		1/2		1/2		1/2	
3/4	1,463.38	3/4	1,166.70	3/4	871.80	3/4	580.83	3/4	283.88	3/4	8.43	3/4		3/4		3/4		3/4	
6	1,457.21	6	1,160.52	6	865.78	6	574.64	6	277.69	6		6		6		6		6	
1/4	1,451.04	1/4	1,154.34	1/4	859.76	1/4	568.46	1/4	271.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,444.87	1/2	1,148.15	1/2	853.75	1/2	562.27	1/2	265.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,438.70	3/4	1,141.97	3/4	847.73	3/4	556.08	3/4	259.13	3/4		3/4		3/4		3/4		3/4	
7	1,432.52	7	1,135.79	7	841.72	7	549.90	7	252.95	7		7		7		7		7	
1/4	1,426.33	1/4	1,129.61	1/4	835.70	1/4	543.71	1/4	246.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,420.15	1/2	1,123.43	1/2	829.69	1/2	537.52	1/2	240.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,413.97	3/4	1,117.24	3/4	823.67	3/4	531.34	3/4	234.39	3/4		3/4		3/4		3/4		3/4	
8	1,407.79	8	1,111.06	8	817.66	8	525.15	8	228.20	8		8		8		8		8	
1/4	1,401.61	1/4	1,104.88	1/4	811.64	1/4	518.97	1/4	222.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,395.43	1/2	1,098.70	1/2	805.63	1/2	512.78	1/2	215.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,389.24	3/4	1,092.52	3/4	799.61	3/4	506.59	3/4	209.64	3/4		3/4		3/4		3/4		3/4	
9	1,383.06	9	1,086.34	9	793.59	9	500.41	9	203.46	9		9		9		9		9	
1/4	1,376.88	1/4	1,080.15	1/4	787.58	1/4	494.22	1/4	197.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,370.70	1/2	1,073.97	1/2	781.56	1/2	488.03	1/2	191.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,364.52	3/4	1,067.79	3/4	775.55	3/4	481.85	3/4	184.94	3/4		3/4		3/4		3/4		3/4	
10	1,358.34	10	1,061.61	10	769.53	10	475.66	10	178.78	10		10		10		10		10	
1/4	1,352.15	1/4	1,055.43	1/4	763.52	1/4	469.47	1/4	172.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,345.97	1/2	1,049.24	1/2	757.50	1/2	463.29	1/2	166.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,339.79	3/4	1,043.06	3/4	751.49	3/4	457.10	3/4	160.29	3/4		3/4		3/4		3/4		3/4	
11	1,333.61	11	1,036.88	11	745.47	11	450.91	11	154.13	11		11		11		11		11	
1/4	1,327.43	1/4	1,030.70	1/4	739.45	1/4	444.73	1/4	147.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,321.24	1/2	1,024.52	1/2	733.44	1/2	438.54	1/2	141.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,315.06	3/4	1,018.34	3/4	727.42	3/4	432.36	3/4	135.62	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/26/2017 CL  
CALCULATED: 06/27/2017 CL  
PRINTED: 07/05/2017 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "LB 8"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,526.34	0	3,263.31	0	3,000.29	0	2,737.26	0	2,474.24	0	2,211.21	0	1,948.18	0	1,685.16
1/4		1/4		1/4	3,520.86	1/4	3,257.83	1/4	2,994.81	1/4	2,731.78	1/4	2,468.76	1/4	2,205.73	1/4	1,942.70	1/4	1,679.68
1/2		1/2		1/2	3,515.38	1/2	3,252.35	1/2	2,989.33	1/2	2,726.30	1/2	2,463.28	1/2	2,200.25	1/2	1,937.22	1/2	1,674.20
3/4		3/4	3,739.83	3/4	3,509.90	3/4	3,246.87	3/4	2,983.85	3/4	2,720.82	3/4	2,457.80	3/4	2,194.77	3/4	1,931.74	3/4	1,668.72
1		1	3,738.92	1	3,504.42	1	3,241.39	1	2,978.37	1	2,715.34	1	2,452.32	1	2,189.29	1	1,926.27	1	1,663.24
1/4		1/4	3,738.00	1/4	3,498.94	1/4	3,235.91	1/4	2,972.89	1/4	2,709.86	1/4	2,446.84	1/4	2,183.81	1/4	1,920.79	1/4	1,657.76
1/2		1/2	3,737.09	1/2	3,493.46	1/2	3,230.43	1/2	2,967.41	1/2	2,704.38	1/2	2,441.36	1/2	2,178.33	1/2	1,915.31	1/2	1,652.28
3/4		3/4	3,736.18	3/4	3,487.98	3/4	3,224.95	3/4	2,961.93	3/4	2,698.90	3/4	2,435.88	3/4	2,172.85	3/4	1,909.83	3/4	1,646.80
2		2	3,733.44	2	3,482.50	2	3,219.47	2	2,956.45	2	2,693.42	2	2,430.40	2	2,167.37	2	1,904.35	2	1,641.32
1/4		1/4	3,730.70	1/4	3,477.02	1/4	3,213.99	1/4	2,950.97	1/4	2,687.94	1/4	2,424.92	1/4	2,161.89	1/4	1,898.87	1/4	1,635.84
1/2		1/2	3,727.96	1/2	3,471.54	1/2	3,208.51	1/2	2,945.49	1/2	2,682.46	1/2	2,419.44	1/2	2,156.41	1/2	1,893.39	1/2	1,630.36
3/4		3/4	3,725.22	3/4	3,466.06	3/4	3,203.04	3/4	2,940.01	3/4	2,676.98	3/4	2,413.96	3/4	2,150.93	3/4	1,887.91	3/4	1,624.88
3		3	3,720.65	3	3,460.58	3	3,197.56	3	2,934.53	3	2,671.50	3	2,408.48	3	2,145.45	3	1,882.43	3	1,619.40
1/4		1/4	3,716.09	1/4	3,455.10	1/4	3,192.08	1/4	2,929.05	1/4	2,666.02	1/4	2,403.00	1/4	2,139.97	1/4	1,876.95	1/4	1,613.92
1/2		1/2	3,711.52	1/2	3,449.62	1/2	3,186.60	1/2	2,923.57	1/2	2,660.54	1/2	2,397.52	1/2	2,134.49	1/2	1,871.47	1/2	1,608.44
3/4		3/4	3,706.96	3/4	3,444.14	3/4	3,181.12	3/4	2,918.09	3/4	2,655.07	3/4	2,392.04	3/4	2,129.01	3/4	1,865.99	3/4	1,602.96
4		4	3,701.52	4	3,438.66	4	3,175.64	4	2,912.61	4	2,649.59	4	2,386.56	4	2,123.53	4	1,860.51	4	1,597.48
1/4		1/4	3,696.09	1/4	3,433.18	1/4	3,170.16	1/4	2,907.13	1/4	2,644.11	1/4	2,381.08	1/4	2,118.05	1/4	1,855.03	1/4	1,592.00
1/2		1/2	3,690.65	1/2	3,427.70	1/2	3,164.68	1/2	2,901.65	1/2	2,638.63	1/2	2,375.60	1/2	2,112.57	1/2	1,849.55	1/2	1,586.52
3/4		3/4	3,685.22	3/4	3,422.22	3/4	3,159.20	3/4	2,896.17	3/4	2,633.15	3/4	2,370.12	3/4	2,107.10	3/4	1,844.07	3/4	1,581.04
5		5	3,679.75	5	3,416.74	5	3,153.72	5	2,890.69	5	2,627.67	5	2,364.64	5	2,101.62	5	1,838.59	5	1,575.56
1/4		1/4	3,674.28	1/4	3,411.26	1/4	3,148.24	1/4	2,885.21	1/4	2,622.19	1/4	2,359.16	1/4	2,096.14	1/4	1,833.11	1/4	1,570.08
1/2		1/2	3,668.82	1/2	3,405.78	1/2	3,142.76	1/2	2,879.73	1/2	2,616.71	1/2	2,353.68	1/2	2,090.66	1/2	1,827.63	1/2	1,564.60
3/4		3/4	3,663.35	3/4	3,400.30	3/4	3,137.28	3/4	2,874.25	3/4	2,611.23	3/4	2,348.20	3/4	2,085.18	3/4	1,822.15	3/4	1,559.13
6		6	3,657.86	6	3,394.82	6	3,131.80	6	2,868.77	6	2,605.75	6	2,342.72	6	2,079.70	6	1,816.67	6	1,553.65
1/4		1/4	3,652.38	1/4	3,389.35	1/4	3,126.32	1/4	2,863.29	1/4	2,600.27	1/4	2,337.24	1/4	2,074.22	1/4	1,811.19	1/4	1,548.17
1/2		1/2	3,646.90	1/2	3,383.87	1/2	3,120.84	1/2	2,857.81	1/2	2,594.79	1/2	2,331.76	1/2	2,068.74	1/2	1,805.71	1/2	1,542.69
3/4		3/4	3,641.41	3/4	3,378.39	3/4	3,115.36	3/4	2,852.33	3/4	2,589.31	3/4	2,326.28	3/4	2,063.26	3/4	1,800.23	3/4	1,537.21
7		7	3,635.93	7	3,372.91	7	3,109.88	7	2,846.85	7	2,583.83	7	2,320.80	7	2,057.78	7	1,794.75	7	1,531.73
1/4		1/4	3,630.45	1/4	3,367.43	1/4	3,104.40	1/4	2,841.38	1/4	2,578.35	1/4	2,315.32	1/4	2,052.30	1/4	1,789.27	1/4	1,526.25
1/2		1/2	3,624.97	1/2	3,361.95	1/2	3,098.92	1/2	2,835.90	1/2	2,572.87	1/2	2,309.84	1/2	2,046.82	1/2	1,783.79	1/2	1,520.77
3/4		3/4	3,619.49	3/4	3,356.47	3/4	3,093.44	3/4	2,830.42	3/4	2,567.39	3/4	2,304.36	3/4	2,041.34	3/4	1,778.31	3/4	1,515.29
8		8	3,614.01	8	3,350.99	8	3,087.96	8	2,824.94	8	2,561.91	8	2,298.88	8	2,035.86	8	1,772.83	8	1,509.81
1/4		1/4	3,608.53	1/4	3,345.51	1/4	3,082.48	1/4	2,819.46	1/4	2,556.43	1/4	2,293.41	1/4	2,030.38	1/4	1,767.35	1/4	1,504.33
1/2		1/2	3,603.05	1/2	3,340.03	1/2	3,077.00	1/2	2,813.98	1/2	2,550.95	1/2	2,287.93	1/2	2,024.90	1/2	1,761.87	1/2	1,498.85
3/4		3/4	3,597.57	3/4	3,334.55	3/4	3,071.52	3/4	2,808.50	3/4	2,545.47	3/4	2,282.45	3/4	2,019.42	3/4	1,756.39	3/4	1,493.37
9		9	3,592.09	9	3,329.07	9	3,066.04	9	2,803.02	9	2,539.99	9	2,276.97	9	2,013.94	9	1,750.91	9	1,487.89
1/4		1/4	3,586.61	1/4	3,323.59	1/4	3,060.56	1/4	2,797.54	1/4	2,534.51	1/4	2,271.49	1/4	2,008.46	1/4	1,745.44	1/4	1,482.41
1/2		1/2	3,581.13	1/2	3,318.11	1/2	3,055.08	1/2	2,792.06	1/2	2,529.03	1/2	2,266.01	1/2	2,002.98	1/2	1,739.96	1/2	1,476.93
3/4		3/4	3,575.65	3/4	3,312.63	3/4	3,049.60	3/4	2,786.58	3/4	2,523.55	3/4	2,260.53	3/4	1,997.50	3/4	1,734.48	3/4	1,471.45
10		10	3,570.18	10	3,307.15	10	3,044.12	10	2,781.10	10	2,518.07	10	2,255.05	10	1,992.02	10	1,729.00	10	1,465.97
1/4		1/4	3,564.70	1/4	3,301.67	1/4	3,038.64	1/4	2,775.62	1/4	2,512.59	1/4	2,249.57	1/4	1,986.54	1/4	1,723.52	1/4	1,460.49
1/2		1/2	3,559.22	1/2	3,296.19	1/2	3,033.16	1/2	2,770.14	1/2	2,507.11	1/2	2,244.09	1/2	1,981.06	1/2	1,718.04	1/2	1,455.01
3/4		3/4	3,553.74	3/4	3,290.71	3/4	3,027.68	3/4	2,764.66	3/4	2,501.63	3/4	2,238.61	3/4	1,975.58	3/4	1,712.56	3/4	1,449.53
11		11	3,548.26	11	3,285.23	11	3,022.21	11	2,759.18	11	2,496.15	11	2,233.13	11	1,970.10	11	1,707.08	11	1,444.05
1/4		1/4	3,542.78	1/4	3,279.75	1/4	3,016.73	1/4	2,753.70	1/4	2,490.67	1/4	2,227.65	1/4	1,964.62	1/4	1,701.60	1/4	1,438.57
1/2		1/2	3,537.30	1/2	3,274.27	1/2	3,011.25	1/2	2,748.22	1/2	2,485.19	1/2	2,222.17	1/2	1,959.14	1/2	1,696.12	1/2	1,433.09
3/4		3/4	3,531.82	3/4	3,268.79	3/4	3,005.77	3/4	2,742.74	3/4	2,479.71	3/4	2,216.69	3/4	1,953.66	3/4	1,690.64	3/4	1,427.61

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE APPLIES TO ULLAGE GAUGES TAKEN AT "MMC" VALVE OR 8" HATCH.  
 GAUGE POINT: (MMC VALVE) LOCATED ON CENTERLINE AND 28'-00" FORWARD OF AFT BULKHEAD.  
 GAUGE POINT: (8" HATCH) LOCATED ON CENTERLINE AND 25'-04" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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<http://www.pmacorp.net>



# BARGE "LB 8"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,422.13	0	1,159.11	0	896.08	0	639.27	0	377.91	0	114.92	0		0		0		0	
1/4	1,416.65	1/4	1,153.63	1/4	890.60	1/4	633.96	1/4	372.43	1/4	109.46	1/4		1/4		1/4		1/4	
1/2	1,411.17	1/2	1,148.15	1/2	885.12	1/2	628.55	1/2	366.95	1/2	103.99	1/2		1/2		1/2		1/2	
3/4	1,405.69	3/4	1,142.67	3/4	879.64	3/4	623.34	3/4	361.47	3/4	98.53	3/4		3/4		3/4		3/4	
1	1,400.21	1	1,137.19	1	874.16	1	617.86	1	355.99	1	93.09	1		1		1		1	
1/4	1,394.73	1/4	1,131.71	1/4	868.68	1/4	612.38	1/4	350.51	1/4	87.64	1/4		1/4		1/4		1/4	
1/2	1,389.25	1/2	1,126.23	1/2	863.20	1/2	606.90	1/2	345.03	1/2	82.20	1/2		1/2		1/2		1/2	
3/4	1,383.77	3/4	1,120.75	3/4	857.72	3/4	601.42	3/4	339.55	3/4	76.75	3/4		3/4		3/4		3/4	
2	1,378.30	2	1,115.27	2	852.24	2	596.01	2	334.07	2	71.33	2		2		2		2	
1/4	1,372.82	1/4	1,109.79	1/4	846.76	1/4	590.60	1/4	328.59	1/4	65.92	1/4		1/4		1/4		1/4	
1/2	1,367.34	1/2	1,104.31	1/2	841.28	1/2	585.20	1/2	323.11	1/2	60.50	1/2		1/2		1/2		1/2	
3/4	1,361.86	3/4	1,098.83	3/4	835.80	3/4	579.79	3/4	317.63	3/4	55.08	3/4		3/4		3/4		3/4	
3	1,356.38	3	1,093.35	3	830.49	3	574.38	3	312.15	3	49.72	3		3		3		3	
1/4	1,350.90	1/4	1,087.87	1/4	825.18	1/4	568.97	1/4	306.67	1/4	44.35	1/4		1/4		1/4		1/4	
1/2	1,345.42	1/2	1,082.39	1/2	819.87	1/2	563.57	1/2	301.19	1/2	38.99	1/2		1/2		1/2		1/2	
3/4	1,339.94	3/4	1,076.91	3/4	814.56	3/4	558.16	3/4	295.71	3/4	33.62	3/4		3/4		3/4		3/4	
4	1,334.46	4	1,071.43	4	809.25	4	552.75	4	290.23	4	29.06	4		4		4		4	
1/4	1,328.98	1/4	1,065.95	1/4	803.93	1/4	547.35	1/4	284.75	1/4	24.50	1/4		1/4		1/4		1/4	
1/2	1,323.50	1/2	1,060.47	1/2	798.62	1/2	541.94	1/2	279.27	1/2	19.94	1/2		1/2		1/2		1/2	
3/4	1,318.02	3/4	1,054.99	3/4	793.31	3/4	536.53	3/4	273.79	3/4	15.39	3/4		3/4		3/4		3/4	
5	1,312.54	5	1,049.51	5	788.00	5	531.12	5	268.31	5	12.65	5		5		5		5	
1/4	1,307.06	1/4	1,044.03	1/4	782.69	1/4	525.72	1/4	262.83	1/4	9.91	1/4		1/4		1/4		1/4	
1/2	1,301.58	1/2	1,038.55	1/2	777.38	1/2	520.31	1/2	257.35	1/2	7.17	1/2		1/2		1/2		1/2	
3/4	1,296.10	3/4	1,033.07	3/4	772.06	3/4	514.90	3/4	251.87	3/4	4.43	3/4		3/4		3/4		3/4	
6	1,290.62	6	1,027.59	6	766.75	6	509.42	6	246.39	6		6		6		6		6	
1/4	1,285.14	1/4	1,022.11	1/4	761.44	1/4	503.94	1/4	240.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,279.66	1/2	1,016.63	1/2	756.13	1/2	498.46	1/2	235.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,274.18	3/4	1,011.16	3/4	750.82	3/4	492.98	3/4	229.95	3/4		3/4		3/4		3/4		3/4	
7	1,268.70	7	1,005.68	7	745.51	7	487.50	7	224.47	7		7		7		7		7	
1/4	1,263.22	1/4	1,000.20	1/4	740.19	1/4	482.02	1/4	218.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,257.74	1/2	994.72	1/2	734.88	1/2	476.54	1/2	213.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,252.26	3/4	989.24	3/4	729.57	3/4	471.06	3/4	208.03	3/4		3/4		3/4		3/4		3/4	
8	1,246.78	8	983.76	8	724.26	8	465.59	8	202.55	8		8		8		8		8	
1/4	1,241.30	1/4	978.28	1/4	718.95	1/4	460.11	1/4	197.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,235.82	1/2	972.80	1/2	713.64	1/2	454.63	1/2	191.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,230.34	3/4	967.32	3/4	708.32	3/4	449.15	3/4	186.12	3/4		3/4		3/4		3/4		3/4	
9	1,224.86	9	961.84	9	703.01	9	443.67	9	180.64	9		9		9		9		9	
1/4	1,219.38	1/4	956.36	1/4	697.70	1/4	438.19	1/4	175.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,213.90	1/2	950.88	1/2	692.39	1/2	432.71	1/2	169.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,208.42	3/4	945.40	3/4	687.08	3/4	427.23	3/4	164.20	3/4		3/4		3/4		3/4		3/4	
10	1,202.94	10	939.92	10	681.77	10	421.75	10	158.72	10		10		10		10		10	
1/4	1,197.47	1/4	934.44	1/4	676.45	1/4	416.27	1/4	153.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,191.99	1/2	928.96	1/2	671.14	1/2	410.79	1/2	147.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,186.51	3/4	923.48	3/4	665.83	3/4	405.31	3/4	142.28	3/4		3/4		3/4		3/4		3/4	
11	1,181.03	11	918.00	11	660.52	11	399.83	11	136.81	11		11		11		11		11	
1/4	1,175.55	1/4	912.52	1/4	655.21	1/4	394.35	1/4	131.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,170.07	1/2	907.04	1/2	649.90	1/2	388.87	1/2	125.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,164.59	3/4	901.56	3/4	644.58	3/4	383.39	3/4	120.38	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/26/2017 CL  
CALCULATED: 06/27/2017 CL  
PRINTED: 07/05/2017 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "LB 8"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,502.75	0	3,243.48	0	2,983.88	0	2,723.15	0	2,462.43	0	2,201.70	0	1,940.98	0	1,680.25
1/4		1/4		1/4	3,497.35	1/4	3,238.08	1/4	2,978.45	1/4	2,717.72	1/4	2,457.00	1/4	2,196.27	1/4	1,935.54	1/4	1,674.82
1/2		1/2		1/2	3,491.95	1/2	3,232.68	1/2	2,973.02	1/2	2,712.29	1/2	2,451.56	1/2	2,190.84	1/2	1,930.11	1/2	1,669.39
3/4		3/4		3/4	3,486.55	3/4	3,227.28	3/4	2,967.59	3/4	2,706.86	3/4	2,446.13	3/4	2,185.41	3/4	1,924.68	3/4	1,663.95
1		1		1	3,481.14	1	3,221.88	1	2,962.15	1	2,701.43	1	2,440.70	1	2,179.97	1	1,919.25	1	1,658.52
1/4		1/4		1/4	3,702.53	1/4	3,475.74	1/4	2,956.72	1/4	2,696.00	1/4	2,435.27	1/4	2,174.54	1/4	1,913.82	1/4	1,653.09
1/2		1/2		1/2	3,701.63	1/2	3,470.34	1/2	2,951.29	1/2	2,690.56	1/2	2,429.84	1/2	2,169.11	1/2	1,908.38	1/2	1,647.66
3/4		3/4		3/4	3,700.72	3/4	3,464.94	3/4	2,945.86	3/4	2,685.13	3/4	2,424.41	3/4	2,163.68	3/4	1,902.95	3/4	1,642.23
2		2		2	3,699.82	2	3,459.54	2	2,940.43	2	2,679.70	2	2,418.97	2	2,158.25	2	1,897.52	2	1,636.79
1/4		1/4		1/4	3,698.91	1/4	3,454.14	1/4	2,934.99	1/4	2,674.27	1/4	2,413.54	1/4	2,152.82	1/4	1,892.09	1/4	1,631.36
1/2		1/2		1/2	3,696.20	1/2	3,448.74	1/2	2,929.56	1/2	2,668.84	1/2	2,408.11	1/2	2,147.38	1/2	1,886.66	1/2	1,625.93
3/4		3/4		3/4	3,693.48	3/4	3,443.33	3/4	2,924.13	3/4	2,663.40	3/4	2,402.68	3/4	2,141.95	3/4	1,881.23	3/4	1,620.50
3		3		3	3,690.76	3	3,437.93	3	2,918.70	3	2,657.97	3	2,397.25	3	2,136.52	3	1,875.79	3	1,615.07
1/4		1/4		1/4	3,688.05	1/4	3,432.53	1/4	2,913.27	1/4	2,652.54	1/4	2,391.81	1/4	2,131.09	1/4	1,870.36	1/4	1,609.64
1/2		1/2		1/2	3,683.52	1/2	3,427.13	1/2	2,907.84	1/2	2,647.11	1/2	2,386.38	1/2	2,125.66	1/2	1,864.93	1/2	1,604.20
3/4		3/4		3/4	3,679.00	3/4	3,421.73	3/4	2,902.40	3/4	2,641.68	3/4	2,380.95	3/4	2,120.22	3/4	1,859.50	3/4	1,598.77
4		4		4	3,674.48	4	3,416.33	4	2,896.97	4	2,636.25	4	2,375.52	4	2,114.79	4	1,854.07	4	1,593.34
1/4		1/4		1/4	3,669.95	1/4	3,410.93	1/4	2,891.54	1/4	2,630.81	1/4	2,370.09	1/4	2,109.36	1/4	1,848.63	1/4	1,587.91
1/2		1/2		1/2	3,664.59	1/2	3,405.52	1/2	2,886.11	1/2	2,625.38	1/2	2,364.66	1/2	2,103.93	1/2	1,843.20	1/2	1,582.48
3/4		3/4		3/4	3,659.24	3/4	3,400.12	3/4	2,880.68	3/4	2,619.95	3/4	2,359.22	3/4	2,098.50	3/4	1,837.77	3/4	1,577.04
5		5		5	3,653.88	5	3,394.72	5	2,875.24	5	2,614.52	5	2,353.79	5	2,093.07	5	1,832.34	5	1,571.61
1/4		1/4		1/4	3,648.52	1/4	3,389.32	1/4	2,869.81	1/4	2,609.09	1/4	2,348.36	1/4	2,087.63	1/4	1,826.91	1/4	1,566.18
1/2		1/2		1/2	3,643.13	1/2	3,383.92	1/2	2,864.38	1/2	2,603.65	1/2	2,342.93	1/2	2,082.20	1/2	1,821.48	1/2	1,560.75
3/4		3/4		3/4	3,637.74	3/4	3,378.52	3/4	2,858.95	3/4	2,598.22	3/4	2,337.50	3/4	2,076.77	3/4	1,816.04	3/4	1,555.32
6		6		6	3,632.35	6	3,373.12	6	2,853.52	6	2,592.79	6	2,332.06	6	2,071.34	6	1,810.61	6	1,549.89
1/4		1/4		1/4	3,626.96	1/4	3,367.71	1/4	2,848.09	1/4	2,587.36	1/4	2,326.63	1/4	2,065.91	1/4	1,805.18	1/4	1,544.45
1/2		1/2		1/2	3,621.57	1/2	3,362.31	1/2	2,842.65	1/2	2,581.93	1/2	2,321.20	1/2	2,060.47	1/2	1,799.75	1/2	1,539.02
3/4		3/4		3/4	3,616.17	3/4	3,356.91	3/4	2,837.22	3/4	2,576.50	3/4	2,315.77	3/4	2,055.04	3/4	1,794.32	3/4	1,533.59
7		7		7	3,610.77	7	3,351.51	7	2,831.79	7	2,571.06	7	2,310.34	7	2,049.61	7	1,788.88	7	1,528.16
1/4		1/4		1/4	3,605.38	1/4	3,346.11	1/4	2,826.36	1/4	2,565.63	1/4	2,304.91	1/4	2,044.18	1/4	1,783.45	1/4	1,522.73
1/2		1/2		1/2	3,599.97	1/2	3,340.71	1/2	2,820.93	1/2	2,560.20	1/2	2,299.47	1/2	2,038.75	1/2	1,778.02	1/2	1,517.29
3/4		3/4		3/4	3,594.57	3/4	3,335.31	3/4	2,815.49	3/4	2,554.77	3/4	2,294.04	3/4	2,033.32	3/4	1,772.59	3/4	1,511.86
8		8		8	3,589.17	8	3,329.90	8	2,810.06	8	2,549.34	8	2,288.61	8	2,027.88	8	1,767.16	8	1,506.43
1/4		1/4		1/4	3,583.77	1/4	3,324.50	1/4	2,804.63	1/4	2,543.90	1/4	2,283.18	1/4	2,022.45	1/4	1,761.73	1/4	1,501.00
1/2		1/2		1/2	3,578.37	1/2	3,319.10	1/2	2,799.20	1/2	2,538.47	1/2	2,277.75	1/2	2,017.02	1/2	1,756.29	1/2	1,495.57
3/4		3/4		3/4	3,572.97	3/4	3,313.70	3/4	2,793.77	3/4	2,533.04	3/4	2,272.31	3/4	2,011.59	3/4	1,750.86	3/4	1,490.14
9		9		9	3,567.57	9	3,308.30	9	2,788.34	9	2,527.61	9	2,266.88	9	2,006.16	9	1,745.43	9	1,484.70
1/4		1/4		1/4	3,562.16	1/4	3,302.90	1/4	2,782.90	1/4	2,522.18	1/4	2,261.45	1/4	2,000.72	1/4	1,740.00	1/4	1,479.27
1/2		1/2		1/2	3,556.76	1/2	3,297.50	1/2	2,777.47	1/2	2,516.75	1/2	2,256.02	1/2	1,995.29	1/2	1,734.57	1/2	1,473.84
3/4		3/4		3/4	3,551.36	3/4	3,292.09	3/4	2,772.04	3/4	2,511.31	3/4	2,250.59	3/4	1,989.86	3/4	1,729.13	3/4	1,468.41
10		10		10	3,545.96	10	3,286.69	10	2,766.61	10	2,505.88	10	2,245.16	10	1,984.43	10	1,723.70	10	1,462.98
1/4		1/4		1/4	3,540.56	1/4	3,281.29	1/4	2,761.18	1/4	2,500.45	1/4	2,239.72	1/4	1,979.00	1/4	1,718.27	1/4	1,457.54
1/2		1/2		1/2	3,535.16	1/2	3,275.89	1/2	2,755.74	1/2	2,495.02	1/2	2,234.29	1/2	1,973.57	1/2	1,712.84	1/2	1,452.11
3/4		3/4		3/4	3,529.76	3/4	3,270.49	3/4	2,750.31	3/4	2,489.59	3/4	2,228.86	3/4	1,968.13	3/4	1,707.41	3/4	1,446.68
11		11		11	3,524.36	11	3,265.09	11	2,744.88	11	2,484.16	11	2,223.43	11	1,962.70	11	1,701.98	11	1,441.25
1/4		1/4		1/4	3,518.95	1/4	3,259.69	1/4	2,739.45	1/4	2,478.72	1/4	2,218.00	1/4	1,957.27	1/4	1,696.54	1/4	1,435.82
1/2		1/2		1/2	3,513.55	1/2	3,254.28	1/2	2,734.02	1/2	2,473.29	1/2	2,212.57	1/2	1,951.84	1/2	1,691.11	1/2	1,430.39
3/4		3/4		3/4	3,508.15	3/4	3,248.88	3/4	2,728.59	3/4	2,467.86	3/4	2,207.13	3/4	1,946.41	3/4	1,685.68	3/4	1,424.95

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE APPLIES TO ULLAGE GAUGES TAKEN AT "MMC" VALVE OR 8" HATCH.  
 GAUGE POINT: (MMC VALVE) LOCATED ON CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD.  
 GAUGE POINT: (8" HATCH) LOCATED ON CENTERLINE AND 24'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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 Pearland, Texas 77588  
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# BARGE "LB 8"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,419.52	0	1,158.80	0	898.07	0	637.92	0	378.31	0	117.78	0		0		0		0	
1/4	1,414.09	1/4	1,153.36	1/4	892.64	1/4	632.50	1/4	372.87	1/4	112.38	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,408.66	1/2	1,147.93	1/2	887.21	1/2	627.09	1/2	367.44	1/2	107.41	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,403.23	3/4	1,142.50	3/4	881.77	3/4	621.68	3/4	362.01	3/4	102.43	3/4		3/4	3/4	3/4		3/4	3/4
1	1,397.80	1	1,137.07	1	876.34	1	616.26	1	356.58	1	97.46	1		1		1		1	
1/4	1,392.36	1/4	1,131.64	1/4	870.91	1/4	610.85	1/4	351.15	1/4	92.49	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,386.93	1/2	1,126.21	1/2	865.48	1/2	605.42	1/2	345.71	1/2	87.95	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,381.50	3/4	1,120.77	3/4	860.05	3/4	599.98	3/4	340.28	3/4	83.42	3/4		3/4	3/4	3/4		3/4	3/4
2	1,376.07	2	1,115.34	2	854.62	2	594.55	2	334.85	2	78.89	2		2		2		2	
1/4	1,370.64	1/4	1,109.91	1/4	849.18	1/4	589.12	1/4	329.42	1/4	74.35	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,365.20	1/2	1,104.48	1/2	843.75	1/2	583.75	1/2	323.99	1/2	69.42	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,359.77	3/4	1,099.05	3/4	838.32	3/4	578.39	3/4	318.55	3/4	64.48	3/4		3/4	3/4	3/4		3/4	3/4
3	1,354.34	3	1,093.61	3	832.89	3	573.02	3	313.12	3	59.54	3		3		3		3	
1/4	1,348.91	1/4	1,088.18	1/4	827.46	1/4	567.65	1/4	307.69	1/4	54.61	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,343.48	1/2	1,082.75	1/2	822.04	1/2	562.29	1/2	302.26	1/2	49.29	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,338.05	3/4	1,077.32	3/4	816.62	3/4	556.92	3/4	296.83	3/4	43.97	3/4		3/4	3/4	3/4		3/4	3/4
4	1,332.61	4	1,071.89	4	811.20	4	551.55	4	291.39	4	38.65	4		4		4		4	
1/4	1,327.18	1/4	1,066.46	1/4	805.78	1/4	546.18	1/4	285.96	1/4	33.33	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,321.75	1/2	1,061.02	1/2	800.36	1/2	540.82	1/2	280.53	1/2	28.81	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,316.32	3/4	1,055.59	3/4	794.94	3/4	535.45	3/4	275.10	3/4	24.29	3/4		3/4	3/4	3/4		3/4	3/4
5	1,310.89	5	1,050.16	5	789.52	5	530.08	5	269.66	5	19.77	5		5		5		5	
1/4	1,305.45	1/4	1,044.73	1/4	784.10	1/4	524.71	1/4	264.23	1/4	15.25	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,300.02	1/2	1,039.30	1/2	778.69	1/2	519.35	1/2	258.80	1/2	12.54	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,294.59	3/4	1,033.86	3/4	773.27	3/4	513.98	3/4	253.37	3/4	9.82	3/4		3/4	3/4	3/4		3/4	3/4
6	1,289.16	6	1,028.43	6	767.86	6	508.61	6	247.94	6	7.10	6		6		6		6	
1/4	1,283.73	1/4	1,023.00	1/4	762.45	1/4	503.25	1/4	242.50	1/4	4.39	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,278.30	1/2	1,017.57	1/2	757.03	1/2	497.81	1/2	237.07	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,272.86	3/4	1,012.14	3/4	751.62	3/4	492.38	3/4	231.64	3/4		3/4		3/4	3/4	3/4		3/4	3/4
7	1,267.43	7	1,006.71	7	746.20	7	486.95	7	226.21	7		7		7		7		7	
1/4	1,262.00	1/4	1,001.27	1/4	740.79	1/4	481.52	1/4	220.78	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,256.57	1/2	995.84	1/2	735.37	1/2	476.08	1/2	215.34	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,251.14	3/4	990.41	3/4	729.96	3/4	470.65	3/4	209.91	3/4		3/4		3/4	3/4	3/4		3/4	3/4
8	1,245.70	8	984.98	8	724.55	8	465.22	8	204.48	8		8		8		8		8	
1/4	1,240.27	1/4	979.55	1/4	719.13	1/4	459.79	1/4	199.05	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,234.84	1/2	974.11	1/2	713.72	1/2	454.36	1/2	193.62	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,229.41	3/4	968.68	3/4	708.30	3/4	448.92	3/4	188.18	3/4		3/4		3/4	3/4	3/4		3/4	3/4
9	1,223.98	9	963.25	9	702.89	9	443.49	9	182.75	9		9		9		9		9	
1/4	1,218.55	1/4	957.82	1/4	697.48	1/4	438.06	1/4	177.32	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,213.11	1/2	952.39	1/2	692.06	1/2	432.63	1/2	171.90	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,207.68	3/4	946.96	3/4	686.65	3/4	427.20	3/4	166.48	3/4		3/4		3/4	3/4	3/4		3/4	3/4
10	1,202.25	10	941.52	10	681.23	10	421.76	10	161.06	10		10		10		10		10	
1/4	1,196.82	1/4	936.09	1/4	675.82	1/4	416.33	1/4	155.63	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,191.39	1/2	930.66	1/2	670.40	1/2	410.90	1/2	150.23	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,185.95	3/4	925.23	3/4	664.99	3/4	405.47	3/4	144.82	3/4		3/4		3/4	3/4	3/4		3/4	3/4
11	1,180.52	11	919.80	11	659.58	11	400.04	11	139.41	11		11		11		11		11	
1/4	1,175.09	1/4	914.36	1/4	654.16	1/4	394.60	1/4	134.00	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,169.66	1/2	908.93	1/2	648.75	1/2	389.17	1/2	128.59	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,164.23	3/4	903.50	3/4	643.33	3/4	383.74	3/4	123.19	3/4		3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/26/2017 CL  
CALCULATED: 06/27/2017 CL  
PRINTED: 07/05/2017 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2017

PRECISION MEASUREMENT  
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