



BARGE CTC29107

INNAGE TRIM TABLE

	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 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
1 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(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 1 PORT IS 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

June 1, 2021

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE CTC29107

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	10.19	0	260.87	0	543.90	0	849.30	0	1,176.78	0	1,509.36	0	1,841.95	0	2,174.47	0	2,506.93	0	2,839.38
1/4	13.53	1/4	266.56	1/4	550.04	1/4	855.93	1/4	1,183.71	1/4	1,516.29	1/4	1,848.88	1/4	2,181.40	1/4	2,513.85	1/4	2,846.30
1/2	16.87	1/2	272.24	1/2	556.17	1/2	862.57	1/2	1,190.64	1/2	1,523.22	1/2	1,855.80	1/2	2,188.33	1/2	2,520.78	1/2	2,853.23
3/4	20.21	3/4	277.92	3/4	562.30	3/4	869.20	3/4	1,197.57	3/4	1,530.15	3/4	1,862.73	3/4	2,195.25	3/4	2,527.70	3/4	2,860.16
1	23.55	1	283.60	1	568.43	1	875.83	1	1,204.50	1	1,537.08	1	1,869.66	1	2,202.18	1	2,534.63	1	2,867.08
1/4	28.22	1/4	289.32	1/4	574.61	1/4	882.50	1/4	1,211.43	1/4	1,544.01	1/4	1,876.59	1/4	2,209.10	1/4	2,541.56	1/4	2,874.01
1/2	32.89	1/2	295.04	1/2	580.78	1/2	889.17	1/2	1,218.35	1/2	1,550.94	1/2	1,883.52	1/2	2,216.03	1/2	2,548.48	1/2	2,880.94
3/4	37.56	3/4	300.76	3/4	586.96	3/4	895.85	3/4	1,225.28	3/4	1,557.87	3/4	1,890.45	3/4	2,222.96	3/4	2,555.41	3/4	2,887.86
2	42.24	2	306.47	2	593.13	2	902.52	2	1,232.21	2	1,564.79	2	1,897.38	2	2,229.88	2	2,562.33	2	2,894.79
1/4	47.52	1/4	312.23	1/4	599.35	1/4	909.23	1/4	1,239.14	1/4	1,571.72	1/4	1,904.31	1/4	2,236.81	1/4	2,569.26	1/4	2,901.71
1/2	52.81	1/2	317.99	1/2	605.56	1/2	915.94	1/2	1,246.07	1/2	1,578.65	1/2	1,911.23	1/2	2,243.73	1/2	2,576.19	1/2	2,908.64
3/4	58.10	3/4	323.75	3/4	611.78	3/4	922.65	3/4	1,253.00	3/4	1,585.58	3/4	1,918.16	3/4	2,250.66	3/4	2,583.11	3/4	2,915.57
3	63.39	3	329.51	3	617.99	3	929.36	3	1,259.93	3	1,592.51	3	1,925.09	3	2,257.59	3	2,590.04	3	2,922.49
1/4	68.72	1/4	335.31	1/4	624.25	1/4	936.11	1/4	1,266.86	1/4	1,599.44	1/4	1,932.02	1/4	2,264.51	1/4	2,596.97	1/4	2,929.42
1/2	74.04	1/2	341.11	1/2	630.50	1/2	942.87	1/2	1,273.79	1/2	1,606.37	1/2	1,938.95	1/2	2,271.44	1/2	2,603.89	1/2	2,936.34
3/4	79.37	3/4	346.91	3/4	636.75	3/4	949.62	3/4	1,280.71	3/4	1,613.30	3/4	1,945.88	3/4	2,278.36	3/4	2,610.82	3/4	2,943.27
4	84.70	4	352.71	4	643.01	4	956.37	4	1,287.64	4	1,620.23	4	1,952.81	4	2,285.29	4	2,617.74	4	2,950.20
1/4	90.07	1/4	358.55	1/4	649.30	1/4	963.16	1/4	1,294.57	1/4	1,627.15	1/4	1,959.74	1/4	2,292.22	1/4	2,624.67	1/4	2,957.12
1/2	95.43	1/2	364.39	1/2	655.60	1/2	969.95	1/2	1,301.50	1/2	1,634.08	1/2	1,966.67	1/2	2,299.14	1/2	2,631.60	1/2	2,964.05
3/4	100.80	3/4	370.23	3/4	661.89	3/4	976.74	3/4	1,308.43	3/4	1,641.01	3/4	1,973.59	3/4	2,306.07	3/4	2,638.52	3/4	2,970.98
5	106.17	5	376.07	5	668.18	5	983.53	5	1,315.36	5	1,647.94	5	1,980.52	5	2,313.00	5	2,645.45	5	2,977.91
1/4	111.57	1/4	381.96	1/4	674.52	1/4	990.36	1/4	1,322.29	1/4	1,654.87	1/4	1,987.45	1/4	2,319.92	1/4	2,652.37	1/4	2,984.83
1/2	116.98	1/2	387.84	1/2	680.85	1/2	997.19	1/2	1,329.22	1/2	1,661.80	1/2	1,994.38	1/2	2,326.85	1/2	2,659.30	1/2	2,991.76
3/4	122.39	3/4	393.72	3/4	687.19	3/4	1,004.02	3/4	1,336.14	3/4	1,668.73	3/4	2,001.31	3/4	2,333.77	3/4	2,666.23	3/4	2,998.68
6	127.79	6	399.60	6	693.52	6	1,010.85	6	1,343.07	6	1,675.66	6	2,008.24	6	2,340.70	6	2,673.15	6	3,005.61
1/4	133.24	1/4	405.52	1/4	699.90	1/4	1,017.72	1/4	1,350.00	1/4	1,682.58	1/4	2,015.17	1/4	2,347.63	1/4	2,680.08	1/4	3,012.54
1/2	138.69	1/2	411.44	1/2	706.28	1/2	1,024.59	1/2	1,356.93	1/2	1,689.51	1/2	2,022.10	1/2	2,354.55	1/2	2,687.00	1/2	3,019.46
3/4	144.13	3/4	417.36	3/4	712.66	3/4	1,031.46	3/4	1,363.86	3/4	1,696.44	3/4	2,029.02	3/4	2,361.48	3/4	2,693.93	3/4	3,026.39
7	149.58	7	423.28	7	719.04	7	1,038.33	7	1,370.79	7	1,703.37	7	2,035.95	7	2,368.40	7	2,700.86	7	3,033.31
1/4	155.06	1/4	429.24	1/4	725.47	1/4	1,045.23	1/4	1,377.72	1/4	1,710.30	1/4	2,042.88	1/4	2,375.33	1/4	2,707.78	1/4	3,040.24
1/2	160.55	1/2	435.20	1/2	731.90	1/2	1,052.13	1/2	1,384.65	1/2	1,717.23	1/2	2,049.80	1/2	2,382.26	1/2	2,714.71	1/2	3,047.17
3/4	166.03	3/4	441.16	3/4	738.34	3/4	1,059.04	3/4	1,391.57	3/4	1,724.16	3/4	2,056.73	3/4	2,389.18	3/4	2,721.64	3/4	3,054.09
8	171.52	8	447.12	8	744.77	8	1,065.94	8	1,398.50	8	1,731.09	8	2,063.66	8	2,396.11	8	2,728.56	8	3,061.02
1/4	177.05	1/4	453.12	1/4	751.24	1/4	1,072.87	1/4	1,405.43	1/4	1,738.01	1/4	2,070.58	1/4	2,403.03	1/4	2,735.49	1/4	3,067.94
1/2	182.57	1/2	459.12	1/2	757.72	1/2	1,079.79	1/2	1,412.36	1/2	1,744.94	1/2	2,077.51	1/2	2,409.96	1/2	2,742.41	1/2	3,074.87
3/4	188.10	3/4	465.12	3/4	764.19	3/4	1,086.71	3/4	1,419.29	3/4	1,751.87	3/4	2,084.43	3/4	2,416.89	3/4	2,749.34	3/4	3,081.80
9	193.62	9	471.12	9	770.66	9	1,093.64	9	1,426.22	9	1,758.80	9	2,091.36	9	2,423.81	9	2,756.27	9	3,088.72
1/4	199.19	1/4	477.16	1/4	777.18	1/4	1,100.57	1/4	1,433.15	1/4	1,765.73	1/4	2,098.29	1/4	2,430.74	1/4	2,763.19	1/4	3,095.65
1/2	204.75	1/2	483.19	1/2	783.69	1/2	1,107.49	1/2	1,440.08	1/2	1,772.66	1/2	2,105.21	1/2	2,437.66	1/2	2,770.12	1/2	3,102.57
3/4	210.32	3/4	489.23	3/4	790.20	3/4	1,114.42	3/4	1,447.01	3/4	1,779.59	3/4	2,112.14	3/4	2,444.59	3/4	2,777.04	3/4	3,109.50
10	215.88	10	495.26	10	796.72	10	1,121.35	10	1,453.93	10	1,786.52	10	2,119.06	10	2,451.52	10	2,783.97	10	3,116.43
1/4	221.49	1/4	501.33	1/4	803.27	1/4	1,128.28	1/4	1,460.86	1/4	1,793.45	1/4	2,125.99	1/4	2,458.44	1/4	2,790.90	1/4	3,123.35
1/2	227.09	1/2	507.39	1/2	809.82	1/2	1,135.21	1/2	1,467.79	1/2	1,800.37	1/2	2,132.92	1/2	2,465.37	1/2	2,797.82	1/2	3,130.28
3/4	232.69	3/4	513.46	3/4	816.38	3/4	1,142.14	3/4	1,474.72	3/4	1,807.30	3/4	2,139.84	3/4	2,472.30	3/4	2,804.75	3/4	3,137.20
11	238.30	11	519.52	11	822.93	11	1,149.07	11	1,481.65	11	1,814.23	11	2,146.77	11	2,479.22	11	2,811.67	11	3,144.13
1/4	243.94	1/4	525.62	1/4	829.59	1/4	1,156.00	1/4	1,488.58	1/4	1,821.16	1/4	2,153.69	1/4	2,486.15	1/4	2,818.60	1/4	3,151.06
1/2	249.59	1/2	531.71	1/2	836.12	1/2	1,162.92	1/2	1,495.51	1/2	1,828.09	1/2	2,160.62	1/2	2,493.07	1/2	2,825.53	1/2	3,157.98
3/4	255.23	3/4	537.81	3/4	842.71	3/4	1,169.85	3/4	1,502.44	3/4	1,835.02	3/4	2,167.55	3/4	2,500.00	3/4	2,832.45	3/4	3,164.91

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 ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE CTC29107

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,171.83	0	3,504.28	0	3,835.39	0	4,153.39	0	4,454.89	0		0		0		0		0	
1/4	3,178.76	1/4	3,511.21	1/4	3,842.17	1/4	4,159.82	1/4	4,461.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,185.69	1/2	3,518.13	1/2	3,848.95	1/2	4,166.24	1/2	4,467.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,192.61	3/4	3,525.06	3/4	3,855.73	3/4	4,172.67	3/4	4,473.82	3/4		3/4		3/4		3/4		3/4	
1	3,199.54	1	3,531.99	1	3,862.52	1	4,179.10	1	4,480.13	1		1		1		1		1	
1/4	3,206.46	1/4	3,538.91	1/4	3,869.27	1/4	4,185.50	1/4	4,486.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,213.39	1/2	3,545.84	1/2	3,876.03	1/2	4,191.89	1/2	4,493.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,220.32	3/4	3,552.76	3/4	3,882.78	3/4	4,198.29	3/4	4,500.21	3/4		3/4		3/4		3/4		3/4	
2	3,227.24	2	3,559.69	2	3,889.54	2	4,204.69	2	4,506.90	2		2		2		2		2	
1/4	3,234.17	1/4	3,566.62	1/4	3,896.27	1/4	4,211.07	1/4	4,513.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,241.09	1/2	3,573.54	1/2	3,902.99	1/2	4,217.44	1/2	4,520.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,248.02	3/4	3,580.47	3/4	3,909.72	3/4	4,223.81	3/4	4,527.56	3/4		3/4		3/4		3/4		3/4	
3	3,254.95	3	3,587.39	3	3,916.45	3	4,230.19	3	4,534.44	3		3		3		3		3	
1/4	3,261.87	1/4	3,594.32	1/4	3,923.15	1/4	4,236.53	1/4	4,541.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,268.80	1/2	3,601.25	1/2	3,929.86	1/2	4,242.88	1/2	4,548.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,275.72	3/4	3,608.17	3/4	3,936.56	3/4	4,249.23	3/4	4,554.84	3/4		3/4		3/4		3/4		3/4	
4	3,282.65	4	3,615.10	4	3,943.26	4	4,255.57	4	4,561.64	4		4		4		4		4	
1/4	3,289.58	1/4	3,622.02	1/4	3,949.94	1/4	4,261.89	1/4	4,567.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,296.50	1/2	3,628.95	1/2	3,956.61	1/2	4,268.21	1/2	4,573.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,303.43	3/4	3,635.88	3/4	3,963.29	3/4	4,274.54	3/4	4,579.96	3/4		3/4		3/4		3/4		3/4	
5	3,310.35	5	3,642.80	5	3,969.97	5	4,280.86	5	4,586.07	5		5		5		5		5	
1/4	3,317.28	1/4	3,649.73	1/4	3,976.62	1/4	4,287.15	1/4	4,590.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,324.21	1/2	3,656.65	1/2	3,983.27	1/2	4,293.44	1/2	4,595.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,331.13	3/4	3,663.58	3/4	3,989.92	3/4	4,299.74	3/4	4,600.49	3/4		3/4		3/4		3/4		3/4	
6	3,338.06	6	3,670.51	6	3,996.57	6	4,306.03	6	4,605.29	6		6		6		6		6	
1/4	3,344.98	1/4	3,677.43	1/4	4,003.19	1/4	4,312.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,351.91	1/2	3,684.35	1/2	4,009.81	1/2	4,318.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,358.84	3/4	3,691.28	3/4	4,016.44	3/4	4,324.84	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,365.76	7	3,698.20	7	4,023.06	7	4,331.11	7		7		7		7		7		7	
1/4	3,372.69	1/4	3,705.11	1/4	4,029.66	1/4	4,337.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,379.61	1/2	3,712.02	1/2	4,036.25	1/2	4,343.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,386.54	3/4	3,718.93	3/4	4,042.85	3/4	4,349.83	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,393.47	8	3,725.84	8	4,049.45	8	4,356.07	8		8		8		8		8		8	
1/4	3,400.39	1/4	3,732.72	1/4	4,056.00	1/4	4,362.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,407.32	1/2	3,739.61	1/2	4,062.55	1/2	4,368.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,414.24	3/4	3,746.50	3/4	4,069.10	3/4	4,374.72	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,421.17	9	3,753.38	9	4,075.65	9	4,380.93	9		9		9		9		9		9	
1/4	3,428.10	1/4	3,760.24	1/4	4,082.16	1/4	4,387.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,435.02	1/2	3,767.10	1/2	4,088.66	1/2	4,393.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,441.95	3/4	3,773.96	3/4	4,095.17	3/4	4,399.50	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,448.87	10	3,780.82	10	4,101.67	10	4,405.69	10		10		10		10		10		10	
1/4	3,455.80	1/4	3,787.66	1/4	4,108.15	1/4	4,411.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,462.73	1/2	3,794.49	1/2	4,114.63	1/2	4,418.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,469.65	3/4	3,801.33	3/4	4,121.11	3/4	4,424.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,476.58	11	3,808.16	11	4,127.58	11	4,430.34	11		11		11		11		11		11	
1/4	3,483.50	1/4	3,814.97	1/4	4,134.04	1/4	4,436.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,490.43	1/2	3,821.78	1/2	4,140.49	1/2	4,442.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,497.36	3/4	3,828.58	3/4	4,146.94	3/4	4,448.75	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	10.16	0	259.96	0	542.01	0	845.90	0	1,171.73	0	1,503.20	0	1,834.67	0	2,166.10	0	2,497.44	0	2,828.78
1/4	13.49	1/4	265.62	1/4	548.12	1/4	852.49	1/4	1,178.64	1/4	1,510.11	1/4	1,841.57	1/4	2,173.00	1/4	2,504.34	1/4	2,835.69
1/2	16.81	1/2	271.28	1/2	554.23	1/2	859.08	1/2	1,185.54	1/2	1,517.01	1/2	1,848.48	1/2	2,179.90	1/2	2,511.25	1/2	2,842.59
3/4	20.14	3/4	276.94	3/4	560.35	3/4	865.67	3/4	1,192.45	3/4	1,523.92	3/4	1,855.39	3/4	2,186.81	3/4	2,518.15	3/4	2,849.49
1	23.47	1	282.61	1	566.46	1	872.26	1	1,199.35	1	1,530.82	1	1,862.29	1	2,193.71	1	2,525.05	1	2,856.40
1/4	28.12	1/4	288.30	1/4	572.61	1/4	878.88	1/4	1,206.26	1/4	1,537.73	1/4	1,869.20	1/4	2,200.61	1/4	2,531.96	1/4	2,863.30
1/2	32.78	1/2	294.00	1/2	578.76	1/2	885.51	1/2	1,213.16	1/2	1,544.63	1/2	1,876.10	1/2	2,207.51	1/2	2,538.86	1/2	2,870.20
3/4	37.43	3/4	299.70	3/4	584.92	3/4	892.14	3/4	1,220.07	3/4	1,551.54	3/4	1,883.01	3/4	2,214.42	3/4	2,545.76	3/4	2,877.11
2	42.09	2	305.40	2	591.07	2	898.77	2	1,226.98	2	1,558.44	2	1,889.91	2	2,221.32	2	2,552.66	2	2,884.01
1/4	47.36	1/4	311.14	1/4	597.26	1/4	905.44	1/4	1,233.88	1/4	1,565.35	1/4	1,896.82	1/4	2,228.22	1/4	2,559.57	1/4	2,890.91
1/2	52.62	1/2	316.88	1/2	603.46	1/2	912.10	1/2	1,240.79	1/2	1,572.26	1/2	1,903.72	1/2	2,235.13	1/2	2,566.47	1/2	2,897.81
3/4	57.89	3/4	322.61	3/4	609.65	3/4	918.77	3/4	1,247.69	3/4	1,579.16	3/4	1,910.63	3/4	2,242.03	3/4	2,573.37	3/4	2,904.72
3	63.16	3	328.35	3	615.85	3	925.44	3	1,254.60	3	1,586.07	3	1,917.54	3	2,248.93	3	2,580.28	3	2,911.62
1/4	68.47	1/4	334.13	1/4	622.08	1/4	932.15	1/4	1,261.50	1/4	1,592.97	1/4	1,924.44	1/4	2,255.84	1/4	2,587.18	1/4	2,918.52
1/2	73.78	1/2	339.91	1/2	628.31	1/2	938.85	1/2	1,268.41	1/2	1,599.88	1/2	1,931.35	1/2	2,262.74	1/2	2,594.08	1/2	2,925.43
3/4	79.09	3/4	345.69	3/4	634.54	3/4	945.56	3/4	1,275.32	3/4	1,606.78	3/4	1,938.25	3/4	2,269.64	3/4	2,600.99	3/4	2,932.33
4	84.40	4	351.47	4	640.78	4	952.27	4	1,282.22	4	1,613.69	4	1,945.16	4	2,276.54	4	2,607.89	4	2,939.23
1/4	89.75	1/4	357.29	1/4	647.05	1/4	959.01	1/4	1,289.13	1/4	1,620.60	1/4	1,952.06	1/4	2,283.45	1/4	2,614.79	1/4	2,946.14
1/2	95.09	1/2	363.12	1/2	653.32	1/2	965.76	1/2	1,296.03	1/2	1,627.50	1/2	1,958.97	1/2	2,290.35	1/2	2,621.69	1/2	2,953.04
3/4	100.44	3/4	368.94	3/4	659.60	3/4	972.50	3/4	1,302.94	3/4	1,634.41	3/4	1,965.88	3/4	2,297.25	3/4	2,628.60	3/4	2,959.95
5	105.79	5	374.76	5	665.87	5	979.25	5	1,309.84	5	1,641.31	5	1,972.78	5	2,304.16	5	2,635.50	5	2,966.85
1/4	111.18	1/4	380.62	1/4	672.18	1/4	986.04	1/4	1,316.75	1/4	1,648.22	1/4	1,979.69	1/4	2,311.06	1/4	2,642.40	1/4	2,973.75
1/2	116.57	1/2	386.48	1/2	678.49	1/2	992.82	1/2	1,323.65	1/2	1,655.12	1/2	1,986.59	1/2	2,317.96	1/2	2,649.31	1/2	2,980.66
3/4	121.95	3/4	392.34	3/4	684.80	3/4	999.61	3/4	1,330.56	3/4	1,662.03	3/4	1,993.50	3/4	2,324.87	3/4	2,656.21	3/4	2,987.56
6	127.34	6	398.20	6	691.12	6	1,006.39	6	1,337.47	6	1,668.93	6	2,000.40	6	2,331.77	6	2,663.11	6	2,994.46
1/4	132.77	1/4	404.10	1/4	697.47	1/4	1,013.23	1/4	1,344.37	1/4	1,675.84	1/4	2,007.31	1/4	2,338.67	1/4	2,670.02	1/4	3,001.37
1/2	138.20	1/2	410.00	1/2	703.81	1/2	1,020.07	1/2	1,351.28	1/2	1,682.75	1/2	2,014.21	1/2	2,345.57	1/2	2,676.92	1/2	3,008.27
3/4	143.62	3/4	415.90	3/4	710.16	3/4	1,026.90	3/4	1,358.18	3/4	1,689.65	3/4	2,021.12	3/4	2,352.48	3/4	2,683.82	3/4	3,015.17
7	149.05	7	421.80	7	716.51	7	1,033.74	7	1,365.09	7	1,696.56	7	2,028.03	7	2,359.38	7	2,690.72	7	3,022.07
1/4	154.52	1/4	427.74	1/4	722.90	1/4	1,040.62	1/4	1,371.99	1/4	1,703.46	1/4	2,034.93	1/4	2,366.28	1/4	2,697.63	1/4	3,028.98
1/2	159.98	1/2	433.68	1/2	729.29	1/2	1,047.50	1/2	1,378.90	1/2	1,710.37	1/2	2,041.84	1/2	2,373.19	1/2	2,704.53	1/2	3,035.88
3/4	165.45	3/4	439.62	3/4	735.68	3/4	1,054.38	3/4	1,385.80	3/4	1,717.27	3/4	2,048.74	3/4	2,380.09	3/4	2,711.43	3/4	3,042.78
8	170.92	8	445.56	8	742.06	8	1,061.26	8	1,392.71	8	1,724.18	8	2,055.65	8	2,386.99	8	2,718.34	8	3,049.69
1/4	176.42	1/4	451.54	1/4	748.49	1/4	1,068.16	1/4	1,399.62	1/4	1,731.08	1/4	2,062.55	1/4	2,393.90	1/4	2,725.24	1/4	3,056.59
1/2	181.93	1/2	457.52	1/2	754.92	1/2	1,075.06	1/2	1,406.52	1/2	1,737.99	1/2	2,069.46	1/2	2,400.80	1/2	2,732.14	1/2	3,063.49
3/4	187.43	3/4	463.50	3/4	761.36	3/4	1,081.96	3/4	1,413.43	3/4	1,744.90	3/4	2,076.36	3/4	2,407.70	3/4	2,739.05	3/4	3,070.39
9	192.94	9	469.48	9	767.79	9	1,088.86	9	1,420.33	9	1,751.80	9	2,083.26	9	2,414.60	9	2,745.95	9	3,077.30
1/4	198.48	1/4	475.49	1/4	774.26	1/4	1,095.77	1/4	1,427.24	1/4	1,758.71	1/4	2,090.16	1/4	2,421.51	1/4	2,752.85	1/4	3,084.20
1/2	204.03	1/2	481.51	1/2	780.73	1/2	1,102.68	1/2	1,434.14	1/2	1,765.61	1/2	2,097.07	1/2	2,428.41	1/2	2,759.75	1/2	3,091.10
3/4	209.58	3/4	487.52	3/4	787.20	3/4	1,109.58	3/4	1,441.05	3/4	1,772.52	3/4	2,103.97	3/4	2,435.31	3/4	2,766.66	3/4	3,098.01
10	215.12	10	493.54	10	793.67	10	1,116.49	10	1,447.96	10	1,779.42	10	2,110.87	10	2,442.22	10	2,773.56	10	3,104.91
1/4	220.71	1/4	499.58	1/4	800.18	1/4	1,123.39	1/4	1,454.86	1/4	1,786.33	1/4	2,117.78	1/4	2,449.12	1/4	2,780.46	1/4	3,111.81
1/2	226.29	1/2	505.63	1/2	806.69	1/2	1,130.30	1/2	1,461.77	1/2	1,793.24	1/2	2,124.68	1/2	2,456.02	1/2	2,787.37	1/2	3,118.71
3/4	231.88	3/4	511.67	3/4	813.20	3/4	1,137.20	3/4	1,468.67	3/4	1,800.14	3/4	2,131.58	3/4	2,462.93	3/4	2,794.27	3/4	3,125.62
11	237.46	11	517.71	11	819.71	11	1,144.11	11	1,475.58	11	1,807.05	11	2,138.48	11	2,469.83	11	2,801.17	11	3,132.52
1/4	243.08	1/4	523.79	1/4	826.26	1/4	1,151.01	1/4	1,482.48	1/4	1,813.95	1/4	2,145.39	1/4	2,476.73	1/4	2,808.08	1/4	3,139.42
1/2	248.71	1/2	529.86	1/2	832.80	1/2	1,157.92	1/2	1,489.39	1/2	1,820.86	1/2	2,152.29	1/2	2,483.63	1/2	2,814.98	1/2	3,146.33
3/4	254.33	3/4	535.94	3/4	839.35	3/4	1,164.83	3/4	1,496.29	3/4	1,827.76	3/4	2,159.19	3/4	2,490.54	3/4	2,821.88	3/4	3,153.23

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 ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,160.13	0	3,491.47	0	3,821.48	0	4,138.41	0	4,438.88	0		0		0		0		0	
1/4	3,167.04	1/4	3,498.37	1/4	3,828.23	1/4	4,144.81	1/4	4,445.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,173.94	1/2	3,505.28	1/2	3,834.99	1/2	4,151.22	1/2	4,451.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,180.84	3/4	3,512.18	3/4	3,841.75	3/4	4,157.62	3/4	4,457.74	3/4		3/4		3/4		3/4		3/4	
1	3,187.74	1	3,519.08	1	3,848.51	1	4,164.02	1	4,464.03	1		1		1		1		1	
1/4	3,194.65	1/4	3,525.99	1/4	3,855.24	1/4	4,170.40	1/4	4,470.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,201.55	1/2	3,532.89	1/2	3,861.98	1/2	4,176.78	1/2	4,477.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,208.45	3/4	3,539.79	3/4	3,868.71	3/4	4,183.16	3/4	4,484.04	3/4		3/4		3/4		3/4		3/4	
2	3,215.36	2	3,546.69	2	3,875.44	2	4,189.54	2	4,490.71	2		2		2		2		2	
1/4	3,222.26	1/4	3,553.60	1/4	3,882.15	1/4	4,195.89	1/4	4,497.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,229.16	1/2	3,560.50	1/2	3,888.85	1/2	4,202.24	1/2	4,504.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,236.06	3/4	3,567.40	3/4	3,895.56	3/4	4,208.59	3/4	4,511.30	3/4		3/4		3/4		3/4		3/4	
3	3,242.97	3	3,574.31	3	3,902.26	3	4,214.94	3	4,518.16	3		3		3		3		3	
1/4	3,249.87	1/4	3,581.21	1/4	3,908.94	1/4	4,221.27	1/4	4,524.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,256.77	1/2	3,588.11	1/2	3,915.62	1/2	4,227.59	1/2	4,531.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,263.68	3/4	3,595.02	3/4	3,922.30	3/4	4,233.92	3/4	4,538.49	3/4		3/4		3/4		3/4		3/4	
4	3,270.58	4	3,601.92	4	3,928.98	4	4,240.24	4	4,545.27	4		4		4		4		4	
1/4	3,277.48	1/4	3,608.82	1/4	3,935.64	1/4	4,246.54	1/4	4,551.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,284.38	1/2	3,615.72	1/2	3,942.29	1/2	4,252.84	1/2	4,557.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,291.29	3/4	3,622.63	3/4	3,948.95	3/4	4,259.14	3/4	4,563.53	3/4		3/4		3/4		3/4		3/4	
5	3,298.19	5	3,629.53	5	3,955.60	5	4,265.44	5	4,569.62	5		5		5		5		5	
1/4	3,305.09	1/4	3,636.43	1/4	3,962.23	1/4	4,271.71	1/4	4,574.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,312.00	1/2	3,643.34	1/2	3,968.85	1/2	4,277.99	1/2	4,579.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,318.90	3/4	3,650.24	3/4	3,975.48	3/4	4,284.26	3/4	4,583.99	3/4		3/4		3/4		3/4		3/4	
6	3,325.80	6	3,657.14	6	3,982.11	6	4,290.53	6	4,588.78	6		6		6		6		6	
1/4	3,332.70	1/4	3,664.04	1/4	3,988.71	1/4	4,296.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,339.61	1/2	3,670.94	1/2	3,995.31	1/2	4,303.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,346.51	3/4	3,677.84	3/4	4,001.91	3/4	4,309.27	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,353.41	7	3,684.74	7	4,008.51	7	4,315.52	7		7		7		7		7		7	
1/4	3,360.32	1/4	3,691.63	1/4	4,015.09	1/4	4,321.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,367.22	1/2	3,698.52	1/2	4,021.66	1/2	4,327.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,374.12	3/4	3,705.40	3/4	4,028.24	3/4	4,334.18	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,381.03	8	3,712.29	8	4,034.81	8	4,340.40	8		8		8		8		8		8	
1/4	3,387.93	1/4	3,719.15	1/4	4,041.34	1/4	4,346.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,394.83	1/2	3,726.02	1/2	4,047.87	1/2	4,352.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,401.73	3/4	3,732.88	3/4	4,054.40	3/4	4,358.98	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,408.64	9	3,739.74	9	4,060.93	9	4,365.18	9		9		9		9		9		9	
1/4	3,415.54	1/4	3,746.58	1/4	4,067.41	1/4	4,371.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,422.44	1/2	3,753.42	1/2	4,073.90	1/2	4,377.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,429.35	3/4	3,760.25	3/4	4,080.38	3/4	4,383.68	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,436.25	10	3,767.09	10	4,086.86	10	4,389.85	10		10		10		10		10		10	
1/4	3,443.15	1/4	3,773.90	1/4	4,093.32	1/4	4,395.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,450.05	1/2	3,780.71	1/2	4,099.77	1/2	4,402.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,456.96	3/4	3,787.53	3/4	4,106.23	3/4	4,408.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,463.86	11	3,794.34	11	4,112.69	11	4,414.41	11		11		11		11		11		11	
1/4	3,470.76	1/4	3,801.12	1/4	4,119.12	1/4	4,420.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,477.67	1/2	3,807.91	1/2	4,125.55	1/2	4,426.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,484.57	3/4	3,814.69	3/4	4,131.98	3/4	4,432.76	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

2 PORT INNAGE 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	13.87	0	389.26	0	777.95	0	1,166.23	0	1,555.13	0	1,944.02	0	2,332.92	0	2,721.76	0	3,110.51	0	3,499.26
1/4	19.27	1/4	397.36	1/4	786.02	1/4	1,174.33	1/4	1,563.23	1/4	1,952.12	1/4	2,341.02	1/4	2,729.86	1/4	3,118.61	1/4	3,507.36
1/2	24.67	1/2	405.46	1/2	794.10	1/2	1,182.43	1/2	1,571.33	1/2	1,960.23	1/2	2,349.12	1/2	2,737.96	1/2	3,126.71	1/2	3,515.45
3/4	30.07	3/4	413.56	3/4	802.18	3/4	1,190.54	3/4	1,579.43	3/4	1,968.33	3/4	2,357.22	3/4	2,746.06	3/4	3,134.81	3/4	3,523.55
1	35.47	1	421.66	1	810.26	1	1,198.64	1	1,587.53	1	1,976.43	1	2,365.33	1	2,754.16	1	3,142.90	1	3,531.65
1/4	42.90	1/4	429.76	1/4	818.33	1/4	1,206.74	1/4	1,595.64	1/4	1,984.53	1/4	2,373.43	1/4	2,762.26	1/4	3,151.00	1/4	3,539.75
1/2	50.33	1/2	437.86	1/2	826.41	1/2	1,214.84	1/2	1,603.74	1/2	1,992.63	1/2	2,381.53	1/2	2,770.36	1/2	3,159.10	1/2	3,547.85
3/4	57.76	3/4	445.96	3/4	834.49	3/4	1,222.94	3/4	1,611.84	3/4	2,000.74	3/4	2,389.63	3/4	2,778.45	3/4	3,167.20	3/4	3,555.95
2	65.18	2	454.05	2	842.57	2	1,231.05	2	1,619.94	2	2,008.84	2	2,397.73	2	2,786.55	2	3,175.30	2	3,564.05
1/4	73.28	1/4	462.15	1/4	850.65	1/4	1,239.15	1/4	1,628.04	1/4	2,016.94	1/4	2,405.84	1/4	2,794.65	1/4	3,183.40	1/4	3,572.15
1/2	81.39	1/2	470.25	1/2	858.73	1/2	1,247.25	1/2	1,636.15	1/2	2,025.04	1/2	2,413.94	1/2	2,802.75	1/2	3,191.50	1/2	3,580.25
3/4	89.49	3/4	478.35	3/4	866.81	3/4	1,255.35	3/4	1,644.25	3/4	2,033.14	3/4	2,422.04	3/4	2,810.85	3/4	3,199.60	3/4	3,588.34
3	97.59	3	486.44	3	874.89	3	1,263.45	3	1,652.35	3	2,041.25	3	2,430.14	3	2,818.95	3	3,207.70	3	3,596.44
1/4	105.69	1/4	494.54	1/4	882.97	1/4	1,271.56	1/4	1,660.45	1/4	2,049.35	1/4	2,438.24	1/4	2,827.05	1/4	3,215.79	1/4	3,604.54
1/2	113.79	1/2	502.64	1/2	891.05	1/2	1,279.66	1/2	1,668.55	1/2	2,057.45	1/2	2,446.35	1/2	2,835.15	1/2	3,223.89	1/2	3,612.64
3/4	121.90	3/4	510.75	3/4	899.13	3/4	1,287.76	3/4	1,676.66	3/4	2,065.55	3/4	2,454.45	3/4	2,843.25	3/4	3,231.99	3/4	3,620.74
4	130.00	4	518.85	4	907.21	4	1,295.86	4	1,684.76	4	2,073.65	4	2,462.55	4	2,851.34	4	3,240.09	4	3,628.84
1/4	138.10	1/4	526.95	1/4	915.29	1/4	1,303.96	1/4	1,692.86	1/4	2,081.76	1/4	2,470.65	1/4	2,859.44	1/4	3,248.19	1/4	3,636.94
1/2	146.20	1/2	535.05	1/2	923.37	1/2	1,312.07	1/2	1,700.96	1/2	2,089.86	1/2	2,478.75	1/2	2,867.54	1/2	3,256.29	1/2	3,645.04
3/4	154.30	3/4	543.15	3/4	931.45	3/4	1,320.17	3/4	1,709.06	3/4	2,097.96	3/4	2,486.86	3/4	2,875.64	3/4	3,264.39	3/4	3,653.13
5	162.41	5	551.25	5	939.53	5	1,328.27	5	1,717.17	5	2,106.06	5	2,494.96	5	2,883.74	5	3,272.49	5	3,661.23
1/4	170.51	1/4	559.36	1/4	947.61	1/4	1,336.37	1/4	1,725.27	1/4	2,114.16	1/4	2,503.06	1/4	2,891.84	1/4	3,280.59	1/4	3,669.33
1/2	178.61	1/2	567.46	1/2	955.69	1/2	1,344.47	1/2	1,733.37	1/2	2,122.27	1/2	2,511.16	1/2	2,899.94	1/2	3,288.68	1/2	3,677.43
3/4	186.71	3/4	575.56	3/4	963.77	3/4	1,352.58	3/4	1,741.47	3/4	2,130.37	3/4	2,519.26	3/4	2,908.04	3/4	3,296.78	3/4	3,685.53
6	194.81	6	583.66	6	971.85	6	1,360.68	6	1,749.57	6	2,138.47	6	2,527.37	6	2,916.14	6	3,304.88	6	3,693.63
1/4	202.92	1/4	591.76	1/4	979.94	1/4	1,368.78	1/4	1,757.68	1/4	2,146.57	1/4	2,535.47	1/4	2,924.23	1/4	3,312.98	1/4	3,701.73
1/2	211.02	1/2	599.87	1/2	988.03	1/2	1,376.88	1/2	1,765.78	1/2	2,154.67	1/2	2,543.57	1/2	2,932.33	1/2	3,321.08	1/2	3,709.83
3/4	219.12	3/4	607.97	3/4	996.12	3/4	1,384.98	3/4	1,773.88	3/4	2,162.78	3/4	2,551.67	3/4	2,940.43	3/4	3,329.18	3/4	3,717.92
7	227.22	7	616.07	7	1,004.20	7	1,393.09	7	1,781.98	7	2,170.88	7	2,559.77	7	2,948.53	7	3,337.28	7	3,726.02
1/4	235.32	1/4	624.17	1/4	1,012.30	1/4	1,401.19	1/4	1,790.08	1/4	2,178.98	1/4	2,567.88	1/4	2,956.63	1/4	3,345.38	1/4	3,734.12
1/2	243.43	1/2	632.27	1/2	1,020.40	1/2	1,409.29	1/2	1,798.19	1/2	2,187.08	1/2	2,575.98	1/2	2,964.73	1/2	3,353.48	1/2	3,742.22
3/4	251.53	3/4	640.38	3/4	1,028.50	3/4	1,417.39	3/4	1,806.29	3/4	2,195.18	3/4	2,584.08	3/4	2,972.83	3/4	3,361.57	3/4	3,750.32
8	259.63	8	648.48	8	1,036.60	8	1,425.49	8	1,814.39	8	2,203.29	8	2,592.18	8	2,980.93	8	3,369.67	8	3,758.42
1/4	267.73	1/4	656.58	1/4	1,044.70	1/4	1,433.60	1/4	1,822.49	1/4	2,211.39	1/4	2,600.28	1/4	2,989.03	1/4	3,377.77	1/4	3,766.52
1/2	275.83	1/2	664.68	1/2	1,052.80	1/2	1,441.70	1/2	1,830.59	1/2	2,219.49	1/2	2,608.38	1/2	2,997.12	1/2	3,385.87	1/2	3,774.62
3/4	283.94	3/4	672.78	3/4	1,060.90	3/4	1,449.80	3/4	1,838.70	3/4	2,227.59	3/4	2,616.48	3/4	3,005.22	3/4	3,393.97	3/4	3,782.71
9	292.04	9	680.89	9	1,069.01	9	1,457.90	9	1,846.80	9	2,235.69	9	2,624.57	9	3,013.32	9	3,402.07	9	3,790.81
1/4	300.14	1/4	688.98	1/4	1,077.11	1/4	1,466.00	1/4	1,854.90	1/4	2,243.80	1/4	2,632.67	1/4	3,021.42	1/4	3,410.17	1/4	3,798.91
1/2	308.24	1/2	697.08	1/2	1,085.21	1/2	1,474.11	1/2	1,863.00	1/2	2,251.90	1/2	2,640.77	1/2	3,029.52	1/2	3,418.27	1/2	3,807.01
3/4	316.34	3/4	705.18	3/4	1,093.31	3/4	1,482.21	3/4	1,871.10	3/4	2,260.00	3/4	2,648.87	3/4	3,037.62	3/4	3,426.37	3/4	3,815.11
10	324.45	10	713.28	10	1,101.41	10	1,490.31	10	1,879.21	10	2,268.10	10	2,656.97	10	3,045.72	10	3,434.46	10	3,823.21
1/4	332.55	1/4	721.37	1/4	1,109.52	1/4	1,498.41	1/4	1,887.31	1/4	2,276.20	1/4	2,665.07	1/4	3,053.82	1/4	3,442.56	1/4	3,831.31
1/2	340.65	1/2	729.46	1/2	1,117.62	1/2	1,506.51	1/2	1,895.41	1/2	2,284.31	1/2	2,673.17	1/2	3,061.92	1/2	3,450.66	1/2	3,839.41
3/4	348.75	3/4	737.54	3/4	1,125.72	3/4	1,514.62	3/4	1,903.51	3/4	2,292.41	3/4	2,681.27	3/4	3,070.01	3/4	3,458.76	3/4	3,847.51
11	356.85	11	745.63	11	1,133.82	11	1,522.72	11	1,911.61	11	2,300.51	11	2,689.37	11	3,078.11	11	3,466.86	11	3,855.60
1/4	364.96	1/4	753.71	1/4	1,141.92	1/4	1,530.82	1/4	1,919.72	1/4	2,308.61	1/4	2,697.47	1/4	3,086.21	1/4	3,474.96	1/4	3,863.70
1/2	373.06	1/2	761.79	1/2	1,150.03	1/2	1,538.92	1/2	1,927.82	1/2	2,316.71	1/2	2,705.56	1/2	3,094.31	1/2	3,483.06	1/2	3,871.80
3/4	381.16	3/4	769.87	3/4	1,158.13	3/4	1,547.02	3/4	1,935.92	3/4	2,324.82	3/4	2,713.66	3/4	3,102.41	3/4	3,491.16	3/4	3,879.90

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 ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

2 PORT INNAGE 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	3,888.00	0	4,276.74	0	4,663.91	0	5,035.74	0	5,388.25	0		0		0		0		0	
1/4	3,896.10	1/4	4,284.84	1/4	4,671.84	1/4	5,043.26	1/4	5,395.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,904.20	1/2	4,292.94	1/2	4,679.77	1/2	5,050.77	1/2	5,403.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,912.30	3/4	4,301.04	3/4	4,687.70	3/4	5,058.28	3/4	5,410.38	3/4		3/4		3/4		3/4		3/4	
1	3,920.39	1	4,309.14	1	4,695.63	1	5,065.80	1	5,417.76	1		1		1		1		1	
1/4	3,928.49	1/4	4,317.24	1/4	4,703.53	1/4	5,073.28	1/4	5,425.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,936.59	1/2	4,325.33	1/2	4,711.43	1/2	5,080.76	1/2	5,433.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,944.69	3/4	4,333.43	3/4	4,719.32	3/4	5,088.24	3/4	5,441.24	3/4		3/4		3/4		3/4		3/4	
2	3,952.79	2	4,341.53	2	4,727.22	2	5,095.73	2	5,449.06	2		2		2		2		2	
1/4	3,960.89	1/4	4,349.63	1/4	4,735.09	1/4	5,103.18	1/4	5,457.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,968.99	1/2	4,357.73	1/2	4,742.96	1/2	5,110.63	1/2	5,465.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,977.09	3/4	4,365.83	3/4	4,750.83	3/4	5,118.08	3/4	5,473.21	3/4		3/4		3/4		3/4		3/4	
3	3,985.18	3	4,373.93	3	4,758.70	3	5,125.53	3	5,481.27	3		3		3		3		3	
1/4	3,993.28	1/4	4,382.03	1/4	4,766.53	1/4	5,132.95	1/4	5,489.22	1/4		1/4		1/4		1/4		1/4	
1/2	4,001.38	1/2	4,390.12	1/2	4,774.37	1/2	5,140.37	1/2	5,497.17	1/2		1/2		1/2		1/2		1/2	
3/4	4,009.48	3/4	4,398.22	3/4	4,782.21	3/4	5,147.79	3/4	5,505.12	3/4		3/4		3/4		3/4		3/4	
4	4,017.58	4	4,406.32	4	4,790.04	4	5,155.21	4	5,513.07	4		4		4		4		4	
1/4	4,025.68	1/4	4,414.42	1/4	4,797.85	1/4	5,162.60	1/4	5,520.21	1/4		1/4		1/4		1/4		1/4	
1/2	4,033.78	1/2	4,422.52	1/2	4,805.66	1/2	5,169.99	1/2	5,527.35	1/2		1/2		1/2		1/2		1/2	
3/4	4,041.88	3/4	4,430.62	3/4	4,813.46	3/4	5,177.38	3/4	5,534.49	3/4		3/4		3/4		3/4		3/4	
5	4,049.98	5	4,438.72	5	4,821.27	5	5,184.77	5	5,541.63	5		5		5		5		5	
1/4	4,058.07	1/4	4,446.82	1/4	4,829.05	1/4	5,192.13	1/4	5,547.26	1/4		1/4		1/4		1/4		1/4	
1/2	4,066.17	1/2	4,454.92	1/2	4,836.82	1/2	5,199.49	1/2	5,552.88	1/2		1/2		1/2		1/2		1/2	
3/4	4,074.27	3/4	4,463.01	3/4	4,844.60	3/4	5,206.85	3/4	5,558.50	3/4		3/4		3/4		3/4		3/4	
6	4,082.37	6	4,471.11	6	4,852.37	6	5,214.21	6	5,564.12	6		6		6		6		6	
1/4	4,090.47	1/4	4,479.21	1/4	4,860.12	1/4	5,221.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,098.57	1/2	4,487.30	1/2	4,867.86	1/2	5,228.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,106.67	3/4	4,495.39	3/4	4,875.61	3/4	5,236.20	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,114.77	7	4,503.49	7	4,883.35	7	5,243.52	7		7		7		7		7		7	
1/4	4,122.86	1/4	4,511.57	1/4	4,891.07	1/4	5,250.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,130.96	1/2	4,519.65	1/2	4,898.78	1/2	5,258.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,139.06	3/4	4,527.73	3/4	4,906.50	3/4	5,265.42	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,147.16	8	4,535.81	8	4,914.21	8	5,272.72	8		8		8		8		8		8	
1/4	4,155.26	1/4	4,543.86	1/4	4,921.87	1/4	5,279.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,163.36	1/2	4,551.91	1/2	4,929.53	1/2	5,287.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,171.46	3/4	4,559.97	3/4	4,937.19	3/4	5,294.52	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,179.56	9	4,568.02	9	4,944.85	9	5,301.78	9		9		9		9		9		9	
1/4	4,187.65	1/4	4,576.04	1/4	4,952.45	1/4	5,309.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,195.75	1/2	4,584.06	1/2	4,960.06	1/2	5,316.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,203.85	3/4	4,592.08	3/4	4,967.66	3/4	5,323.49	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,211.95	10	4,600.10	10	4,975.27	10	5,330.73	10		10		10		10		10		10	
1/4	4,220.05	1/4	4,608.10	1/4	4,982.84	1/4	5,337.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,228.15	1/2	4,616.09	1/2	4,990.42	1/2	5,345.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,236.25	3/4	4,624.08	3/4	4,997.99	3/4	5,352.34	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,244.35	11	4,632.07	11	5,005.57	11	5,359.55	11		11		11		11		11		11	
1/4	4,252.45	1/4	4,640.03	1/4	5,013.11	1/4	5,366.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,260.54	1/2	4,647.99	1/2	5,020.66	1/2	5,373.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,268.64	3/4	4,655.95	3/4	5,028.20	3/4	5,381.07	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

2 STBD INNAGE 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	13.83	0	388.27	0	771.68	0	1,144.29	0	1,525.46	0	1,913.36	0	2,301.27	0	2,689.12	0	3,076.87	0	3,464.62
1/4	19.22	1/4	396.35	1/4	779.43	1/4	1,152.06	1/4	1,533.54	1/4	1,921.44	1/4	2,309.35	1/4	2,697.19	1/4	3,084.95	1/4	3,472.70
1/2	24.61	1/2	404.43	1/2	787.18	1/2	1,159.84	1/2	1,541.62	1/2	1,929.53	1/2	2,317.43	1/2	2,705.27	1/2	3,093.03	1/2	3,480.78
3/4	30.00	3/4	412.51	3/4	794.93	3/4	1,167.61	3/4	1,549.70	3/4	1,937.61	3/4	2,325.51	3/4	2,713.35	3/4	3,101.10	3/4	3,488.86
1	35.38	1	420.59	1	802.68	1	1,175.39	1	1,557.79	1	1,945.69	1	2,333.59	1	2,721.43	1	3,109.18	1	3,496.94
1/4	42.79	1/4	428.66	1/4	810.43	1/4	1,183.17	1/4	1,565.87	1/4	1,953.77	1/4	2,341.67	1/4	2,729.51	1/4	3,117.26	1/4	3,505.01
1/2	50.20	1/2	436.74	1/2	818.18	1/2	1,190.94	1/2	1,573.95	1/2	1,961.85	1/2	2,349.75	1/2	2,737.58	1/2	3,125.34	1/2	3,513.09
3/4	57.61	3/4	444.82	3/4	825.94	3/4	1,198.72	3/4	1,582.03	3/4	1,969.93	3/4	2,357.83	3/4	2,745.66	3/4	3,133.42	3/4	3,521.17
2	65.02	2	452.89	2	833.69	2	1,206.49	2	1,590.11	2	1,978.01	2	2,365.92	2	2,753.74	2	3,141.49	2	3,529.25
1/4	73.10	1/4	460.97	1/4	841.44	1/4	1,214.27	1/4	1,598.19	1/4	1,986.10	1/4	2,374.00	1/4	2,761.82	1/4	3,149.57	1/4	3,537.33
1/2	81.18	1/2	469.05	1/2	849.20	1/2	1,222.04	1/2	1,606.27	1/2	1,994.18	1/2	2,382.08	1/2	2,769.90	1/2	3,157.65	1/2	3,545.40
3/4	89.26	3/4	477.12	3/4	856.95	3/4	1,229.82	3/4	1,614.36	3/4	2,002.26	3/4	2,390.16	3/4	2,777.98	3/4	3,165.73	3/4	3,553.48
3	97.34	3	485.20	3	864.70	3	1,237.59	3	1,622.44	3	2,010.34	3	2,398.24	3	2,786.05	3	3,173.81	3	3,561.56
1/4	105.42	1/4	493.28	1/4	872.46	1/4	1,245.37	1/4	1,630.52	1/4	2,018.42	1/4	2,406.32	1/4	2,794.13	1/4	3,181.89	1/4	3,569.64
1/2	113.50	1/2	501.36	1/2	880.21	1/2	1,253.15	1/2	1,638.60	1/2	2,026.50	1/2	2,414.40	1/2	2,802.21	1/2	3,189.96	1/2	3,577.72
3/4	121.58	3/4	509.44	3/4	887.96	3/4	1,260.92	3/4	1,646.68	3/4	2,034.58	3/4	2,422.49	3/4	2,810.29	3/4	3,198.04	3/4	3,585.80
4	129.67	4	517.52	4	895.72	4	1,268.70	4	1,654.76	4	2,042.66	4	2,430.57	4	2,818.37	4	3,206.12	4	3,593.87
1/4	137.75	1/4	525.60	1/4	903.47	1/4	1,276.47	1/4	1,662.84	1/4	2,050.75	1/4	2,438.65	1/4	2,826.44	1/4	3,214.20	1/4	3,601.95
1/2	145.83	1/2	533.68	1/2	911.23	1/2	1,284.25	1/2	1,670.92	1/2	2,058.83	1/2	2,446.73	1/2	2,834.52	1/2	3,222.28	1/2	3,610.03
3/4	153.91	3/4	541.76	3/4	918.98	3/4	1,292.02	3/4	1,679.01	3/4	2,066.91	3/4	2,454.81	3/4	2,842.60	3/4	3,230.35	3/4	3,618.11
5	161.99	5	549.85	5	926.73	5	1,299.80	5	1,687.09	5	2,074.99	5	2,462.89	5	2,850.68	5	3,238.43	5	3,626.19
1/4	170.07	1/4	557.93	1/4	934.49	1/4	1,307.73	1/4	1,695.17	1/4	2,083.07	1/4	2,470.97	1/4	2,858.76	1/4	3,246.51	1/4	3,634.26
1/2	178.15	1/2	566.01	1/2	942.24	1/2	1,315.65	1/2	1,703.25	1/2	2,091.15	1/2	2,479.05	1/2	2,866.84	1/2	3,254.59	1/2	3,642.34
3/4	186.23	3/4	574.09	3/4	949.99	3/4	1,323.58	3/4	1,711.33	3/4	2,099.23	3/4	2,487.14	3/4	2,874.91	3/4	3,262.67	3/4	3,650.42
6	194.32	6	582.17	6	957.75	6	1,331.51	6	1,719.41	6	2,107.31	6	2,495.22	6	2,882.99	6	3,270.75	6	3,658.50
1/4	202.40	1/4	590.25	1/4	965.51	1/4	1,339.59	1/4	1,727.49	1/4	2,115.40	1/4	2,503.30	1/4	2,891.07	1/4	3,278.82	1/4	3,666.58
1/2	210.48	1/2	598.33	1/2	973.27	1/2	1,347.67	1/2	1,735.57	1/2	2,123.48	1/2	2,511.38	1/2	2,899.15	1/2	3,286.90	1/2	3,674.66
3/4	218.56	3/4	606.41	3/4	981.03	3/4	1,355.75	3/4	1,743.66	3/4	2,131.56	3/4	2,519.46	3/4	2,907.23	3/4	3,294.98	3/4	3,682.73
7	226.64	7	614.50	7	988.79	7	1,363.84	7	1,751.74	7	2,139.64	7	2,527.54	7	2,915.30	7	3,303.06	7	3,690.81
1/4	234.72	1/4	622.58	1/4	996.56	1/4	1,371.92	1/4	1,759.82	1/4	2,147.72	1/4	2,535.62	1/4	2,923.38	1/4	3,311.14	1/4	3,698.89
1/2	242.80	1/2	630.66	1/2	1,004.34	1/2	1,380.00	1/2	1,767.90	1/2	2,155.80	1/2	2,543.70	1/2	2,931.46	1/2	3,319.21	1/2	3,706.97
3/4	250.88	3/4	638.74	3/4	1,012.11	3/4	1,388.08	3/4	1,775.98	3/4	2,163.88	3/4	2,551.78	3/4	2,939.54	3/4	3,327.29	3/4	3,715.05
8	258.97	8	646.82	8	1,019.88	8	1,396.16	8	1,784.06	8	2,171.97	8	2,559.86	8	2,947.62	8	3,335.37	8	3,723.12
1/4	267.05	1/4	654.75	1/4	1,027.66	1/4	1,404.24	1/4	1,792.14	1/4	2,180.05	1/4	2,567.94	1/4	2,955.70	1/4	3,343.45	1/4	3,731.20
1/2	275.13	1/2	662.68	1/2	1,035.43	1/2	1,412.32	1/2	1,800.23	1/2	2,188.13	1/2	2,576.02	1/2	2,963.77	1/2	3,351.53	1/2	3,739.28
3/4	283.21	3/4	670.61	3/4	1,043.21	3/4	1,420.40	3/4	1,808.31	3/4	2,196.21	3/4	2,584.10	3/4	2,971.85	3/4	3,359.61	3/4	3,747.36
9	291.29	9	678.53	9	1,050.98	9	1,428.49	9	1,816.39	9	2,204.29	9	2,592.18	9	2,979.93	9	3,367.68	9	3,755.44
1/4	299.37	1/4	686.31	1/4	1,058.76	1/4	1,436.57	1/4	1,824.47	1/4	2,212.37	1/4	2,600.26	1/4	2,988.01	1/4	3,375.76	1/4	3,763.51
1/2	307.45	1/2	694.08	1/2	1,066.53	1/2	1,444.65	1/2	1,832.55	1/2	2,220.45	1/2	2,608.33	1/2	2,996.09	1/2	3,383.84	1/2	3,771.59
3/4	315.54	3/4	701.85	3/4	1,074.31	3/4	1,452.73	3/4	1,840.63	3/4	2,228.53	3/4	2,616.41	3/4	3,004.17	3/4	3,391.92	3/4	3,779.67
10	323.62	10	709.62	10	1,082.08	10	1,460.81	10	1,848.71	10	2,236.62	10	2,624.49	10	3,012.24	10	3,400.00	10	3,787.75
1/4	331.70	1/4	717.38	1/4	1,089.86	1/4	1,468.89	1/4	1,856.79	1/4	2,244.70	1/4	2,632.57	1/4	3,020.32	1/4	3,408.08	1/4	3,795.83
1/2	339.78	1/2	725.15	1/2	1,097.64	1/2	1,476.97	1/2	1,864.88	1/2	2,252.78	1/2	2,640.65	1/2	3,028.40	1/2	3,416.15	1/2	3,803.90
3/4	347.86	3/4	732.91	3/4	1,105.41	3/4	1,485.05	3/4	1,872.96	3/4	2,260.86	3/4	2,648.72	3/4	3,036.48	3/4	3,424.23	3/4	3,811.98
11	355.94	11	740.67	11	1,113.19	11	1,493.14	11	1,881.04	11	2,268.94	11	2,656.80	11	3,044.56	11	3,432.31	11	3,820.06
1/4	364.02	1/4	748.42	1/4	1,120.96	1/4	1,501.22	1/4	1,889.12	1/4	2,277.02	1/4	2,664.88	1/4	3,052.63	1/4	3,440.39	1/4	3,828.14
1/2	372.10	1/2	756.17	1/2	1,128.74	1/2	1,509.30	1/2	1,897.20	1/2	2,285.10	1/2	2,672.96	1/2	3,060.71	1/2	3,448.47	1/2	3,836.22
3/4	380.19	3/4	763.92	3/4	1,136.51	3/4	1,517.38	3/4	1,905.28	3/4	2,293.18	3/4	2,681.04	3/4	3,068.79	3/4	3,456.54	3/4	3,844.30

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 ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

2 STBD INNAGE 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	3,852.37	0	4,240.12	0	4,626.30	0	4,997.20	0	5,348.84	0		0		0		0		0	
1/4	3,860.45	1/4	4,248.20	1/4	4,634.21	1/4	5,004.70	1/4	5,356.20	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,868.53	1/2	4,256.28	1/2	4,642.12	1/2	5,012.19	1/2	5,363.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,876.61	3/4	4,264.36	3/4	4,650.03	3/4	5,019.69	3/4	5,370.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,884.69	1	4,272.43	1	4,657.94	1	5,027.18	1	5,378.28	1		1		1		1		1	
1/4	3,892.76	1/4	4,280.51	1/4	4,665.82	1/4	5,034.64	1/4	5,386.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,900.84	1/2	4,288.59	1/2	4,673.70	1/2	5,042.11	1/2	5,393.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,908.92	3/4	4,296.67	3/4	4,681.58	3/4	5,049.57	3/4	5,401.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,917.00	2	4,304.75	2	4,689.46	2	5,057.04	2	5,409.50	2		2		2		2		2	
1/4	3,925.08	1/4	4,312.83	1/4	4,697.31	1/4	5,064.47	1/4	5,417.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,933.15	1/2	4,320.90	1/2	4,705.15	1/2	5,071.90	1/2	5,425.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,941.23	3/4	4,328.98	3/4	4,713.00	3/4	5,079.33	3/4	5,433.59	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,949.31	3	4,337.06	3	4,720.85	3	5,086.77	3	5,441.62	3		3		3		3		3	
1/4	3,957.39	1/4	4,345.14	1/4	4,728.67	1/4	5,094.17	1/4	5,449.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,965.47	1/2	4,353.22	1/2	4,736.48	1/2	5,101.57	1/2	5,457.48	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,973.54	3/4	4,361.29	3/4	4,744.30	3/4	5,108.97	3/4	5,465.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,981.62	4	4,369.37	4	4,752.12	4	5,116.38	4	5,473.34	4		4		4		4		4	
1/4	3,989.70	1/4	4,377.45	1/4	4,759.91	1/4	5,123.75	1/4	5,480.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,997.78	1/2	4,385.53	1/2	4,767.69	1/2	5,131.12	1/2	5,487.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,005.86	3/4	4,393.61	3/4	4,775.48	3/4	5,138.49	3/4	5,494.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	4,013.94	5	4,401.68	5	4,783.27	5	5,145.86	5	5,501.83	5		5		5		5		5	
1/4	4,022.01	1/4	4,409.76	1/4	4,791.02	1/4	5,153.21	1/4	5,507.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,030.09	1/2	4,417.84	1/2	4,798.78	1/2	5,160.55	1/2	5,513.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,038.17	3/4	4,425.92	3/4	4,806.53	3/4	5,167.89	3/4	5,518.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	4,046.25	6	4,434.00	6	4,814.29	6	5,175.23	6	5,524.26	6		6		6		6		6	
1/4	4,054.33	1/4	4,442.07	1/4	4,822.02	1/4	5,182.54	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,062.40	1/2	4,450.14	1/2	4,829.74	1/2	5,189.85	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,070.48	3/4	4,458.22	3/4	4,837.47	3/4	5,197.16	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	4,078.56	7	4,466.29	7	4,845.19	7	5,204.47	7		7		7		7		7		7	
1/4	4,086.64	1/4	4,474.35	1/4	4,852.89	1/4	5,211.75	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,094.72	1/2	4,482.41	1/2	4,860.58	1/2	5,219.03	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,102.79	3/4	4,490.47	3/4	4,868.28	3/4	5,226.31	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	4,110.87	8	4,498.53	8	4,875.97	8	5,233.59	8		8		8		8		8		8	
1/4	4,118.95	1/4	4,506.56	1/4	4,883.61	1/4	5,240.84	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,127.03	1/2	4,514.59	1/2	4,891.25	1/2	5,248.09	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,135.11	3/4	4,522.62	3/4	4,898.89	3/4	5,255.34	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	4,143.18	9	4,530.66	9	4,906.53	9	5,262.59	9		9		9		9		9		9	
1/4	4,151.26	1/4	4,538.66	1/4	4,914.12	1/4	5,269.80	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,159.34	1/2	4,546.66	1/2	4,921.71	1/2	5,277.02	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,167.42	3/4	4,554.66	3/4	4,929.29	3/4	5,284.24	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	4,175.50	10	4,562.66	10	4,936.88	10	5,291.46	10		10		10		10		10		10	
1/4	4,183.58	1/4	4,570.63	1/4	4,944.44	1/4	5,298.65	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,191.65	1/2	4,578.60	1/2	4,951.99	1/2	5,305.83	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,199.73	3/4	4,586.57	3/4	4,959.55	3/4	5,313.02	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	4,207.81	11	4,594.54	11	4,967.10	11	5,320.21	11		11		11		11		11		11	
1/4	4,215.89	1/4	4,602.48	1/4	4,974.63	1/4	5,327.37	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,223.97	1/2	4,610.42	1/2	4,982.15	1/2	5,334.52	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,232.04	3/4	4,618.36	3/4	4,989.68	3/4	5,341.68	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	12.90	0	361.47	0	719.61	0	1,073.40	0	1,434.33	0	1,795.25	0	2,155.66	0	2,516.46	0	2,877.09	0	3,237.71
1/4	17.92	1/4	368.99	1/4	726.91	1/4	1,080.92	1/4	1,441.85	1/4	1,802.77	1/4	2,163.17	1/4	2,523.98	1/4	2,884.60	1/4	3,245.22
1/2	22.93	1/2	376.51	1/2	734.22	1/2	1,088.44	1/2	1,449.37	1/2	1,810.29	1/2	2,170.67	1/2	2,531.49	1/2	2,892.11	1/2	3,252.74
3/4	27.95	3/4	384.03	3/4	741.52	3/4	1,095.96	3/4	1,456.89	3/4	1,817.81	3/4	2,178.18	3/4	2,539.00	3/4	2,899.63	3/4	3,260.25
1	32.96	1	391.55	1	748.82	1	1,103.48	1	1,464.41	1	1,825.33	1	2,185.69	1	2,546.51	1	2,907.14	1	3,267.76
1/4	39.86	1/4	399.07	1/4	756.13	1/4	1,111.00	1/4	1,471.93	1/4	1,832.85	1/4	2,193.19	1/4	2,554.03	1/4	2,914.65	1/4	3,275.28
1/2	46.76	1/2	406.59	1/2	763.43	1/2	1,118.51	1/2	1,479.45	1/2	1,840.37	1/2	2,200.70	1/2	2,561.54	1/2	2,922.16	1/2	3,282.79
3/4	53.65	3/4	414.10	3/4	770.73	3/4	1,126.03	3/4	1,486.97	3/4	1,847.89	3/4	2,208.20	3/4	2,569.05	3/4	2,929.68	3/4	3,290.30
2	60.55	2	421.62	2	778.04	2	1,133.55	2	1,494.48	2	1,855.41	2	2,215.71	2	2,576.57	2	2,937.19	2	3,297.81
1/4	68.07	1/4	429.14	1/4	785.34	1/4	1,141.07	1/4	1,502.00	1/4	1,862.92	1/4	2,223.22	1/4	2,584.08	1/4	2,944.70	1/4	3,305.33
1/2	75.59	1/2	436.66	1/2	792.65	1/2	1,148.59	1/2	1,509.52	1/2	1,870.43	1/2	2,230.74	1/2	2,591.59	1/2	2,952.22	1/2	3,312.84
3/4	83.12	3/4	444.18	3/4	799.95	3/4	1,156.11	3/4	1,517.04	3/4	1,877.94	3/4	2,238.25	3/4	2,599.11	3/4	2,959.73	3/4	3,320.35
3	90.64	3	451.70	3	807.26	3	1,163.63	3	1,524.56	3	1,885.45	3	2,245.77	3	2,606.62	3	2,967.24	3	3,327.87
1/4	98.16	1/4	459.22	1/4	814.56	1/4	1,171.15	1/4	1,532.08	1/4	1,892.96	1/4	2,253.29	1/4	2,614.13	1/4	2,974.76	1/4	3,335.38
1/2	105.69	1/2	466.74	1/2	821.87	1/2	1,178.67	1/2	1,539.60	1/2	1,900.46	1/2	2,260.81	1/2	2,621.64	1/2	2,982.27	1/2	3,342.89
3/4	113.21	3/4	474.26	3/4	829.17	3/4	1,186.19	3/4	1,547.12	3/4	1,907.97	3/4	2,268.33	3/4	2,629.16	3/4	2,989.78	3/4	3,350.41
4	120.73	4	481.78	4	836.48	4	1,193.71	4	1,554.64	4	1,915.47	4	2,275.86	4	2,636.67	4	2,997.29	4	3,357.92
1/4	128.25	1/4	489.31	1/4	843.78	1/4	1,201.23	1/4	1,562.16	1/4	1,922.98	1/4	2,283.38	1/4	2,644.18	1/4	3,004.81	1/4	3,365.38
1/2	135.78	1/2	496.83	1/2	851.09	1/2	1,208.75	1/2	1,569.68	1/2	1,930.48	1/2	2,290.90	1/2	2,651.70	1/2	3,012.32	1/2	3,372.84
3/4	143.30	3/4	504.35	3/4	858.40	3/4	1,216.27	3/4	1,577.20	3/4	1,937.99	3/4	2,298.42	3/4	2,659.21	3/4	3,019.83	3/4	3,380.30
5	150.82	5	511.87	5	865.70	5	1,223.79	5	1,584.72	5	1,945.50	5	2,305.95	5	2,666.72	5	3,027.35	5	3,387.76
1/4	158.35	1/4	519.40	1/4	873.01	1/4	1,231.31	1/4	1,592.23	1/4	1,953.00	1/4	2,313.47	1/4	2,674.24	1/4	3,034.86	1/4	3,395.16
1/2	165.87	1/2	526.92	1/2	880.31	1/2	1,238.83	1/2	1,599.75	1/2	1,960.51	1/2	2,320.99	1/2	2,681.75	1/2	3,042.37	1/2	3,402.56
3/4	173.39	3/4	534.44	3/4	887.62	3/4	1,246.35	3/4	1,607.27	3/4	1,968.01	3/4	2,328.51	3/4	2,689.26	3/4	3,049.89	3/4	3,409.96
6	180.92	6	541.97	6	894.92	6	1,253.87	6	1,614.79	6	1,975.52	6	2,336.04	6	2,696.77	6	3,057.40	6	3,417.37
1/4	188.44	1/4	549.49	1/4	902.23	1/4	1,261.39	1/4	1,622.31	1/4	1,983.03	1/4	2,343.56	1/4	2,704.29	1/4	3,064.91	1/4	3,424.77
1/2	195.96	1/2	557.01	1/2	909.55	1/2	1,268.91	1/2	1,629.83	1/2	1,990.53	1/2	2,351.08	1/2	2,711.80	1/2	3,072.42	1/2	3,432.17
3/4	203.48	3/4	564.54	3/4	916.86	3/4	1,276.43	3/4	1,637.35	3/4	1,998.04	3/4	2,358.60	3/4	2,719.31	3/4	3,079.94	3/4	3,439.57
7	211.01	7	572.06	7	924.17	7	1,283.95	7	1,644.87	7	2,005.54	7	2,366.13	7	2,726.83	7	3,087.45	7	3,446.98
1/4	218.53	1/4	579.58	1/4	931.50	1/4	1,291.47	1/4	1,652.39	1/4	2,013.05	1/4	2,373.65	1/4	2,734.34	1/4	3,094.96	1/4	3,454.38
1/2	226.05	1/2	587.10	1/2	938.82	1/2	1,298.98	1/2	1,659.91	1/2	2,020.56	1/2	2,381.17	1/2	2,741.85	1/2	3,102.48	1/2	3,461.78
3/4	233.58	3/4	594.63	3/4	946.14	3/4	1,306.50	3/4	1,667.43	3/4	2,028.06	3/4	2,388.69	3/4	2,749.37	3/4	3,109.99	3/4	3,469.18
8	241.10	8	602.15	8	953.47	8	1,314.02	8	1,674.95	8	2,035.57	8	2,396.21	8	2,756.88	8	3,117.50	8	3,476.58
1/4	248.62	1/4	609.57	1/4	960.89	1/4	1,321.54	1/4	1,682.46	1/4	2,043.07	1/4	2,403.73	1/4	2,764.39	1/4	3,125.02	1/4	3,483.99
1/2	256.15	1/2	617.00	1/2	968.32	1/2	1,329.06	1/2	1,689.98	1/2	2,050.58	1/2	2,411.25	1/2	2,771.90	1/2	3,132.53	1/2	3,491.39
3/4	263.67	3/4	624.42	3/4	975.74	3/4	1,336.58	3/4	1,697.50	3/4	2,058.09	3/4	2,418.77	3/4	2,779.42	3/4	3,140.04	3/4	3,498.79
9	271.19	9	631.85	9	983.16	9	1,344.10	9	1,705.02	9	2,065.59	9	2,426.29	9	2,786.93	9	3,147.55	9	3,506.19
1/4	278.71	1/4	639.17	1/4	990.68	1/4	1,351.62	1/4	1,712.54	1/4	2,073.10	1/4	2,433.81	1/4	2,794.44	1/4	3,155.07	1/4	3,513.60
1/2	286.24	1/2	646.50	1/2	998.20	1/2	1,359.14	1/2	1,720.06	1/2	2,080.60	1/2	2,441.33	1/2	2,801.96	1/2	3,162.58	1/2	3,521.00
3/4	293.76	3/4	653.82	3/4	1,005.72	3/4	1,366.66	3/4	1,727.58	3/4	2,088.11	3/4	2,448.84	3/4	2,809.47	3/4	3,170.09	3/4	3,528.40
10	301.28	10	661.14	10	1,013.24	10	1,374.18	10	1,735.10	10	2,095.61	10	2,456.36	10	2,816.98	10	3,177.61	10	3,535.80
1/4	308.81	1/4	668.46	1/4	1,020.76	1/4	1,381.70	1/4	1,742.62	1/4	2,103.12	1/4	2,463.87	1/4	2,824.50	1/4	3,185.12	1/4	3,543.26
1/2	316.33	1/2	675.77	1/2	1,028.28	1/2	1,389.22	1/2	1,750.14	1/2	2,110.63	1/2	2,471.38	1/2	2,832.01	1/2	3,192.63	1/2	3,550.72
3/4	323.85	3/4	683.08	3/4	1,035.80	3/4	1,396.74	3/4	1,757.66	3/4	2,118.13	3/4	2,478.90	3/4	2,839.52	3/4	3,200.15	3/4	3,558.17
11	331.38	11	690.40	11	1,043.32	11	1,404.25	11	1,765.18	11	2,125.64	11	2,486.41	11	2,847.03	11	3,207.66	11	3,565.63
1/4	338.90	1/4	697.70	1/4	1,050.84	1/4	1,411.77	1/4	1,772.70	1/4	2,133.14	1/4	2,493.92	1/4	2,854.55	1/4	3,215.17	1/4	3,572.66
1/2	346.42	1/2	705.00	1/2	1,058.36	1/2	1,419.29	1/2	1,780.21	1/2	2,140.65	1/2	2,501.44	1/2	2,862.06	1/2	3,222.68	1/2	3,579.68
3/4	353.94	3/4	712.31	3/4	1,065.88	3/4	1,426.81	3/4	1,787.73	3/4	2,148.16	3/4	2,508.95	3/4	2,869.57	3/4	3,230.20	3/4	3,586.71

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 ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	3,593.74	0	3,862.80	0	4,128.45	0	4,380.00	0	4,613.32	0		0		0		0		0	
1/4	3,599.79	1/4	3,868.37	1/4	4,133.86	1/4	4,385.03	1/4	4,618.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,605.85	1/2	3,873.93	1/2	4,139.26	1/2	4,390.06	1/2	4,623.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,611.90	3/4	3,879.50	3/4	4,144.67	3/4	4,395.10	3/4	4,627.84	3/4		3/4		3/4		3/4		3/4	
1	3,617.95	1	3,885.06	1	4,150.08	1	4,400.13	1	4,632.69	1		1		1		1		1	
1/4	3,623.52	1/4	3,890.62	1/4	4,155.46	1/4	4,405.13	1/4	4,637.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,629.08	1/2	3,896.19	1/2	4,160.84	1/2	4,410.13	1/2	4,643.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.65	3/4	3,901.75	3/4	4,166.21	3/4	4,415.14	3/4	4,648.45	3/4		3/4		3/4		3/4		3/4	
2	3,640.21	2	3,907.32	2	4,171.59	2	4,420.14	2	4,653.71	2		2		2		2		2	
1/4	3,645.78	1/4	3,912.88	1/4	4,176.94	1/4	4,425.12	1/4	4,659.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,651.34	1/2	3,918.45	1/2	4,182.29	1/2	4,430.09	1/2	4,664.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,656.91	3/4	3,924.01	3/4	4,187.64	3/4	4,435.06	3/4	4,670.11	3/4		3/4		3/4		3/4		3/4	
3	3,662.47	3	3,929.58	3	4,192.99	3	4,440.04	3	4,675.57	3		3		3		3		3	
1/4	3,668.04	1/4	3,935.14	1/4	4,198.32	1/4	4,444.98	1/4	4,680.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,673.60	1/2	3,940.71	1/2	4,203.64	1/2	4,449.93	1/2	4,686.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,679.17	3/4	3,946.27	3/4	4,208.96	3/4	4,454.88	3/4	4,691.69	3/4		3/4		3/4		3/4		3/4	
4	3,684.73	4	3,951.84	4	4,214.28	4	4,459.82	4	4,697.06	4		4		4		4		4	
1/4	3,690.30	1/4	3,957.40	1/4	4,219.57	1/4	4,464.74	1/4	4,701.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,695.86	1/2	3,962.97	1/2	4,224.87	1/2	4,469.66	1/2	4,706.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,701.42	3/4	3,968.53	3/4	4,230.16	3/4	4,474.57	3/4	4,710.92	3/4		3/4		3/4		3/4		3/4	
5	3,706.99	5	3,974.09	5	4,235.45	5	4,479.49	5	4,715.54	5		5		5		5		5	
1/4	3,712.55	1/4	3,979.66	1/4	4,240.72	1/4	4,484.38	1/4	4,718.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,718.12	1/2	3,985.22	1/2	4,245.98	1/2	4,489.27	1/2	4,721.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,723.68	3/4	3,990.79	3/4	4,251.25	3/4	4,494.16	3/4	4,725.17	3/4		3/4		3/4		3/4		3/4	
6	3,729.25	6	3,996.35	6	4,256.51	6	4,499.05	6	4,728.38	6		6		6		6		6	
1/4	3,734.81	1/4	4,001.91	1/4	4,261.75	1/4	4,503.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.38	1/2	4,007.48	1/2	4,266.98	1/2	4,508.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.94	3/4	4,013.04	3/4	4,272.22	3/4	4,513.63	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,751.51	7	4,018.60	7	4,277.45	7	4,518.49	7		7		7		7		7		7	
1/4	3,757.07	1/4	4,024.14	1/4	4,282.66	1/4	4,523.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,762.64	1/2	4,029.69	1/2	4,287.87	1/2	4,528.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,768.20	3/4	4,035.24	3/4	4,293.08	3/4	4,532.98	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,773.77	8	4,040.78	8	4,298.28	8	4,537.81	8		8		8		8		8		8	
1/4	3,779.33	1/4	4,046.31	1/4	4,303.45	1/4	4,542.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,784.90	1/2	4,051.83	1/2	4,308.61	1/2	4,547.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,790.46	3/4	4,057.35	3/4	4,313.77	3/4	4,552.22	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,796.02	9	4,062.87	9	4,318.93	9	4,557.03	9		9		9		9		9		9	
1/4	3,801.59	1/4	4,068.37	1/4	4,324.05	1/4	4,561.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.15	1/2	4,073.86	1/2	4,329.17	1/2	4,566.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.72	3/4	4,079.35	3/4	4,334.29	3/4	4,571.25	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,818.28	10	4,084.85	10	4,339.40	10	4,575.99	10		10		10		10		10		10	
1/4	3,823.85	1/4	4,090.31	1/4	4,344.49	1/4	4,580.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,829.41	1/2	4,095.77	1/2	4,349.58	1/2	4,585.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,834.98	3/4	4,101.24	3/4	4,354.67	3/4	4,590.03	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,840.54	11	4,106.70	11	4,359.76	11	4,594.71	11		11		11		11		11		11	
1/4	3,846.11	1/4	4,112.14	1/4	4,364.82	1/4	4,599.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,851.67	1/2	4,117.58	1/2	4,369.88	1/2	4,604.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,857.24	3/4	4,123.01	3/4	4,374.94	3/4	4,608.67	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

3 STBD INNAGE 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	12.94	0	362.12	0	716.78	0	1,061.01	0	1,422.15	0	1,782.74	0	2,139.60	0	2,500.68	0	2,861.51	0	3,222.44
1/4	17.97	1/4	369.65	1/4	723.80	1/4	1,068.53	1/4	1,429.67	1/4	1,790.17	1/4	2,147.11	1/4	2,508.19	1/4	2,869.03	1/4	3,229.96
1/2	23.00	1/2	377.18	1/2	730.83	1/2	1,076.04	1/2	1,437.20	1/2	1,797.61	1/2	2,154.62	1/2	2,515.71	1/2	2,876.55	1/2	3,237.48
3/4	28.03	3/4	384.71	3/4	737.85	3/4	1,083.56	3/4	1,444.72	3/4	1,805.04	3/4	2,162.14	3/4	2,523.22	3/4	2,884.07	3/4	3,245.00
1	33.05	1	392.24	1	744.87	1	1,091.08	1	1,452.24	1	1,812.47	1	2,169.65	1	2,530.73	1	2,891.59	1	3,252.52
1/4	39.97	1/4	399.77	1/4	751.89	1/4	1,098.60	1/4	1,459.77	1/4	1,819.91	1/4	2,177.17	1/4	2,538.25	1/4	2,899.11	1/4	3,260.04
1/2	46.89	1/2	407.30	1/2	758.92	1/2	1,106.13	1/2	1,467.29	1/2	1,827.34	1/2	2,184.68	1/2	2,545.76	1/2	2,906.63	1/2	3,267.56
3/4	53.80	3/4	414.83	3/4	765.94	3/4	1,113.65	3/4	1,474.81	3/4	1,834.77	3/4	2,192.19	3/4	2,553.28	3/4	2,914.15	3/4	3,275.08
2	60.72	2	422.36	2	772.96	2	1,121.17	2	1,482.34	2	1,842.21	2	2,199.71	2	2,560.79	2	2,921.67	2	3,282.60
1/4	68.26	1/4	429.88	1/4	779.99	1/4	1,128.70	1/4	1,489.86	1/4	1,849.63	1/4	2,207.23	1/4	2,568.30	1/4	2,929.19	1/4	3,290.12
1/2	75.80	1/2	437.41	1/2	787.01	1/2	1,136.23	1/2	1,497.38	1/2	1,857.06	1/2	2,214.75	1/2	2,575.82	1/2	2,936.71	1/2	3,297.64
3/4	83.35	3/4	444.94	3/4	794.04	3/4	1,143.75	3/4	1,504.91	3/4	1,864.49	3/4	2,222.27	3/4	2,583.33	3/4	2,944.23	3/4	3,305.16
3	90.89	3	452.47	3	801.06	3	1,151.28	3	1,512.43	3	1,871.91	3	2,229.79	3	2,590.85	3	2,951.75	3	3,312.68
1/4	98.43	1/4	460.00	1/4	808.08	1/4	1,158.81	1/4	1,519.96	1/4	1,879.33	1/4	2,237.32	1/4	2,598.36	1/4	2,959.27	1/4	3,320.20
1/2	105.98	1/2	467.53	1/2	815.11	1/2	1,166.33	1/2	1,527.48	1/2	1,886.75	1/2	2,244.86	1/2	2,605.87	1/2	2,966.78	1/2	3,327.72
3/4	113.52	3/4	475.06	3/4	822.13	3/4	1,173.86	3/4	1,535.00	3/4	1,894.17	3/4	2,252.39	3/4	2,613.39	3/4	2,974.30	3/4	3,335.24
4	121.07	4	482.59	4	829.16	4	1,181.39	4	1,542.53	4	1,901.59	4	2,259.92	4	2,620.90	4	2,981.82	4	3,342.75
1/4	128.60	1/4	490.12	1/4	836.18	1/4	1,188.91	1/4	1,550.05	1/4	1,909.01	1/4	2,267.45	1/4	2,628.42	1/4	2,989.34	1/4	3,350.22
1/2	136.14	1/2	497.65	1/2	843.21	1/2	1,196.43	1/2	1,557.57	1/2	1,916.43	1/2	2,274.98	1/2	2,635.94	1/2	2,996.86	1/2	3,357.68
3/4	143.68	3/4	505.19	3/4	850.23	3/4	1,203.96	3/4	1,565.10	3/4	1,923.85	3/4	2,282.51	3/4	2,643.45	3/4	3,004.38	3/4	3,365.15
5	151.22	5	512.72	5	857.26	5	1,211.48	5	1,572.62	5	1,931.27	5	2,290.04	5	2,650.97	5	3,011.90	5	3,372.61
1/4	158.75	1/4	520.25	1/4	864.28	1/4	1,219.01	1/4	1,580.14	1/4	1,938.69	1/4	2,297.57	1/4	2,658.49	1/4	3,019.42	1/4	3,380.02
1/2	166.28	1/2	527.78	1/2	871.29	1/2	1,226.53	1/2	1,587.67	1/2	1,946.11	1/2	2,305.10	1/2	2,666.01	1/2	3,026.94	1/2	3,387.43
3/4	173.82	3/4	535.31	3/4	878.31	3/4	1,234.05	3/4	1,595.19	3/4	1,953.53	3/4	2,312.63	3/4	2,673.53	3/4	3,034.46	3/4	3,394.84
6	181.35	6	542.85	6	885.33	6	1,241.58	6	1,602.72	6	1,960.95	6	2,320.16	6	2,681.05	6	3,041.98	6	3,402.25
1/4	188.88	1/4	550.38	1/4	892.36	1/4	1,249.10	1/4	1,610.24	1/4	1,968.37	1/4	2,327.69	1/4	2,688.57	1/4	3,049.50	1/4	3,409.66
1/2	196.41	1/2	557.91	1/2	899.39	1/2	1,256.63	1/2	1,617.76	1/2	1,975.79	1/2	2,335.22	1/2	2,696.09	1/2	3,057.02	1/2	3,417.06
3/4	203.94	3/4	565.44	3/4	906.42	3/4	1,264.15	3/4	1,625.29	3/4	1,983.21	3/4	2,342.75	3/4	2,703.61	3/4	3,064.54	3/4	3,424.47
7	211.48	7	572.98	7	913.45	7	1,271.67	7	1,632.81	7	1,990.63	7	2,350.28	7	2,711.13	7	3,072.06	7	3,431.88
1/4	219.01	1/4	580.51	1/4	920.50	1/4	1,279.20	1/4	1,640.33	1/4	1,998.05	1/4	2,357.81	1/4	2,718.64	1/4	3,079.58	1/4	3,439.30
1/2	226.54	1/2	588.04	1/2	927.55	1/2	1,286.72	1/2	1,647.86	1/2	2,005.47	1/2	2,365.34	1/2	2,726.16	1/2	3,087.10	1/2	3,446.71
3/4	234.07	3/4	595.57	3/4	934.60	3/4	1,294.25	3/4	1,655.38	3/4	2,012.89	3/4	2,372.87	3/4	2,733.68	3/4	3,094.61	3/4	3,454.12
8	241.61	8	603.10	8	941.65	8	1,301.77	8	1,662.90	8	2,020.31	8	2,380.40	8	2,741.20	8	3,102.13	8	3,461.54
1/4	249.14	1/4	610.40	1/4	948.93	1/4	1,309.29	1/4	1,670.43	1/4	2,027.73	1/4	2,387.92	1/4	2,748.72	1/4	3,109.65	1/4	3,468.96
1/2	256.67	1/2	617.70	1/2	956.22	1/2	1,316.82	1/2	1,677.95	1/2	2,035.15	1/2	2,395.44	1/2	2,756.24	1/2	3,117.17	1/2	3,476.38
3/4	264.20	3/4	625.00	3/4	963.50	3/4	1,324.34	3/4	1,685.47	3/4	2,042.57	3/4	2,402.97	3/4	2,763.76	3/4	3,124.69	3/4	3,483.80
9	271.73	9	632.29	9	970.79	9	1,331.87	9	1,693.00	9	2,050.00	9	2,410.49	9	2,771.28	9	3,132.21	9	3,491.22
1/4	279.27	1/4	639.35	1/4	978.30	1/4	1,339.39	1/4	1,700.52	1/4	2,057.42	1/4	2,418.01	1/4	2,778.80	1/4	3,139.73	1/4	3,498.64
1/2	286.80	1/2	646.41	1/2	985.82	1/2	1,346.91	1/2	1,708.05	1/2	2,064.84	1/2	2,425.53	1/2	2,786.32	1/2	3,147.25	1/2	3,506.06
3/4	294.33	3/4	653.47	3/4	993.34	3/4	1,354.44	3/4	1,715.57	3/4	2,072.26	3/4	2,433.05	3/4	2,793.84	3/4	3,154.77	3/4	3,513.48
10	301.86	10	660.53	10	1,000.86	10	1,361.96	10	1,723.09	10	2,079.68	10	2,440.56	10	2,801.36	10	3,162.29	10	3,520.90
1/4	309.39	1/4	667.57	1/4	1,008.38	1/4	1,369.48	1/4	1,730.57	1/4	2,087.14	1/4	2,448.08	1/4	2,808.88	1/4	3,169.81	1/4	3,528.38
1/2	316.93	1/2	674.61	1/2	1,015.90	1/2	1,377.01	1/2	1,738.05	1/2	2,094.61	1/2	2,455.59	1/2	2,816.40	1/2	3,177.33	1/2	3,535.85
3/4	324.46	3/4	681.65	3/4	1,023.41	3/4	1,384.53	3/4	1,745.53	3/4	2,102.07	3/4	2,463.11	3/4	2,823.92	3/4	3,184.85	3/4	3,543.33
11	331.99	11	688.69	11	1,030.93	11	1,392.05	11	1,753.01	11	2,109.54	11	2,470.62	11	2,831.44	11	3,192.37	11	3,550.80
1/4	339.52	1/4	695.71	1/4	1,038.45	1/4	1,399.58	1/4	1,760.44	1/4	2,117.06	1/4	2,478.13	1/4	2,838.95	1/4	3,199.89	1/4	3,557.85
1/2	347.06	1/2	702.74	1/2	1,045.97	1/2	1,407.10	1/2	1,767.87	1/2	2,124.57	1/2	2,485.65	1/2	2,846.47	1/2	3,207.41	1/2	3,564.90
3/4	354.59	3/4	709.76	3/4	1,053.49	3/4	1,414.63	3/4	1,775.31	3/4	2,132.08	3/4	2,493.16	3/4	2,853.99	3/4	3,214.92	3/4	3,571.94

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 ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

3 STBD INNAGE 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	3,578.99	0	3,849.11	0	4,115.81	0	4,368.43	0	4,602.83	0		0		0		0		0	
1/4	3,585.06	1/4	3,854.69	1/4	4,121.24	1/4	4,373.48	1/4	4,607.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,591.14	1/2	3,860.28	1/2	4,126.67	1/2	4,378.54	1/2	4,612.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,597.22	3/4	3,865.87	3/4	4,132.10	3/4	4,383.59	3/4	4,617.42	3/4		3/4		3/4		3/4		3/4	
1	3,603.29	1	3,871.45	1	4,137.53	1	4,388.65	1	4,622.28	1		1		1		1		1	
1/4	3,608.88	1/4	3,877.04	1/4	4,142.93	1/4	4,393.67	1/4	4,627.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,614.46	1/2	3,882.63	1/2	4,148.33	1/2	4,398.70	1/2	4,632.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.05	3/4	3,888.21	3/4	4,153.73	3/4	4,403.72	3/4	4,638.11	3/4		3/4		3/4		3/4		3/4	
2	3,625.64	2	3,893.80	2	4,159.13	2	4,408.75	2	4,643.39	2		2		2		2		2	
1/4	3,631.22	1/4	3,899.39	1/4	4,164.51	1/4	4,413.74	1/4	4,648.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,636.81	1/2	3,904.97	1/2	4,169.88	1/2	4,418.74	1/2	4,654.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.40	3/4	3,910.56	3/4	4,175.25	3/4	4,423.74	3/4	4,659.86	3/4		3/4		3/4		3/4		3/4	
3	3,647.98	3	3,916.15	3	4,180.62	3	4,428.74	3	4,665.34	3		3		3		3		3	
1/4	3,653.57	1/4	3,921.73	1/4	4,185.97	1/4	4,433.70	1/4	4,670.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,659.16	1/2	3,927.32	1/2	4,191.31	1/2	4,438.67	1/2	4,676.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,664.74	3/4	3,932.91	3/4	4,196.65	3/4	4,443.64	3/4	4,681.53	3/4		3/4		3/4		3/4		3/4	
4	3,670.33	4	3,938.49	4	4,202.00	4	4,448.61	4	4,686.92	4		4		4		4		4	
1/4	3,675.92	1/4	3,944.08	1/4	4,207.31	1/4	4,453.55	1/4	4,691.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,681.50	1/2	3,949.67	1/2	4,212.63	1/2	4,458.49	1/2	4,696.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,687.09	3/4	3,955.25	3/4	4,217.94	3/4	4,463.43	3/4	4,700.84	3/4		3/4		3/4		3/4		3/4	
5	3,692.68	5	3,960.84	5	4,223.26	5	4,468.37	5	4,705.48	5		5		5		5		5	
1/4	3,698.26	1/4	3,966.43	1/4	4,228.55	1/4	4,473.28	1/4	4,708.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,703.85	1/2	3,972.01	1/2	4,233.83	1/2	4,478.19	1/2	4,711.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,709.44	3/4	3,977.60	3/4	4,239.12	3/4	4,483.10	3/4	4,715.16	3/4		3/4		3/4		3/4		3/4	
6	3,715.02	6	3,983.19	6	4,244.41	6	4,488.01	6	4,718.38	6		6		6		6		6	
1/4	3,720.61	1/4	3,988.77	1/4	4,249.66	1/4	4,492.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,726.20	1/2	3,994.35	1/2	4,254.92	1/2	4,497.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,731.78	3/4	3,999.94	3/4	4,260.18	3/4	4,502.66	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,737.37	7	4,005.52	7	4,265.44	7	4,507.54	7		7		7		7		7		7	
1/4	3,742.96	1/4	4,011.09	1/4	4,270.67	1/4	4,512.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.54	1/2	4,016.66	1/2	4,275.90	1/2	4,517.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.13	3/4	4,022.23	3/4	4,281.13	3/4	4,522.11	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,759.72	8	4,027.80	8	4,286.36	8	4,526.96	8		8		8		8		8		8	
1/4	3,765.30	1/4	4,033.34	1/4	4,291.54	1/4	4,531.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,770.89	1/2	4,038.88	1/2	4,296.73	1/2	4,536.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.48	3/4	4,044.43	3/4	4,301.91	3/4	4,541.44	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,782.07	9	4,049.97	9	4,307.09	9	4,546.26	9		9		9		9		9		9	
1/4	3,787.65	1/4	4,055.49	1/4	4,312.23	1/4	4,551.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,793.24	1/2	4,061.00	1/2	4,317.37	1/2	4,555.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.83	3/4	4,066.52	3/4	4,322.51	3/4	4,560.55	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,804.41	10	4,072.03	10	4,327.65	10	4,565.32	10		10		10		10		10		10	
1/4	3,810.00	1/4	4,077.52	1/4	4,332.77	1/4	4,570.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,815.59	1/2	4,083.01	1/2	4,337.88	1/2	4,574.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,821.17	3/4	4,088.49	3/4	4,342.99	3/4	4,579.43	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,826.76	11	4,093.98	11	4,348.10	11	4,584.13	11		11		11		11		11		11	
1/4	3,832.35	1/4	4,099.44	1/4	4,353.18	1/4	4,588.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.93	1/2	4,104.90	1/2	4,358.26	1/2	4,593.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.52	3/4	4,110.35	3/4	4,363.35	3/4	4,598.15	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

ULLAGE TRIM TABLE

	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 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(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 1 PORT IS - 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

June 1, 2021

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE CTC29107

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	4,318.56	0	4,009.81	0	3,684.35	0	3,351.91	0	3,019.46	0	2,687.00	0	2,354.55	0	2,022.09		
1/4	1/4	1/4	1/4	1/4	4,312.30	1/4	4,003.18	1/4	3,677.42	1/4	3,344.98	1/4	3,012.53	1/4	2,680.07	1/4	2,347.62	1/4	2,015.16		
1/2	1/2	1/2	1/2	1/2	4,605.29	1/2	4,306.03	1/2	3,996.56	1/2	3,670.50	1/2	3,338.05	1/2	3,005.61	1/2	2,673.15	1/2	2,340.69	1/2	2,008.23
3/4	3/4	3/4	3/4	3/4	4,600.48	3/4	4,299.73	3/4	3,989.91	3/4	3,663.58	3/4	3,331.13	3/4	2,998.68	3/4	2,666.22	3/4	2,333.77	3/4	2,001.30
1	1	1	1	1	4,595.68	1	4,293.44	1	3,983.26	1	3,656.65	1	3,324.20	1	2,991.75	1	2,659.30	1	2,328.84	1	1,994.38
1/4	1/4	1/4	1/4	1/4	4,590.87	1/4	4,287.15	1/4	3,976.61	1/4	3,649.72	1/4	3,317.28	1/4	2,984.83	1/4	2,652.37	1/4	2,319.92	1/4	1,987.45
1/2	1/2	1/2	1/2	1/2	4,586.06	1/2	4,280.85	1/2	3,969.96	1/2	3,642.80	1/2	3,310.35	1/2	2,977.90	1/2	2,645.44	1/2	2,312.99	1/2	1,980.52
3/4	3/4	3/4	3/4	3/4	4,579.95	3/4	4,274.53	3/4	3,963.28	3/4	3,635.87	3/4	3,303.42	3/4	2,970.97	3/4	2,638.52	3/4	2,306.06	3/4	1,973.59
2	2	2	2	2	4,573.85	2	4,268.21	2	3,956.61	2	3,628.95	2	3,296.50	2	2,964.05	2	2,631.59	2	2,299.14	2	1,966.66
1/4	1/4	1/4	1/4	1/4	4,567.74	1/4	4,261.89	1/4	3,949.93	1/4	3,622.02	1/4	3,289.57	1/4	2,957.12	1/4	2,624.66	1/4	2,292.21	1/4	1,959.73
1/2	1/2	1/2	1/2	1/2	4,561.63	1/2	4,255.57	1/2	3,943.26	1/2	3,615.09	1/2	3,282.65	1/2	2,950.19	1/2	2,617.74	1/2	2,285.29	1/2	1,952.80
3/4	3/4	3/4	3/4	3/4	4,554.84	3/4	4,249.22	3/4	3,936.55	3/4	3,608.17	3/4	3,275.72	3/4	2,943.27	3/4	2,610.81	3/4	2,278.36	3/4	1,945.87
3	3	3	3	3	4,548.04	3	4,242.88	3	3,929.85	3	3,601.24	3	3,268.79	3	2,936.34	3	2,603.89	3	2,271.43	3	1,938.95
1/4	1/4	1/4	1/4	1/4	4,541.24	1/4	4,236.53	1/4	3,923.15	1/4	3,594.32	1/4	3,261.87	1/4	2,929.41	1/4	2,596.96	1/4	2,264.51	1/4	1,932.02
1/2	1/2	1/2	1/2	1/2	4,534.44	1/2	4,230.18	1/2	3,916.45	1/2	3,587.39	1/2	3,254.94	1/2	2,922.49	1/2	2,590.03	1/2	2,257.58	1/2	1,925.09
3/4	3/4	3/4	3/4	3/4	4,527.55	3/4	4,223.81	3/4	3,909.72	3/4	3,580.46	3/4	3,248.02	3/4	2,915.56	3/4	2,583.11	3/4	2,250.66	3/4	1,918.16
4	4	4	4	4	4,520.66	4	4,217.44	4	3,902.99	4	3,573.54	4	3,241.09	4	2,908.64	4	2,576.18	4	2,243.73	4	1,911.23
1/4	1/4	1/4	1/4	1/4	4,513.78	1/4	4,211.06	1/4	3,896.26	1/4	3,566.61	1/4	3,234.16	1/4	2,901.71	1/4	2,569.26	1/4	2,236.80	1/4	1,904.30
1/2	1/2	1/2	1/2	1/2	4,506.89	1/2	4,204.69	1/2	3,889.53	1/2	3,559.69	1/2	3,227.24	1/2	2,894.78	1/2	2,562.33	1/2	2,229.88	1/2	1,897.37
3/4	3/4	3/4	3/4	3/4	4,500.20	3/4	4,198.29	3/4	3,882.78	3/4	3,552.76	3/4	3,220.31	3/4	2,887.86	3/4	2,555.40	3/4	2,222.95	3/4	1,890.44
5	5	5	5	5	4,493.51	5	4,191.89	5	3,876.02	5	3,545.83	5	3,213.39	5	2,880.93	5	2,548.48	5	2,216.02	5	1,883.51
1/4	1/4	1/4	1/4	1/4	4,486.82	1/4	4,185.49	1/4	3,869.27	1/4	3,538.91	1/4	3,206.46	1/4	2,874.00	1/4	2,541.55	1/4	2,209.10	1/4	1,876.59
1/2	1/2	1/2	1/2	1/2	4,480.12	1/2	4,179.09	1/2	3,862.51	1/2	3,531.98	1/2	3,199.53	1/2	2,867.08	1/2	2,534.63	1/2	2,202.17	1/2	1,869.66
3/4	3/4	3/4	3/4	3/4	4,473.81	3/4	4,172.67	3/4	3,855.73	3/4	3,525.06	3/4	3,192.61	3/4	2,860.15	3/4	2,527.70	3/4	2,195.25	3/4	1,862.73
6	6	6	6	6	4,467.50	6	4,166.24	6	3,848.95	6	3,518.13	6	3,185.68	6	2,853.23	6	2,520.77	6	2,188.32	6	1,855.80
1/4	1/4	1/4	1/4	1/4	4,461.19	1/4	4,159.81	1/4	3,842.17	1/4	3,511.20	1/4	3,178.76	1/4	2,846.30	1/4	2,513.85	1/4	2,181.39	1/4	1,848.87
1/2	1/2	1/2	1/2	1/2	4,454.88	1/2	4,153.39	1/2	3,835.39	1/2	3,504.28	1/2	3,171.83	1/2	2,839.37	1/2	2,506.92	1/2	2,174.47	1/2	1,841.94
3/4	3/4	3/4	3/4	3/4	4,448.74	3/4	4,146.94	3/4	3,828.58	3/4	3,497.35	3/4	3,164.90	3/4	2,832.45	3/4	2,500.00	3/4	2,167.54	3/4	1,835.01
7	7	7	7	7	4,442.61	7	4,140.48	7	3,821.77	7	3,490.43	7	3,157.98	7	2,825.52	7	2,493.07	7	2,160.62	7	1,828.08
1/4	1/4	1/4	1/4	1/4	4,436.47	1/4	4,134.03	1/4	3,814.96	1/4	3,483.50	1/4	3,151.05	1/4	2,818.60	1/4	2,486.14	1/4	2,153.69	1/4	1,821.16
1/2	1/2	1/2	1/2	1/2	4,430.34	1/2	4,127.58	1/2	3,808.16	1/2	3,476.57	1/2	3,144.13	1/2	2,811.67	1/2	2,479.22	1/2	2,146.76	1/2	1,814.23
3/4	3/4	3/4	3/4	3/4	4,424.17	3/4	4,121.10	3/4	3,801.32	3/4	3,469.65	3/4	3,137.20	3/4	2,804.74	3/4	2,472.29	3/4	2,139.84	3/4	1,807.30
8	8	8	8	8	4,418.01	8	4,114.62	8	3,794.49	8	3,462.72	8	3,130.27	8	2,797.82	8	2,465.36	8	2,132.91	8	1,800.37
1/4	1/4	1/4	1/4	1/4	4,411.85	1/4	4,108.14	1/4	3,787.65	1/4	3,455.80	1/4	3,123.35	1/4	2,790.89	1/4	2,458.44	1/4	2,125.99	1/4	1,793.44
1/2	1/2	1/2	1/2	1/2	4,405.68	1/2	4,101.67	1/2	3,780.82	1/2	3,448.87	1/2	3,116.42	1/2	2,783.97	1/2	2,451.51	1/2	2,119.06	1/2	1,786.51
3/4	3/4	3/4	3/4	3/4	4,399.50	3/4	4,095.16	3/4	3,773.96	3/4	3,441.94	3/4	3,109.50	3/4	2,777.04	3/4	2,444.59	3/4	2,112.13	3/4	1,779.58
9	9	9	9	9	4,393.31	9	4,088.66	9	3,767.10	9	3,435.02	9	3,102.57	9	2,770.11	9	2,437.66	9	2,105.21	9	1,772.65
1/4	1/4	1/4	1/4	1/4	4,387.12	1/4	4,082.15	1/4	3,760.24	1/4	3,428.09	1/4	3,095.64	1/4	2,763.19	1/4	2,430.73	1/4	2,098.28	1/4	1,765.73
1/2	1/2	1/2	1/2	1/2	4,380.93	1/2	4,075.65	1/2	3,753.38	1/2	3,421.17	1/2	3,088.72	1/2	2,756.26	1/2	2,423.81	1/2	2,091.36	1/2	1,758.80
3/4	3/4	3/4	3/4	3/4	4,374.71	3/4	4,069.10	3/4	3,746.49	3/4	3,414.24	3/4	3,081.79	3/4	2,749.33	3/4	2,416.88	3/4	2,084.43	3/4	1,751.87
10	10	10	10	10	4,368.50	10	4,062.55	10	3,739.61	10	3,407.31	10	3,074.87	10	2,742.41	10	2,409.96	10	2,077.50	10	1,744.94
1/4	1/4	1/4	1/4	1/4	4,362.28	1/4	4,055.99	1/4	3,732.72	1/4	3,400.39	1/4	3,067.94	1/4	2,735.48	1/4	2,403.03	1/4	2,070.58	1/4	1,738.01
1/2	1/2	1/2	1/2	1/2	4,356.07	1/2	4,049.44	1/2	3,725.83	1/2	3,393.46	1/2	3,061.01	1/2	2,728.56	1/2	2,396.10	1/2	2,063.65	1/2	1,731.08
3/4	3/4	3/4	3/4	3/4	4,349.83	3/4	4,042.85	3/4	3,718.92	3/4	3,386.54	3/4	3,054.09	3/4	2,721.63	3/4	2,389.18	3/4	2,056.73	3/4	1,724.15
11	11	11	11	11	4,343.58	11	4,036.25	11	3,712.01	11	3,379.61	11	3,047.16	11	2,714.70	11	2,382.25	11	2,049.80	11	1,717.22
1/4	1/4	1/4	1/4	1/4	4,337.34	1/4	4,029.65	1/4	3,705.10	1/4	3,372.68	1/4	3,040.24	1/4	2,707.78	1/4	2,375.33	1/4	2,042.87	1/4	1,710.29
1/2	1/2	1/2	1/2	1/2	4,331.10	1/2	4,023.05	1/2	3,698.19	1/2	3,365.76	1/2	3,033.31	1/2	2,700.85	1/2	2,368.40	1/2	2,035.95	1/2	1,703.37
3/4	3/4	3/4	3/4	3/4	4,324.83	3/4	4,016.43	3/4	3,691.27	3/4	3,358.83	3/4	3,026.38	3/4	2,693.93	3/4	2,361.47	3/4	2,029.02	3/4	1,696.44

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	1,689.51	0	1,356.93	0	1,024.58	0	706.28	0	411.44	0	138.68	0		0		0		0	
1/4	1,682.58	1/4	1,350.00	1/4	1,017.71	1/4	699.89	1/4	405.51	1/4	133.23	1/4		1/4		1/4		1/4	
1/2	1,675.65	1/2	1,343.07	1/2	1,010.84	1/2	693.51	1/2	399.59	1/2	127.79	1/2		1/2		1/2		1/2	
3/4	1,668.72	3/4	1,336.14	3/4	1,004.01	3/4	687.18	3/4	393.71	3/4	122.38	3/4		3/4		3/4		3/4	
1	1,661.79	1	1,329.21	1	997.18	1	680.85	1	387.83	1	116.97	1		1		1		1	
1/4	1,654.86	1/4	1,322.28	1/4	990.35	1/4	674.51	1/4	381.95	1/4	111.57	1/4		1/4		1/4		1/4	
1/2	1,647.94	1/2	1,315.35	1/2	983.52	1/2	668.18	1/2	376.07	1/2	106.16	1/2		1/2		1/2		1/2	
3/4	1,641.01	3/4	1,308.42	3/4	976.73	3/4	661.89	3/4	370.23	3/4	100.79	3/4		3/4		3/4		3/4	
2	1,634.08	2	1,301.50	2	969.94	2	655.59	2	364.39	2	95.43	2		2		2		2	
1/4	1,627.15	1/4	1,294.57	1/4	963.15	1/4	649.30	1/4	358.55	1/4	90.06	1/4		1/4		1/4		1/4	
1/2	1,620.22	1/2	1,287.64	1/2	956.36	1/2	643.00	1/2	352.70	1/2	84.69	1/2		1/2		1/2		1/2	
3/4	1,613.29	3/4	1,280.71	3/4	949.61	3/4	636.75	3/4	346.90	3/4	79.37	3/4		3/4		3/4		3/4	
3	1,606.36	3	1,273.78	3	942.86	3	630.49	3	341.10	3	74.04	3		3		3		3	
1/4	1,599.43	1/4	1,266.85	1/4	936.11	1/4	624.24	1/4	335.30	1/4	68.71	1/4		1/4		1/4		1/4	
1/2	1,592.51	1/2	1,259.92	1/2	929.36	1/2	617.99	1/2	329.50	1/2	63.38	1/2		1/2		1/2		1/2	
3/4	1,585.58	3/4	1,252.99	3/4	922.65	3/4	611.77	3/4	323.74	3/4	58.09	3/4		3/4		3/4		3/4	
4	1,578.65	4	1,246.07	4	915.94	4	605.56	4	317.99	4	52.81	4		4		4		4	
1/4	1,571.72	1/4	1,239.14	1/4	909.22	1/4	599.34	1/4	312.23	1/4	47.52	1/4		1/4		1/4		1/4	
1/2	1,564.79	1/2	1,232.21	1/2	902.51	1/2	593.13	1/2	306.47	1/2	42.23	1/2		1/2		1/2		1/2	
3/4	1,557.86	3/4	1,225.28	3/4	895.84	3/4	586.95	3/4	300.75	3/4	37.56	3/4		3/4		3/4		3/4	
5	1,550.93	5	1,218.35	5	889.17	5	580.78	5	295.03	5	32.89	5		5		5		5	
1/4	1,544.00	1/4	1,211.42	1/4	882.50	1/4	574.60	1/4	289.31	1/4	28.22	1/4		1/4		1/4		1/4	
1/2	1,537.07	1/2	1,204.49	1/2	875.83	1/2	568.43	1/2	283.60	1/2	23.55	1/2		1/2		1/2		1/2	
3/4	1,530.15	3/4	1,197.56	3/4	869.19	3/4	562.30	3/4	277.91	3/4	20.21	3/4		3/4		3/4		3/4	
6	1,523.22	6	1,190.63	6	862.56	6	556.16	6	272.23	6	16.87	6		6		6		6	
1/4	1,516.29	1/4	1,183.71	1/4	855.93	1/4	550.03	1/4	266.55	1/4	13.53	1/4		1/4		1/4		1/4	
1/2	1,509.36	1/2	1,176.78	1/2	849.30	1/2	543.90	1/2	260.87	1/2	10.19	1/2		1/2		1/2		1/2	
3/4	1,502.43	3/4	1,169.85	3/4	842.70	3/4	537.80	3/4	255.22	3/4		3/4		3/4		3/4		3/4	
7	1,495.50	7	1,162.92	7	836.11	7	531.71	7	249.58	7		7		7		7		7	
1/4	1,488.57	1/4	1,155.99	1/4	829.52	1/4	525.61	1/4	243.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,481.64	1/2	1,149.06	1/2	822.93	1/2	519.52	1/2	238.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,474.72	3/4	1,142.13	3/4	816.37	3/4	513.45	3/4	232.69	3/4		3/4		3/4		3/4		3/4	
8	1,467.79	8	1,135.20	8	809.82	8	507.39	8	227.08	8		8		8		8		8	
1/4	1,460.86	1/4	1,128.28	1/4	803.27	1/4	501.32	1/4	221.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,453.93	1/2	1,121.35	1/2	796.71	1/2	495.26	1/2	215.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,447.00	3/4	1,114.42	3/4	790.20	3/4	489.22	3/4	210.31	3/4		3/4		3/4		3/4		3/4	
9	1,440.07	9	1,107.49	9	783.69	9	483.19	9	204.75	9		9		9		9		9	
1/4	1,433.14	1/4	1,100.56	1/4	777.17	1/4	477.15	1/4	199.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,426.21	1/2	1,093.63	1/2	770.66	1/2	471.12	1/2	193.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,419.29	3/4	1,086.71	3/4	764.18	3/4	465.12	3/4	188.09	3/4		3/4		3/4		3/4		3/4	
10	1,412.36	10	1,079.78	10	757.71	10	459.12	10	182.57	10		10		10		10		10	
1/4	1,405.43	1/4	1,072.86	1/4	751.24	1/4	453.12	1/4	177.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,398.50	1/2	1,065.94	1/2	744.76	1/2	447.12	1/2	171.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,391.57	3/4	1,059.03	3/4	738.33	3/4	441.16	3/4	166.03	3/4		3/4		3/4		3/4		3/4	
11	1,384.64	11	1,052.13	11	731.90	11	435.20	11	160.54	11		11		11		11		11	
1/4	1,377.71	1/4	1,045.22	1/4	725.47	1/4	429.24	1/4	155.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,370.78	1/2	1,038.32	1/2	719.04	1/2	423.28	1/2	149.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,363.85	3/4	1,031.45	3/4	712.66	3/4	417.36	3/4	144.13	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4	4,296.78	1/4	3,988.71	1/4	3,664.04	1/4	3,332.70	1/4	3,001.36	1/4	2,670.02	1/4	2,338.67	1/4	2,007.31
1/2		1/2	4,588.78	1/2	4,290.53	1/2	3,982.11	1/2	3,657.14	1/2	3,325.80	1/2	2,994.46	1/2	2,663.11	1/2	2,331.77	1/2	2,000.40
3/4		3/4	4,583.99	3/4	4,284.26	3/4	3,975.48	3/4	3,650.24	3/4	3,318.90	3/4	2,987.56	3/4	2,656.21	3/4	2,324.87	3/4	1,993.50
1		1	4,579.20	1	4,277.98	1	3,968.85	1	3,643.33	1	3,312.00	1	2,980.66	1	2,649.31	1	2,317.96	1	1,986.59
1/4		1/4	4,574.41	1/4	4,271.71	1/4	3,962.23	1/4	3,636.43	1/4	3,305.09	1/4	2,973.75	1/4	2,642.40	1/4	2,311.06	1/4	1,979.69
1/2		1/2	4,569.61	1/2	4,265.44	1/2	3,955.60	1/2	3,629.53	1/2	3,298.19	1/2	2,966.85	1/2	2,635.50	1/2	2,304.16	1/2	1,972.78
3/4		3/4	4,563.53	3/4	4,259.14	3/4	3,948.95	3/4	3,622.63	3/4	3,291.29	3/4	2,959.95	3/4	2,628.60	3/4	2,297.25	3/4	1,965.87
2		2	4,557.44	2	4,252.84	2	3,942.29	2	3,615.72	2	3,284.38	2	2,953.04	2	2,621.69	2	2,290.35	2	1,958.97
1/4		1/4	4,551.36	1/4	4,246.54	1/4	3,935.64	1/4	3,608.82	1/4	3,277.48	1/4	2,946.14	1/4	2,614.79	1/4	2,283.45	1/4	1,952.06
1/2		1/2	4,545.27	1/2	4,240.24	1/2	3,928.98	1/2	3,601.92	1/2	3,270.58	1/2	2,939.23	1/2	2,607.89	1/2	2,276.54	1/2	1,945.16
3/4		3/4	4,538.49	3/4	4,233.92	3/4	3,922.30	3/4	3,595.01	3/4	3,263.68	3/4	2,932.33	3/4	2,600.99	3/4	2,269.64	3/4	1,938.25
3		3	4,531.72	3	4,227.59	3	3,915.62	3	3,588.11	3	3,256.77	3	2,925.43	3	2,594.08	3	2,262.74	3	1,931.35
1/4		1/4	4,524.94	1/4	4,221.27	1/4	3,908.94	1/4	3,581.21	1/4	3,249.87	1/4	2,918.52	1/4	2,587.18	1/4	2,255.84	1/4	1,924.44
1/2		1/2	4,518.16	1/2	4,214.94	1/2	3,902.26	1/2	3,574.31	1/2	3,242.97	1/2	2,911.62	1/2	2,580.28	1/2	2,248.93	1/2	1,917.54
3/4		3/4	4,511.30	3/4	4,208.59	3/4	3,895.56	3/4	3,567.40	3/4	3,236.06	3/4	2,904.72	3/4	2,573.37	3/4	2,242.03	3/4	1,910.63
4		4	4,504.44	4	4,202.24	4	3,888.85	4	3,560.50	4	3,229.16	4	2,897.81	4	2,566.47	4	2,235.13	4	1,903.72
1/4		1/4	4,497.57	1/4	4,195.89	1/4	3,882.15	1/4	3,553.60	1/4	3,222.26	1/4	2,890.91	1/4	2,559.57	1/4	2,228.22	1/4	1,896.82
1/2		1/2	4,490.71	1/2	4,189.53	1/2	3,875.44	1/2	3,546.69	1/2	3,215.35	1/2	2,884.01	1/2	2,552.66	1/2	2,221.32	1/2	1,889.91
3/4		3/4	4,484.04	3/4	4,183.16	3/4	3,868.71	3/4	3,539.79	3/4	3,208.45	3/4	2,877.11	3/4	2,545.76	3/4	2,214.42	3/4	1,883.01
5		5	4,477.37	5	4,176.78	5	3,861.97	5	3,532.89	5	3,201.55	5	2,870.20	5	2,538.86	5	2,207.51	5	1,876.10
1/4		1/4	4,470.70	1/4	4,170.40	1/4	3,855.24	1/4	3,525.99	1/4	3,194.65	1/4	2,863.30	1/4	2,531.96	1/4	2,200.61	1/4	1,869.20
1/2		1/2	4,464.03	1/2	4,164.02	1/2	3,848.51	1/2	3,519.08	1/2	3,187.74	1/2	2,856.40	1/2	2,525.05	1/2	2,193.71	1/2	1,862.29
3/4		3/4	4,457.74	3/4	4,157.62	3/4	3,841.75	3/4	3,512.18	3/4	3,180.84	3/4	2,849.49	3/4	2,518.15	3/4	2,186.81	3/4	1,855.38
6		6	4,451.45	6	4,151.22	6	3,834.99	6	3,505.28	6	3,173.94	6	2,842.59	6	2,511.25	6	2,179.90	6	1,848.48
1/4		1/4	4,445.16	1/4	4,144.81	1/4	3,828.23	1/4	3,498.37	1/4	3,167.03	1/4	2,835.69	1/4	2,504.34	1/4	2,173.00	1/4	1,841.57
1/2		1/2	4,438.88	1/2	4,138.41	1/2	3,821.48	1/2	3,491.47	1/2	3,160.13	1/2	2,828.78	1/2	2,497.44	1/2	2,166.10	1/2	1,834.67
3/4		3/4	4,432.76	3/4	4,131.98	3/4	3,814.69	3/4	3,484.57	3/4	3,153.23	3/4	2,821.88	3/4	2,490.54	3/4	2,159.19	3/4	1,827.76
7		7	4,426.64	7	4,125.55	7	3,807.91	7	3,477.67	7	3,146.33	7	2,814.98	7	2,483.63	7	2,152.29	7	1,820.86
1/4		1/4	4,420.53	1/4	4,119.12	1/4	3,801.12	1/4	3,470.76	1/4	3,139.42	1/4	2,808.08	1/4	2,476.73	1/4	2,145.39	1/4	1,813.95
1/2		1/2	4,414.41	1/2	4,112.69	1/2	3,794.34	1/2	3,463.86	1/2	3,132.52	1/2	2,801.17	1/2	2,469.83	1/2	2,138.48	1/2	1,807.05
3/4		3/4	4,408.27	3/4	4,106.23	3/4	3,787.52	3/4	3,456.96	3/4	3,125.62	3/4	2,794.27	3/4	2,462.93	3/4	2,131.58	3/4	1,800.14
8		8	4,402.13	8	4,099.77	8	3,780.71	8	3,450.05	8	3,118.71	8	2,787.37	8	2,456.02	8	2,124.68	8	1,793.23
1/4		1/4	4,395.99	1/4	4,093.32	1/4	3,773.90	1/4	3,443.15	1/4	3,111.81	1/4	2,780.46	1/4	2,449.12	1/4	2,117.78	1/4	1,786.33
1/2		1/2	4,389.85	1/2	4,086.86	1/2	3,767.09	1/2	3,436.25	1/2	3,104.91	1/2	2,773.56	1/2	2,442.22	1/2	2,110.87	1/2	1,779.42
3/4		3/4	4,383.68	3/4	4,080.38	3/4	3,760.25	3/4	3,429.34	3/4	3,098.01	3/4	2,766.66	3/4	2,435.31	3/4	2,103.97	3/4	1,772.52
9		9	4,377.51	9	4,073.89	9	3,753.42	9	3,422.44	9	3,091.10	9	2,759.75	9	2,428.41	9	2,097.07	9	1,765.61
1/4		1/4	4,371.34	1/4	4,067.41	1/4	3,746.58	1/4	3,415.54	1/4	3,084.20	1/4	2,752.85	1/4	2,421.51	1/4	2,090.16	1/4	1,758.71
1/2		1/2	4,365.18	1/2	4,060.93	1/2	3,739.74	1/2	3,408.64	1/2	3,077.30	1/2	2,745.95	1/2	2,414.60	1/2	2,083.26	1/2	1,751.80
3/4		3/4	4,358.98	3/4	4,054.40	3/4	3,732.88	3/4	3,401.73	3/4	3,070.39	3/4	2,739.05	3/4	2,407.70	3/4	2,076.36	3/4	1,744.90
10		10	4,352.79	10	4,047.87	10	3,726.01	10	3,394.83	10	3,063.49	10	2,732.14	10	2,400.80	10	2,069.45	10	1,737.99
1/4		1/4	4,346.59	1/4	4,041.34	1/4	3,719.15	1/4	3,387.93	1/4	3,056.59	1/4	2,725.24	1/4	2,393.90	1/4	2,062.55	1/4	1,731.08
1/2		1/2	4,340.40	1/2	4,034.81	1/2	3,712.29	1/2	3,381.02	1/2	3,049.69	1/2	2,718.34	1/2	2,386.99	1/2	2,055.65	1/2	1,724.18
3/4		3/4	4,334.18	3/4	4,028.24	3/4	3,705.40	3/4	3,374.12	3/4	3,042.78	3/4	2,711.43	3/4	2,380.09	3/4	2,048.74	3/4	1,717.27
11		11	4,327.96	11	4,021.66	11	3,698.51	11	3,367.22	11	3,035.88	11	2,704.53	11	2,373.19	11	2,041.84	11	1,710.37
1/4		1/4	4,321.74	1/4	4,015.09	1/4	3,691.63	1/4	3,360.32	1/4	3,028.98	1/4	2,697.63	1/4	2,366.28	1/4	2,034.93	1/4	1,703.46
1/2		1/2	4,315.52	1/2	4,008.51	1/2	3,684.74	1/2	3,353.41	1/2	3,022.07	1/2	2,690.72	1/2	2,359.38	1/2	2,028.02	1/2	1,696.56
3/4		3/4	4,309.27	3/4	4,001.91	3/4	3,677.84	3/4	3,346.51	3/4	3,015.17	3/4	2,683.82	3/4	2,352.48	3/4	2,021.12	3/4	1,689.65

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	1,682.74	0	1,351.28	0	1,020.06	0	703.81	0	410.00	0	138.20	0		0		0		0	
1/4	1,675.84	1/4	1,344.37	1/4	1,013.23	1/4	697.46	1/4	404.10	1/4	132.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,668.93	1/2	1,337.46	1/2	1,006.39	1/2	691.12	1/2	398.20	1/2	127.34	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,662.03	3/4	1,330.56	3/4	999.61	3/4	684.80	3/4	392.34	3/4	121.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,655.12	1	1,323.65	1	992.82	1	678.49	1	386.48	1	116.57	1	1	1	1	1	1	1	1
1/4	1,648.22	1/4	1,316.75	1/4	986.04	1/4	672.18	1/4	380.62	1/4	111.18	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,641.31	1/2	1,309.84	1/2	979.25	1/2	665.87	1/2	374.76	1/2	105.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,634.41	3/4	1,302.94	3/4	972.50	3/4	659.60	3/4	368.94	3/4	100.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,627.50	2	1,296.03	2	965.76	2	653.32	2	363.12	2	95.09	2	2	2	2	2	2	2	2
1/4	1,620.59	1/4	1,289.13	1/4	959.01	1/4	647.05	1/4	357.29	1/4	89.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,613.69	1/2	1,282.22	1/2	952.27	1/2	640.78	1/2	351.47	1/2	84.40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,606.78	3/4	1,275.31	3/4	945.56	3/4	634.54	3/4	345.69	3/4	79.09	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,599.88	3	1,268.41	3	938.85	3	628.31	3	339.91	3	73.78	3	3	3	3	3	3	3	3
1/4	1,592.97	1/4	1,261.50	1/4	932.14	1/4	622.08	1/4	334.13	1/4	68.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,586.07	1/2	1,254.60	1/2	925.44	1/2	615.84	1/2	328.35	1/2	63.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,579.16	3/4	1,247.69	3/4	918.77	3/4	609.65	3/4	322.61	3/4	57.89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,572.26	4	1,240.79	4	912.10	4	603.46	4	316.87	4	52.62	4	4	4	4	4	4	4	4
1/4	1,565.35	1/4	1,233.88	1/4	905.44	1/4	597.26	1/4	311.14	1/4	47.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,558.44	1/2	1,226.98	1/2	898.77	1/2	591.07	1/2	305.40	1/2	42.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,551.54	3/4	1,220.07	3/4	892.14	3/4	584.92	3/4	299.70	3/4	37.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,544.63	5	1,213.16	5	885.51	5	578.76	5	294.00	5	32.78	5	5	5	5	5	5	5	5
1/4	1,537.73	1/4	1,206.26	1/4	878.88	1/4	572.61	1/4	288.30	1/4	28.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,530.82	1/2	1,199.35	1/2	872.26	1/2	566.46	1/2	282.60	1/2	23.47	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,523.92	3/4	1,192.45	3/4	865.67	3/4	560.35	3/4	276.94	3/4	20.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,517.01	6	1,185.54	6	859.08	6	554.23	6	271.28	6	16.81	6	6	6	6	6	6	6	6
1/4	1,510.10	1/4	1,178.64	1/4	852.49	1/4	548.12	1/4	265.62	1/4	13.49	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,503.20	1/2	1,171.73	1/2	845.90	1/2	542.01	1/2	259.96	1/2	10.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,496.29	3/4	1,164.82	3/4	839.35	3/4	535.93	3/4	254.33	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,489.39	7	1,157.92	7	832.80	7	529.86	7	248.71	7		7	7	7	7	7	7	7	7
1/4	1,482.48	1/4	1,151.01	1/4	826.25	1/4	523.79	1/4	243.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,475.58	1/2	1,144.11	1/2	819.71	1/2	517.71	1/2	237.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,468.67	3/4	1,137.20	3/4	813.20	3/4	511.67	3/4	231.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,461.77	8	1,130.30	8	806.69	8	505.62	8	226.29	8		8	8	8	8	8	8	8	8
1/4	1,454.86	1/4	1,123.39	1/4	800.18	1/4	499.58	1/4	220.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,447.95	1/2	1,116.49	1/2	793.67	1/2	493.54	1/2	215.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,441.05	3/4	1,109.58	3/4	787.20	3/4	487.52	3/4	209.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,434.14	9	1,102.67	9	780.73	9	481.51	9	204.03	9		9	9	9	9	9	9	9	9
1/4	1,427.24	1/4	1,095.77	1/4	774.26	1/4	475.49	1/4	198.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,420.33	1/2	1,088.86	1/2	767.79	1/2	469.48	1/2	192.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,413.43	3/4	1,081.96	3/4	761.35	3/4	463.50	3/4	187.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,406.52	10	1,075.06	10	754.92	10	457.52	10	181.93	10		10	10	10	10	10	10	10	10
1/4	1,399.62	1/4	1,068.16	1/4	748.49	1/4	451.54	1/4	176.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,392.71	1/2	1,061.26	1/2	742.06	1/2	445.56	1/2	170.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,385.80	3/4	1,054.38	3/4	735.67	3/4	439.62	3/4	165.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,378.90	11	1,047.50	11	729.29	11	433.68	11	159.98	11		11	11	11	11	11	11	11	11
1/4	1,371.99	1/4	1,040.62	1/4	722.90	1/4	427.74	1/4	154.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,365.09	1/2	1,033.74	1/2	716.51	1/2	421.80	1/2	149.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,358.18	3/4	1,026.90	3/4	710.16	3/4	415.90	3/4	143.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	5,221.54	0	4,860.12	0	4,479.21	0	4,090.47	0	3,701.73	0	3,312.98	0	2,924.24	0	2,535.47
1/4		1/4	5,564.12	1/4	5,214.21	1/4	4,852.37	1/4	4,471.11	1/4	4,082.37	1/4	3,693.63	1/4	3,304.88	1/4	2,916.14	1/4	2,527.37
1/2		1/2	5,558.50	1/2	5,206.85	1/2	4,844.60	1/2	4,463.02	1/2	4,074.27	1/2	3,685.53	1/2	3,296.79	1/2	2,908.04	1/2	2,519.27
3/4		3/4	5,552.88	3/4	5,199.49	3/4	4,836.82	3/4	4,454.92	3/4	4,066.17	3/4	3,677.43	3/4	3,288.69	3/4	2,899.94	3/4	2,511.16
1		1	5,547.26	1	5,192.14	1	4,829.05	1	4,446.82	1	4,058.08	1	3,669.33	1	3,280.59	1	2,891.84	1	2,503.06
1/4		1/4	5,541.64	1/4	5,184.78	1/4	4,821.27	1/4	4,438.72	1/4	4,049.98	1/4	3,661.23	1/4	3,272.49	1/4	2,883.74	1/4	2,494.96
1/2		1/2	5,534.50	1/2	5,177.39	1/2	4,813.47	1/2	4,430.62	1/2	4,041.88	1/2	3,653.14	1/2	3,264.39	1/2	2,875.64	1/2	2,486.86
3/4		3/4	5,527.35	3/4	5,170.00	3/4	4,805.66	3/4	4,422.52	3/4	4,033.78	3/4	3,645.04	3/4	3,256.29	3/4	2,867.54	3/4	2,478.76
2		2	5,520.21	2	5,162.61	2	4,797.85	2	4,414.42	2	4,025.68	2	3,636.94	2	3,248.19	2	2,859.44	2	2,470.65
1/4		1/4	5,513.07	1/4	5,155.22	1/4	4,790.05	1/4	4,406.32	1/4	4,017.58	1/4	3,628.84	1/4	3,240.09	1/4	2,851.35	1/4	2,462.55
1/2		1/2	5,505.12	1/2	5,147.80	1/2	4,782.21	1/2	4,398.23	1/2	4,009.48	1/2	3,620.74	1/2	3,231.99	1/2	2,843.25	1/2	2,454.45
3/4		3/4	5,497.17	3/4	5,140.37	3/4	4,774.37	3/4	4,390.13	3/4	4,001.38	3/4	3,612.64	3/4	3,223.90	3/4	2,835.15	3/4	2,446.35
3		3	5,489.22	3	5,132.95	3	4,766.53	3	4,382.03	3	3,993.29	3	3,604.54	3	3,215.80	3	2,827.05	3	2,438.25
1/4		1/4	5,481.27	1/4	5,125.53	1/4	4,758.70	1/4	4,373.93	1/4	3,985.19	1/4	3,596.44	1/4	3,207.70	1/4	2,818.95	1/4	2,430.14
1/2		1/2	5,473.22	1/2	5,118.08	1/2	4,750.83	1/2	4,365.83	1/2	3,977.09	1/2	3,588.35	1/2	3,199.60	1/2	2,810.85	1/2	2,422.04
3/4		3/4	5,465.17	3/4	5,110.63	3/4	4,742.96	3/4	4,357.73	3/4	3,968.99	3/4	3,580.25	3/4	3,191.50	3/4	2,802.75	3/4	2,413.94
4		4	5,457.11	4	5,103.18	4	4,735.09	4	4,349.63	4	3,960.89	4	3,572.15	4	3,183.40	4	2,794.65	4	2,405.84
1/4		1/4	5,449.06	1/4	5,095.73	1/4	4,727.23	1/4	4,341.53	1/4	3,952.79	1/4	3,564.05	1/4	3,175.30	1/4	2,786.55	1/4	2,397.74
1/2		1/2	5,441.24	1/2	5,088.24	1/2	4,719.33	1/2	4,333.44	1/2	3,944.69	1/2	3,555.95	1/2	3,167.20	1/2	2,778.46	1/2	2,389.63
3/4		3/4	5,433.41	3/4	5,080.76	3/4	4,711.43	3/4	4,325.34	3/4	3,936.59	3/4	3,547.85	3/4	3,159.10	3/4	2,770.36	3/4	2,381.53
5		5	5,425.59	5	5,073.28	5	4,703.53	5	4,317.24	5	3,928.50	5	3,539.75	5	3,151.01	5	2,762.26	5	2,373.43
1/4		1/4	5,417.76	1/4	5,065.80	1/4	4,695.63	1/4	4,309.14	1/4	3,920.40	1/4	3,531.65	1/4	3,142.91	1/4	2,754.16	1/4	2,365.33
1/2		1/2	5,410.39	1/2	5,058.28	1/2	4,687.70	1/2	4,301.04	1/2	3,912.30	1/2	3,523.55	1/2	3,134.81	1/2	2,746.06	1/2	2,357.23
3/4		3/4	5,403.01	3/4	5,050.77	3/4	4,679.77	3/4	4,292.94	3/4	3,904.20	3/4	3,515.46	3/4	3,126.71	3/4	2,737.96	3/4	2,349.12
6		6	5,395.63	6	5,043.26	6	4,671.84	6	4,284.84	6	3,896.10	6	3,507.36	6	3,118.61	6	2,729.86	6	2,341.02
1/4		1/4	5,388.25	1/4	5,035.75	1/4	4,663.91	1/4	4,276.74	1/4	3,888.00	1/4	3,499.26	1/4	3,110.51	1/4	2,721.76	1/4	2,332.92
1/2		1/2	5,381.08	1/2	5,028.20	1/2	4,655.95	1/2	4,268.64	1/2	3,879.90	1/2	3,491.16	1/2	3,102.41	1/2	2,713.66	1/2	2,324.82
3/4		3/4	5,373.90	3/4	5,020.66	3/4	4,647.99	3/4	4,260.55	3/4	3,871.80	3/4	3,483.06	3/4	3,094.31	3/4	2,705.57	3/4	2,316.72
7		7	5,366.73	7	5,013.11	7	4,640.03	7	4,252.45	7	3,863.70	7	3,474.96	7	3,086.21	7	2,697.47	7	2,308.61
1/4		1/4	5,359.55	1/4	5,005.57	1/4	4,632.07	1/4	4,244.35	1/4	3,855.61	1/4	3,466.86	1/4	3,078.12	1/4	2,689.37	1/4	2,300.51
1/2		1/2	5,352.35	1/2	4,998.00	1/2	4,624.08	1/2	4,236.25	1/2	3,847.51	1/2	3,458.76	1/2	3,070.02	1/2	2,681.27	1/2	2,292.41
3/4		3/4	5,345.14	3/4	4,990.42	3/4	4,616.09	3/4	4,228.15	3/4	3,839.41	3/4	3,450.66	3/4	3,061.92	3/4	2,673.17	3/4	2,284.31
8		8	5,337.94	8	4,982.85	8	4,608.10	8	4,220.05	8	3,831.31	8	3,442.57	8	3,053.82	8	2,665.07	8	2,276.21
1/4		1/4	5,330.73	1/4	4,975.27	1/4	4,600.11	1/4	4,211.95	1/4	3,823.21	1/4	3,434.47	1/4	3,045.72	1/4	2,656.97	1/4	2,268.10
1/2		1/2	5,323.49	1/2	4,967.67	1/2	4,592.09	1/2	4,203.85	1/2	3,815.11	1/2	3,426.37	1/2	3,037.62	1/2	2,648.87	1/2	2,260.00
3/4		3/4	5,316.26	3/4	4,960.06	3/4	4,584.06	3/4	4,195.76	3/4	3,807.01	3/4	3,418.27	3/4	3,029.52	3/4	2,640.77	3/4	2,251.90
9		9	5,309.02	9	4,952.46	9	4,576.04	9	4,187.66	9	3,798.91	9	3,410.17	9	3,021.42	9	2,632.68	9	2,243.80
1/4		1/4	5,301.79	1/4	4,944.85	1/4	4,568.02	1/4	4,179.56	1/4	3,790.82	1/4	3,402.07	1/4	3,013.32	1/4	2,624.58	1/4	2,235.70
1/2		1/2	5,294.52	1/2	4,937.19	1/2	4,559.97	1/2	4,171.46	1/2	3,782.72	1/2	3,393.97	1/2	3,005.23	1/2	2,616.48	1/2	2,227.59
3/4		3/4	5,287.25	3/4	4,929.53	3/4	4,551.91	3/4	4,163.36	3/4	3,774.62	3/4	3,385.87	3/4	2,997.13	3/4	2,608.38	3/4	2,219.49
10		10	5,279.98	10	4,921.87	10	4,543.86	10	4,155.26	10	3,766.52	10	3,377.77	10	2,989.03	10	2,600.28	10	2,211.39
1/4		1/4	5,272.72	1/4	4,914.21	1/4	4,535.81	1/4	4,147.16	1/4	3,758.42	1/4	3,369.68	1/4	2,980.93	1/4	2,592.18	1/4	2,203.29
1/2		1/2	5,265.42	1/2	4,906.50	1/2	4,527.73	1/2	4,139.06	1/2	3,750.32	1/2	3,361.58	1/2	2,972.83	1/2	2,584.08	1/2	2,195.19
3/4		3/4	5,258.12	3/4	4,898.78	3/4	4,519.65	3/4	4,130.97	3/4	3,742.22	3/4	3,353.48	3/4	2,964.73	3/4	2,575.98	3/4	2,187.08
11		11	5,250.82	11	4,891.07	11	4,511.57	11	4,122.87	11	3,734.12	11	3,345.38	11	2,956.63	11	2,567.88	11	2,178.98
1/4		1/4	5,243.53	1/4	4,883.35	1/4	4,503.49	1/4	4,114.77	1/4	3,726.03	1/4	3,337.28	1/4	2,948.53	1/4	2,559.78	1/4	2,170.88
1/2		1/2	5,236.20	1/2	4,875.61	1/2	4,495.40	1/2	4,106.67	1/2	3,717.93	1/2	3,329.18	1/2	2,940.43	1/2	2,551.67	1/2	2,162.78
3/4		3/4	5,228.87	3/4	4,867.86	3/4	4,487.30	3/4	4,098.57	3/4	3,709.83	3/4	3,321.08	3/4	2,932.34	3/4	2,543.57	3/4	2,154.68

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

2 PORT 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	2,146.57	0	1,757.68	0	1,368.78	0	979.94	0	591.77	0	202.92	0		0		0		0	
1/4	2,138.47	1/4	1,749.58	1/4	1,360.68	1/4	971.85	1/4	583.66	1/4	194.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,130.37	1/2	1,741.47	1/2	1,352.58	1/2	963.77	1/2	575.56	1/2	186.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,122.27	3/4	1,733.37	3/4	1,344.48	3/4	955.69	3/4	567.46	3/4	178.61	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,114.17	1	1,725.27	1	1,336.37	1	947.61	1	559.36	1	170.51	1	1	1	1	1	1	1	1
1/4	2,106.06	1/4	1,717.17	1/4	1,328.27	1/4	939.53	1/4	551.26	1/4	162.41	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,097.96	1/2	1,709.07	1/2	1,320.17	1/2	931.45	1/2	543.15	1/2	154.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,089.86	3/4	1,700.96	3/4	1,312.07	3/4	923.37	3/4	535.05	3/4	146.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,081.76	2	1,692.86	2	1,303.97	2	915.29	2	526.95	2	138.10	2	2	2	2	2	2	2	2
1/4	2,073.66	1/4	1,684.76	1/4	1,295.86	1/4	907.21	1/4	518.85	1/4	130.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,065.55	1/2	1,676.66	1/2	1,287.76	1/2	899.13	1/2	510.75	1/2	121.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,057.45	3/4	1,668.56	3/4	1,279.66	3/4	891.05	3/4	502.65	3/4	113.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,049.35	3	1,660.45	3	1,271.56	3	882.97	3	494.55	3	105.69	3	3	3	3	3	3	3	3
1/4	2,041.25	1/4	1,652.35	1/4	1,263.46	1/4	874.89	1/4	486.45	1/4	97.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,033.15	1/2	1,644.25	1/2	1,255.35	1/2	866.81	1/2	478.35	1/2	89.49	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,025.04	3/4	1,636.15	3/4	1,247.25	3/4	858.73	3/4	470.25	3/4	81.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,016.94	4	1,628.05	4	1,239.15	4	850.65	4	462.15	4	73.29	4	4	4	4	4	4	4	4
1/4	2,008.84	1/4	1,619.94	1/4	1,231.05	1/4	842.57	1/4	454.06	1/4	65.18	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,000.74	1/2	1,611.84	1/2	1,222.95	1/2	834.49	1/2	445.96	1/2	57.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,992.64	3/4	1,603.74	3/4	1,214.84	3/4	826.42	3/4	437.86	3/4	50.33	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,984.53	5	1,595.64	5	1,206.74	5	818.34	5	429.76	5	42.90	5	5	5	5	5	5	5	5
1/4	1,976.43	1/4	1,587.54	1/4	1,198.64	1/4	810.26	1/4	421.67	1/4	35.48	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,968.33	1/2	1,579.43	1/2	1,190.54	1/2	802.18	1/2	413.57	1/2	30.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,960.23	3/4	1,571.33	3/4	1,182.44	3/4	794.10	3/4	405.47	3/4	24.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,952.13	6	1,563.23	6	1,174.33	6	786.03	6	397.36	6	19.27	6	6	6	6	6	6	6	6
1/4	1,944.02	1/4	1,555.13	1/4	1,166.23	1/4	777.95	1/4	389.26	1/4	13.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,935.92	1/2	1,547.03	1/2	1,158.13	1/2	769.87	1/2	381.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,927.82	3/4	1,538.92	3/4	1,150.03	3/4	761.79	3/4	373.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,919.72	7	1,530.82	7	1,141.93	7	753.71	7	364.96	7		7	7	7	7	7	7	7	7
1/4	1,911.62	1/4	1,522.72	1/4	1,133.82	1/4	745.63	1/4	356.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,903.51	1/2	1,514.62	1/2	1,125.72	1/2	737.55	1/2	348.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,895.41	3/4	1,506.52	3/4	1,117.62	3/4	729.46	3/4	340.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,887.31	8	1,498.41	8	1,109.52	8	721.37	8	332.55	8		8	8	8	8	8	8	8	8
1/4	1,879.21	1/4	1,490.31	1/4	1,101.42	1/4	713.28	1/4	324.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,871.11	1/2	1,482.21	1/2	1,093.31	1/2	705.18	1/2	316.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,863.00	3/4	1,474.11	3/4	1,085.21	3/4	697.09	3/4	308.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,854.90	9	1,466.01	9	1,077.11	9	688.99	9	300.14	9		9	9	9	9	9	9	9	9
1/4	1,846.80	1/4	1,457.90	1/4	1,069.01	1/4	680.89	1/4	292.04	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,838.70	1/2	1,449.80	1/2	1,060.91	1/2	672.79	1/2	283.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,830.60	3/4	1,441.70	3/4	1,052.80	3/4	664.68	3/4	275.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,822.49	10	1,433.60	10	1,044.70	10	656.58	10	267.73	10		10	10	10	10	10	10	10	10
1/4	1,814.39	1/4	1,425.50	1/4	1,036.60	1/4	648.48	1/4	259.63	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,806.29	1/2	1,417.39	1/2	1,028.50	1/2	640.38	1/2	251.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,798.19	3/4	1,409.29	3/4	1,020.40	3/4	632.28	3/4	243.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,790.09	11	1,401.19	11	1,012.30	11	624.17	11	235.33	11		11	11	11	11	11	11	11	11
1/4	1,781.98	1/4	1,393.09	1/4	1,004.21	1/4	616.07	1/4	227.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,773.88	1/2	1,384.99	1/2	996.12	1/2	607.97	1/2	219.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,765.78	3/4	1,376.88	3/4	988.03	3/4	599.87	3/4	211.02	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	5,182.54	0	4,822.02	0	4,442.07	0	4,054.33	0	3,666.58	0	3,278.83	0	2,891.07	0	2,503.30
1/4		1/4	5,524.26	1/4	5,175.23	1/4	4,814.29	1/4	4,434.00	1/4	4,046.25	1/4	3,658.50	1/4	3,270.75	1/4	2,883.00	1/4	2,495.22
1/2		1/2	5,518.65	1/2	5,167.89	1/2	4,806.54	1/2	4,425.92	1/2	4,038.17	1/2	3,650.42	1/2	3,262.67	1/2	2,874.92	1/2	2,487.14
3/4		3/4	5,513.05	3/4	5,160.55	3/4	4,798.78	3/4	4,417.84	3/4	4,030.10	3/4	3,642.35	3/4	3,254.59	3/4	2,866.84	3/4	2,479.06
1		1	5,507.44	1	5,153.21	1	4,791.03	1	4,409.77	1	4,022.02	1	3,634.27	1	3,246.51	1	2,858.76	1	2,470.98
1/4		1/4	5,501.83	1/4	5,145.87	1/4	4,783.27	1/4	4,401.69	1/4	4,013.94	1/4	3,626.19	1/4	3,238.44	1/4	2,850.68	1/4	2,462.90
1/2		1/2	5,494.71	1/2	5,138.50	1/2	4,775.48	1/2	4,393.61	1/2	4,005.86	1/2	3,618.11	1/2	3,230.36	1/2	2,842.60	1/2	2,454.81
3/4		3/4	5,487.59	3/4	5,131.12	3/4	4,767.70	3/4	4,385.53	3/4	3,997.78	3/4	3,610.03	3/4	3,222.28	3/4	2,834.53	3/4	2,446.73
2		2	5,480.47	2	5,123.75	2	4,759.91	2	4,377.45	2	3,989.70	2	3,601.96	2	3,214.20	2	2,826.45	2	2,438.65
1/4		1/4	5,473.35	1/4	5,116.38	1/4	4,752.12	1/4	4,369.38	1/4	3,981.63	1/4	3,593.88	1/4	3,206.12	1/4	2,818.37	1/4	2,430.57
1/2		1/2	5,465.42	1/2	5,108.98	1/2	4,744.31	1/2	4,361.30	1/2	3,973.55	1/2	3,585.80	1/2	3,198.05	1/2	2,810.29	1/2	2,422.49
3/4		3/4	5,457.49	3/4	5,101.58	3/4	4,736.49	3/4	4,353.22	3/4	3,965.47	3/4	3,577.72	3/4	3,189.97	3/4	2,802.21	3/4	2,414.41
3		3	5,449.56	3	5,094.17	3	4,728.67	3	4,345.14	3	3,957.39	3	3,569.64	3	3,181.89	3	2,794.14	3	2,406.33
1/4		1/4	5,441.63	1/4	5,086.77	1/4	4,720.85	1/4	4,337.06	1/4	3,949.31	1/4	3,561.56	1/4	3,173.81	1/4	2,786.06	1/4	2,398.24
1/2		1/2	5,433.60	1/2	5,079.34	1/2	4,713.00	1/2	4,328.98	1/2	3,941.24	1/2	3,553.49	1/2	3,165.73	1/2	2,777.98	1/2	2,390.16
3/4		3/4	5,425.56	3/4	5,071.91	3/4	4,705.16	3/4	4,320.91	3/4	3,933.16	3/4	3,545.41	3/4	3,157.65	3/4	2,769.90	3/4	2,382.08
4		4	5,417.53	4	5,064.47	4	4,697.31	4	4,312.83	4	3,925.08	4	3,537.33	4	3,149.58	4	2,761.82	4	2,374.00
1/4		1/4	5,409.50	1/4	5,057.04	1/4	4,689.46	1/4	4,304.75	1/4	3,917.00	1/4	3,529.25	1/4	3,141.50	1/4	2,753.74	1/4	2,365.92
1/2		1/2	5,401.70	1/2	5,049.58	1/2	4,681.58	1/2	4,296.67	1/2	3,908.92	1/2	3,521.17	1/2	3,133.42	1/2	2,745.67	1/2	2,357.84
3/4		3/4	5,393.89	3/4	5,042.11	3/4	4,673.70	3/4	4,288.59	3/4	3,900.85	3/4	3,513.10	3/4	3,125.34	3/4	2,737.59	3/4	2,349.76
5		5	5,386.09	5	5,034.65	5	4,665.82	5	4,280.52	5	3,892.77	5	3,505.02	5	3,117.26	5	2,729.51	5	2,341.68
1/4		1/4	5,378.28	1/4	5,027.18	1/4	4,657.95	1/4	4,272.44	1/4	3,884.69	1/4	3,496.94	1/4	3,109.19	1/4	2,721.43	1/4	2,333.59
1/2		1/2	5,370.92	1/2	5,019.69	1/2	4,650.04	1/2	4,264.36	1/2	3,876.61	1/2	3,488.86	1/2	3,101.11	1/2	2,713.35	1/2	2,325.51
3/4		3/4	5,363.56	3/4	5,012.19	3/4	4,642.13	3/4	4,256.28	3/4	3,868.53	3/4	3,480.78	3/4	3,093.03	3/4	2,705.28	3/4	2,317.43
6		6	5,356.20	6	5,004.70	6	4,634.22	6	4,248.20	6	3,860.45	6	3,472.70	6	3,084.95	6	2,697.20	6	2,309.35
1/4		1/4	5,348.84	1/4	4,997.21	1/4	4,626.31	1/4	4,240.13	1/4	3,852.38	1/4	3,464.63	1/4	3,076.87	1/4	2,689.12	1/4	2,301.27
1/2		1/2	5,341.69	1/2	4,989.68	1/2	4,618.37	1/2	4,232.05	1/2	3,844.30	1/2	3,456.55	1/2	3,068.79	1/2	2,681.04	1/2	2,293.19
3/4		3/4	5,334.53	3/4	4,982.16	3/4	4,610.43	3/4	4,223.97	3/4	3,836.22	3/4	3,448.47	3/4	3,060.72	3/4	2,672.96	3/4	2,285.11
7		7	5,327.37	7	4,974.63	7	4,602.49	7	4,215.89	7	3,828.14	7	3,440.39	7	3,052.64	7	2,664.88	7	2,277.03
1/4		1/4	5,320.21	1/4	4,967.11	1/4	4,594.55	1/4	4,207.81	1/4	3,820.06	1/4	3,432.31	1/4	3,044.56	1/4	2,656.81	1/4	2,268.94
1/2		1/2	5,313.03	1/2	4,959.55	1/2	4,586.58	1/2	4,199.74	1/2	3,811.99	1/2	3,424.24	1/2	3,036.48	1/2	2,648.73	1/2	2,260.86
3/4		3/4	5,305.84	3/4	4,951.99	3/4	4,578.61	3/4	4,191.66	3/4	3,803.91	3/4	3,416.16	3/4	3,028.40	3/4	2,640.65	3/4	2,252.78
8		8	5,298.65	8	4,944.44	8	4,570.64	8	4,183.58	8	3,795.83	8	3,408.08	8	3,020.33	8	2,632.57	8	2,244.70
1/4		1/4	5,291.46	1/4	4,936.88	1/4	4,562.66	1/4	4,175.50	1/4	3,787.75	1/4	3,400.00	1/4	3,012.25	1/4	2,624.49	1/4	2,236.62
1/2		1/2	5,284.24	1/2	4,929.30	1/2	4,554.66	1/2	4,167.42	1/2	3,779.67	1/2	3,391.92	1/2	3,004.17	1/2	2,616.42	1/2	2,228.54
3/4		3/4	5,277.03	3/4	4,921.71	3/4	4,546.66	3/4	4,159.34	3/4	3,771.60	3/4	3,383.84	3/4	2,996.09	3/4	2,608.34	3/4	2,220.46
9		9	5,269.81	9	4,914.12	9	4,538.66	9	4,151.27	9	3,763.52	9	3,375.77	9	2,988.01	9	2,600.26	9	2,212.37
1/4		1/4	5,262.59	1/4	4,906.54	1/4	4,530.66	1/4	4,143.19	1/4	3,755.44	1/4	3,367.69	1/4	2,979.93	1/4	2,592.18	1/4	2,204.29
1/2		1/2	5,255.34	1/2	4,898.90	1/2	4,522.63	1/2	4,135.11	1/2	3,747.36	1/2	3,359.61	1/2	2,971.86	1/2	2,584.10	1/2	2,196.21
3/4		3/4	5,248.09	3/4	4,891.26	3/4	4,514.59	3/4	4,127.03	3/4	3,739.28	3/4	3,351.53	3/4	2,963.78	3/4	2,576.02	3/4	2,188.13
10		10	5,240.84	10	4,883.62	10	4,506.56	10	4,118.95	10	3,731.21	10	3,343.45	10	2,955.70	10	2,567.95	10	2,180.05
1/4		1/4	5,233.59	1/4	4,875.98	1/4	4,498.53	1/4	4,110.88	1/4	3,723.13	1/4	3,335.37	1/4	2,947.62	1/4	2,559.87	1/4	2,171.97
1/2		1/2	5,226.31	1/2	4,868.28	1/2	4,490.47	1/2	4,102.80	1/2	3,715.05	1/2	3,327.30	1/2	2,939.54	1/2	2,551.79	1/2	2,163.89
3/4		3/4	5,219.03	3/4	4,860.59	3/4	4,482.41	3/4	4,094.72	3/4	3,706.97	3/4	3,319.22	3/4	2,931.46	3/4	2,543.71	3/4	2,155.81
11		11	5,211.75	11	4,852.89	11	4,474.35	11	4,086.64	11	3,698.89	11	3,311.14	11	2,923.39	11	2,535.63	11	2,147.72
1/4		1/4	5,204.47	1/4	4,845.20	1/4	4,466.29	1/4	4,078.56	1/4	3,690.81	1/4	3,303.06	1/4	2,915.31	1/4	2,527.55	1/4	2,139.64
1/2		1/2	5,197.16	1/2	4,837.47	1/2	4,458.22	1/2	4,070.49	1/2	3,682.74	1/2	3,294.98	1/2	2,907.23	1/2	2,519.46	1/2	2,131.56
3/4		3/4	5,189.85	3/4	4,829.75	3/4	4,450.15	3/4	4,062.41	3/4	3,674.66	3/4	3,286.91	3/4	2,899.15	3/4	2,511.38	3/4	2,123.48

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

2 STBD 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	2,115.40	0	1,727.50	0	1,339.59	0	965.51	0	590.26	0	202.40	0		0		0		0	
1/4	2,107.32	1/4	1,719.42	1/4	1,331.51	1/4	957.75	1/4	582.17	1/4	194.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,099.24	1/2	1,711.33	1/2	1,323.59	1/2	950.00	1/2	574.09	1/2	186.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,091.16	3/4	1,703.25	3/4	1,315.66	3/4	942.24	3/4	566.01	3/4	178.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,083.07	1	1,695.17	1	1,307.73	1	934.49	1	557.93	1	170.08	1	1	1	1	1	1	1	1
1/4	2,074.99	1/4	1,687.09	1/4	1,299.80	1/4	926.74	1/4	549.85	1/4	161.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,066.91	1/2	1,679.01	1/2	1,292.03	1/2	918.98	1/2	541.77	1/2	153.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,058.83	3/4	1,670.93	3/4	1,284.25	3/4	911.23	3/4	533.69	3/4	145.83	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,050.75	2	1,662.85	2	1,276.48	2	903.47	2	525.60	2	137.75	2	2	2	2	2	2	2	2
1/4	2,042.67	1/4	1,654.77	1/4	1,268.70	1/4	895.72	1/4	517.52	1/4	129.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,034.59	1/2	1,646.68	1/2	1,260.92	1/2	887.97	1/2	509.44	1/2	121.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,026.51	3/4	1,638.60	3/4	1,253.15	3/4	880.21	3/4	501.36	3/4	113.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,018.42	3	1,630.52	3	1,245.37	3	872.46	3	493.28	3	105.42	3	3	3	3	3	3	3	3
1/4	2,010.34	1/4	1,622.44	1/4	1,237.60	1/4	864.71	1/4	485.20	1/4	97.34	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,002.26	1/2	1,614.36	1/2	1,229.82	1/2	856.95	1/2	477.13	1/2	89.26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,994.18	3/4	1,606.28	3/4	1,222.05	3/4	849.20	3/4	469.05	3/4	81.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,986.10	4	1,598.20	4	1,214.27	4	841.45	4	460.97	4	73.10	4	4	4	4	4	4	4	4
1/4	1,978.02	1/4	1,590.11	1/4	1,206.50	1/4	833.69	1/4	452.90	1/4	65.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,969.94	1/2	1,582.03	1/2	1,198.72	1/2	825.94	1/2	444.82	1/2	57.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,961.85	3/4	1,573.95	3/4	1,190.94	3/4	818.19	3/4	436.74	3/4	50.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,953.77	5	1,565.87	5	1,183.17	5	810.44	5	428.67	5	42.80	5	5	5	5	5	5	5	5
1/4	1,945.69	1/4	1,557.79	1/4	1,175.39	1/4	802.68	1/4	420.59	1/4	35.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,937.61	1/2	1,549.71	1/2	1,167.62	1/2	794.93	1/2	412.51	1/2	30.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,929.53	3/4	1,541.63	3/4	1,159.84	3/4	787.18	3/4	404.43	3/4	24.61	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,921.45	6	1,533.55	6	1,152.07	6	779.43	6	396.35	6	19.22	6	6	6	6	6	6	6	6
1/4	1,913.37	1/4	1,525.46	1/4	1,144.29	1/4	771.68	1/4	388.27	1/4	13.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,905.29	1/2	1,517.38	1/2	1,136.52	1/2	763.93	1/2	380.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,897.20	3/4	1,509.30	3/4	1,128.74	3/4	756.18	3/4	372.11	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,889.12	7	1,501.22	7	1,120.97	7	748.42	7	364.03	7		7	7	7	7	7	7	7	7
1/4	1,881.04	1/4	1,493.14	1/4	1,113.19	1/4	740.67	1/4	355.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,872.96	1/2	1,485.06	1/2	1,105.41	1/2	732.91	1/2	347.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,864.88	3/4	1,476.98	3/4	1,097.64	3/4	725.15	3/4	339.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,856.80	8	1,468.90	8	1,089.86	8	717.39	8	331.70	8		8	8	8	8	8	8	8	8
1/4	1,848.72	1/4	1,460.81	1/4	1,082.09	1/4	709.63	1/4	323.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,840.64	1/2	1,452.73	1/2	1,074.31	1/2	701.85	1/2	315.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,832.55	3/4	1,444.65	3/4	1,066.54	3/4	694.08	3/4	307.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,824.47	9	1,436.57	9	1,058.76	9	686.31	9	299.38	9		9	9	9	9	9	9	9	9
1/4	1,816.39	1/4	1,428.49	1/4	1,050.99	1/4	678.54	1/4	291.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,808.31	1/2	1,420.41	1/2	1,043.21	1/2	670.61	1/2	283.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,800.23	3/4	1,412.33	3/4	1,035.43	3/4	662.68	3/4	275.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,792.15	10	1,404.24	10	1,027.66	10	654.75	10	267.05	10		10	10	10	10	10	10	10	10
1/4	1,784.07	1/4	1,396.16	1/4	1,019.88	1/4	646.82	1/4	258.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,775.98	1/2	1,388.08	1/2	1,012.11	1/2	638.74	1/2	250.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,767.90	3/4	1,380.00	3/4	1,004.34	3/4	630.66	3/4	242.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,759.82	11	1,371.92	11	996.57	11	622.58	11	234.73	11		11	11	11	11	11	11	11	11
1/4	1,751.74	1/4	1,363.84	1/4	988.79	1/4	614.50	1/4	226.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,743.66	1/2	1,355.76	1/2	981.03	1/2	606.42	1/2	218.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,735.58	3/4	1,347.68	3/4	973.27	3/4	598.34	3/4	210.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	4,728.38	0	4,499.04	0	4,256.51	0	3,996.35	0	3,729.25	0	3,417.36	0	3,057.40	0	2,696.77	0	2,336.03
1/4		1/4	4,725.17	1/4	4,494.16	1/4	4,251.24	1/4	3,990.79	1/4	3,723.68	1/4	3,409.96	1/4	3,049.88	1/4	2,689.26	1/4	2,328.51
1/2		1/2	4,721.96	1/2	4,489.27	1/2	4,245.98	1/2	3,985.22	1/2	3,718.12	1/2	3,402.56	1/2	3,042.37	1/2	2,681.75	1/2	2,320.99
3/4		3/4	4,718.75	3/4	4,484.38	3/4	4,240.71	3/4	3,979.66	3/4	3,712.55	3/4	3,395.16	3/4	3,034.86	3/4	2,674.23	3/4	2,313.47
1		1	4,715.54	1	4,479.49	1	4,235.45	1	3,974.09	1	3,706.99	1	3,387.75	1	3,027.34	1	2,666.72	1	2,305.94
1/4		1/4	4,710.92	1/4	4,474.57	1/4	4,230.16	1/4	3,968.53	1/4	3,701.42	1/4	3,380.29	1/4	3,019.83	1/4	2,659.21	1/4	2,298.42
1/2		1/2	4,706.30	1/2	4,469.65	1/2	4,224.86	1/2	3,962.96	1/2	3,695.86	1/2	3,372.83	1/2	3,012.32	1/2	2,651.69	1/2	2,290.90
3/4		3/4	4,701.68	3/4	4,464.74	3/4	4,219.57	3/4	3,957.40	3/4	3,690.29	3/4	3,365.37	3/4	3,004.80	3/4	2,644.18	3/4	2,283.38
2		2	4,697.06	2	4,459.82	2	4,214.28	2	3,951.83	2	3,684.73	2	3,357.92	2	2,997.29	2	2,636.67	2	2,275.85
1/4		1/4	4,691.69	1/4	4,454.87	1/4	4,208.96	1/4	3,946.27	1/4	3,679.16	1/4	3,350.40	1/4	2,989.78	1/4	2,629.15	1/4	2,268.33
1/2		1/2	4,686.32	1/2	4,449.93	1/2	4,203.63	1/2	3,940.70	1/2	3,673.60	1/2	3,342.89	1/2	2,982.27	1/2	2,621.64	1/2	2,260.81
3/4		3/4	4,680.94	3/4	4,444.98	3/4	4,198.31	3/4	3,935.14	3/4	3,668.03	3/4	3,335.38	3/4	2,974.75	3/4	2,614.13	3/4	2,253.29
3		3	4,675.57	3	4,440.04	3	4,192.99	3	3,929.57	3	3,662.47	3	3,327.86	3	2,967.24	3	2,606.62	3	2,245.76
1/4		1/4	4,670.11	1/4	4,435.06	1/4	4,187.64	1/4	3,924.01	1/4	3,656.90	1/4	3,320.35	1/4	2,959.73	1/4	2,599.10	1/4	2,238.25
1/2		1/2	4,664.64	1/2	4,430.09	1/2	4,182.29	1/2	3,918.44	1/2	3,651.34	1/2	3,312.84	1/2	2,952.21	1/2	2,591.59	1/2	2,230.74
3/4		3/4	4,659.17	3/4	4,425.11	3/4	4,176.94	3/4	3,912.88	3/4	3,645.77	3/4	3,305.32	3/4	2,944.70	3/4	2,584.08	3/4	2,223.22
4		4	4,653.71	4	4,420.14	4	4,171.59	4	3,907.32	4	3,640.21	4	3,297.81	4	2,937.19	4	2,576.56	4	2,215.71
1/4		1/4	4,648.45	1/4	4,415.13	1/4	4,166.21	1/4	3,901.75	1/4	3,634.65	1/4	3,290.30	1/4	2,929.67	1/4	2,569.05	1/4	2,208.20
1/2		1/2	4,643.19	1/2	4,410.13	1/2	4,160.83	1/2	3,896.19	1/2	3,629.08	1/2	3,282.79	1/2	2,922.16	1/2	2,561.54	1/2	2,200.69
3/4		3/4	4,637.94	3/4	4,405.13	3/4	4,155.45	3/4	3,890.62	3/4	3,623.52	3/4	3,275.27	3/4	2,914.65	3/4	2,554.02	3/4	2,193.19
5		5	4,632.68	5	4,400.12	5	4,150.07	5	3,885.06	5	3,617.95	5	3,267.76	5	2,907.14	5	2,546.51	5	2,185.68
1/4		1/4	4,627.84	1/4	4,395.09	1/4	4,144.67	1/4	3,879.49	1/4	3,611.90	1/4	3,260.25	1/4	2,899.62	1/4	2,539.00	1/4	2,178.18
1/2		1/2	4,623.00	1/2	4,390.06	1/2	4,139.26	1/2	3,873.93	1/2	3,605.84	1/2	3,252.73	1/2	2,892.11	1/2	2,531.49	1/2	2,170.67
3/4		3/4	4,618.16	3/4	4,385.03	3/4	4,133.85	3/4	3,868.36	3/4	3,599.79	3/4	3,245.22	3/4	2,884.60	3/4	2,523.97	3/4	2,163.16
6		6	4,613.32	6	4,380.00	6	4,128.44	6	3,862.80	6	3,593.74	6	3,237.71	6	2,877.08	6	2,516.46	6	2,155.66
1/4		1/4	4,608.67	1/4	4,374.94	1/4	4,123.01	1/4	3,857.23	1/4	3,586.71	1/4	3,230.19	1/4	2,869.57	1/4	2,508.95	1/4	2,148.15
1/2		1/2	4,604.01	1/2	4,369.88	1/2	4,117.57	1/2	3,851.67	1/2	3,579.68	1/2	3,222.68	1/2	2,862.06	1/2	2,501.43	1/2	2,140.65
3/4		3/4	4,599.36	3/4	4,364.82	3/4	4,112.14	3/4	3,846.10	3/4	3,572.65	3/4	3,215.17	3/4	2,854.54	3/4	2,493.92	3/4	2,133.14
7		7	4,594.71	7	4,359.76	7	4,106.70	7	3,840.54	7	3,565.63	7	3,207.66	7	2,847.03	7	2,486.41	7	2,125.64
1/4		1/4	4,590.03	1/4	4,354.67	1/4	4,101.24	1/4	3,834.97	1/4	3,558.17	1/4	3,200.14	1/4	2,839.52	1/4	2,478.89	1/4	2,118.13
1/2		1/2	4,585.35	1/2	4,349.58	1/2	4,095.77	1/2	3,829.41	1/2	3,550.71	1/2	3,192.63	1/2	2,832.01	1/2	2,471.38	1/2	2,110.62
3/4		3/4	4,580.67	3/4	4,344.49	3/4	4,090.31	3/4	3,823.85	3/4	3,543.26	3/4	3,185.12	3/4	2,824.49	3/4	2,463.87	3/4	2,103.12
8		8	4,575.99	8	4,339.40	8	4,084.84	8	3,818.28	8	3,535.80	8	3,177.60	8	2,816.98	8	2,456.36	8	2,095.61
1/4		1/4	4,571.25	1/4	4,334.28	1/4	4,079.35	1/4	3,812.72	1/4	3,528.40	1/4	3,170.09	1/4	2,809.47	1/4	2,448.84	1/4	2,088.11
1/2		1/2	4,566.51	1/2	4,329.17	1/2	4,073.86	1/2	3,807.15	1/2	3,520.99	1/2	3,162.58	1/2	2,801.95	1/2	2,441.32	1/2	2,080.60
3/4		3/4	4,561.77	3/4	4,324.05	3/4	4,068.36	3/4	3,801.59	3/4	3,513.59	3/4	3,155.06	3/4	2,794.44	3/4	2,433.81	3/4	2,073.09
9		9	4,557.02	9	4,318.93	9	4,062.87	9	3,796.02	9	3,506.19	9	3,147.55	9	2,786.93	9	2,426.29	9	2,065.59
1/4		1/4	4,552.22	1/4	4,313.77	1/4	4,057.35	1/4	3,790.46	1/4	3,498.79	1/4	3,140.04	1/4	2,779.41	1/4	2,418.77	1/4	2,058.08
1/2		1/2	4,547.42	1/2	4,308.61	1/2	4,051.83	1/2	3,784.89	1/2	3,491.39	1/2	3,132.53	1/2	2,771.90	1/2	2,411.25	1/2	2,050.58
3/4		3/4	4,542.61	3/4	4,303.44	3/4	4,046.30	3/4	3,779.33	3/4	3,483.98	3/4	3,125.01	3/4	2,764.39	3/4	2,403.73	3/4	2,043.07
10		10	4,537.81	10	4,298.28	10	4,040.78	10	3,773.76	10	3,476.58	10	3,117.50	10	2,756.88	10	2,396.21	10	2,035.56
1/4		1/4	4,532.98	1/4	4,293.07	1/4	4,035.24	1/4	3,768.20	1/4	3,469.18	1/4	3,109.99	1/4	2,749.36	1/4	2,388.69	1/4	2,028.06
1/2		1/2	4,528.15	1/2	4,287.87	1/2	4,029.69	1/2	3,762.63	1/2	3,461.78	1/2	3,102.47	1/2	2,741.85	1/2	2,381.17	1/2	2,020.55
3/4		3/4	4,523.32	3/4	4,282.66	3/4	4,024.14	3/4	3,757.07	3/4	3,454.38	3/4	3,094.96	3/4	2,734.34	3/4	2,373.65	3/4	2,013.05
11		11	4,518.49	11	4,277.45	11	4,018.59	11	3,751.50	11	3,446.97	11	3,087.45	11	2,726.82	11	2,366.12	11	2,005.54
1/4		1/4	4,513.63	1/4	4,272.22	1/4	4,013.03	1/4	3,745.94	1/4	3,439.57	1/4	3,079.93	1/4	2,719.31	1/4	2,358.60	1/4	1,998.03
1/2		1/2	4,508.77	1/2	4,266.98	1/2	4,007.47	1/2	3,740.37	1/2	3,432.17	1/2	3,072.42	1/2	2,711.80	1/2	2,351.08	1/2	1,990.53
3/4		3/4	4,503.90	3/4	4,261.74	3/4	4,001.91	3/4	3,734.81	3/4	3,424.77	3/4	3,064.91	3/4	2,704.28	3/4	2,343.56	3/4	1,983.02

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	1,975.52	0	1,614.79	0	1,253.86	0	894.92	0	541.96	0	180.91	0		0		0		0	
1/4	1,968.01	1/4	1,607.27	1/4	1,246.34	1/4	887.61	1/4	534.44	1/4	173.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,960.51	1/2	1,599.75	1/2	1,238.83	1/2	880.31	1/2	526.92	1/2	165.87	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,953.00	3/4	1,592.23	3/4	1,231.31	3/4	873.00	3/4	519.39	3/4	158.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,945.49	1	1,584.71	1	1,223.79	1	865.70	1	511.87	1	150.82	1	1	1	1	1	1	1	1
1/4	1,937.99	1/4	1,577.19	1/4	1,216.27	1/4	858.39	1/4	504.35	1/4	143.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,930.48	1/2	1,569.67	1/2	1,208.75	1/2	851.09	1/2	496.83	1/2	135.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,922.98	3/4	1,562.15	3/4	1,201.23	3/4	843.78	3/4	489.30	3/4	128.25	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,915.47	2	1,554.64	2	1,193.71	2	836.48	2	481.78	2	120.73	2	2	2	2	2	2	2	2
1/4	1,907.96	1/4	1,547.12	1/4	1,186.19	1/4	829.17	1/4	474.26	1/4	113.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,900.46	1/2	1,539.60	1/2	1,178.67	1/2	821.87	1/2	466.74	1/2	105.68	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,892.95	3/4	1,532.08	3/4	1,171.15	3/4	814.56	3/4	459.21	3/4	98.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,885.45	3	1,524.56	3	1,163.63	3	807.26	3	451.69	3	90.64	3	3	3	3	3	3	3	3
1/4	1,877.94	1/4	1,517.04	1/4	1,156.11	1/4	799.95	1/4	444.17	1/4	83.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,870.42	1/2	1,509.52	1/2	1,148.59	1/2	792.64	1/2	436.66	1/2	75.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,862.91	3/4	1,502.00	3/4	1,141.07	3/4	785.34	3/4	429.14	3/4	68.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,855.40	4	1,494.48	4	1,133.55	4	778.03	4	421.62	4	60.54	4	4	4	4	4	4	4	4
1/4	1,847.88	1/4	1,486.96	1/4	1,126.03	1/4	770.73	1/4	414.10	1/4	53.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,840.36	1/2	1,479.44	1/2	1,118.51	1/2	763.43	1/2	406.58	1/2	46.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,832.85	3/4	1,471.92	3/4	1,110.99	3/4	756.12	3/4	399.07	3/4	39.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,825.33	5	1,464.40	5	1,103.47	5	748.82	5	391.55	5	32.96	5	5	5	5	5	5	5	5
1/4	1,817.81	1/4	1,456.89	1/4	1,095.95	1/4	741.52	1/4	384.03	1/4	27.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,810.29	1/2	1,449.37	1/2	1,088.43	1/2	734.21	1/2	376.51	1/2	22.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,802.77	3/4	1,441.85	3/4	1,080.91	3/4	726.91	3/4	368.99	3/4	17.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,795.25	6	1,434.33	6	1,073.39	6	719.61	6	361.46	6	12.90	6	6	6	6	6	6	6	6
1/4	1,787.73	1/4	1,426.81	1/4	1,065.87	1/4	712.30	1/4	353.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,780.21	1/2	1,419.29	1/2	1,058.35	1/2	705.00	1/2	346.42	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,772.69	3/4	1,411.77	3/4	1,050.84	3/4	697.70	3/4	338.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,765.17	7	1,404.25	7	1,043.32	7	690.39	7	331.37	7		7	7	7	7	7	7	7	7
1/4	1,757.65	1/4	1,396.73	1/4	1,035.80	1/4	683.08	1/4	323.85	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,750.13	1/2	1,389.21	1/2	1,028.28	1/2	675.77	1/2	316.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,742.62	3/4	1,381.69	3/4	1,020.76	3/4	668.45	3/4	308.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,735.10	8	1,374.17	8	1,013.24	8	661.14	8	301.28	8		8	8	8	8	8	8	8	8
1/4	1,727.58	1/4	1,366.66	1/4	1,005.72	1/4	653.82	1/4	293.76	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,720.06	1/2	1,359.14	1/2	998.20	1/2	646.49	1/2	286.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,712.54	3/4	1,351.62	3/4	990.68	3/4	639.17	3/4	278.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,705.02	9	1,344.10	9	983.16	9	631.85	9	271.19	9		9	9	9	9	9	9	9	9
1/4	1,697.50	1/4	1,336.58	1/4	975.74	1/4	624.42	1/4	263.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,689.98	1/2	1,329.06	1/2	968.31	1/2	617.00	1/2	256.14	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,682.46	3/4	1,321.54	3/4	960.89	3/4	609.57	3/4	248.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,674.94	10	1,314.02	10	953.47	10	602.15	10	241.10	10		10	10	10	10	10	10	10	10
1/4	1,667.42	1/4	1,306.50	1/4	946.14	1/4	594.62	1/4	233.57	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,659.90	1/2	1,298.98	1/2	938.82	1/2	587.10	1/2	226.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,652.38	3/4	1,291.46	3/4	931.49	3/4	579.58	3/4	218.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,644.87	11	1,283.94	11	924.17	11	572.06	11	211.00	11		11	11	11	11	11	11	11	11
1/4	1,637.35	1/4	1,276.42	1/4	916.86	1/4	564.53	1/4	203.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,629.83	1/2	1,268.90	1/2	909.54	1/2	557.01	1/2	195.96	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,622.31	3/4	1,261.38	3/4	902.23	3/4	549.49	3/4	188.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2021 CL
CALCULATED: 06/01/2021 CL
PRINTED: 06/01/2021 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2021



BARGE CTC29107

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4	4,718.38	1/4	4,488.01	1/4	4,244.40	1/4	3,983.18	1/4	3,715.02	1/4	3,402.24	1/4	3,041.98	1/4	2,681.04	1/4	2,320.15		
1/2		1/2	4,715.15	1/2	4,483.10	1/2	4,239.12	1/2	3,977.60	1/2	3,709.43	1/2	3,394.83	1/2	3,034.46	1/2	2,673.52	1/2	2,312.62		
3/4		3/4	4,711.93	3/4	4,478.19	3/4	4,233.83	3/4	3,972.01	3/4	3,703.85	3/4	3,387.42	3/4	3,026.94	3/4	2,666.01	3/4	2,305.09		
1	1	1	4,708.70	1	4,473.28	1	4,228.54	1	3,966.42	1	3,698.26	1	3,380.02	1	3,019.42	1	2,658.49	1	2,297.56		
1/4		1/4	4,705.48	1/4	4,468.36	1/4	4,223.26	1/4	3,960.84	1/4	3,692.67	1/4	3,372.61	1/4	3,011.90	1/4	2,650.97	1/4	2,290.03		
1/2		1/2	4,700.84	1/2	4,463.42	1/2	4,217.94	1/2	3,955.25	1/2	3,687.09	1/2	3,365.14	1/2	3,004.38	1/2	2,643.45	1/2	2,282.50		
3/4		3/4	4,696.20	3/4	4,458.49	3/4	4,212.63	3/4	3,949.66	3/4	3,681.50	3/4	3,357.68	3/4	2,996.86	3/4	2,635.93	3/4	2,274.97		
2	2	2	4,691.56	2	4,453.55	2	4,207.31	2	3,944.08	2	3,675.91	2	3,350.22	2	2,989.34	2	2,628.42	2	2,267.44		
1/4		1/4	4,686.92	1/4	4,448.61	1/4	4,201.99	1/4	3,938.49	1/4	3,670.33	1/4	3,342.75	1/4	2,981.82	1/4	2,620.90	1/4	2,259.91		
1/2		1/2	4,681.52	1/2	4,443.64	1/2	4,196.65	1/2	3,932.90	1/2	3,664.74	1/2	3,335.23	1/2	2,974.30	1/2	2,613.39	1/2	2,252.38		
3/4		3/4	4,676.13	3/4	4,438.67	3/4	4,191.31	3/4	3,927.32	3/4	3,659.15	3/4	3,327.71	3/4	2,966.78	3/4	2,605.87	3/4	2,244.85		
3	3	3	4,670.74	3	4,433.70	3	4,185.96	3	3,921.73	3	3,653.57	3	3,320.19	3	2,959.26	3	2,598.36	3	2,237.32		
1/4		1/4	4,665.34	1/4	4,428.73	1/4	4,180.62	1/4	3,916.14	1/4	3,647.98	1/4	3,312.67	1/4	2,951.74	1/4	2,590.84	1/4	2,229.79		
1/2		1/2	4,659.85	1/2	4,423.74	1/2	4,175.25	1/2	3,910.56	1/2	3,642.39	1/2	3,305.15	1/2	2,944.22	1/2	2,583.33	1/2	2,222.27		
3/4		3/4	4,654.36	3/4	4,418.74	3/4	4,169.87	3/4	3,904.97	3/4	3,636.81	3/4	3,297.63	3/4	2,936.70	3/4	2,575.81	3/4	2,214.75		
4	4	4	4,648.88	4	4,413.74	4	4,164.50	4	3,899.38	4	3,631.22	4	3,290.12	4	2,929.18	4	2,568.30	4	2,207.23		
1/4		1/4	4,643.39	1/4	4,408.74	1/4	4,159.13	1/4	3,893.80	1/4	3,625.63	1/4	3,282.60	1/4	2,921.66	1/4	2,560.79	1/4	2,199.70		
1/2		1/2	4,638.11	1/2	4,403.72	1/2	4,153.73	1/2	3,888.21	1/2	3,620.05	1/2	3,275.08	1/2	2,914.15	1/2	2,553.27	1/2	2,192.19		
3/4		3/4	4,632.83	3/4	4,398.69	3/4	4,148.33	3/4	3,882.62	3/4	3,614.46	3/4	3,267.56	3/4	2,906.63	3/4	2,545.76	3/4	2,184.68		
5	5	5	4,627.55	5	4,393.67	5	4,142.93	5	3,877.04	5	3,608.87	5	3,260.04	5	2,899.11	5	2,538.24	5	2,177.16		
1/4		1/4	4,622.28	1/4	4,388.64	1/4	4,137.53	1/4	3,871.45	1/4	3,603.29	1/4	3,252.52	1/4	2,891.59	1/4	2,530.73	1/4	2,169.65		
1/2		1/2	4,617.41	1/2	4,383.59	1/2	4,132.10	1/2	3,865.86	1/2	3,597.21	1/2	3,245.00	1/2	2,884.07	1/2	2,523.22	1/2	2,162.13		
3/4		3/4	4,612.55	3/4	4,378.53	3/4	4,126.67	3/4	3,860.28	3/4	3,591.14	3/4	3,237.48	3/4	2,876.55	3/4	2,515.70	3/4	2,154.62		
6	6	6	4,607.69	6	4,373.48	6	4,121.24	6	3,854.69	6	3,585.06	6	3,229.96	6	2,869.03	6	2,508.19	6	2,147.11		
1/4		1/4	4,602.82	1/4	4,368.43	1/4	4,115.81	1/4	3,849.10	1/4	3,578.99	1/4	3,222.44	1/4	2,861.51	1/4	2,500.67	1/4	2,139.59		
1/2		1/2	4,598.15	1/2	4,363.34	1/2	4,110.35	1/2	3,843.52	1/2	3,571.94	1/2	3,214.92	1/2	2,853.99	1/2	2,493.16	1/2	2,132.08		
3/4		3/4	4,593.47	3/4	4,358.26	3/4	4,104.89	3/4	3,837.93	3/4	3,564.89	3/4	3,207.40	3/4	2,846.47	3/4	2,485.65	3/4	2,124.57		
7	7	7	4,588.80	7	4,353.18	7	4,099.43	7	3,832.34	7	3,557.84	7	3,199.88	7	2,838.95	7	2,478.13	7	2,117.05		
1/4		1/4	4,584.12	1/4	4,348.10	1/4	4,093.98	1/4	3,826.76	1/4	3,550.80	1/4	3,192.36	1/4	2,831.43	1/4	2,470.62	1/4	2,109.54		
1/2		1/2	4,579.42	1/2	4,342.98	1/2	4,088.49	1/2	3,821.17	1/2	3,543.32	1/2	3,184.84	1/2	2,823.91	1/2	2,463.10	1/2	2,102.07		
3/4		3/4	4,574.72	3/4	4,337.87	3/4	4,083.00	3/4	3,815.58	3/4	3,535.85	3/4	3,177.32	3/4	2,816.39	3/4	2,455.59	3/4	2,094.61		
8	8	8	4,570.02	8	4,332.76	8	4,077.52	8	3,810.00	8	3,528.37	8	3,169.81	8	2,808.87	8	2,448.07	8	2,087.14		
1/4		1/4	4,565.31	1/4	4,327.65	1/4	4,072.03	1/4	3,804.41	1/4	3,520.90	1/4	3,162.29	1/4	2,801.35	1/4	2,440.56	1/4	2,079.67		
1/2		1/2	4,560.55	1/2	4,322.51	1/2	4,066.51	1/2	3,798.82	1/2	3,513.48	1/2	3,154.77	1/2	2,793.84	1/2	2,433.04	1/2	2,072.25		
3/4		3/4	4,555.79	3/4	4,317.37	3/4	4,061.00	3/4	3,793.24	3/4	3,506.06	3/4	3,147.25	3/4	2,786.32	3/4	2,425.53	3/4	2,064.83		
9	9	9	4,551.02	9	4,312.23	9	4,055.48	9	3,787.65	9	3,498.64	9	3,139.73	9	2,778.80	9	2,418.01	9	2,057.41		
1/4		1/4	4,546.26	1/4	4,307.09	1/4	4,049.97	1/4	3,782.06	1/4	3,491.22	1/4	3,132.21	1/4	2,771.28	1/4	2,410.49	1/4	2,049.99		
1/2		1/2	4,541.43	1/2	4,301.91	1/2	4,044.42	1/2	3,776.47	1/2	3,483.80	1/2	3,124.69	1/2	2,763.76	1/2	2,402.97	1/2	2,042.57		
3/4		3/4	4,536.61	3/4	4,296.72	3/4	4,038.88	3/4	3,770.89	3/4	3,476.38	3/4	3,117.17	3/4	2,756.24	3/4	2,395.44	3/4	2,035.15		
10	10	10	4,531.78	10	4,291.54	10	4,033.34	10	3,765.30	10	3,468.96	10	3,109.65	10	2,748.72	10	2,387.92	10	2,027.73		
1/4		1/4	4,526.96	1/4	4,286.35	1/4	4,027.79	1/4	3,759.71	1/4	3,461.54	1/4	3,102.13	1/4	2,741.20	1/4	2,380.39	1/4	2,020.31		
1/2		1/2	4,522.10	1/2	4,281.12	1/2	4,022.22	1/2	3,754.13	1/2	3,454.12	1/2	3,094.61	1/2	2,733.68	1/2	2,372.86	1/2	2,012.89		
3/4		3/4	4,517.25	3/4	4,275.89	3/4	4,016.65	3/4	3,748.54	3/4	3,446.71	3/4	3,087.09	3/4	2,726.16	3/4	2,365.33	3/4	2,005.47		
11	11	11	4,512.39	11	4,270.66	11	4,011.09	11	3,742.95	11	3,439.29	11	3,079.57	11	2,718.64	11	2,357.80	11	1,998.05		
1/4		1/4	4,507.54	1/4	4,265.43	1/4	4,005.52	1/4	3,737.37	1/4	3,431.88	1/4	3,072.05	1/4	2,711.12	1/4	2,350.27	1/4	1,990.63		
1/2		1/2	4,502.66	1/2	4,260.18	1/2	3,999.93	1/2	3,731.78	1/2	3,424.47	1/2	3,064.53	1/2	2,703.60	1/2	2,342.74	1/2	1,983.21		
3/4		3/4	4,497.77	3/4	4,254.92	3/4	3,994.35	3/4	3,726.19	3/4	3,417.06	3/4	3,057.01	3/4	2,696.08	3/4	2,335.21	3/4	1,975.79		

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE CTC29107

3 STBD 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	1,968.37	0	1,610.24	0	1,249.10	0	892.36	0	550.37	0	188.88	0		0		0		0	
1/4	1,960.95	1/4	1,602.71	1/4	1,241.57	1/4	885.33	1/4	542.84	1/4	181.34	1/4		1/4		1/4		1/4	
1/2	1,953.53	1/2	1,595.19	1/2	1,234.05	1/2	878.31	1/2	535.31	1/2	173.81	1/2		1/2		1/2		1/2	
3/4	1,946.11	3/4	1,587.66	3/4	1,226.53	3/4	871.29	3/4	527.78	3/4	166.28	3/4		3/4		3/4		3/4	
1	1,938.69	1	1,580.14	1	1,219.00	1	864.27	1	520.25	1	158.75	1		1		1		1	
1/4	1,931.27	1/4	1,572.62	1/4	1,211.48	1/4	857.25	1/4	512.71	1/4	151.22	1/4		1/4		1/4		1/4	
1/2	1,923.85	1/2	1,565.09	1/2	1,203.95	1/2	850.23	1/2	505.18	1/2	143.68	1/2		1/2		1/2		1/2	
3/4	1,916.43	3/4	1,557.57	3/4	1,196.43	3/4	843.20	3/4	497.65	3/4	136.14	3/4		3/4		3/4		3/4	
2	1,909.01	2	1,550.05	2	1,188.91	2	836.18	2	490.12	2	128.60	2		2		2		2	
1/4	1,901.59	1/4	1,542.52	1/4	1,181.38	1/4	829.15	1/4	482.59	1/4	121.06	1/4		1/4		1/4		1/4	
1/2	1,894.17	1/2	1,535.00	1/2	1,173.86	1/2	822.13	1/2	475.05	1/2	113.52	1/2		1/2		1/2		1/2	
3/4	1,886.75	3/4	1,527.48	3/4	1,166.33	3/4	815.11	3/4	467.52	3/4	105.98	3/4		3/4		3/4		3/4	
3	1,879.33	3	1,519.95	3	1,158.80	3	808.08	3	459.99	3	98.43	3		3		3		3	
1/4	1,871.91	1/4	1,512.43	1/4	1,151.28	1/4	801.06	1/4	452.46	1/4	90.89	1/4		1/4		1/4		1/4	
1/2	1,864.48	1/2	1,504.90	1/2	1,143.75	1/2	794.03	1/2	444.93	1/2	83.34	1/2		1/2		1/2		1/2	
3/4	1,857.06	3/4	1,497.38	3/4	1,136.22	3/4	787.01	3/4	437.41	3/4	75.80	3/4		3/4		3/4		3/4	
4	1,849.63	4	1,489.86	4	1,128.70	4	779.98	4	429.88	4	68.26	4		4		4		4	
1/4	1,842.20	1/4	1,482.33	1/4	1,121.17	1/4	772.96	1/4	422.35	1/4	60.71	1/4		1/4		1/4		1/4	
1/2	1,834.77	1/2	1,474.81	1/2	1,113.65	1/2	765.94	1/2	414.82	1/2	53.80	1/2		1/2		1/2		1/2	
3/4	1,827.34	3/4	1,467.29	3/4	1,106.12	3/4	758.91	3/4	407.30	3/4	46.88	3/4		3/4		3/4		3/4	
5	1,819.90	5	1,459.76	5	1,098.60	5	751.89	5	399.77	5	39.97	5		5		5		5	
1/4	1,812.47	1/4	1,452.24	1/4	1,091.08	1/4	744.87	1/4	392.24	1/4	33.05	1/4		1/4		1/4		1/4	
1/2	1,805.04	1/2	1,444.72	1/2	1,083.56	1/2	737.84	1/2	384.71	1/2	28.02	1/2		1/2		1/2		1/2	
3/4	1,797.60	3/4	1,437.19	3/4	1,076.04	3/4	730.82	3/4	377.18	3/4	22.99	3/4		3/4		3/4		3/4	
6	1,790.17	6	1,429.67	6	1,068.52	6	723.80	6	369.65	6	17.96	6		6		6		6	
1/4	1,782.74	1/4	1,422.15	1/4	1,061.00	1/4	716.78	1/4	362.12	1/4	12.94	1/4		1/4		1/4		1/4	
1/2	1,775.30	1/2	1,414.62	1/2	1,053.48	1/2	709.76	1/2	354.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,767.87	3/4	1,407.10	3/4	1,045.97	3/4	702.73	3/4	347.05	3/4		3/4		3/4		3/4		3/4	
7	1,760.44	7	1,399.57	7	1,038.45	7	695.71	7	339.52	7		7		7		7		7	
1/4	1,753.00	1/4	1,392.05	1/4	1,030.93	1/4	688.69	1/4	331.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,745.53	1/2	1,384.53	1/2	1,023.41	1/2	681.65	1/2	324.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,738.05	3/4	1,377.00	3/4	1,015.89	3/4	674.61	3/4	316.92	3/4		3/4		3/4		3/4		3/4	
8	1,730.57	8	1,369.48	8	1,008.37	8	667.57	8	309.39	8		8		8		8		8	
1/4	1,723.09	1/4	1,361.96	1/4	1,000.86	1/4	660.53	1/4	301.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,715.57	1/2	1,354.43	1/2	993.34	1/2	653.47	1/2	294.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,708.04	3/4	1,346.91	3/4	985.82	3/4	646.41	3/4	286.79	3/4		3/4		3/4		3/4		3/4	
9	1,700.52	9	1,339.39	9	978.30	9	639.35	9	279.26	9		9		9		9		9	
1/4	1,692.99	1/4	1,331.86	1/4	970.78	1/4	632.29	1/4	271.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,685.47	1/2	1,324.34	1/2	963.50	1/2	624.99	1/2	264.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,677.95	3/4	1,316.81	3/4	956.21	3/4	617.70	3/4	256.67	3/4		3/4		3/4		3/4		3/4	
10	1,670.42	10	1,309.29	10	948.93	10	610.40	10	249.13	10		10		10		10		10	
1/4	1,662.90	1/4	1,301.77	1/4	941.64	1/4	603.10	1/4	241.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,655.38	1/2	1,294.24	1/2	934.59	1/2	595.57	1/2	234.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,647.85	3/4	1,286.72	3/4	927.55	3/4	588.04	3/4	226.54	3/4		3/4		3/4		3/4		3/4	
11	1,640.33	11	1,279.20	11	920.50	11	580.50	11	219.00	11		11		11		11		11	
1/4	1,632.81	1/4	1,271.67	1/4	913.45	1/4	572.97	1/4	211.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,625.28	1/2	1,264.15	1/2	906.42	1/2	565.44	1/2	203.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,617.76	3/4	1,256.62	3/4	899.39	3/4	557.91	3/4	196.41	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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& ANALYSIS, INC.

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