



BARGE "LB 5"

INNAGE 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 INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

June 19, 2017

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

<http://www.pmacorp.net>



BARGE "LB 5"

INNAGE 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	00-5/8	- 00-5/8
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 INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

June 19, 2017

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BARGE "LB 5"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	8.43	0	283.74	0	580.54	0	871.36	0	1,166.11	0	1,462.64	0	1,758.84	0	2,055.18	0	2,351.23	0	2,647.34
1/4	11.52	1/4	289.92	1/4	586.64	1/4	877.37	1/4	1,172.29	1/4	1,468.81	1/4	1,765.02	1/4	2,061.34	1/4	2,357.40	1/4	2,653.51
1/2	14.62	1/2	296.10	1/2	592.75	1/2	883.38	1/2	1,178.47	1/2	1,474.98	1/2	1,771.20	1/2	2,067.51	1/2	2,363.57	1/2	2,659.68
3/4	17.72	3/4	302.29	3/4	598.86	3/4	889.40	3/4	1,184.65	3/4	1,481.15	3/4	1,777.38	3/4	2,073.67	3/4	2,369.74	3/4	2,665.85
1	20.82	1	308.47	1	604.97	1	895.41	1	1,190.83	1	1,487.31	1	1,783.56	1	2,079.84	1	2,375.91	1	2,672.02
1/4	25.97	1/4	314.65	1/4	611.08	1/4	901.44	1/4	1,197.01	1/4	1,493.48	1/4	1,789.74	1/4	2,086.00	1/4	2,382.08	1/4	2,678.19
1/2	31.13	1/2	320.84	1/2	617.18	1/2	907.48	1/2	1,203.19	1/2	1,499.65	1/2	1,795.92	1/2	2,092.16	1/2	2,388.25	1/2	2,684.36
3/4	36.28	3/4	327.02	3/4	623.29	3/4	913.51	3/4	1,209.36	3/4	1,505.81	3/4	1,802.10	3/4	2,098.32	3/4	2,394.42	3/4	2,690.52
2	41.43	2	333.20	2	629.40	2	919.54	2	1,215.54	2	1,511.98	2	1,808.28	2	2,104.49	2	2,400.59	2	2,696.69
1/4	47.50	1/4	339.39	1/4	635.51	1/4	925.58	1/4	1,221.72	1/4	1,518.15	1/4	1,814.47	1/4	2,110.65	1/4	2,406.75	1/4	2,702.88
1/2	53.57	1/2	345.57	1/2	641.62	1/2	931.61	1/2	1,227.90	1/2	1,524.32	1/2	1,820.65	1/2	2,116.82	1/2	2,412.92	1/2	2,709.06
3/4	59.64	3/4	351.75	3/4	647.73	3/4	937.65	3/4	1,234.08	3/4	1,530.48	3/4	1,826.83	3/4	2,122.99	3/4	2,419.09	3/4	2,715.24
3	65.70	3	357.94	3	653.84	3	943.68	3	1,240.26	3	1,536.65	3	1,833.01	3	2,129.16	3	2,425.26	3	2,721.43
1/4	71.58	1/4	364.12	1/4	659.95	1/4	949.86	1/4	1,246.44	1/4	1,542.82	1/4	1,839.19	1/4	2,135.33	1/4	2,431.43	1/4	2,727.61
1/2	77.46	1/2	370.30	1/2	666.06	1/2	956.04	1/2	1,252.62	1/2	1,548.98	1/2	1,845.37	1/2	2,141.50	1/2	2,437.60	1/2	2,733.79
3/4	83.34	3/4	376.49	3/4	672.17	3/4	962.22	3/4	1,258.79	3/4	1,555.15	3/4	1,851.55	3/4	2,147.67	3/4	2,443.77	3/4	2,739.98
4	89.22	4	382.67	4	678.28	4	968.39	4	1,264.97	4	1,561.32	4	1,857.73	4	2,153.84	4	2,449.94	4	2,746.16
1/4	94.88	1/4	388.85	1/4	684.46	1/4	974.57	1/4	1,271.15	1/4	1,567.49	1/4	1,863.92	1/4	2,160.00	1/4	2,456.11	1/4	2,752.34
1/2	100.55	1/2	395.04	1/2	690.64	1/2	980.75	1/2	1,277.33	1/2	1,573.65	1/2	1,870.10	1/2	2,166.17	1/2	2,462.28	1/2	2,758.53
3/4	106.21	3/4	401.22	3/4	696.83	3/4	986.93	3/4	1,283.51	3/4	1,579.82	3/4	1,876.28	3/4	2,172.34	3/4	2,468.44	3/4	2,764.71
5	111.88	5	407.40	5	703.01	5	993.11	5	1,289.69	5	1,585.99	5	1,882.46	5	2,178.51	5	2,474.61	5	2,770.90
1/4	117.80	1/4	413.59	1/4	709.02	1/4	999.29	1/4	1,295.87	1/4	1,592.15	1/4	1,888.64	1/4	2,184.68	1/4	2,480.78	1/4	2,777.08
1/2	123.72	1/2	419.77	1/2	715.03	1/2	1,005.47	1/2	1,302.04	1/2	1,598.32	1/2	1,894.82	1/2	2,190.85	1/2	2,486.95	1/2	2,783.26
3/4	129.64	3/4	425.95	3/4	721.05	3/4	1,011.65	3/4	1,308.22	3/4	1,604.49	3/4	1,901.00	3/4	2,197.02	3/4	2,493.12	3/4	2,789.45
6	135.55	6	432.14	6	727.06	6	1,017.82	6	1,314.40	6	1,610.65	6	1,907.18	6	2,203.19	6	2,499.29	6	2,795.63
1/4	141.72	1/4	438.32	1/4	733.07	1/4	1,024.00	1/4	1,320.58	1/4	1,616.82	1/4	1,913.36	1/4	2,209.35	1/4	2,505.46	1/4	2,801.82
1/2	147.88	1/2	444.50	1/2	739.08	1/2	1,030.18	1/2	1,326.76	1/2	1,622.99	1/2	1,919.53	1/2	2,215.52	1/2	2,511.63	1/2	2,808.00
3/4	154.05	3/4	450.69	3/4	745.10	3/4	1,036.36	3/4	1,332.94	3/4	1,629.16	3/4	1,925.70	3/4	2,221.69	3/4	2,517.80	3/4	2,814.19
7	160.21	7	456.87	7	751.11	7	1,042.54	7	1,339.12	7	1,635.32	7	1,931.88	7	2,227.86	7	2,523.96	7	2,820.37
1/4	166.37	1/4	463.05	1/4	757.12	1/4	1,048.72	1/4	1,345.30	1/4	1,641.49	1/4	1,938.04	1/4	2,234.03	1/4	2,530.13	1/4	2,826.56
1/2	172.53	1/2	469.24	1/2	763.13	1/2	1,054.90	1/2	1,351.47	1/2	1,647.66	1/2	1,944.21	1/2	2,240.20	1/2	2,536.30	1/2	2,832.75
3/4	178.69	3/4	475.42	3/4	769.15	3/4	1,061.08	3/4	1,357.65	3/4	1,653.82	3/4	1,950.37	3/4	2,246.37	3/4	2,542.47	3/4	2,838.95
8	184.84	8	481.60	8	775.16	8	1,067.25	8	1,363.83	8	1,659.99	8	1,956.54	8	2,252.53	8	2,548.64	8	2,845.15
1/4	191.02	1/4	487.79	1/4	781.17	1/4	1,073.43	1/4	1,370.01	1/4	1,666.16	1/4	1,962.70	1/4	2,258.70	1/4	2,554.81	1/4	2,846.84
1/2	197.19	1/2	493.97	1/2	787.18	1/2	1,079.61	1/2	1,376.19	1/2	1,672.33	1/2	1,968.87	1/2	2,264.87	1/2	2,560.98	1/2	2,852.14
3/4	203.36	3/4	500.15	3/4	793.20	3/4	1,085.79	3/4	1,382.37	3/4	1,678.49	3/4	1,975.03	3/4	2,271.04	3/4	2,567.15	3/4	2,857.43
9	209.53	9	506.34	9	799.21	9	1,091.97	9	1,388.55	9	1,684.66	9	1,981.20	9	2,277.21	9	2,573.32	9	2,862.73
1/4	215.71	1/4	512.52	1/4	805.22	1/4	1,098.15	1/4	1,394.73	1/4	1,690.84	1/4	1,987.36	1/4	2,283.38	1/4	2,579.48	1/4	2,868.02
1/2	221.90	1/2	518.70	1/2	811.23	1/2	1,104.33	1/2	1,400.90	1/2	1,697.02	1/2	1,993.53	1/2	2,289.55	1/2	2,585.65	1/2	2,873.32
3/4	228.08	3/4	524.89	3/4	817.25	3/4	1,110.50	3/4	1,407.08	3/4	1,703.20	3/4	1,999.69	3/4	2,295.72	3/4	2,591.82	3/4	2,878.61
10	234.27	10	531.07	10	823.26	10	1,116.68	10	1,413.26	10	1,709.39	10	2,005.86	10	2,301.88	10	2,597.99	10	2,883.91
1/4	240.45	1/4	537.25	1/4	829.27	1/4	1,122.86	1/4	1,419.44	1/4	1,715.57	1/4	2,012.02	1/4	2,308.05	1/4	2,604.16	1/4	2,889.20
1/2	246.63	1/2	543.44	1/2	835.28	1/2	1,129.04	1/2	1,425.62	1/2	1,721.75	1/2	2,018.19	1/2	2,314.22	1/2	2,610.33	1/2	2,894.50
3/4	252.82	3/4	549.62	3/4	841.30	3/4	1,135.22	3/4	1,431.80	3/4	1,727.93	3/4	2,024.35	3/4	2,320.39	3/4	2,616.50	3/4	2,899.79
11	259.00	11	555.80	11	847.31	11	1,141.40	11	1,437.98	11	1,734.11	11	2,030.52	11	2,326.56	11	2,622.67	11	2,905.09
1/4	265.19	1/4	561.99	1/4	853.32	1/4	1,147.58	1/4	1,444.14	1/4	1,740.29	1/4	2,036.69	1/4	2,332.73	1/4	2,628.84	1/4	2,910.38
1/2	271.37	1/2	568.17	1/2	859.33	1/2	1,153.76	1/2	1,450.31	1/2	1,746.47	1/2	2,042.85	1/2	2,338.90	1/2	2,635.00	1/2	2,915.68
3/4	277.55	3/4	574.35	3/4	865.35	3/4	1,159.93	3/4	1,456.48	3/4	1,752.65	3/4	2,049.02	3/4	2,345.07	3/4	2,641.17	3/4	2,920.97

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 INNAGE 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 5"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	2,926.27	0	3,180.43	0	3,434.23	0	3,686.94	0	3,939.65	0		0		0		0		0	
1/4	2,931.56	1/4	3,185.72	1/4	3,439.49	1/4	3,692.21	1/4	3,944.91	1/4		1/4		1/4		1/4		1/4	
1/2	2,936.86	1/2	3,191.02	1/2	3,444.76	1/2	3,697.47	1/2	3,950.16	1/2		1/2		1/2		1/2		1/2	
3/4	2,942.15	3/4	3,196.31	3/4	3,450.02	3/4	3,702.74	3/4	3,955.41	3/4		3/4		3/4		3/4		3/4	
1	2,947.45	1	3,201.61	1	3,455.29	1	3,708.00	1	3,960.66	1		1		1		1		1	
1/4	2,952.74	1/4	3,206.90	1/4	3,460.55	1/4	3,713.27	1/4	3,965.88	1/4		1/4		1/4		1/4		1/4	
1/2	2,958.04	1/2	3,212.20	1/2	3,465.82	1/2	3,718.53	1/2	3,971.10	1/2		1/2		1/2		1/2		1/2	
3/4	2,963.33	3/4	3,217.49	3/4	3,471.08	3/4	3,723.80	3/4	3,976.32	3/4		3/4		3/4		3/4		3/4	
2	2,968.63	2	3,222.79	2	3,476.35	2	3,729.06	2	3,981.53	2		2		2		2		2	
1/4	2,973.92	1/4	3,228.08	1/4	3,481.61	1/4	3,734.33	1/4	3,986.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,979.22	1/2	3,233.38	1/2	3,486.88	1/2	3,739.59	1/2	3,991.79	1/2		1/2		1/2		1/2		1/2	
3/4	2,984.51	3/4	3,238.67	3/4	3,492.14	3/4	3,744.86	3/4	3,996.92	3/4		3/4		3/4		3/4		3/4	
3	2,989.81	3	3,243.97	3	3,497.41	3	3,750.12	3	4,002.05	3		3		3		3		3	
1/4	2,995.10	1/4	3,249.26	1/4	3,502.67	1/4	3,755.39	1/4	4,005.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,000.40	1/2	3,254.56	1/2	3,507.94	1/2	3,760.65	1/2	4,008.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,005.69	3/4	3,259.85	3/4	3,513.20	3/4	3,765.92	3/4	4,011.25	3/4		3/4		3/4		3/4		3/4	
4	3,010.99	4	3,265.15	4	3,518.47	4	3,771.18	4	4,014.32	4		4		4		4		4	
1/4	3,016.28	1/4	3,270.44	1/4	3,523.73	1/4	3,776.45	1/4	4,015.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,021.58	1/2	3,275.74	1/2	3,529.00	1/2	3,781.71	1/2	4,016.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,026.87	3/4	3,281.03	3/4	3,534.26	3/4	3,786.98	3/4	4,017.33	3/4		3/4		3/4		3/4		3/4	
5	3,032.17	5	3,286.33	5	3,539.53	5	3,792.24	5	4,018.33	5		5		5		5		5	
1/4	3,037.46	1/4	3,291.62	1/4	3,544.79	1/4	3,797.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,042.76	1/2	3,296.92	1/2	3,550.06	1/2	3,802.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,048.05	3/4	3,302.21	3/4	3,555.32	3/4	3,808.04	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,053.35	6	3,307.51	6	3,560.59	6	3,813.30	6		6		6		6		6		6	
1/4	3,058.64	1/4	3,312.80	1/4	3,565.85	1/4	3,818.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,063.94	1/2	3,318.10	1/2	3,571.12	1/2	3,823.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,069.23	3/4	3,323.39	3/4	3,576.38	3/4	3,829.10	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,074.53	7	3,328.69	7	3,581.65	7	3,834.36	7		7		7		7		7		7	
1/4	3,079.82	1/4	3,333.98	1/4	3,586.91	1/4	3,839.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,085.12	1/2	3,339.28	1/2	3,592.18	1/2	3,844.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,090.41	3/4	3,344.57	3/4	3,597.44	3/4	3,850.16	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,095.71	8	3,349.87	8	3,602.70	8	3,855.42	8		8		8		8		8		8	
1/4	3,101.00	1/4	3,355.16	1/4	3,607.97	1/4	3,860.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,106.30	1/2	3,360.46	1/2	3,613.23	1/2	3,865.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,111.59	3/4	3,365.75	3/4	3,618.50	3/4	3,871.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,116.89	9	3,371.05	9	3,623.76	9	3,876.48	9		9		9		9		9		9	
1/4	3,122.18	1/4	3,376.31	1/4	3,629.03	1/4	3,881.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,127.48	1/2	3,381.58	1/2	3,634.29	1/2	3,887.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,132.77	3/4	3,386.84	3/4	3,639.56	3/4	3,892.27	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,138.07	10	3,392.11	10	3,644.82	10	3,897.54	10		10		10		10		10		10	
1/4	3,143.36	1/4	3,397.37	1/4	3,650.09	1/4	3,902.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,148.66	1/2	3,402.64	1/2	3,655.35	1/2	3,908.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,153.95	3/4	3,407.90	3/4	3,660.62	3/4	3,913.33	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,159.25	11	3,413.17	11	3,665.88	11	3,918.60	11		11		11		11		11		11	
1/4	3,164.54	1/4	3,418.43	1/4	3,671.15	1/4	3,923.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,169.84	1/2	3,423.70	1/2	3,676.41	1/2	3,929.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,175.13	3/4	3,428.96	3/4	3,681.68	3/4	3,934.39	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/16/2017 SW
CALCULATED: 06/16/2017 CL
PRINTED: 06/19/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2017

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



BARGE "LB 5"

2 CENTER INNAGE 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	4.43	0	252.00	0	515.17	0	772.46	0	1,033.60	0	1,296.76	0	1,559.92	0	1,823.08	0	2,086.24	0	2,349.40
1/4	7.17	1/4	257.48	1/4	520.58	1/4	777.77	1/4	1,039.08	1/4	1,302.24	1/4	1,565.40	1/4	1,828.56	1/4	2,091.72	1/4	2,354.88
1/2	9.91	1/2	262.97	1/2	525.99	1/2	783.09	1/2	1,044.57	1/2	1,307.73	1/2	1,570.89	1/2	1,834.05	1/2	2,097.21	1/2	2,360.37
3/4	12.65	3/4	268.45	3/4	531.40	3/4	788.40	3/4	1,050.05	3/4	1,313.21	3/4	1,576.37	3/4	1,839.53	3/4	2,102.69	3/4	2,365.85
1	15.39	1	273.93	1	536.81	1	793.72	1	1,055.53	1	1,318.69	1	1,581.85	1	1,845.01	1	2,108.17	1	2,371.33
1/4	19.95	1/4	279.41	1/4	542.22	1/4	799.03	1/4	1,061.01	1/4	1,324.17	1/4	1,587.33	1/4	1,850.49	1/4	2,113.65	1/4	2,376.81
1/2	24.51	1/2	284.90	1/2	547.63	1/2	804.34	1/2	1,066.50	1/2	1,329.66	1/2	1,592.82	1/2	1,855.98	1/2	2,119.14	1/2	2,382.30
3/4	29.08	3/4	290.38	3/4	553.03	3/4	809.66	3/4	1,071.98	3/4	1,335.14	3/4	1,598.30	3/4	1,861.46	3/4	2,124.62	3/4	2,387.78
2	33.64	2	295.86	2	558.44	2	814.97	2	1,077.46	2	1,340.62	2	1,603.78	2	1,866.94	2	2,130.10	2	2,393.26
1/4	39.01	1/4	301.34	1/4	563.85	1/4	820.29	1/4	1,082.94	1/4	1,346.10	1/4	1,609.26	1/4	1,872.42	1/4	2,135.58	1/4	2,398.74
1/2	44.37	1/2	306.83	1/2	569.26	1/2	825.60	1/2	1,088.43	1/2	1,351.59	1/2	1,614.75	1/2	1,877.91	1/2	2,141.07	1/2	2,404.23
3/4	49.74	3/4	312.31	3/4	574.67	3/4	830.92	3/4	1,093.91	3/4	1,357.07	3/4	1,620.23	3/4	1,883.39	3/4	2,146.55	3/4	2,409.71
3	55.11	3	317.79	3	580.08	3	836.23	3	1,099.39	3	1,362.55	3	1,625.71	3	1,888.87	3	2,152.03	3	2,415.19
1/4	60.53	1/4	323.27	1/4	585.49	1/4	841.71	1/4	1,104.87	1/4	1,368.03	1/4	1,631.19	1/4	1,894.35	1/4	2,157.51	1/4	2,420.67
1/2	65.95	1/2	328.76	1/2	590.90	1/2	847.20	1/2	1,110.36	1/2	1,373.52	1/2	1,636.68	1/2	1,899.84	1/2	2,163.00	1/2	2,426.16
3/4	71.37	3/4	334.24	3/4	596.31	3/4	852.68	3/4	1,115.84	3/4	1,379.00	3/4	1,642.16	3/4	1,905.32	3/4	2,168.48	3/4	2,431.64
4	76.79	4	339.72	4	601.72	4	858.16	4	1,121.32	4	1,384.48	4	1,647.64	4	1,910.80	4	2,173.96	4	2,437.12
1/4	82.24	1/4	345.21	1/4	607.21	1/4	863.64	1/4	1,126.80	1/4	1,389.96	1/4	1,653.12	1/4	1,916.28	1/4	2,179.44	1/4	2,442.60
1/2	87.68	1/2	350.69	1/2	612.69	1/2	869.13	1/2	1,132.29	1/2	1,395.45	1/2	1,658.61	1/2	1,921.77	1/2	2,184.93	1/2	2,448.09
3/4	93.13	3/4	356.17	3/4	618.17	3/4	874.61	3/4	1,137.77	3/4	1,400.93	3/4	1,664.09	3/4	1,927.25	3/4	2,190.41	3/4	2,453.57
5	98.58	5	361.65	5	623.65	5	880.09	5	1,143.25	5	1,406.41	5	1,669.57	5	1,932.73	5	2,195.89	5	2,459.05
1/4	104.05	1/4	367.14	1/4	628.97	1/4	885.57	1/4	1,148.73	1/4	1,411.89	1/4	1,675.05	1/4	1,938.21	1/4	2,201.37	1/4	2,464.53
1/2	109.51	1/2	372.62	1/2	634.28	1/2	891.06	1/2	1,154.22	1/2	1,417.38	1/2	1,680.54	1/2	1,943.70	1/2	2,206.86	1/2	2,470.02
3/4	114.98	3/4	378.10	3/4	639.60	3/4	896.54	3/4	1,159.70	3/4	1,422.86	3/4	1,686.02	3/4	1,949.18	3/4	2,212.34	3/4	2,475.50
6	120.44	6	383.58	6	644.91	6	902.02	6	1,165.18	6	1,428.34	6	1,691.50	6	1,954.66	6	2,217.82	6	2,480.98
1/4	125.92	1/4	389.07	1/4	650.23	1/4	907.50	1/4	1,170.66	1/4	1,433.82	1/4	1,696.98	1/4	1,960.14	1/4	2,223.30	1/4	2,486.46
1/2	131.40	1/2	394.55	1/2	655.54	1/2	912.99	1/2	1,176.15	1/2	1,439.31	1/2	1,702.47	1/2	1,965.63	1/2	2,228.79	1/2	2,491.95
3/4	136.87	3/4	400.03	3/4	660.86	3/4	918.47	3/4	1,181.63	3/4	1,444.79	3/4	1,707.95	3/4	1,971.11	3/4	2,234.27	3/4	2,497.43
7	142.35	7	405.51	7	666.17	7	923.95	7	1,187.11	7	1,450.27	7	1,713.43	7	1,976.59	7	2,239.75	7	2,502.91
1/4	147.83	1/4	411.00	1/4	671.48	1/4	929.43	1/4	1,192.59	1/4	1,455.75	1/4	1,718.91	1/4	1,982.07	1/4	2,245.23	1/4	2,508.39
1/2	153.32	1/2	416.48	1/2	676.80	1/2	934.92	1/2	1,198.08	1/2	1,461.24	1/2	1,724.40	1/2	1,987.56	1/2	2,250.72	1/2	2,513.88
3/4	158.80	3/4	421.96	3/4	682.11	3/4	940.40	3/4	1,203.56	3/4	1,466.72	3/4	1,729.88	3/4	1,993.04	3/4	2,256.20	3/4	2,519.36
8	164.28	8	427.44	8	687.43	8	945.88	8	1,209.04	8	1,472.20	8	1,735.36	8	1,998.52	8	2,261.68	8	2,524.84
1/4	169.76	1/4	432.93	1/4	692.74	1/4	951.36	1/4	1,214.52	1/4	1,477.68	1/4	1,740.84	1/4	2,004.00	1/4	2,267.16	1/4	2,530.32
1/2	175.24	1/2	438.41	1/2	698.06	1/2	956.85	1/2	1,220.01	1/2	1,483.17	1/2	1,746.33	1/2	2,009.49	1/2	2,272.65	1/2	2,535.81
3/4	180.73	3/4	443.89	3/4	703.37	3/4	962.33	3/4	1,225.49	3/4	1,488.65	3/4	1,751.81	3/4	2,014.97	3/4	2,278.13	3/4	2,541.29
9	186.21	9	449.37	9	708.69	9	967.81	9	1,230.97	9	1,494.13	9	1,757.29	9	2,020.45	9	2,283.61	9	2,546.77
1/4	191.69	1/4	454.86	1/4	714.00	1/4	973.29	1/4	1,236.45	1/4	1,499.61	1/4	1,762.77	1/4	2,025.93	1/4	2,289.09	1/4	2,552.25
1/2	197.17	1/2	460.34	1/2	719.31	1/2	978.78	1/2	1,241.94	1/2	1,505.10	1/2	1,768.26	1/2	2,031.42	1/2	2,294.58	1/2	2,557.74
3/4	202.66	3/4	465.82	3/4	724.63	3/4	984.26	3/4	1,247.42	3/4	1,510.58	3/4	1,773.74	3/4	2,036.90	3/4	2,300.06	3/4	2,563.22
10	208.14	10	471.30	10	729.94	10	989.74	10	1,252.90	10	1,516.06	10	1,779.22	10	2,042.38	10	2,305.54	10	2,568.70
1/4	213.62	1/4	476.79	1/4	735.26	1/4	995.22	1/4	1,258.38	1/4	1,521.54	1/4	1,784.70	1/4	2,047.86	1/4	2,311.02	1/4	2,574.18
1/2	219.11	1/2	482.27	1/2	740.57	1/2	1,000.71	1/2	1,263.87	1/2	1,527.03	1/2	1,790.19	1/2	2,053.35	1/2	2,316.51	1/2	2,579.67
3/4	224.59	3/4	487.75	3/4	745.89	3/4	1,006.19	3/4	1,269.35	3/4	1,532.51	3/4	1,795.67	3/4	2,058.83	3/4	2,321.99	3/4	2,585.15
11	230.07	11	493.24	11	751.20	11	1,011.67	11	1,274.83	11	1,537.99	11	1,801.15	11	2,064.31	11	2,327.47	11	2,590.63
1/4	235.55	1/4	498.72	1/4	756.51	1/4	1,017.15	1/4	1,280.31	1/4	1,543.47	1/4	1,806.63	1/4	2,069.79	1/4	2,332.95	1/4	2,596.11
1/2	241.04	1/2	504.20	1/2	761.83	1/2	1,022.64	1/2	1,285.80	1/2	1,548.96	1/2	1,812.12	1/2	2,075.28	1/2	2,338.44	1/2	2,601.60
3/4	246.52	3/4	509.68	3/4	767.14	3/4	1,028.12	3/4	1,291.28	3/4	1,554.44	3/4	1,817.60	3/4	2,080.76	3/4	2,343.92	3/4	2,607.08

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 INNAGE 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.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "LB 5"

2 CENTER INNAGE 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	2,612.56	0	2,875.72	0	3,138.88	0	3,402.04	0	3,665.22	0		0		0		0		0	
1/4	2,618.04	1/4	2,881.20	1/4	3,144.36	1/4	3,407.52	1/4	3,670.69	1/4		1/4		1/4		1/4		1/4	
1/2	2,623.53	1/2	2,886.69	1/2	3,149.85	1/2	3,413.01	1/2	3,676.16	1/2		1/2		1/2		1/2		1/2	
3/4	2,629.01	3/4	2,892.17	3/4	3,155.33	3/4	3,418.49	3/4	3,681.63	3/4		3/4		3/4		3/4		3/4	
1	2,634.49	1	2,897.65	1	3,160.81	1	3,423.97	1	3,687.10	1		1		1		1		1	
1/4	2,639.97	1/4	2,903.13	1/4	3,166.29	1/4	3,429.45	1/4	3,692.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,645.46	1/2	2,908.62	1/2	3,171.78	1/2	3,434.94	1/2	3,697.98	1/2		1/2		1/2		1/2		1/2	
3/4	2,650.94	3/4	2,914.10	3/4	3,177.26	3/4	3,440.42	3/4	3,703.42	3/4		3/4		3/4		3/4		3/4	
2	2,656.42	2	2,919.58	2	3,182.74	2	3,445.90	2	3,708.85	2		2		2		2		2	
1/4	2,661.90	1/4	2,925.06	1/4	3,188.22	1/4	3,451.38	1/4	3,713.42	1/4		1/4		1/4		1/4		1/4	
1/2	2,667.39	1/2	2,930.55	1/2	3,193.71	1/2	3,456.87	1/2	3,717.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,672.87	3/4	2,936.03	3/4	3,199.19	3/4	3,462.35	3/4	3,722.55	3/4		3/4		3/4		3/4		3/4	
3	2,678.35	3	2,941.51	3	3,204.67	3	3,467.83	3	3,727.12	3		3		3		3		3	
1/4	2,683.83	1/4	2,946.99	1/4	3,210.15	1/4	3,473.31	1/4	3,729.86	1/4		1/4		1/4		1/4		1/4	
1/2	2,689.32	1/2	2,952.48	1/2	3,215.64	1/2	3,478.80	1/2	3,732.60	1/2		1/2		1/2		1/2		1/2	
3/4	2,694.80	3/4	2,957.96	3/4	3,221.12	3/4	3,484.28	3/4	3,735.34	3/4		3/4		3/4		3/4		3/4	
4	2,700.28	4	2,963.44	4	3,226.60	4	3,489.76	4	3,738.09	4		4		4		4		4	
1/4	2,705.76	1/4	2,968.92	1/4	3,232.08	1/4	3,495.24	1/4	3,739.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,711.25	1/2	2,974.41	1/2	3,237.57	1/2	3,500.73	1/2	3,739.91	1/2		1/2		1/2		1/2		1/2	
3/4	2,716.73	3/4	2,979.89	3/4	3,243.05	3/4	3,506.21	3/4	3,740.83	3/4		3/4		3/4		3/4		3/4	
5	2,722.21	5	2,985.37	5	3,248.53	5	3,511.69	5	3,741.74	5		5		5		5		5	
1/4	2,727.69	1/4	2,990.85	1/4	3,254.01	1/4	3,517.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,733.18	1/2	2,996.34	1/2	3,259.50	1/2	3,522.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,738.66	3/4	3,001.82	3/4	3,264.98	3/4	3,528.14	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,744.14	6	3,007.30	6	3,270.46	6	3,533.62	6		6		6		6		6		6	
1/4	2,749.62	1/4	3,012.78	1/4	3,275.94	1/4	3,539.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,755.11	1/2	3,018.27	1/2	3,281.43	1/2	3,544.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,760.59	3/4	3,023.75	3/4	3,286.91	3/4	3,550.07	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,766.07	7	3,029.23	7	3,292.39	7	3,555.55	7		7		7		7		7		7	
1/4	2,771.55	1/4	3,034.71	1/4	3,297.87	1/4	3,561.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,777.04	1/2	3,040.20	1/2	3,303.36	1/2	3,566.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,782.52	3/4	3,045.68	3/4	3,308.84	3/4	3,572.00	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,788.00	8	3,051.16	8	3,314.32	8	3,577.48	8		8		8		8		8		8	
1/4	2,793.48	1/4	3,056.64	1/4	3,319.80	1/4	3,582.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,798.97	1/2	3,062.13	1/2	3,325.29	1/2	3,588.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,804.45	3/4	3,067.61	3/4	3,330.77	3/4	3,593.93	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,809.93	9	3,073.09	9	3,336.25	9	3,599.41	9		9		9		9		9		9	
1/4	2,815.41	1/4	3,078.57	1/4	3,341.73	1/4	3,604.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,820.90	1/2	3,084.06	1/2	3,347.22	1/2	3,610.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,826.38	3/4	3,089.54	3/4	3,352.70	3/4	3,615.86	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,831.86	10	3,095.02	10	3,358.18	10	3,621.34	10		10		10		10		10		10	
1/4	2,837.34	1/4	3,100.50	1/4	3,363.66	1/4	3,626.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,842.83	1/2	3,105.99	1/2	3,369.15	1/2	3,632.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,848.31	3/4	3,111.47	3/4	3,374.63	3/4	3,637.79	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,853.79	11	3,116.95	11	3,380.11	11	3,643.27	11		11		11		11		11		11	
1/4	2,859.27	1/4	3,122.43	1/4	3,385.59	1/4	3,648.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,864.76	1/2	3,127.92	1/2	3,391.08	1/2	3,654.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,870.24	3/4	3,133.40	3/4	3,396.56	3/4	3,659.73	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/16/2017 SW
CALCULATED: 06/16/2017 CL
PRINTED: 06/19/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "LB 5"

3 CENTER INNAGE 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	4.40	0	243.26	0	504.80	0	764.81	0	1,026.17	0	1,287.70	0	1,549.23	0	1,810.77	0	2,072.30	0	2,333.83
1/4	7.13	1/4	248.71	1/4	510.19	1/4	770.24	1/4	1,031.62	1/4	1,293.15	1/4	1,554.68	1/4	1,816.21	1/4	2,077.75	1/4	2,339.28
1/2	9.85	1/2	254.16	1/2	515.57	1/2	775.67	1/2	1,037.06	1/2	1,298.60	1/2	1,560.13	1/2	1,821.66	1/2	2,083.20	1/2	2,344.73
3/4	12.58	3/4	259.60	3/4	520.96	3/4	781.10	3/4	1,042.51	3/4	1,304.05	3/4	1,565.58	3/4	1,827.11	3/4	2,088.64	3/4	2,350.18
1	15.30	1	265.05	1	526.34	1	786.53	1	1,047.96	1	1,309.49	1	1,571.03	1	1,832.56	1	2,094.09	1	2,355.63
1/4	19.83	1/4	270.50	1/4	531.72	1/4	791.96	1/4	1,053.41	1/4	1,314.94	1/4	1,576.48	1/4	1,838.01	1/4	2,099.54	1/4	2,361.07
1/2	24.37	1/2	275.95	1/2	537.11	1/2	797.40	1/2	1,058.86	1/2	1,320.39	1/2	1,581.92	1/2	1,843.46	1/2	2,104.99	1/2	2,366.52
3/4	28.90	3/4	281.40	3/4	542.49	3/4	802.84	3/4	1,064.31	3/4	1,325.84	3/4	1,587.37	3/4	1,848.91	3/4	2,110.44	3/4	2,371.97
2	33.43	2	286.85	2	547.88	2	808.27	2	1,069.76	2	1,331.29	2	1,592.82	2	1,854.35	2	2,115.89	2	2,377.42
1/4	38.77	1/4	292.30	1/4	553.26	1/4	813.71	1/4	1,075.20	1/4	1,336.74	1/4	1,598.27	1/4	1,859.80	1/4	2,121.34	1/4	2,382.87
1/2	44.11	1/2	297.75	1/2	558.64	1/2	819.15	1/2	1,080.65	1/2	1,342.19	1/2	1,603.72	1/2	1,865.25	1/2	2,126.78	1/2	2,388.32
3/4	49.44	3/4	303.20	3/4	564.03	3/4	824.58	3/4	1,086.10	3/4	1,347.63	3/4	1,609.17	3/4	1,870.70	3/4	2,132.23	3/4	2,393.77
3	54.78	3	308.64	3	569.41	3	830.02	3	1,091.55	3	1,353.08	3	1,614.62	3	1,876.15	3	2,137.68	3	2,399.21
1/4	59.73	1/4	314.09	1/4	574.80	1/4	835.47	1/4	1,097.00	1/4	1,358.53	1/4	1,620.06	1/4	1,881.60	1/4	2,143.13	1/4	2,404.66
1/2	64.68	1/2	319.54	1/2	580.18	1/2	840.91	1/2	1,102.45	1/2	1,363.98	1/2	1,625.51	1/2	1,887.05	1/2	2,148.58	1/2	2,410.11
3/4	69.64	3/4	324.99	3/4	585.56	3/4	846.36	3/4	1,107.90	3/4	1,369.43	3/4	1,630.96	3/4	1,892.49	3/4	2,154.03	3/4	2,415.56
4	74.59	4	330.44	4	590.95	4	851.81	4	1,113.34	4	1,374.88	4	1,636.41	4	1,897.94	4	2,159.48	4	2,421.01
1/4	79.13	1/4	335.89	1/4	596.40	1/4	857.26	1/4	1,118.79	1/4	1,380.33	1/4	1,641.86	1/4	1,903.39	1/4	2,164.92	1/4	2,426.46
1/2	83.68	1/2	341.34	1/2	601.84	1/2	862.71	1/2	1,124.24	1/2	1,385.77	1/2	1,647.31	1/2	1,908.84	1/2	2,170.37	1/2	2,431.91
3/4	88.23	3/4	346.79	3/4	607.29	3/4	868.16	3/4	1,129.69	3/4	1,391.22	3/4	1,652.76	3/4	1,914.29	3/4	2,175.82	3/4	2,437.35
5	92.78	5	352.24	5	612.74	5	873.61	5	1,135.14	5	1,396.67	5	1,658.20	5	1,919.74	5	2,181.27	5	2,442.80
1/4	97.76	1/4	357.68	1/4	618.17	1/4	879.06	1/4	1,140.59	1/4	1,402.12	1/4	1,663.65	1/4	1,925.19	1/4	2,186.72	1/4	2,448.25
1/2	102.75	1/2	363.13	1/2	623.60	1/2	884.50	1/2	1,146.04	1/2	1,407.57	1/2	1,669.10	1/2	1,930.63	1/2	2,192.17	1/2	2,453.70
3/4	107.74	3/4	368.58	3/4	629.03	3/4	889.95	3/4	1,151.49	3/4	1,413.02	3/4	1,674.55	3/4	1,936.08	3/4	2,197.62	3/4	2,459.15
6	112.73	6	374.03	6	634.46	6	895.40	6	1,156.93	6	1,418.47	6	1,680.00	6	1,941.53	6	2,203.06	6	2,464.60
1/4	118.15	1/4	379.48	1/4	639.89	1/4	900.85	1/4	1,162.38	1/4	1,423.92	1/4	1,685.45	1/4	1,946.98	1/4	2,208.51	1/4	2,470.05
1/2	123.57	1/2	384.93	1/2	645.33	1/2	906.30	1/2	1,167.83	1/2	1,429.36	1/2	1,690.90	1/2	1,952.43	1/2	2,213.96	1/2	2,475.49
3/4	128.99	3/4	390.38	3/4	650.76	3/4	911.75	3/4	1,173.28	3/4	1,434.81	3/4	1,696.35	3/4	1,957.88	3/4	2,219.41	3/4	2,480.94
7	134.41	7	395.83	7	656.19	7	917.20	7	1,178.73	7	1,440.26	7	1,701.79	7	1,963.33	7	2,224.86	7	2,486.39
1/4	139.84	1/4	401.28	1/4	661.62	1/4	922.64	1/4	1,184.18	1/4	1,445.71	1/4	1,707.24	1/4	1,968.78	1/4	2,230.31	1/4	2,491.84
1/2	145.27	1/2	406.72	1/2	667.05	1/2	928.09	1/2	1,189.63	1/2	1,451.16	1/2	1,712.69	1/2	1,974.22	1/2	2,235.76	1/2	2,497.29
3/4	150.69	3/4	412.17	3/4	672.48	3/4	933.54	3/4	1,195.07	3/4	1,456.61	3/4	1,718.14	3/4	1,979.67	3/4	2,241.21	3/4	2,502.74
8	156.12	8	417.62	8	677.91	8	938.99	8	1,200.52	8	1,462.06	8	1,723.59	8	1,985.12	8	2,246.65	8	2,508.19
1/4	161.56	1/4	423.07	1/4	683.34	1/4	944.44	1/4	1,205.97	1/4	1,467.50	1/4	1,729.04	1/4	1,990.57	1/4	2,252.10	1/4	2,513.64
1/2	166.99	1/2	428.52	1/2	688.77	1/2	949.89	1/2	1,211.42	1/2	1,472.95	1/2	1,734.49	1/2	1,996.02	1/2	2,257.55	1/2	2,519.08
3/4	172.43	3/4	433.97	3/4	694.20	3/4	955.34	3/4	1,216.87	3/4	1,478.40	3/4	1,739.93	3/4	2,001.47	3/4	2,263.00	3/4	2,524.53
9	177.87	9	439.42	9	699.63	9	960.78	9	1,222.32	9	1,483.85	9	1,745.38	9	2,006.92	9	2,268.45	9	2,529.98
1/4	183.32	1/4	444.87	1/4	705.07	1/4	966.23	1/4	1,227.77	1/4	1,489.30	1/4	1,750.83	1/4	2,012.36	1/4	2,273.90	1/4	2,535.43
1/2	188.77	1/2	450.32	1/2	710.50	1/2	971.68	1/2	1,233.21	1/2	1,494.75	1/2	1,756.28	1/2	2,017.81	1/2	2,279.35	1/2	2,540.88
3/4	194.22	3/4	455.76	3/4	715.93	3/4	977.13	3/4	1,238.66	3/4	1,500.20	3/4	1,761.73	3/4	2,023.26	3/4	2,284.79	3/4	2,546.33
10	199.67	10	461.21	10	721.36	10	982.58	10	1,244.11	10	1,505.64	10	1,767.18	10	2,028.71	10	2,290.24	10	2,551.78
1/4	205.12	1/4	466.66	1/4	726.79	1/4	988.03	1/4	1,249.56	1/4	1,511.09	1/4	1,772.63	1/4	2,034.16	1/4	2,295.69	1/4	2,557.22
1/2	210.56	1/2	472.11	1/2	732.22	1/2	993.48	1/2	1,255.01	1/2	1,516.54	1/2	1,778.07	1/2	2,039.61	1/2	2,301.14	1/2	2,562.67
3/4	216.01	3/4	477.56	3/4	737.65	3/4	998.92	3/4	1,260.46	3/4	1,521.99	3/4	1,783.52	3/4	2,045.06	3/4	2,306.59	3/4	2,568.12
11	221.46	11	483.01	11	743.08	11	1,004.37	11	1,265.91	11	1,527.44	11	1,788.97	11	2,050.50	11	2,312.04	11	2,573.57
1/4	226.91	1/4	488.46	1/4	748.51	1/4	1,009.82	1/4	1,271.35	1/4	1,532.89	1/4	1,794.42	1/4	2,055.95	1/4	2,317.49	1/4	2,579.02
1/2	232.36	1/2	493.91	1/2	753.94	1/2	1,015.27	1/2	1,276.80	1/2	1,538.34	1/2	1,799.87	1/2	2,061.40	1/2	2,322.93	1/2	2,584.47
3/4	237.81	3/4	499.36	3/4	759.37	3/4	1,020.72	3/4	1,282.25	3/4	1,543.78	3/4	1,805.32	3/4	2,066.85	3/4	2,328.38	3/4	2,589.92

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 INNAGE 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.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "LB 5"

3 CENTER INNAGE 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	2,595.36	0	2,856.90	0	3,118.06	0	3,378.13	0	3,638.18	0		0		0		0		0	
1/4	2,600.81	1/4	2,862.35	1/4	3,123.48	1/4	3,383.55	1/4	3,643.59	1/4		1/4		1/4		1/4		1/4	
1/2	2,606.26	1/2	2,867.79	1/2	3,128.90	1/2	3,388.97	1/2	3,649.00	1/2		1/2		1/2		1/2		1/2	
3/4	2,611.71	3/4	2,873.24	3/4	3,134.32	3/4	3,394.39	3/4	3,654.40	3/4		3/4		3/4		3/4		3/4	
1	2,617.16	1	2,878.69	1	3,139.74	1	3,399.80	1	3,659.81	1		1		1		1		1	
1/4	2,622.61	1/4	2,884.14	1/4	3,145.15	1/4	3,405.22	1/4	3,665.18	1/4		1/4		1/4		1/4		1/4	
1/2	2,628.06	1/2	2,889.59	1/2	3,150.57	1/2	3,410.64	1/2	3,670.55	1/2		1/2		1/2		1/2		1/2	
3/4	2,633.50	3/4	2,895.04	3/4	3,155.99	3/4	3,416.06	3/4	3,675.93	3/4		3/4		3/4		3/4		3/4	
2	2,638.95	2	2,900.49	2	3,161.41	2	3,421.48	2	3,681.30	2		2		2		2		2	
1/4	2,644.40	1/4	2,905.93	1/4	3,166.83	1/4	3,426.90	1/4	3,685.84	1/4		1/4		1/4		1/4		1/4	
1/2	2,649.85	1/2	2,911.38	1/2	3,172.24	1/2	3,432.31	1/2	3,690.38	1/2		1/2		1/2		1/2		1/2	
3/4	2,655.30	3/4	2,916.83	3/4	3,177.66	3/4	3,437.73	3/4	3,694.92	3/4		3/4		3/4		3/4		3/4	
3	2,660.75	3	2,922.28	3	3,183.08	3	3,443.15	3	3,699.46	3		3		3		3		3	
1/4	2,666.20	1/4	2,927.73	1/4	3,188.50	1/4	3,448.57	1/4	3,702.18	1/4		1/4		1/4		1/4		1/4	
1/2	2,671.64	1/2	2,933.18	1/2	3,193.92	1/2	3,453.99	1/2	3,704.90	1/2		1/2		1/2		1/2		1/2	
3/4	2,677.09	3/4	2,938.63	3/4	3,199.34	3/4	3,459.40	3/4	3,707.63	3/4		3/4		3/4		3/4		3/4	
4	2,682.54	4	2,944.07	4	3,204.75	4	3,464.82	4	3,710.35	4		4		4		4		4	
1/4	2,687.99	1/4	2,949.52	1/4	3,210.17	1/4	3,470.24	1/4	3,711.26	1/4		1/4		1/4		1/4		1/4	
1/2	2,693.44	1/2	2,954.97	1/2	3,215.59	1/2	3,475.66	1/2	3,712.17	1/2		1/2		1/2		1/2		1/2	
3/4	2,698.89	3/4	2,960.42	3/4	3,221.01	3/4	3,481.08	3/4	3,713.08	3/4		3/4		3/4		3/4		3/4	
5	2,704.34	5	2,965.87	5	3,226.43	5	3,486.49	5	3,713.98	5		5		5		5		5	
1/4	2,709.78	1/4	2,971.32	1/4	3,231.84	1/4	3,491.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,715.23	1/2	2,976.77	1/2	3,237.26	1/2	3,497.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,720.68	3/4	2,982.21	3/4	3,242.68	3/4	3,502.75	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,726.13	6	2,987.66	6	3,248.10	6	3,508.17	6		6		6		6		6		6	
1/4	2,731.58	1/4	2,993.11	1/4	3,253.52	1/4	3,513.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,737.03	1/2	2,998.56	1/2	3,258.93	1/2	3,519.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,742.48	3/4	3,004.01	3/4	3,264.35	3/4	3,524.42	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,747.92	7	3,009.46	7	3,269.77	7	3,529.84	7		7		7		7		7		7	
1/4	2,753.37	1/4	3,014.91	1/4	3,275.19	1/4	3,535.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,758.82	1/2	3,020.35	1/2	3,280.61	1/2	3,540.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,764.27	3/4	3,025.80	3/4	3,286.02	3/4	3,546.09	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,769.72	8	3,031.25	8	3,291.44	8	3,551.51	8		8		8		8		8		8	
1/4	2,775.17	1/4	3,036.70	1/4	3,296.86	1/4	3,556.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,780.62	1/2	3,042.15	1/2	3,302.28	1/2	3,562.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,786.07	3/4	3,047.60	3/4	3,307.70	3/4	3,567.77	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,791.51	9	3,053.05	9	3,313.12	9	3,573.18	9		9		9		9		9		9	
1/4	2,796.96	1/4	3,058.46	1/4	3,318.53	1/4	3,578.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,802.41	1/2	3,063.88	1/2	3,323.95	1/2	3,584.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,807.86	3/4	3,069.30	3/4	3,329.37	3/4	3,589.44	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,813.31	10	3,074.72	10	3,334.79	10	3,594.86	10		10		10		10		10		10	
1/4	2,818.76	1/4	3,080.14	1/4	3,340.21	1/4	3,600.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,824.21	1/2	3,085.56	1/2	3,345.62	1/2	3,605.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,829.65	3/4	3,090.97	3/4	3,351.04	3/4	3,611.11	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,835.10	11	3,096.39	11	3,356.46	11	3,616.53	11		11		11		11		11		11	
1/4	2,840.55	1/4	3,101.81	1/4	3,361.88	1/4	3,621.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,846.00	1/2	3,107.23	1/2	3,367.30	1/2	3,627.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,851.45	3/4	3,112.65	3/4	3,372.71	3/4	3,632.77	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/16/2017 SW
CALCULATED: 06/16/2017 CL
PRINTED: 06/19/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2017

PRECISION MEASUREMENT
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