



BARGE "LB 7"

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 7"

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 7"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/2"

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	3,804.68	0	3,551.83	0	3,298.57	0	3,044.28	0	2,784.66	0	2,488.20	0	2,191.95	0	1,895.77
1/4		1/4		1/4	3,799.41	1/4	3,546.56	1/4	3,293.27	1/4	3,038.98	1/4	2,778.47	1/4	2,482.03	1/4	2,185.77	1/4	1,889.59
1/2		1/2		1/2	4,020.34	1/2	3,794.14	1/2	3,287.97	1/2	3,033.69	1/2	2,772.28	1/2	2,475.85	1/2	2,179.60	1/2	1,883.40
3/4		3/4		3/4	4,019.34	3/4	3,788.87	3/4	3,282.67	3/4	3,028.39	3/4	2,766.10	3/4	2,469.68	3/4	2,173.43	3/4	1,877.22
1		1		1	4,018.34	1	3,783.61	1	3,277.38	1	3,023.09	1	2,759.91	1	2,463.51	1	2,167.26	1	1,871.03
1/4		1/4		1/4	4,017.33	1/4	3,778.34	1/4	3,272.08	1/4	3,017.79	1/4	2,753.72	1/4	2,457.34	1/4	2,161.09	1/4	1,864.85
1/2		1/2		1/2	4,016.33	1/2	3,773.07	1/2	3,266.78	1/2	3,012.50	1/2	2,747.53	1/2	2,451.17	1/2	2,154.92	1/2	1,858.67
3/4		3/4		3/4	4,013.26	3/4	3,767.80	3/4	3,261.48	3/4	3,007.20	3/4	2,741.35	3/4	2,444.99	3/4	2,148.74	3/4	1,852.48
2		2		2	4,010.19	2	3,762.53	2	3,256.19	2	3,001.90	2	2,735.16	2	2,438.82	2	2,142.57	2	1,846.30
1/4		1/4		1/4	4,007.13	1/4	3,757.27	1/4	3,250.89	1/4	2,996.60	1/4	2,728.98	1/4	2,432.65	1/4	2,136.40	1/4	1,840.11
1/2		1/2		1/2	4,004.06	1/2	3,752.00	1/2	3,245.59	1/2	2,991.31	1/2	2,722.79	1/2	2,426.48	1/2	2,130.23	1/2	1,833.93
3/4		3/4		3/4	3,998.92	3/4	3,746.73	3/4	3,493.89	3/4	3,240.29	3/4	2,986.01	3/4	2,716.60	3/4	2,420.31	3/4	1,827.74
3		3		3	3,993.79	3	3,741.46	3	3,488.62	3	3,234.99	3	2,980.71	3	2,710.42	3	2,414.13	3	1,821.56
1/4		1/4		1/4	3,988.66	1/4	3,736.20	1/4	3,483.35	1/4	3,229.70	1/4	2,975.41	1/4	2,704.23	1/4	2,407.96	1/4	1,815.38
1/2		1/2		1/2	3,983.53	1/2	3,730.93	1/2	3,478.08	1/2	3,224.40	1/2	2,970.11	1/2	2,698.05	1/2	2,401.79	1/2	1,809.19
3/4		3/4		3/4	3,978.31	3/4	3,725.66	3/4	3,472.82	3/4	3,219.10	3/4	2,964.82	3/4	2,691.87	3/4	2,395.62	3/4	1,803.01
4		4		4	3,973.09	4	3,720.39	4	3,467.55	4	3,213.80	4	2,959.52	4	2,685.70	4	2,389.45	4	1,796.82
1/4		1/4		1/4	3,967.87	1/4	3,715.13	1/4	3,462.28	1/4	3,208.51	1/4	2,954.22	1/4	2,679.53	1/4	2,383.27	1/4	1,790.64
1/2		1/2		1/2	3,962.65	1/2	3,709.86	1/2	3,457.01	1/2	3,203.21	1/2	2,948.92	1/2	2,673.36	1/2	2,377.10	1/2	1,784.45
3/4		3/4		3/4	3,957.39	3/4	3,704.59	3/4	3,451.75	3/4	3,197.91	3/4	2,943.63	3/4	2,667.19	3/4	2,370.93	3/4	1,778.27
5		5		5	3,952.14	5	3,699.32	5	3,446.48	5	3,192.61	5	2,938.33	5	2,661.01	5	2,364.76	5	1,772.09
1/4		1/4		1/4	3,946.88	1/4	3,694.06	1/4	3,441.21	1/4	3,187.32	1/4	2,933.03	1/4	2,654.84	1/4	2,358.59	1/4	1,765.90
1/2		1/2		1/2	3,941.63	1/2	3,688.79	1/2	3,435.94	1/2	3,182.02	1/2	2,927.73	1/2	2,648.67	1/2	2,352.41	1/2	1,759.72
3/4		3/4		3/4	3,936.36	3/4	3,683.52	3/4	3,430.68	3/4	3,176.72	3/4	2,922.44	3/4	2,642.50	3/4	2,346.24	3/4	1,753.53
6		6		6	3,931.09	6	3,678.25	6	3,425.41	6	3,171.42	6	2,917.14	6	2,636.33	6	2,340.07	6	1,747.35
1/4		1/4		1/4	3,925.83	1/4	3,672.99	1/4	3,420.14	1/4	3,166.13	1/4	2,911.84	1/4	2,630.15	1/4	2,333.90	1/4	1,741.16
1/2		1/2		1/2	3,920.56	1/2	3,667.72	1/2	3,414.87	1/2	3,160.83	1/2	2,906.54	1/2	2,623.98	1/2	2,327.73	1/2	1,734.98
3/4		3/4		3/4	3,915.30	3/4	3,662.45	3/4	3,409.61	3/4	3,155.53	3/4	2,901.25	3/4	2,617.81	3/4	2,321.55	3/4	1,728.80
7		7		7	3,910.03	7	3,657.18	7	3,404.34	7	3,150.23	7	2,895.95	7	2,611.64	7	2,315.38	7	1,722.61
1/4		1/4		1/4	3,904.76	1/4	3,651.92	1/4	3,399.07	1/4	3,144.94	1/4	2,890.65	1/4	2,605.47	1/4	2,309.21	1/4	1,716.43
1/2		1/2		1/2	3,899.49	1/2	3,646.65	1/2	3,393.80	1/2	3,139.64	1/2	2,885.35	1/2	2,599.29	1/2	2,303.04	1/2	1,710.24
3/4		3/4		3/4	3,894.22	3/4	3,641.38	3/4	3,388.54	3/4	3,134.34	3/4	2,880.06	3/4	2,593.12	3/4	2,296.87	3/4	1,704.06
8		8		8	3,888.96	8	3,636.11	8	3,383.27	8	3,129.04	8	2,874.76	8	2,586.95	8	2,290.69	8	1,697.87
1/4		1/4		1/4	3,883.69	1/4	3,630.84	1/4	3,378.00	1/4	3,123.75	1/4	2,869.46	1/4	2,580.78	1/4	2,284.52	1/4	1,691.69
1/2		1/2		1/2	3,878.42	1/2	3,625.58	1/2	3,372.73	1/2	3,118.45	1/2	2,864.16	1/2	2,574.61	1/2	2,278.35	1/2	1,685.51
3/4		3/4		3/4	3,873.15	3/4	3,620.31	3/4	3,367.43	3/4	3,113.15	3/4	2,858.87	3/4	2,568.43	3/4	2,272.18	3/4	1,679.34
9		9		9	3,867.89	9	3,615.04	9	3,362.14	9	3,107.85	9	2,853.57	9	2,562.26	9	2,266.01	9	1,673.17
1/4		1/4		1/4	3,862.62	1/4	3,609.77	1/4	3,356.84	1/4	3,102.55	1/4	2,848.27	1/4	2,556.09	1/4	2,259.84	1/4	1,666.99
1/2		1/2		1/2	3,857.35	1/2	3,604.51	1/2	3,351.54	1/2	3,097.26	1/2	2,842.97	1/2	2,549.92	1/2	2,253.66	1/2	1,660.83
3/4		3/4		3/4	3,852.08	3/4	3,599.24	3/4	3,346.24	3/4	3,091.96	3/4	2,837.67	3/4	2,543.75	3/4	2,247.49	3/4	1,654.66
10		10		10	3,846.82	10	3,593.97	10	3,340.95	10	3,086.66	10	2,832.38	10	2,537.57	10	2,241.32	10	1,648.49
1/4		1/4		1/4	3,841.55	1/4	3,588.70	1/4	3,335.65	1/4	3,081.36	1/4	2,827.08	1/4	2,531.40	1/4	2,235.15	1/4	1,642.32
1/2		1/2		1/2	3,836.28	1/2	3,583.44	1/2	3,330.35	1/2	3,076.07	1/2	2,821.78	1/2	2,525.23	1/2	2,228.98	1/2	1,636.14
3/4		3/4		3/4	3,831.01	3/4	3,578.17	3/4	3,325.05	3/4	3,070.77	3/4	2,815.59	3/4	2,519.06	3/4	2,222.81	3/4	1,629.97
11		11		11	3,825.75	11	3,572.90	11	3,319.76	11	3,065.47	11	2,809.41	11	2,512.89	11	2,216.63	11	1,623.80
1/4		1/4		1/4	3,820.48	1/4	3,567.63	1/4	3,314.46	1/4	3,060.17	1/4	2,803.22	1/4	2,506.71	1/4	2,210.46	1/4	1,617.63
1/2		1/2		1/2	3,815.21	1/2	3,562.37	1/2	3,309.16	1/2	3,054.88	1/2	2,797.03	1/2	2,500.54	1/2	2,204.29	1/2	1,611.46
3/4		3/4		3/4	3,809.94	3/4	3,557.10	3/4	3,303.86	3/4	3,049.58	3/4	2,790.85	3/4	2,494.37	3/4	2,198.12	3/4	1,605.29

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 7"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/2"

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

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/2"

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	3,523.43	0	3,260.21	0	2,996.99	0	2,733.78	0	2,470.56	0	2,207.34	0	1,944.12	0	1,680.91
1/4		1/4		1/4	3,517.94	1/4	3,254.73	1/4	2,991.51	1/4	2,728.29	1/4	2,465.07	1/4	2,201.86	1/4	1,938.64	1/4	1,675.42
1/2		1/2		1/2	3,742.56	1/2	3,512.46	1/2	2,986.03	1/2	2,722.81	1/2	2,459.59	1/2	2,196.37	1/2	1,933.16	1/2	1,669.94
3/4		3/4		3/4	3,741.65	3/4	3,506.98	3/4	2,980.54	3/4	2,717.32	3/4	2,454.11	3/4	2,190.89	3/4	1,927.67	3/4	1,664.45
1		1		1	3,740.73	1	3,501.49	1	2,975.06	1	2,711.84	1	2,448.62	1	2,185.41	1	1,922.19	1	1,658.97
1/4		1/4		1/4	3,739.82	1/4	3,496.01	1/4	2,969.57	1/4	2,706.36	1/4	2,443.14	1/4	2,179.92	1/4	1,916.70	1/4	1,653.49
1/2		1/2		1/2	3,738.90	1/2	3,490.53	1/2	2,964.09	1/2	2,700.87	1/2	2,437.66	1/2	2,174.44	1/2	1,911.22	1/2	1,648.00
3/4		3/4		3/4	3,736.16	3/4	3,485.04	3/4	2,958.61	3/4	2,695.39	3/4	2,432.17	3/4	2,168.95	3/4	1,905.74	3/4	1,642.52
2		2		2	3,733.42	2	3,479.56	2	2,953.12	2	2,689.91	2	2,426.69	2	2,163.47	2	1,900.25	2	1,637.04
1/4		1/4		1/4	3,730.68	1/4	3,474.08	1/4	2,947.64	1/4	2,684.42	1/4	2,421.20	1/4	2,157.99	1/4	1,894.77	1/4	1,631.55
1/2		1/2		1/2	3,727.94	1/2	3,468.59	1/2	2,942.16	1/2	2,678.94	1/2	2,415.72	1/2	2,152.50	1/2	1,889.29	1/2	1,626.07
3/4		3/4		3/4	3,723.37	3/4	3,463.11	3/4	2,936.67	3/4	2,673.46	3/4	2,410.24	3/4	2,147.02	3/4	1,883.80	3/4	1,620.58
3		3		3	3,718.80	3	3,457.62	3	2,931.19	3	2,667.97	3	2,404.75	3	2,141.54	3	1,878.32	3	1,615.10
1/4		1/4		1/4	3,714.23	1/4	3,452.14	1/4	2,925.71	1/4	2,662.49	1/4	2,399.27	1/4	2,136.05	1/4	1,872.83	1/4	1,609.62
1/2		1/2		1/2	3,709.67	1/2	3,446.66	1/2	2,920.22	1/2	2,657.00	1/2	2,393.79	1/2	2,130.57	1/2	1,867.35	1/2	1,604.13
3/4		3/4		3/4	3,704.23	3/4	3,441.17	3/4	2,914.74	3/4	2,651.52	3/4	2,388.30	3/4	2,125.09	3/4	1,861.87	3/4	1,598.65
4		4		4	3,698.79	4	3,435.69	4	2,909.25	4	2,646.04	4	2,382.82	4	2,119.60	4	1,856.38	4	1,593.17
1/4		1/4		1/4	3,693.35	1/4	3,430.21	1/4	2,903.77	1/4	2,640.55	1/4	2,377.34	1/4	2,114.12	1/4	1,850.90	1/4	1,587.68
1/2		1/2		1/2	3,687.91	1/2	3,424.72	1/2	2,898.29	1/2	2,635.07	1/2	2,371.85	1/2	2,108.63	1/2	1,845.42	1/2	1,582.20
3/4		3/4		3/4	3,682.44	3/4	3,419.24	3/4	2,892.80	3/4	2,629.59	3/4	2,366.37	3/4	2,103.15	3/4	1,839.93	3/4	1,576.72
5		5		5	3,676.97	5	3,413.75	5	2,887.32	5	2,624.10	5	2,360.88	5	2,097.67	5	1,834.45	5	1,571.23
1/4		1/4		1/4	3,671.49	1/4	3,408.27	1/4	2,881.84	1/4	2,618.62	1/4	2,355.40	1/4	2,092.18	1/4	1,828.97	1/4	1,565.75
1/2		1/2		1/2	3,666.02	1/2	3,402.79	1/2	2,876.35	1/2	2,613.13	1/2	2,349.92	1/2	2,086.70	1/2	1,823.48	1/2	1,560.26
3/4		3/4		3/4	3,660.54	3/4	3,397.30	3/4	2,870.87	3/4	2,607.65	3/4	2,344.43	3/4	2,081.22	3/4	1,818.00	3/4	1,554.78
6		6		6	3,655.05	6	3,391.82	6	2,865.38	6	2,602.17	6	2,338.95	6	2,075.73	6	1,812.51	6	1,549.30
1/4		1/4		1/4	3,649.56	1/4	3,386.34	1/4	2,859.90	1/4	2,596.68	1/4	2,333.47	1/4	2,070.25	1/4	1,807.03	1/4	1,543.81
1/2		1/2		1/2	3,644.07	1/2	3,380.85	1/2	2,854.42	1/2	2,591.20	1/2	2,327.98	1/2	2,064.76	1/2	1,801.55	1/2	1,538.33
3/4		3/4		3/4	3,638.59	3/4	3,375.37	3/4	2,848.93	3/4	2,585.72	3/4	2,322.50	3/4	2,059.28	3/4	1,796.06	3/4	1,532.85
7		7		7	3,633.10	7	3,369.88	7	2,843.45	7	2,580.23	7	2,317.01	7	2,053.80	7	1,790.58	7	1,527.36
1/4		1/4		1/4	3,627.62	1/4	3,364.40	1/4	2,837.97	1/4	2,574.75	1/4	2,311.53	1/4	2,048.31	1/4	1,785.10	1/4	1,521.88
1/2		1/2		1/2	3,622.14	1/2	3,358.92	1/2	2,832.48	1/2	2,569.26	1/2	2,306.05	1/2	2,042.83	1/2	1,779.61	1/2	1,516.39
3/4		3/4		3/4	3,616.65	3/4	3,353.43	3/4	2,827.00	3/4	2,563.78	3/4	2,300.56	3/4	2,037.35	3/4	1,774.13	3/4	1,510.91
8		8		8	3,611.17	8	3,347.95	8	2,821.51	8	2,558.30	8	2,295.08	8	2,031.86	8	1,768.64	8	1,505.43
1/4		1/4		1/4	3,605.68	1/4	3,342.47	1/4	2,816.03	1/4	2,552.81	1/4	2,289.60	1/4	2,026.38	1/4	1,763.16	1/4	1,499.94
1/2		1/2		1/2	3,600.20	1/2	3,336.98	1/2	2,810.55	1/2	2,547.33	1/2	2,284.11	1/2	2,020.89	1/2	1,757.68	1/2	1,494.46
3/4		3/4		3/4	3,594.72	3/4	3,331.50	3/4	2,805.06	3/4	2,541.85	3/4	2,278.63	3/4	2,015.41	3/4	1,752.19	3/4	1,488.98
9		9		9	3,589.23	9	3,326.02	9	2,799.58	9	2,536.36	9	2,273.14	9	2,009.93	9	1,746.71	9	1,483.49
1/4		1/4		1/4	3,583.75	1/4	3,320.53	1/4	2,794.10	1/4	2,530.88	1/4	2,267.66	1/4	2,004.44	1/4	1,741.23	1/4	1,478.01
1/2		1/2		1/2	3,578.27	1/2	3,315.05	1/2	2,788.61	1/2	2,525.40	1/2	2,262.18	1/2	1,998.96	1/2	1,735.74	1/2	1,472.52
3/4		3/4		3/4	3,572.78	3/4	3,309.56	3/4	2,783.13	3/4	2,519.91	3/4	2,256.69	3/4	1,993.48	3/4	1,730.26	3/4	1,467.04
10		10		10	3,567.30	10	3,304.08	10	2,777.65	10	2,514.43	10	2,251.21	10	1,987.99	10	1,724.77	10	1,461.56
1/4		1/4		1/4	3,561.81	1/4	3,298.60	1/4	2,772.16	1/4	2,508.94	1/4	2,245.73	1/4	1,982.51	1/4	1,719.29	1/4	1,456.07
1/2		1/2		1/2	3,556.33	1/2	3,293.11	1/2	2,766.68	1/2	2,503.46	1/2	2,240.24	1/2	1,977.03	1/2	1,713.81	1/2	1,450.59
3/4		3/4		3/4	3,550.85	3/4	3,287.63	3/4	2,761.19	3/4	2,497.98	3/4	2,234.76	3/4	1,971.54	3/4	1,708.32	3/4	1,445.11
11		11		11	3,545.36	11	3,282.15	11	2,755.71	11	2,492.49	11	2,229.28	11	1,966.06	11	1,702.84	11	1,439.62
1/4		1/4		1/4	3,539.88	1/4	3,276.66	1/4	2,750.23	1/4	2,487.01	1/4	2,223.79	1/4	1,960.57	1/4	1,697.36	1/4	1,434.14
1/2		1/2		1/2	3,534.40	1/2	3,271.18	1/2	2,744.74	1/2	2,481.53	1/2	2,218.31	1/2	1,955.09	1/2	1,691.87	1/2	1,428.66
3/4		3/4		3/4	3,528.91	3/4	3,265.69	3/4	2,739.26	3/4	2,476.04	3/4	2,212.82	3/4	1,949.61	3/4	1,686.39	3/4	1,423.17

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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Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "LB 7"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/2"

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	1,417.69	0	1,154.47	0	891.25	0	634.42	0	372.70	0	109.54	0		0		0		0	
1/4	1,412.20	1/4	1,148.99	1/4	885.77	1/4	629.11	1/4	367.22	1/4	104.07	1/4		1/4		1/4		1/4	
1/2	1,406.72	1/2	1,143.50	1/2	880.29	1/2	623.79	1/2	361.73	1/2	98.60	1/2		1/2		1/2		1/2	
3/4	1,401.24	3/4	1,138.02	3/4	874.80	3/4	618.31	3/4	356.25	3/4	93.15	3/4		3/4		3/4		3/4	
1	1,395.75	1	1,132.54	1	869.32	1	612.82	1	350.76	1	87.70	1		1		1		1	
1/4	1,390.27	1/4	1,127.05	1/4	863.83	1/4	607.34	1/4	345.28	1/4	82.26	1/4		1/4		1/4		1/4	
1/2	1,384.79	1/2	1,121.57	1/2	858.35	1/2	601.86	1/2	339.80	1/2	76.81	1/2		1/2		1/2		1/2	
3/4	1,379.30	3/4	1,116.08	3/4	852.87	3/4	596.45	3/4	334.31	3/4	71.39	3/4		3/4		3/4		3/4	
2	1,373.82	2	1,110.60	2	847.38	2	591.03	2	328.83	2	65.97	2		2		2		2	
1/4	1,368.33	1/4	1,105.12	1/4	841.90	1/4	585.62	1/4	323.35	1/4	60.55	1/4		1/4		1/4		1/4	
1/2	1,362.85	1/2	1,099.63	1/2	836.42	1/2	580.21	1/2	317.86	1/2	55.13	1/2		1/2		1/2		1/2	
3/4	1,357.37	3/4	1,094.15	3/4	831.10	3/4	574.80	3/4	312.38	3/4	49.75	3/4		3/4		3/4		3/4	
3	1,351.88	3	1,088.67	3	825.78	3	569.39	3	306.89	3	44.38	3		3		3		3	
1/4	1,346.40	1/4	1,083.18	1/4	820.47	1/4	563.98	1/4	301.41	1/4	39.01	1/4		1/4		1/4		1/4	
1/2	1,340.92	1/2	1,077.70	1/2	815.15	1/2	558.57	1/2	295.93	1/2	33.64	1/2		1/2		1/2		1/2	
3/4	1,335.43	3/4	1,072.21	3/4	809.84	3/4	553.16	3/4	290.44	3/4	29.08	3/4		3/4		3/4		3/4	
4	1,329.95	4	1,066.73	4	804.52	4	547.75	4	284.96	4	24.52	4		4		4		4	
1/4	1,324.46	1/4	1,061.25	1/4	799.21	1/4	542.33	1/4	279.48	1/4	19.96	1/4		1/4		1/4		1/4	
1/2	1,318.98	1/2	1,055.76	1/2	793.89	1/2	536.92	1/2	273.99	1/2	15.40	1/2		1/2		1/2		1/2	
3/4	1,313.50	3/4	1,050.28	3/4	788.58	3/4	531.51	3/4	268.51	3/4	12.65	3/4		3/4		3/4		3/4	
5	1,308.01	5	1,044.80	5	783.26	5	526.10	5	263.02	5	9.91	5		5		5		5	
1/4	1,302.53	1/4	1,039.31	1/4	777.94	1/4	520.69	1/4	257.54	1/4	7.17	1/4		1/4		1/4		1/4	
1/2	1,297.05	1/2	1,033.83	1/2	772.63	1/2	515.28	1/2	252.06	1/2	4.43	1/2		1/2		1/2		1/2	
3/4	1,291.56	3/4	1,028.35	3/4	767.31	3/4	509.79	3/4	246.57	3/4		3/4		3/4		3/4		3/4	
6	1,286.08	6	1,022.86	6	762.00	6	504.31	6	241.09	6		6		6		6		6	
1/4	1,280.60	1/4	1,017.38	1/4	756.68	1/4	498.83	1/4	235.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,275.11	1/2	1,011.89	1/2	751.37	1/2	493.34	1/2	230.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,269.63	3/4	1,006.41	3/4	746.05	3/4	487.86	3/4	224.64	3/4		3/4		3/4		3/4		3/4	
7	1,264.14	7	1,000.93	7	740.73	7	482.38	7	219.15	7		7		7		7		7	
1/4	1,258.66	1/4	995.44	1/4	735.42	1/4	476.89	1/4	213.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,253.18	1/2	989.96	1/2	730.10	1/2	471.41	1/2	208.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,247.69	3/4	984.48	3/4	724.79	3/4	465.92	3/4	202.70	3/4		3/4		3/4		3/4		3/4	
8	1,242.21	8	978.99	8	719.47	8	460.44	8	197.22	8		8		8		8		8	
1/4	1,236.73	1/4	973.51	1/4	714.16	1/4	454.96	1/4	191.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,231.24	1/2	968.02	1/2	708.84	1/2	449.47	1/2	186.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,225.76	3/4	962.54	3/4	703.53	3/4	443.99	3/4	180.77	3/4		3/4		3/4		3/4		3/4	
9	1,220.27	9	957.06	9	698.21	9	438.51	9	175.28	9		9		9		9		9	
1/4	1,214.79	1/4	951.57	1/4	692.89	1/4	433.02	1/4	169.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,209.31	1/2	946.09	1/2	687.58	1/2	427.54	1/2	164.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,203.82	3/4	940.61	3/4	682.26	3/4	422.05	3/4	158.83	3/4		3/4		3/4		3/4		3/4	
10	1,198.34	10	935.12	10	676.95	10	416.57	10	153.35	10		10		10		10		10	
1/4	1,192.86	1/4	929.64	1/4	671.63	1/4	411.09	1/4	147.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,187.37	1/2	924.15	1/2	666.32	1/2	405.60	1/2	142.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,181.89	3/4	918.67	3/4	661.00	3/4	400.12	3/4	136.91	3/4		3/4		3/4		3/4		3/4	
11	1,176.40	11	913.19	11	655.69	11	394.64	11	131.43	11		11		11		11		11	
1/4	1,170.92	1/4	907.70	1/4	650.37	1/4	389.15	1/4	125.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,165.44	1/2	902.22	1/2	645.05	1/2	383.67	1/2	120.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,159.95	3/4	896.74	3/4	639.74	3/4	378.18	3/4	115.00	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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BARGE "LB 7"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/2"

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	3,490.63	0	3,231.07	0	2,971.08	0	2,710.04	0	2,449.01	0	2,187.98	0	1,926.94	0	1,665.91
1/4		1/4		1/4	3,485.22	1/4	3,225.66	1/4	2,965.64	1/4	2,704.60	1/4	2,443.57	1/4	2,182.54	1/4	1,921.50	1/4	1,660.47
1/2		1/2		1/2	3,706.86	1/2	3,479.81	1/2	3,220.25	1/2	2,960.20	1/2	2,699.17	1/2	2,438.13	1/2	2,177.10	1/2	1,655.03
3/4		3/4		3/4	3,705.95	3/4	3,474.40	3/4	3,214.84	3/4	2,954.76	3/4	2,693.73	3/4	2,432.69	3/4	2,171.66	3/4	1,649.59
1		1		1	3,705.05	1	3,469.00	1	3,209.44	1	2,949.32	1	2,688.29	1	2,427.26	1	2,166.22	1	1,905.19
1/4		1/4		1/4	3,704.14	1/4	3,463.59	1/4	3,204.03	1/4	2,943.89	1/4	2,682.85	1/4	2,421.82	1/4	2,160.78	1/4	1,899.75
1/2		1/2		1/2	3,703.24	1/2	3,458.18	1/2	3,198.62	1/2	2,938.45	1/2	2,677.41	1/2	2,416.38	1/2	2,155.35	1/2	1,894.31
3/4		3/4		3/4	3,700.52	3/4	3,452.77	3/4	3,193.21	3/4	2,933.01	3/4	2,671.98	3/4	2,410.94	3/4	2,149.91	3/4	1,888.87
2		2		2	3,697.80	2	3,447.37	2	3,187.81	2	2,927.57	2	2,666.54	2	2,405.50	2	2,144.47	2	1,883.44
1/4		1/4		1/4	3,695.08	1/4	3,441.96	1/4	3,182.40	1/4	2,922.13	1/4	2,661.10	1/4	2,400.07	1/4	2,139.03	1/4	1,878.00
1/2		1/2		1/2	3,692.36	1/2	3,436.55	1/2	3,176.99	1/2	2,916.69	1/2	2,655.66	1/2	2,394.63	1/2	2,133.59	1/2	1,872.56
3/4		3/4		3/4	3,687.83	3/4	3,431.14	3/4	3,171.58	3/4	2,911.26	3/4	2,650.22	3/4	2,389.19	3/4	2,128.16	3/4	1,867.12
3		3		3	3,683.30	3	3,425.74	3	3,166.18	3	2,905.82	3	2,644.78	3	2,383.75	3	2,122.72	3	1,861.68
1/4		1/4		1/4	3,678.77	1/4	3,420.33	1/4	3,160.77	1/4	2,900.38	1/4	2,639.35	1/4	2,378.31	1/4	2,117.28	1/4	1,856.25
1/2		1/2		1/2	3,674.24	1/2	3,414.92	1/2	3,155.36	1/2	2,894.94	1/2	2,633.91	1/2	2,372.87	1/2	2,111.84	1/2	1,850.81
3/4		3/4		3/4	3,668.88	3/4	3,409.51	3/4	3,149.95	3/4	2,889.50	3/4	2,628.47	3/4	2,367.44	3/4	2,106.40	3/4	1,845.37
4		4		4	3,663.52	4	3,404.11	4	3,144.55	4	2,884.06	4	2,623.03	4	2,362.00	4	2,100.96	4	1,839.93
1/4		1/4		1/4	3,658.15	1/4	3,398.70	1/4	3,139.14	1/4	2,878.63	1/4	2,617.59	1/4	2,356.56	1/4	2,095.53	1/4	1,834.49
1/2		1/2		1/2	3,652.79	1/2	3,393.29	1/2	3,133.73	1/2	2,873.19	1/2	2,612.15	1/2	2,351.12	1/2	2,090.09	1/2	1,829.05
3/4		3/4		3/4	3,647.39	3/4	3,387.88	3/4	3,128.32	3/4	2,867.75	3/4	2,606.72	3/4	2,345.68	3/4	2,084.65	3/4	1,823.62
5		5		5	3,642.00	5	3,382.48	5	3,122.92	5	2,862.31	5	2,601.28	5	2,340.24	5	2,079.21	5	1,818.18
1/4		1/4		1/4	3,636.60	1/4	3,377.07	1/4	3,117.51	1/4	2,856.87	1/4	2,595.84	1/4	2,334.81	1/4	2,073.77	1/4	1,812.74
1/2		1/2		1/2	3,631.21	1/2	3,371.66	1/2	3,112.10	1/2	2,851.44	1/2	2,590.40	1/2	2,329.37	1/2	2,068.33	1/2	1,807.30
3/4		3/4		3/4	3,625.80	3/4	3,366.25	3/4	3,106.69	3/4	2,846.00	3/4	2,584.96	3/4	2,323.93	3/4	2,062.90	3/4	1,801.86
6		6		6	3,620.40	6	3,360.85	6	3,101.29	6	2,840.56	6	2,579.53	6	2,318.49	6	2,057.46	6	1,796.42
1/4		1/4		1/4	3,614.99	1/4	3,355.44	1/4	3,095.88	1/4	2,835.12	1/4	2,574.09	1/4	2,313.05	1/4	2,052.02	1/4	1,790.99
1/2		1/2		1/2	3,609.59	1/2	3,350.03	1/2	3,090.47	1/2	2,829.68	1/2	2,568.65	1/2	2,307.62	1/2	2,046.58	1/2	1,785.55
3/4		3/4		3/4	3,604.18	3/4	3,344.62	3/4	3,085.06	3/4	2,824.24	3/4	2,563.21	3/4	2,302.18	3/4	2,041.14	3/4	1,780.11
7		7		7	3,598.78	7	3,339.22	7	3,079.66	7	2,818.81	7	2,557.77	7	2,296.74	7	2,035.71	7	1,774.67
1/4		1/4		1/4	3,593.37	1/4	3,333.81	1/4	3,074.25	1/4	2,813.37	1/4	2,552.33	1/4	2,291.30	1/4	2,030.27	1/4	1,769.23
1/2		1/2		1/2	3,587.96	1/2	3,328.40	1/2	3,068.84	1/2	2,807.93	1/2	2,546.90	1/2	2,285.86	1/2	2,024.83	1/2	1,763.80
3/4		3/4		3/4	3,582.55	3/4	3,322.99	3/4	3,063.43	3/4	2,802.49	3/4	2,541.46	3/4	2,280.42	3/4	2,019.39	3/4	1,758.36
8		8		8	3,577.15	8	3,317.59	8	3,058.03	8	2,797.05	8	2,536.02	8	2,274.99	8	2,013.95	8	1,752.92
1/4		1/4		1/4	3,571.74	1/4	3,312.18	1/4	3,052.62	1/4	2,791.62	1/4	2,530.58	1/4	2,269.55	1/4	2,008.51	1/4	1,747.48
1/2		1/2		1/2	3,566.33	1/2	3,306.77	1/2	3,047.21	1/2	2,786.18	1/2	2,525.14	1/2	2,264.11	1/2	2,003.08	1/2	1,742.04
3/4		3/4		3/4	3,560.92	3/4	3,301.36	3/4	3,041.77	3/4	2,780.74	3/4	2,519.71	3/4	2,258.67	3/4	1,997.64	3/4	1,736.60
9		9		9	3,555.52	9	3,295.96	9	3,036.33	9	2,775.30	9	2,514.27	9	2,253.23	9	1,992.20	9	1,731.17
1/4		1/4		1/4	3,550.11	1/4	3,290.55	1/4	3,030.90	1/4	2,769.86	1/4	2,508.83	1/4	2,247.80	1/4	1,986.76	1/4	1,725.73
1/2		1/2		1/2	3,544.70	1/2	3,285.14	1/2	3,025.46	1/2	2,764.42	1/2	2,503.39	1/2	2,242.36	1/2	1,981.32	1/2	1,720.29
3/4		3/4		3/4	3,539.29	3/4	3,279.73	3/4	3,020.02	3/4	2,758.99	3/4	2,497.95	3/4	2,236.92	3/4	1,975.89	3/4	1,714.85
10		10		10	3,533.89	10	3,274.33	10	3,014.58	10	2,753.55	10	2,492.51	10	2,231.48	10	1,970.45	10	1,709.41
1/4		1/4		1/4	3,528.48	1/4	3,268.92	1/4	3,009.14	1/4	2,748.11	1/4	2,487.08	1/4	2,226.04	1/4	1,965.01	1/4	1,703.98
1/2		1/2		1/2	3,523.07	1/2	3,263.51	1/2	3,003.71	1/2	2,742.67	1/2	2,481.64	1/2	2,220.60	1/2	1,959.57	1/2	1,698.54
3/4		3/4		3/4	3,517.66	3/4	3,258.10	3/4	2,998.27	3/4	2,737.23	3/4	2,476.20	3/4	2,215.17	3/4	1,954.13	3/4	1,693.10
11		11		11	3,512.26	11	3,252.70	11	2,992.83	11	2,731.80	11	2,470.76	11	2,209.73	11	1,948.69	11	1,687.66
1/4		1/4		1/4	3,506.85	1/4	3,247.29	1/4	2,987.39	1/4	2,726.36	1/4	2,465.32	1/4	2,204.29	1/4	1,943.26	1/4	1,682.22
1/2		1/2		1/2	3,501.44	1/2	3,241.88	1/2	2,981.95	1/2	2,720.92	1/2	2,459.89	1/2	2,198.85	1/2	1,937.82	1/2	1,676.78
3/4		3/4		3/4	3,496.03	3/4	3,236.47	3/4	2,976.51	3/4	2,715.48	3/4	2,454.45	3/4	2,193.41	3/4	1,932.38	3/4	1,671.35

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
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BARGE "LB 7"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/2"

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	1,404.87	0	1,143.84	0	882.81	0	622.41	0	362.44	0	102.55	0		0		0		0	
1/4	1,399.44	1/4	1,138.40	1/4	877.37	1/4	616.98	1/4	357.00	1/4	97.58	1/4		1/4		1/4		1/4	
1/2	1,394.00	1/2	1,132.96	1/2	871.93	1/2	611.56	1/2	351.56	1/2	92.60	1/2		1/2		1/2		1/2	
3/4	1,388.56	3/4	1,127.53	3/4	866.49	3/4	606.13	3/4	346.12	3/4	88.06	3/4		3/4		3/4		3/4	
1	1,383.12	1	1,122.09	1	861.05	1	600.69	1	340.68	1	83.52	1		1		1		1	
1/4	1,377.68	1/4	1,116.65	1/4	855.62	1/4	595.25	1/4	335.25	1/4	78.98	1/4		1/4		1/4		1/4	
1/2	1,372.25	1/2	1,111.21	1/2	850.18	1/2	589.81	1/2	329.81	1/2	74.44	1/2		1/2		1/2		1/2	
3/4	1,366.81	3/4	1,105.77	3/4	844.74	3/4	584.44	3/4	324.37	3/4	69.50	3/4		3/4		3/4		3/4	
2	1,361.37	2	1,100.34	2	839.30	2	579.07	2	318.93	2	64.56	2		2		2		2	
1/4	1,355.93	1/4	1,094.90	1/4	833.86	1/4	573.69	1/4	313.49	1/4	59.62	1/4		1/4		1/4		1/4	
1/2	1,350.49	1/2	1,089.46	1/2	828.43	1/2	568.32	1/2	308.05	1/2	54.67	1/2		1/2		1/2		1/2	
3/4	1,345.05	3/4	1,084.02	3/4	823.00	3/4	562.95	3/4	302.61	3/4	49.35	3/4		3/4		3/4		3/4	
3	1,339.62	3	1,078.58	3	817.57	3	557.57	3	297.18	3	44.02	3		3		3		3	
1/4	1,334.18	1/4	1,073.14	1/4	812.15	1/4	552.20	1/4	291.74	1/4	38.69	1/4		1/4		1/4		1/4	
1/2	1,328.74	1/2	1,067.71	1/2	806.72	1/2	546.83	1/2	286.30	1/2	33.37	1/2		1/2		1/2		1/2	
3/4	1,323.30	3/4	1,062.27	3/4	801.30	3/4	541.45	3/4	280.86	3/4	28.84	3/4		3/4		3/4		3/4	
4	1,317.86	4	1,056.83	4	795.87	4	536.08	4	275.42	4	24.32	4		4		4		4	
1/4	1,312.43	1/4	1,051.39	1/4	790.45	1/4	530.71	1/4	269.98	1/4	19.80	1/4		1/4		1/4		1/4	
1/2	1,306.99	1/2	1,045.95	1/2	785.02	1/2	525.33	1/2	264.54	1/2	15.27	1/2		1/2		1/2		1/2	
3/4	1,301.55	3/4	1,040.52	3/4	779.60	3/4	519.96	3/4	259.11	3/4	12.55	3/4		3/4		3/4		3/4	
5	1,296.11	5	1,035.08	5	774.18	5	514.59	5	253.67	5	9.83	5		5		5		5	
1/4	1,290.67	1/4	1,029.64	1/4	768.76	1/4	509.21	1/4	248.23	1/4	7.11	1/4		1/4		1/4		1/4	
1/2	1,285.23	1/2	1,024.20	1/2	763.34	1/2	503.84	1/2	242.79	1/2	4.40	1/2		1/2		1/2		1/2	
3/4	1,279.80	3/4	1,018.76	3/4	757.92	3/4	498.40	3/4	237.35	3/4		3/4		3/4		3/4		3/4	
6	1,274.36	6	1,013.32	6	752.50	6	492.96	6	231.91	6		6		6		6		6	
1/4	1,268.92	1/4	1,007.89	1/4	747.08	1/4	487.52	1/4	226.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,263.48	1/2	1,002.45	1/2	741.66	1/2	482.08	1/2	221.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,258.04	3/4	997.01	3/4	736.24	3/4	476.65	3/4	215.60	3/4		3/4		3/4		3/4		3/4	
7	1,252.60	7	991.57	7	730.82	7	471.21	7	210.16	7		7		7		7		7	
1/4	1,247.17	1/4	986.13	1/4	725.39	1/4	465.77	1/4	204.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,241.73	1/2	980.69	1/2	719.97	1/2	460.33	1/2	199.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,236.29	3/4	975.26	3/4	714.55	3/4	454.89	3/4	193.84	3/4		3/4		3/4		3/4		3/4	
8	1,230.85	8	969.82	8	709.13	8	449.45	8	188.41	8		8		8		8		8	
1/4	1,225.41	1/4	964.38	1/4	703.71	1/4	444.02	1/4	182.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,219.98	1/2	958.94	1/2	698.29	1/2	438.58	1/2	177.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,214.54	3/4	953.50	3/4	692.87	3/4	433.14	3/4	172.10	3/4		3/4		3/4		3/4		3/4	
9	1,209.10	9	948.07	9	687.45	9	427.70	9	166.67	9		9		9		9		9	
1/4	1,203.66	1/4	942.63	1/4	682.03	1/4	422.26	1/4	161.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,198.22	1/2	937.19	1/2	676.61	1/2	416.82	1/2	155.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,192.78	3/4	931.75	3/4	671.19	3/4	411.38	3/4	150.40	3/4		3/4		3/4		3/4		3/4	
10	1,187.35	10	926.31	10	665.77	10	405.95	10	144.99	10		10		10		10		10	
1/4	1,181.91	1/4	920.87	1/4	660.35	1/4	400.51	1/4	139.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,176.47	1/2	915.44	1/2	654.93	1/2	395.07	1/2	134.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,171.03	3/4	910.00	3/4	649.51	3/4	389.63	3/4	128.74	3/4		3/4		3/4		3/4		3/4	
11	1,165.59	11	904.56	11	644.09	11	384.19	11	123.33	11		11		11		11		11	
1/4	1,160.16	1/4	899.12	1/4	638.67	1/4	378.75	1/4	117.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,154.72	1/2	893.68	1/2	633.25	1/2	373.31	1/2	112.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,149.28	3/4	888.25	3/4	627.83	3/4	367.88	3/4	107.53	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

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