



BARGE "CTC 30113"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 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	21.38	0	358.95	0	721.38	0	1,083.58	0	1,445.78	0	1,808.22	0	2,170.67	0	2,533.12	0	2,895.46	0	3,257.78
1/4	25.62	1/4	366.50	1/4	728.93	1/4	1,091.12	1/4	1,453.33	1/4	1,815.77	1/4	2,178.22	1/4	2,540.67	1/4	2,903.01	1/4	3,265.33
1/2	29.87	1/2	374.05	1/2	736.48	1/2	1,098.66	1/2	1,460.88	1/2	1,823.33	1/2	2,185.77	1/2	2,548.22	1/2	2,910.56	1/2	3,272.87
3/4	34.12	3/4	381.60	3/4	744.03	3/4	1,106.20	3/4	1,468.43	3/4	1,830.88	3/4	2,193.32	3/4	2,555.77	3/4	2,918.11	3/4	3,280.42
1	38.36	1	389.15	1	751.59	1	1,113.73	1	1,475.98	1	1,838.43	1	2,200.87	1	2,563.32	1	2,925.66	1	3,287.97
1/4	43.87	1/4	396.70	1/4	759.14	1/4	1,121.27	1/4	1,483.53	1/4	1,845.98	1/4	2,208.43	1/4	2,570.87	1/4	2,933.20	1/4	3,295.52
1/2	49.37	1/2	404.25	1/2	766.69	1/2	1,128.81	1/2	1,491.08	1/2	1,853.53	1/2	2,215.98	1/2	2,578.42	1/2	2,940.75	1/2	3,303.07
3/4	54.88	3/4	411.80	3/4	774.24	3/4	1,136.35	3/4	1,498.63	3/4	1,861.08	3/4	2,223.53	3/4	2,585.98	3/4	2,948.30	3/4	3,310.61
2	60.38	2	419.35	2	781.79	2	1,143.89	2	1,506.18	2	1,868.63	2	2,231.08	2	2,593.53	2	2,955.85	2	3,318.16
1/4	67.15	1/4	426.90	1/4	789.34	1/4	1,151.43	1/4	1,513.73	1/4	1,876.18	1/4	2,238.63	1/4	2,601.08	1/4	2,963.40	1/4	3,325.71
1/2	73.91	1/2	434.46	1/2	796.89	1/2	1,158.97	1/2	1,521.29	1/2	1,883.73	1/2	2,246.18	1/2	2,608.63	1/2	2,970.95	1/2	3,333.26
3/4	80.67	3/4	442.01	3/4	804.44	3/4	1,166.50	3/4	1,528.84	3/4	1,891.28	3/4	2,253.73	3/4	2,616.18	3/4	2,978.49	3/4	3,340.81
3	87.44	3	449.56	3	811.99	3	1,174.04	3	1,536.39	3	1,898.84	3	2,261.28	3	2,623.73	3	2,986.04	3	3,348.36
1/4	94.91	1/4	457.11	1/4	819.54	1/4	1,181.58	1/4	1,543.94	1/4	1,906.39	1/4	2,268.83	1/4	2,631.28	1/4	2,993.59	1/4	3,355.90
1/2	102.38	1/2	464.66	1/2	827.09	1/2	1,189.12	1/2	1,551.49	1/2	1,913.94	1/2	2,276.38	1/2	2,638.83	1/2	3,001.14	1/2	3,363.45
3/4	109.85	3/4	472.21	3/4	834.64	3/4	1,196.66	3/4	1,559.04	3/4	1,921.49	3/4	2,283.94	3/4	2,646.37	3/4	3,008.69	3/4	3,371.00
4	117.33	4	479.76	4	842.19	4	1,204.20	4	1,566.59	4	1,929.04	4	2,291.49	4	2,653.92	4	3,016.23	4	3,378.55
1/4	124.88	1/4	487.31	1/4	849.74	1/4	1,211.74	1/4	1,574.14	1/4	1,936.59	1/4	2,299.04	1/4	2,661.47	1/4	3,023.78	1/4	3,386.10
1/2	132.43	1/2	494.86	1/2	857.29	1/2	1,219.28	1/2	1,581.69	1/2	1,944.14	1/2	2,306.59	1/2	2,669.02	1/2	3,031.33	1/2	3,393.64
3/4	139.98	3/4	502.41	3/4	864.85	3/4	1,226.81	3/4	1,589.24	3/4	1,951.69	3/4	2,314.14	3/4	2,676.57	3/4	3,038.88	3/4	3,401.19
5	147.53	5	509.96	5	872.40	5	1,234.35	5	1,596.80	5	1,959.24	5	2,321.69	5	2,684.11	5	3,046.43	5	3,408.74
1/4	155.08	1/4	517.51	1/4	879.95	1/4	1,241.90	1/4	1,604.35	1/4	1,966.79	1/4	2,329.24	1/4	2,691.66	1/4	3,053.98	1/4	3,416.29
1/2	162.63	1/2	525.06	1/2	887.50	1/2	1,249.45	1/2	1,611.90	1/2	1,974.35	1/2	2,336.79	1/2	2,699.21	1/2	3,061.52	1/2	3,423.84
3/4	170.18	3/4	532.61	3/4	895.05	3/4	1,257.00	3/4	1,619.45	3/4	1,981.90	3/4	2,344.34	3/4	2,706.76	3/4	3,069.07	3/4	3,431.39
6	177.73	6	540.17	6	902.60	6	1,264.55	6	1,627.00	6	1,989.45	6	2,351.89	6	2,714.31	6	3,076.62	6	3,438.93
1/4	185.28	1/4	547.72	1/4	910.15	1/4	1,272.10	1/4	1,634.55	1/4	1,997.00	1/4	2,359.45	1/4	2,721.85	1/4	3,084.17	1/4	3,446.48
1/2	192.83	1/2	555.27	1/2	917.70	1/2	1,279.65	1/2	1,642.10	1/2	2,004.55	1/2	2,367.00	1/2	2,729.40	1/2	3,091.72	1/2	3,454.03
3/4	200.38	3/4	562.82	3/4	925.25	3/4	1,287.20	3/4	1,649.65	3/4	2,012.10	3/4	2,374.55	3/4	2,736.95	3/4	3,099.26	3/4	3,461.58
7	207.93	7	570.37	7	932.80	7	1,294.76	7	1,657.20	7	2,019.65	7	2,382.10	7	2,744.50	7	3,106.81	7	3,469.13
1/4	215.49	1/4	577.92	1/4	940.34	1/4	1,302.31	1/4	1,664.75	1/4	2,027.20	1/4	2,389.65	1/4	2,752.05	1/4	3,114.36	1/4	3,476.67
1/2	223.04	1/2	585.47	1/2	947.88	1/2	1,309.86	1/2	1,672.31	1/2	2,034.75	1/2	2,397.20	1/2	2,759.60	1/2	3,121.91	1/2	3,484.22
3/4	230.59	3/4	593.02	3/4	955.42	3/4	1,317.41	3/4	1,679.86	3/4	2,042.30	3/4	2,404.75	3/4	2,767.14	3/4	3,129.46	3/4	3,491.77
8	238.14	8	600.57	8	962.96	8	1,324.96	8	1,687.41	8	2,049.86	8	2,412.30	8	2,774.69	8	3,137.01	8	3,499.32
1/4	245.69	1/4	608.12	1/4	970.50	1/4	1,332.51	1/4	1,694.96	1/4	2,057.41	1/4	2,419.85	1/4	2,782.24	1/4	3,144.55	1/4	3,506.87
1/2	253.24	1/2	615.67	1/2	978.04	1/2	1,340.06	1/2	1,702.51	1/2	2,064.96	1/2	2,427.40	1/2	2,789.79	1/2	3,152.10	1/2	3,514.42
3/4	260.79	3/4	623.22	3/4	985.58	3/4	1,347.61	3/4	1,710.06	3/4	2,072.51	3/4	2,434.96	3/4	2,797.34	3/4	3,159.65	3/4	3,521.96
9	268.34	9	630.77	9	993.11	9	1,355.16	9	1,717.61	9	2,080.06	9	2,442.51	9	2,804.88	9	3,167.20	9	3,529.51
1/4	275.89	1/4	638.32	1/4	1,000.65	1/4	1,362.71	1/4	1,725.16	1/4	2,087.61	1/4	2,450.06	1/4	2,812.43	1/4	3,174.75	1/4	3,537.06
1/2	283.44	1/2	645.88	1/2	1,008.19	1/2	1,370.27	1/2	1,732.71	1/2	2,095.16	1/2	2,457.61	1/2	2,819.98	1/2	3,182.30	1/2	3,544.61
3/4	290.99	3/4	653.43	3/4	1,015.73	3/4	1,377.82	3/4	1,740.26	3/4	2,102.71	3/4	2,465.16	3/4	2,827.53	3/4	3,189.84	3/4	3,552.16
10	298.54	10	660.98	10	1,023.27	10	1,385.37	10	1,747.82	10	2,110.26	10	2,472.71	10	2,835.08	10	3,197.39	10	3,559.71
1/4	306.09	1/4	668.53	1/4	1,030.81	1/4	1,392.92	1/4	1,755.37	1/4	2,117.81	1/4	2,480.26	1/4	2,842.63	1/4	3,204.94	1/4	3,567.25
1/2	313.64	1/2	676.08	1/2	1,038.35	1/2	1,400.47	1/2	1,762.92	1/2	2,125.36	1/2	2,487.81	1/2	2,850.17	1/2	3,212.49	1/2	3,574.80
3/4	321.20	3/4	683.63	3/4	1,045.89	3/4	1,408.02	3/4	1,770.47	3/4	2,132.92	3/4	2,495.36	3/4	2,857.72	3/4	3,220.04	3/4	3,582.35
11	328.75	11	691.18	11	1,053.42	11	1,415.57	11	1,778.02	11	2,140.47	11	2,502.91	11	2,865.27	11	3,227.58	11	3,589.90
1/4	336.30	1/4	698.73	1/4	1,060.96	1/4	1,423.12	1/4	1,785.57	1/4	2,148.02	1/4	2,510.47	1/4	2,872.82	1/4	3,235.13	1/4	3,597.45
1/2	343.85	1/2	706.28	1/2	1,068.50	1/2	1,430.67	1/2	1,793.12	1/2	2,155.57	1/2	2,518.02	1/2	2,880.37	1/2	3,242.68	1/2	3,604.99
3/4	351.40	3/4	713.83	3/4	1,076.04	3/4	1,438.22	3/4	1,800.67	3/4	2,163.12	3/4	2,525.57	3/4	2,887.92	3/4	3,250.23	3/4	3,612.54

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 4" DIAMETER STANDPIPE.
 GAUGE POINT: (4" PIPE) LOCATED 10'-06" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "CTC 30113"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 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	3,620.09	0	3,982.40	0	4,344.72	0	4,707.03	0	5,067.86	0		0		0		0		0	
1/4	3,627.64	1/4	3,989.95	1/4	4,352.27	1/4	4,714.58	1/4	5,075.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.19	1/2	3,997.50	1/2	4,359.81	1/2	4,722.13	1/2	5,082.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.74	3/4	4,005.05	3/4	4,367.36	3/4	4,729.68	3/4	5,090.21	3/4		3/4		3/4		3/4		3/4	
1	3,650.28	1	4,012.60	1	4,374.91	1	4,737.22	1	5,097.66	1		1		1		1		1	
1/4	3,657.83	1/4	4,020.15	1/4	4,382.46	1/4	4,744.75	1/4	5,105.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.38	1/2	4,027.69	1/2	4,390.01	1/2	4,752.27	1/2	5,112.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.93	3/4	4,035.24	3/4	4,397.56	3/4	4,759.79	3/4	5,120.01	3/4		3/4		3/4		3/4		3/4	
2	3,680.48	2	4,042.79	2	4,405.10	2	4,767.32	2	5,127.46	2		2		2		2		2	
1/4	3,688.02	1/4	4,050.34	1/4	4,412.65	1/4	4,774.83	1/4	5,134.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,695.57	1/2	4,057.89	1/2	4,420.20	1/2	4,782.35	1/2	5,142.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,703.12	3/4	4,065.43	3/4	4,427.75	3/4	4,789.87	3/4	5,149.81	3/4		3/4		3/4		3/4		3/4	
3	3,710.67	3	4,072.98	3	4,435.30	3	4,797.39	3	5,157.26	3		3		3		3		3	
1/4	3,718.22	1/4	4,080.53	1/4	4,442.84	1/4	4,804.91	1/4	5,164.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,725.77	1/2	4,088.08	1/2	4,450.39	1/2	4,812.43	1/2	5,172.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,733.31	3/4	4,095.63	3/4	4,457.94	3/4	4,819.95	3/4	5,179.61	3/4		3/4		3/4		3/4		3/4	
4	3,740.86	4	4,103.18	4	4,465.49	4	4,827.47	4	5,187.06	4		4		4		4		4	
1/4	3,748.41	1/4	4,110.72	1/4	4,473.04	1/4	4,834.99	1/4	5,194.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,755.96	1/2	4,118.27	1/2	4,480.59	1/2	4,842.51	1/2	5,201.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,763.51	3/4	4,125.82	3/4	4,488.13	3/4	4,850.03	3/4	5,209.41	3/4		3/4		3/4		3/4		3/4	
5	3,771.05	5	4,133.37	5	4,495.68	5	4,857.55	5	5,216.86	5		5		5		5		5	
1/4	3,778.60	1/4	4,140.92	1/4	4,503.23	1/4	4,865.06	1/4	5,223.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,786.15	1/2	4,148.46	1/2	4,510.78	1/2	4,872.58	1/2	5,230.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,793.70	3/4	4,156.01	3/4	4,518.33	3/4	4,880.10	3/4	5,237.55	3/4		3/4		3/4		3/4		3/4	
6	3,801.25	6	4,163.56	6	4,525.87	6	4,887.62	6	5,244.45	6		6		6		6		6	
1/4	3,808.80	1/4	4,171.11	1/4	4,533.42	1/4	4,895.14	1/4	5,250.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,816.34	1/2	4,178.66	1/2	4,540.97	1/2	4,902.66	1/2	5,255.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,823.89	3/4	4,186.21	3/4	4,548.52	3/4	4,910.18	3/4	5,261.61	3/4		3/4		3/4		3/4		3/4	
7	3,831.44	7	4,193.75	7	4,556.07	7	4,917.70	7	5,267.33	7		7		7		7		7	
1/4	3,838.99	1/4	4,201.30	1/4	4,563.62	1/4	4,925.22	1/4	5,271.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,846.54	1/2	4,208.85	1/2	4,571.16	1/2	4,932.74	1/2	5,276.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,854.08	3/4	4,216.40	3/4	4,578.71	3/4	4,940.26	3/4	5,280.78	3/4		3/4		3/4		3/4		3/4	
8	3,861.63	8	4,223.95	8	4,586.26	8	4,947.77	8	5,285.27	8		8		8		8		8	
1/4	3,869.18	1/4	4,231.49	1/4	4,593.81	1/4	4,955.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,876.73	1/2	4,239.04	1/2	4,601.36	1/2	4,962.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,884.28	3/4	4,246.59	3/4	4,608.90	3/4	4,970.33	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,891.83	9	4,254.14	9	4,616.45	9	4,977.85	9		9		9		9		9		9	
1/4	3,899.37	1/4	4,261.69	1/4	4,624.00	1/4	4,985.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,906.92	1/2	4,269.24	1/2	4,631.55	1/2	4,992.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,914.47	3/4	4,276.78	3/4	4,639.10	3/4	5,000.41	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,922.02	10	4,284.33	10	4,646.65	10	5,007.94	10		10		10		10		10		10	
1/4	3,929.57	1/4	4,291.88	1/4	4,654.19	1/4	5,015.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,937.12	1/2	4,299.43	1/2	4,661.74	1/2	5,022.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,944.66	3/4	4,306.98	3/4	4,669.29	3/4	5,030.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,952.21	11	4,314.53	11	4,676.84	11	5,038.02	11		11		11		11		11		11	
1/4	3,959.76	1/4	4,322.07	1/4	4,684.39	1/4	5,045.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,967.31	1/2	4,329.62	1/2	4,691.94	1/2	5,052.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,974.86	3/4	4,337.17	3/4	4,699.48	3/4	5,060.40	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/06/2012 CL - SW
CALCULATED: 11/08/2012 CL
NAME CHANGE : 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CTC 30113"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	21.38	0	358.95	0	721.38	0	1,082.65	0	1,443.88	0	1,806.33	0	2,168.78	0	2,531.22	0	2,893.57	0	3,255.88
1/4	25.62	1/4	366.50	1/4	728.93	1/4	1,090.15	1/4	1,451.43	1/4	1,813.88	1/4	2,176.33	1/4	2,538.78	1/4	2,901.12	1/4	3,263.43
1/2	29.87	1/2	374.05	1/2	736.48	1/2	1,097.65	1/2	1,458.98	1/2	1,821.43	1/2	2,183.88	1/2	2,546.33	1/2	2,908.67	1/2	3,270.98
3/4	34.12	3/4	381.60	3/4	744.03	3/4	1,105.15	3/4	1,466.53	3/4	1,828.98	3/4	2,191.43	3/4	2,553.88	3/4	2,916.21	3/4	3,278.53
1	38.36	1	389.15	1	751.59	1	1,112.65	1	1,474.08	1	1,836.53	1	2,198.98	1	2,561.43	1	2,923.76	1	3,286.08
1/4	43.87	1/4	396.70	1/4	759.14	1/4	1,120.15	1/4	1,481.64	1/4	1,844.08	1/4	2,206.53	1/4	2,568.98	1/4	2,931.31	1/4	3,293.62
1/2	49.37	1/2	404.25	1/2	766.69	1/2	1,127.65	1/2	1,489.19	1/2	1,851.63	1/2	2,214.08	1/2	2,576.53	1/2	2,938.86	1/2	3,301.17
3/4	54.88	3/4	411.80	3/4	774.24	3/4	1,135.15	3/4	1,496.74	3/4	1,859.19	3/4	2,221.63	3/4	2,584.08	3/4	2,946.41	3/4	3,308.72
2	60.38	2	419.35	2	781.79	2	1,142.65	2	1,504.29	2	1,866.74	2	2,229.18	2	2,591.63	2	2,953.95	2	3,316.27
1/4	67.15	1/4	426.90	1/4	789.34	1/4	1,150.14	1/4	1,511.84	1/4	1,874.29	1/4	2,236.74	1/4	2,599.18	1/4	2,961.50	1/4	3,323.82
1/2	73.91	1/2	434.46	1/2	796.89	1/2	1,157.64	1/2	1,519.39	1/2	1,881.84	1/2	2,244.29	1/2	2,606.73	1/2	2,969.05	1/2	3,331.36
3/4	80.67	3/4	442.01	3/4	804.44	3/4	1,165.14	3/4	1,526.94	3/4	1,889.39	3/4	2,251.84	3/4	2,614.29	3/4	2,976.60	3/4	3,338.91
3	87.44	3	449.56	3	811.99	3	1,172.64	3	1,534.49	3	1,896.94	3	2,259.39	3	2,621.84	3	2,984.15	3	3,346.46
1/4	94.91	1/4	457.11	1/4	819.54	1/4	1,180.14	1/4	1,542.04	1/4	1,904.49	1/4	2,266.94	1/4	2,629.38	1/4	2,991.70	1/4	3,354.01
1/2	102.38	1/2	464.66	1/2	827.09	1/2	1,187.64	1/2	1,549.59	1/2	1,912.04	1/2	2,274.49	1/2	2,636.93	1/2	2,999.24	1/2	3,361.56
3/4	109.85	3/4	472.21	3/4	834.64	3/4	1,195.14	3/4	1,557.15	3/4	1,919.59	3/4	2,282.04	3/4	2,644.48	3/4	3,006.79	3/4	3,369.11
4	117.33	4	479.76	4	842.19	4	1,202.64	4	1,564.70	4	1,927.14	4	2,289.59	4	2,652.03	4	3,014.34	4	3,376.65
1/4	124.88	1/4	487.31	1/4	849.74	1/4	1,210.14	1/4	1,572.25	1/4	1,934.70	1/4	2,297.14	1/4	2,659.57	1/4	3,021.89	1/4	3,384.20
1/2	132.43	1/2	494.86	1/2	857.29	1/2	1,217.64	1/2	1,579.80	1/2	1,942.25	1/2	2,304.69	1/2	2,667.12	1/2	3,029.44	1/2	3,391.75
3/4	139.98	3/4	502.41	3/4	864.85	3/4	1,225.14	3/4	1,587.35	3/4	1,949.80	3/4	2,312.25	3/4	2,674.67	3/4	3,036.98	3/4	3,399.30
5	147.53	5	509.96	5	872.40	5	1,232.64	5	1,594.90	5	1,957.35	5	2,319.80	5	2,682.22	5	3,044.53	5	3,406.85
1/4	155.08	1/4	517.51	1/4	879.95	1/4	1,240.15	1/4	1,602.45	1/4	1,964.90	1/4	2,327.35	1/4	2,689.77	1/4	3,052.08	1/4	3,414.39
1/2	162.63	1/2	525.06	1/2	887.50	1/2	1,247.66	1/2	1,610.00	1/2	1,972.45	1/2	2,334.90	1/2	2,697.32	1/2	3,059.63	1/2	3,421.94
3/4	170.18	3/4	532.61	3/4	895.05	3/4	1,255.17	3/4	1,617.55	3/4	1,980.00	3/4	2,342.45	3/4	2,704.86	3/4	3,067.18	3/4	3,429.49
6	177.73	6	540.17	6	902.60	6	1,262.68	6	1,625.10	6	1,987.55	6	2,350.00	6	2,712.41	6	3,074.73	6	3,437.04
1/4	185.28	1/4	547.72	1/4	910.11	1/4	1,270.22	1/4	1,632.66	1/4	1,995.10	1/4	2,357.55	1/4	2,719.96	1/4	3,082.27	1/4	3,444.59
1/2	192.83	1/2	555.27	1/2	917.63	1/2	1,277.77	1/2	1,640.21	1/2	2,002.65	1/2	2,365.10	1/2	2,727.51	1/2	3,089.82	1/2	3,452.14
3/4	200.38	3/4	562.82	3/4	925.15	3/4	1,285.31	3/4	1,647.76	3/4	2,010.21	3/4	2,372.65	3/4	2,735.06	3/4	3,097.37	3/4	3,459.68
7	207.93	7	570.37	7	932.66	7	1,292.86	7	1,655.31	7	2,017.76	7	2,380.20	7	2,742.60	7	3,104.92	7	3,467.23
1/4	215.49	1/4	577.92	1/4	940.16	1/4	1,300.41	1/4	1,662.86	1/4	2,025.31	1/4	2,387.76	1/4	2,750.15	1/4	3,112.47	1/4	3,474.78
1/2	223.04	1/2	585.47	1/2	947.66	1/2	1,307.96	1/2	1,670.41	1/2	2,032.86	1/2	2,395.31	1/2	2,757.70	1/2	3,120.02	1/2	3,482.33
3/4	230.59	3/4	593.02	3/4	955.16	3/4	1,315.51	3/4	1,677.96	3/4	2,040.41	3/4	2,402.86	3/4	2,765.25	3/4	3,127.56	3/4	3,489.88
8	238.14	8	600.57	8	962.66	8	1,323.06	8	1,685.51	8	2,047.96	8	2,410.41	8	2,772.80	8	3,135.11	8	3,497.43
1/4	245.69	1/4	608.12	1/4	970.16	1/4	1,330.62	1/4	1,693.06	1/4	2,055.51	1/4	2,417.96	1/4	2,780.35	1/4	3,142.66	1/4	3,504.97
1/2	253.24	1/2	615.67	1/2	977.66	1/2	1,338.17	1/2	1,700.61	1/2	2,063.06	1/2	2,425.51	1/2	2,787.89	1/2	3,150.21	1/2	3,512.52
3/4	260.79	3/4	623.22	3/4	985.16	3/4	1,345.72	3/4	1,708.17	3/4	2,070.61	3/4	2,433.06	3/4	2,795.44	3/4	3,157.76	3/4	3,520.07
9	268.34	9	630.77	9	992.66	9	1,353.27	9	1,715.72	9	2,078.16	9	2,440.61	9	2,802.99	9	3,165.30	9	3,527.62
1/4	275.89	1/4	638.32	1/4	1,000.16	1/4	1,360.82	1/4	1,723.27	1/4	2,085.72	1/4	2,448.16	1/4	2,810.54	1/4	3,172.85	1/4	3,535.17
1/2	283.44	1/2	645.88	1/2	1,007.66	1/2	1,368.37	1/2	1,730.82	1/2	2,093.27	1/2	2,455.71	1/2	2,818.09	1/2	3,180.40	1/2	3,542.71
3/4	290.99	3/4	653.43	3/4	1,015.16	3/4	1,375.92	3/4	1,738.37	3/4	2,100.82	3/4	2,463.27	3/4	2,825.64	3/4	3,187.95	3/4	3,550.26
10	298.54	10	660.98	10	1,022.66	10	1,383.47	10	1,745.92	10	2,108.37	10	2,470.82	10	2,833.18	10	3,195.50	10	3,557.81
1/4	306.09	1/4	668.53	1/4	1,030.16	1/4	1,391.02	1/4	1,753.47	1/4	2,115.92	1/4	2,478.37	1/4	2,840.73	1/4	3,203.05	1/4	3,565.36
1/2	313.64	1/2	676.08	1/2	1,037.66	1/2	1,398.57	1/2	1,761.02	1/2	2,123.47	1/2	2,485.92	1/2	2,848.28	1/2	3,210.59	1/2	3,572.91
3/4	321.20	3/4	683.63	3/4	1,045.16	3/4	1,406.13	3/4	1,768.57	3/4	2,131.02	3/4	2,493.47	3/4	2,855.83	3/4	3,218.14	3/4	3,580.46
11	328.75	11	691.18	11	1,052.65	11	1,413.68	11	1,776.12	11	2,138.57	11	2,501.02	11	2,863.38	11	3,225.69	11	3,588.00
1/4	336.30	1/4	698.73	1/4	1,060.15	1/4	1,421.23	1/4	1,783.68	1/4	2,146.12	1/4	2,508.57	1/4	2,870.92	1/4	3,233.24	1/4	3,595.55
1/2	343.85	1/2	706.28	1/2	1,067.65	1/2	1,428.78	1/2	1,791.23	1/2	2,153.67	1/2	2,516.12	1/2	2,878.47	1/2	3,240.79	1/2	3,603.10
3/4	351.40	3/4	713.83	3/4	1,075.15	3/4	1,436.33	3/4	1,798.78	3/4	2,161.23	3/4	2,523.67	3/4	2,886.02	3/4	3,248.33	3/4	3,610.65

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 INNAGE GAUGES TAKEN TO TOP OF 4" DIAMETER STANDPIPE.
 GAUGE POINT: (4" PIPE) LOCATED 10'-06" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CTC 30113"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,618.20	0	3,980.51	0	4,342.82	0	4,705.14	0	5,065.96	0		0		0		0		0	
1/4	3,625.74	1/4	3,988.06	1/4	4,350.37	1/4	4,712.69	1/4	5,073.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,633.29	1/2	3,995.61	1/2	4,357.92	1/2	4,720.23	1/2	5,080.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,640.84	3/4	4,003.15	3/4	4,365.47	3/4	4,727.78	3/4	5,088.31	3/4		3/4		3/4		3/4		3/4	
1	3,648.39	1	4,010.70	1	4,373.02	1	4,735.33	1	5,095.76	1		1		1		1		1	
1/4	3,655.94	1/4	4,018.25	1/4	4,380.56	1/4	4,742.85	1/4	5,103.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,663.49	1/2	4,025.80	1/2	4,388.11	1/2	4,750.38	1/2	5,110.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.03	3/4	4,033.35	3/4	4,395.66	3/4	4,757.90	3/4	5,118.11	3/4		3/4		3/4		3/4		3/4	
2	3,678.58	2	4,040.90	2	4,403.21	2	4,765.42	2	5,125.56	2		2		2		2		2	
1/4	3,686.13	1/4	4,048.44	1/4	4,410.76	1/4	4,772.94	1/4	5,133.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.68	1/2	4,055.99	1/2	4,418.31	1/2	4,780.46	1/2	5,140.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,701.23	3/4	4,063.54	3/4	4,425.85	3/4	4,787.98	3/4	5,147.91	3/4		3/4		3/4		3/4		3/4	
3	3,708.77	3	4,071.09	3	4,433.40	3	4,795.50	3	5,155.36	3		3		3		3		3	
1/4	3,716.32	1/4	4,078.64	1/4	4,440.95	1/4	4,803.02	1/4	5,162.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,723.87	1/2	4,086.18	1/2	4,448.50	1/2	4,810.54	1/2	5,170.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,731.42	3/4	4,093.73	3/4	4,456.05	3/4	4,818.06	3/4	5,177.71	3/4		3/4		3/4		3/4		3/4	
4	3,738.97	4	4,101.28	4	4,463.59	4	4,825.57	4	5,185.16	4		4		4		4		4	
1/4	3,746.52	1/4	4,108.83	1/4	4,471.14	1/4	4,833.09	1/4	5,192.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,754.06	1/2	4,116.38	1/2	4,478.69	1/2	4,840.61	1/2	5,200.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,761.61	3/4	4,123.93	3/4	4,486.24	3/4	4,848.13	3/4	5,207.51	3/4		3/4		3/4		3/4		3/4	
5	3,769.16	5	4,131.47	5	4,493.79	5	4,855.65	5	5,214.96	5		5		5		5		5	
1/4	3,776.71	1/4	4,139.02	1/4	4,501.34	1/4	4,863.17	1/4	5,221.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,784.26	1/2	4,146.57	1/2	4,508.88	1/2	4,870.69	1/2	5,228.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,791.80	3/4	4,154.12	3/4	4,516.43	3/4	4,878.21	3/4	5,235.66	3/4		3/4		3/4		3/4		3/4	
6	3,799.35	6	4,161.67	6	4,523.98	6	4,885.73	6	5,242.56	6		6		6		6		6	
1/4	3,806.90	1/4	4,169.21	1/4	4,531.53	1/4	4,893.25	1/4	5,248.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,814.45	1/2	4,176.76	1/2	4,539.08	1/2	4,900.77	1/2	5,253.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,822.00	3/4	4,184.31	3/4	4,546.62	3/4	4,908.28	3/4	5,259.71	3/4		3/4		3/4		3/4		3/4	
7	3,829.55	7	4,191.86	7	4,554.17	7	4,915.80	7	5,265.43	7		7		7		7		7	
1/4	3,837.09	1/4	4,199.41	1/4	4,561.72	1/4	4,923.32	1/4	5,269.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,844.64	1/2	4,206.96	1/2	4,569.27	1/2	4,930.84	1/2	5,274.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,852.19	3/4	4,214.50	3/4	4,576.82	3/4	4,938.36	3/4	5,278.89	3/4		3/4		3/4		3/4		3/4	
8	3,859.74	8	4,222.05	8	4,584.37	8	4,945.88	8	5,283.37	8		8		8		8		8	
1/4	3,867.29	1/4	4,229.60	1/4	4,591.91	1/4	4,953.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,874.84	1/2	4,237.15	1/2	4,599.46	1/2	4,960.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,882.38	3/4	4,244.70	3/4	4,607.01	3/4	4,968.44	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,889.93	9	4,252.25	9	4,614.56	9	4,975.96	9		9		9		9		9		9	
1/4	3,897.48	1/4	4,259.79	1/4	4,622.11	1/4	4,983.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,905.03	1/2	4,267.34	1/2	4,629.66	1/2	4,991.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,912.58	3/4	4,274.89	3/4	4,637.20	3/4	4,998.52	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,920.12	10	4,282.44	10	4,644.75	10	5,006.04	10		10		10		10		10		10	
1/4	3,927.67	1/4	4,289.99	1/4	4,652.30	1/4	5,013.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,935.22	1/2	4,297.53	1/2	4,659.85	1/2	5,021.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.77	3/4	4,305.08	3/4	4,667.40	3/4	5,028.61	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,950.32	11	4,312.63	11	4,674.94	11	5,036.13	11		11		11		11		11		11	
1/4	3,957.87	1/4	4,320.18	1/4	4,682.49	1/4	5,043.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,965.41	1/2	4,327.73	1/2	4,690.04	1/2	5,051.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,972.96	3/4	4,335.28	3/4	4,697.59	3/4	5,058.50	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/06/2012 CL - SW
CALCULATED: 11/08/2012 CL
NAME CHANGE : 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTC 30113"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 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	21.32	0	357.92	0	719.31	0	1,080.46	0	1,441.61	0	1,803.02	0	2,164.43	0	2,525.83	0	2,887.13	0	3,248.40
1/4	25.55	1/4	365.45	1/4	726.84	1/4	1,087.98	1/4	1,449.14	1/4	1,810.55	1/4	2,171.96	1/4	2,533.36	1/4	2,894.66	1/4	3,255.93
1/2	29.79	1/2	372.98	1/2	734.37	1/2	1,095.50	1/2	1,456.67	1/2	1,818.08	1/2	2,179.49	1/2	2,540.89	1/2	2,902.19	1/2	3,263.46
3/4	34.02	3/4	380.50	3/4	741.90	3/4	1,103.01	3/4	1,464.20	3/4	1,825.61	3/4	2,187.02	3/4	2,548.42	3/4	2,909.71	3/4	3,270.98
1	38.25	1	388.03	1	749.43	1	1,110.53	1	1,471.73	1	1,833.14	1	2,194.54	1	2,555.95	1	2,917.24	1	3,278.51
1/4	43.74	1/4	395.56	1/4	756.95	1/4	1,118.05	1/4	1,479.26	1/4	1,840.67	1/4	2,202.07	1/4	2,563.48	1/4	2,924.76	1/4	3,286.04
1/2	49.23	1/2	403.09	1/2	764.48	1/2	1,125.56	1/2	1,486.79	1/2	1,848.20	1/2	2,209.60	1/2	2,571.01	1/2	2,932.29	1/2	3,293.56
3/4	54.72	3/4	410.62	3/4	772.01	3/4	1,133.08	3/4	1,494.32	3/4	1,855.73	3/4	2,217.13	3/4	2,578.54	3/4	2,939.82	3/4	3,301.09
2	60.21	2	418.15	2	779.54	2	1,140.60	2	1,501.85	2	1,863.26	2	2,224.66	2	2,586.07	2	2,947.34	2	3,308.62
1/4	66.95	1/4	425.68	1/4	787.07	1/4	1,148.12	1/4	1,509.38	1/4	1,870.78	1/4	2,232.19	1/4	2,593.60	1/4	2,954.87	1/4	3,316.14
1/2	73.70	1/2	433.21	1/2	794.60	1/2	1,155.63	1/2	1,516.91	1/2	1,878.31	1/2	2,239.72	1/2	2,601.13	1/2	2,962.40	1/2	3,323.67
3/4	80.44	3/4	440.74	3/4	802.13	3/4	1,163.15	3/4	1,524.44	3/4	1,885.84	3/4	2,247.25	3/4	2,608.66	3/4	2,969.92	3/4	3,331.20
3	87.19	3	448.27	3	809.66	3	1,170.67	3	1,531.97	3	1,893.37	3	2,254.78	3	2,616.19	3	2,977.45	3	3,338.72
1/4	94.64	1/4	455.79	1/4	817.19	1/4	1,178.18	1/4	1,539.50	1/4	1,900.90	1/4	2,262.31	1/4	2,623.71	1/4	2,984.98	1/4	3,346.25
1/2	102.09	1/2	463.32	1/2	824.72	1/2	1,185.70	1/2	1,547.03	1/2	1,908.43	1/2	2,269.84	1/2	2,631.23	1/2	2,992.50	1/2	3,353.78
3/4	109.54	3/4	470.85	3/4	832.24	3/4	1,193.22	3/4	1,554.55	3/4	1,915.96	3/4	2,277.37	3/4	2,638.76	3/4	3,000.03	3/4	3,361.30
4	116.99	4	478.38	4	839.77	4	1,200.73	4	1,562.08	4	1,923.49	4	2,284.90	4	2,646.28	4	3,007.56	4	3,368.83
1/4	124.52	1/4	485.91	1/4	847.30	1/4	1,208.25	1/4	1,569.61	1/4	1,931.02	1/4	2,292.43	1/4	2,653.81	1/4	3,015.08	1/4	3,376.35
1/2	132.05	1/2	493.44	1/2	854.83	1/2	1,215.77	1/2	1,577.14	1/2	1,938.55	1/2	2,299.96	1/2	2,661.34	1/2	3,022.61	1/2	3,383.88
3/4	139.58	3/4	500.97	3/4	862.36	3/4	1,223.29	3/4	1,584.67	3/4	1,946.08	3/4	2,307.48	3/4	2,668.86	3/4	3,030.14	3/4	3,391.41
5	147.11	5	508.50	5	869.89	5	1,230.80	5	1,592.20	5	1,953.61	5	2,315.01	5	2,676.39	5	3,037.66	5	3,398.93
1/4	154.63	1/4	516.03	1/4	877.42	1/4	1,238.33	1/4	1,599.73	1/4	1,961.14	1/4	2,322.54	1/4	2,683.92	1/4	3,045.19	1/4	3,406.46
1/2	162.16	1/2	523.56	1/2	884.95	1/2	1,245.86	1/2	1,607.26	1/2	1,968.67	1/2	2,330.07	1/2	2,691.44	1/2	3,052.72	1/2	3,413.99
3/4	169.69	3/4	531.08	3/4	892.48	3/4	1,253.38	3/4	1,614.79	3/4	1,976.20	3/4	2,337.60	3/4	2,698.97	3/4	3,060.24	3/4	3,421.51
6	177.22	6	538.61	6	900.01	6	1,260.91	6	1,622.32	6	1,983.72	6	2,345.13	6	2,706.50	6	3,067.77	6	3,429.04
1/4	184.75	1/4	546.14	1/4	907.53	1/4	1,268.44	1/4	1,629.85	1/4	1,991.25	1/4	2,352.66	1/4	2,714.02	1/4	3,075.29	1/4	3,436.57
1/2	192.28	1/2	553.67	1/2	915.06	1/2	1,275.97	1/2	1,637.38	1/2	1,998.78	1/2	2,360.19	1/2	2,721.55	1/2	3,082.82	1/2	3,444.09
3/4	199.81	3/4	561.20	3/4	922.59	3/4	1,283.50	3/4	1,644.91	3/4	2,006.31	3/4	2,367.72	3/4	2,729.08	3/4	3,090.35	3/4	3,451.62
7	207.34	7	568.73	7	930.12	7	1,291.03	7	1,652.44	7	2,013.84	7	2,375.25	7	2,736.60	7	3,097.87	7	3,459.15
1/4	214.87	1/4	576.26	1/4	937.64	1/4	1,298.56	1/4	1,659.96	1/4	2,021.37	1/4	2,382.78	1/4	2,744.13	1/4	3,105.40	1/4	3,466.67
1/2	222.40	1/2	583.79	1/2	945.16	1/2	1,306.09	1/2	1,667.49	1/2	2,028.90	1/2	2,390.31	1/2	2,751.66	1/2	3,112.93	1/2	3,474.20
3/4	229.92	3/4	591.32	3/4	952.67	3/4	1,313.62	3/4	1,675.02	3/4	2,036.43	3/4	2,397.84	3/4	2,759.18	3/4	3,120.45	3/4	3,481.73
8	237.45	8	598.85	8	960.19	8	1,321.15	8	1,682.55	8	2,043.96	8	2,405.37	8	2,766.71	8	3,127.98	8	3,489.25
1/4	244.98	1/4	606.37	1/4	967.71	1/4	1,328.68	1/4	1,690.08	1/4	2,051.49	1/4	2,412.89	1/4	2,774.23	1/4	3,135.51	1/4	3,496.78
1/2	252.51	1/2	613.90	1/2	975.22	1/2	1,336.20	1/2	1,697.61	1/2	2,059.02	1/2	2,420.42	1/2	2,781.76	1/2	3,143.03	1/2	3,504.31
3/4	260.04	3/4	621.43	3/4	982.74	3/4	1,343.73	3/4	1,705.14	3/4	2,066.55	3/4	2,427.95	3/4	2,789.29	3/4	3,150.56	3/4	3,511.83
9	267.57	9	628.96	9	990.26	9	1,351.26	9	1,712.67	9	2,074.08	9	2,435.48	9	2,796.81	9	3,158.09	9	3,519.36
1/4	275.10	1/4	636.49	1/4	997.78	1/4	1,358.79	1/4	1,720.20	1/4	2,081.61	1/4	2,443.01	1/4	2,804.34	1/4	3,165.61	1/4	3,526.88
1/2	282.63	1/2	644.02	1/2	1,005.29	1/2	1,366.32	1/2	1,727.73	1/2	2,089.13	1/2	2,450.54	1/2	2,811.87	1/2	3,173.14	1/2	3,534.41
3/4	290.16	3/4	651.55	3/4	1,012.81	3/4	1,373.85	3/4	1,735.26	3/4	2,096.66	3/4	2,458.07	3/4	2,819.39	3/4	3,180.67	3/4	3,541.94
10	297.69	10	659.08	10	1,020.33	10	1,381.38	10	1,742.79	10	2,104.19	10	2,465.60	10	2,826.92	10	3,188.19	10	3,549.46
1/4	305.21	1/4	666.61	1/4	1,027.84	1/4	1,388.91	1/4	1,750.32	1/4	2,111.72	1/4	2,473.13	1/4	2,834.45	1/4	3,195.72	1/4	3,556.99
1/2	312.74	1/2	674.14	1/2	1,035.36	1/2	1,396.44	1/2	1,757.85	1/2	2,119.25	1/2	2,480.66	1/2	2,841.97	1/2	3,203.25	1/2	3,564.52
3/4	320.27	3/4	681.66	3/4	1,042.88	3/4	1,403.97	3/4	1,765.37	3/4	2,126.78	3/4	2,488.19	3/4	2,849.50	3/4	3,210.77	3/4	3,572.04
11	327.80	11	689.19	11	1,050.39	11	1,411.50	11	1,772.90	11	2,134.31	11	2,495.72	11	2,857.03	11	3,218.30	11	3,579.57
1/4	335.33	1/4	696.72	1/4	1,057.91	1/4	1,419.03	1/4	1,780.43	1/4	2,141.84	1/4	2,503.25	1/4	2,864.55	1/4	3,225.82	1/4	3,587.10
1/2	342.86	1/2	704.25	1/2	1,065.43	1/2	1,426.56	1/2	1,787.96	1/2	2,149.37	1/2	2,510.78	1/2	2,872.08	1/2	3,233.35	1/2	3,594.62
3/4	350.39	3/4	711.78	3/4	1,072.95	3/4	1,434.09	3/4	1,795.49	3/4	2,156.90	3/4	2,518.30	3/4	2,879.61	3/4	3,240.88	3/4	3,602.15

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 4" DIAMETER STANDPIPE.
 GAUGE POINT: (4" PIPE) LOCATED 10'-06" OFF CENTERLINE AND 40'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CTC 30113"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 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	3,609.68	0	3,970.95	0	4,332.22	0	4,693.49	0	5,053.27	0		0		0		0		0	
1/4	3,617.20	1/4	3,978.47	1/4	4,339.75	1/4	4,701.02	1/4	5,060.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,624.73	1/2	3,986.00	1/2	4,347.27	1/2	4,708.55	1/2	5,068.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.26	3/4	3,993.53	3/4	4,354.80	3/4	4,716.07	3/4	5,075.55	3/4		3/4		3/4		3/4		3/4	
1	3,639.78	1	4,001.05	1	4,362.33	1	4,723.60	1	5,082.98	1		1		1		1		1	
1/4	3,647.31	1/4	4,008.58	1/4	4,369.85	1/4	4,731.10	1/4	5,090.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,654.84	1/2	4,016.11	1/2	4,377.38	1/2	4,738.60	1/2	5,097.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,662.36	3/4	4,023.63	3/4	4,384.91	3/4	4,746.10	3/4	5,105.26	3/4		3/4		3/4		3/4		3/4	
2	3,669.89	2	4,031.16	2	4,392.43	2	4,753.60	2	5,112.69	2		2		2		2		2	
1/4	3,677.41	1/4	4,038.69	1/4	4,399.96	1/4	4,761.09	1/4	5,120.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,684.94	1/2	4,046.21	1/2	4,407.49	1/2	4,768.59	1/2	5,127.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,692.47	3/4	4,053.74	3/4	4,415.01	3/4	4,776.09	3/4	5,134.98	3/4		3/4		3/4		3/4		3/4	
3	3,699.99	3	4,061.27	3	4,422.54	3	4,783.58	3	5,142.41	3		3		3		3		3	
1/4	3,707.52	1/4	4,068.79	1/4	4,430.06	1/4	4,791.08	1/4	5,149.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,715.05	1/2	4,076.32	1/2	4,437.59	1/2	4,798.58	1/2	5,157.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,722.57	3/4	4,083.85	3/4	4,445.12	3/4	4,806.08	3/4	5,164.69	3/4		3/4		3/4		3/4		3/4	
4	3,730.10	4	4,091.37	4	4,452.64	4	4,813.57	4	5,172.12	4		4		4		4		4	
1/4	3,737.63	1/4	4,098.90	1/4	4,460.17	1/4	4,821.07	1/4	5,179.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,745.15	1/2	4,106.43	1/2	4,467.70	1/2	4,828.57	1/2	5,186.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,752.68	3/4	4,113.95	3/4	4,475.22	3/4	4,836.07	3/4	5,194.40	3/4		3/4		3/4		3/4		3/4	
5	3,760.21	5	4,121.48	5	4,482.75	5	4,843.56	5	5,201.83	5		5		5		5		5	
1/4	3,767.73	1/4	4,129.00	1/4	4,490.28	1/4	4,851.06	1/4	5,208.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,775.26	1/2	4,136.53	1/2	4,497.80	1/2	4,858.56	1/2	5,215.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,782.79	3/4	4,144.06	3/4	4,505.33	3/4	4,866.06	3/4	5,222.47	3/4		3/4		3/4		3/4		3/4	
6	3,790.31	6	4,151.58	6	4,512.86	6	4,873.55	6	5,229.34	6		6		6		6		6	
1/4	3,797.84	1/4	4,159.11	1/4	4,520.38	1/4	4,881.05	1/4	5,235.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,805.37	1/2	4,166.64	1/2	4,527.91	1/2	4,888.55	1/2	5,240.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,812.89	3/4	4,174.16	3/4	4,535.44	3/4	4,896.05	3/4	5,246.45	3/4		3/4		3/4		3/4		3/4	
7	3,820.42	7	4,181.69	7	4,542.96	7	4,903.54	7	5,252.15	7		7		7		7		7	
1/4	3,827.94	1/4	4,189.22	1/4	4,550.49	1/4	4,911.04	1/4	5,256.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,835.47	1/2	4,196.74	1/2	4,558.02	1/2	4,918.54	1/2	5,261.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,843.00	3/4	4,204.27	3/4	4,565.54	3/4	4,926.04	3/4	5,265.57	3/4		3/4		3/4		3/4		3/4	
8	3,850.52	8	4,211.80	8	4,573.07	8	4,933.53	8	5,270.04	8		8		8		8		8	
1/4	3,858.05	1/4	4,219.32	1/4	4,580.59	1/4	4,941.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,865.58	1/2	4,226.85	1/2	4,588.12	1/2	4,948.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.10	3/4	4,234.38	3/4	4,595.65	3/4	4,956.03	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,880.63	9	4,241.90	9	4,603.17	9	4,963.52	9		9		9		9		9		9	
1/4	3,888.16	1/4	4,249.43	1/4	4,610.70	1/4	4,971.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,895.68	1/2	4,256.96	1/2	4,618.23	1/2	4,978.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,903.21	3/4	4,264.48	3/4	4,625.75	3/4	4,986.02	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,910.74	10	4,272.01	10	4,633.28	10	4,993.52	10		10		10		10		10		10	
1/4	3,918.26	1/4	4,279.53	1/4	4,640.81	1/4	5,001.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.79	1/2	4,287.06	1/2	4,648.33	1/2	5,008.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,933.32	3/4	4,294.59	3/4	4,655.86	3/4	5,016.02	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,940.84	11	4,302.11	11	4,663.39	11	5,023.52	11		11		11		11		11		11	
1/4	3,948.37	1/4	4,309.64	1/4	4,670.91	1/4	5,030.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,955.90	1/2	4,317.17	1/2	4,678.44	1/2	5,038.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,963.42	3/4	4,324.69	3/4	4,685.97	3/4	5,045.83	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2012 CL - SW
CALCULATED: 11/08/2012 CL
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 30113"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 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	21.33	0	358.09	0	719.65	0	1,073.20	0	1,426.40	0	1,787.98	0	2,149.55	0	2,511.12	0	2,872.62	0	3,234.06
1/4	25.56	1/4	365.62	1/4	727.19	1/4	1,080.39	1/4	1,433.93	1/4	1,795.51	1/4	2,157.08	1/4	2,518.66	1/4	2,880.15	1/4	3,241.59
1/2	29.80	1/2	373.15	1/2	734.72	1/2	1,087.57	1/2	1,441.47	1/2	1,803.04	1/2	2,164.62	1/2	2,526.19	1/2	2,887.68	1/2	3,249.12
3/4	34.04	3/4	380.69	3/4	742.25	3/4	1,094.76	3/4	1,449.00	3/4	1,810.57	3/4	2,172.15	3/4	2,533.72	3/4	2,895.21	3/4	3,256.65
1	38.27	1	388.22	1	749.78	1	1,101.95	1	1,456.53	1	1,818.11	1	2,179.68	1	2,541.26	1	2,902.74	1	3,264.18
1/4	43.76	1/4	395.75	1/4	757.32	1/4	1,109.14	1/4	1,464.07	1/4	1,825.64	1/4	2,187.21	1/4	2,548.79	1/4	2,910.27	1/4	3,271.71
1/2	49.26	1/2	403.28	1/2	764.85	1/2	1,116.33	1/2	1,471.60	1/2	1,833.17	1/2	2,194.75	1/2	2,556.32	1/2	2,917.80	1/2	3,279.24
3/4	54.75	3/4	410.82	3/4	772.38	3/4	1,123.52	3/4	1,479.13	3/4	1,840.71	3/4	2,202.28	3/4	2,563.85	3/4	2,925.33	3/4	3,286.77
2	60.24	2	418.35	2	779.91	2	1,130.71	2	1,486.66	2	1,848.24	2	2,209.81	2	2,571.39	2	2,932.86	2	3,294.30
1/4	66.99	1/4	425.88	1/4	787.45	1/4	1,137.90	1/4	1,494.20	1/4	1,855.77	1/4	2,217.35	1/4	2,578.92	1/4	2,940.39	1/4	3,301.83
1/2	73.73	1/2	433.41	1/2	794.98	1/2	1,145.09	1/2	1,501.73	1/2	1,863.30	1/2	2,224.88	1/2	2,586.45	1/2	2,947.92	1/2	3,309.36
3/4	80.48	3/4	440.95	3/4	802.51	3/4	1,152.28	3/4	1,509.26	3/4	1,870.84	3/4	2,232.41	3/4	2,593.99	3/4	2,955.45	3/4	3,316.89
3	87.23	3	448.48	3	810.04	3	1,159.47	3	1,516.79	3	1,878.37	3	2,239.94	3	2,601.52	3	2,962.98	3	3,324.42
1/4	94.68	1/4	456.01	1/4	817.58	1/4	1,166.66	1/4	1,524.33	1/4	1,885.90	1/4	2,247.48	1/4	2,609.05	1/4	2,970.51	1/4	3,331.95
1/2	102.14	1/2	463.55	1/2	825.11	1/2	1,173.85	1/2	1,531.86	1/2	1,893.43	1/2	2,255.01	1/2	2,616.59	1/2	2,978.04	1/2	3,339.48
3/4	109.59	3/4	471.08	3/4	832.64	3/4	1,181.04	3/4	1,539.39	3/4	1,900.97	3/4	2,262.54	3/4	2,624.12	3/4	2,985.57	3/4	3,347.01
4	117.05	4	478.61	4	840.18	4	1,188.22	4	1,546.93	4	1,908.50	4	2,270.07	4	2,631.65	4	2,993.10	4	3,354.54
1/4	124.58	1/4	486.14	1/4	847.71	1/4	1,195.41	1/4	1,554.46	1/4	1,916.03	1/4	2,277.61	1/4	2,639.18	1/4	3,000.63	1/4	3,362.07
1/2	132.11	1/2	493.68	1/2	855.24	1/2	1,202.60	1/2	1,561.99	1/2	1,923.57	1/2	2,285.14	1/2	2,646.71	1/2	3,008.16	1/2	3,369.60
3/4	139.64	3/4	501.21	3/4	862.77	3/4	1,209.79	3/4	1,569.52	3/4	1,931.10	3/4	2,292.67	3/4	2,654.24	3/4	3,015.69	3/4	3,377.13
5	147.18	5	508.74	5	870.31	5	1,216.98	5	1,577.06	5	1,938.63	5	2,300.21	5	2,661.77	5	3,023.22	5	3,384.66
1/4	154.71	1/4	516.27	1/4	877.84	1/4	1,224.18	1/4	1,584.59	1/4	1,946.16	1/4	2,307.74	1/4	2,669.30	1/4	3,030.75	1/4	3,392.19
1/2	162.24	1/2	523.81	1/2	885.37	1/2	1,231.38	1/2	1,592.12	1/2	1,953.70	1/2	2,315.27	1/2	2,676.83	1/2	3,038.28	1/2	3,399.72
3/4	169.77	3/4	531.34	3/4	892.90	3/4	1,238.58	3/4	1,599.66	3/4	1,961.23	3/4	2,322.80	3/4	2,684.36	3/4	3,045.81	3/4	3,407.25
6	177.31	6	538.87	6	900.44	6	1,245.78	6	1,607.19	6	1,968.76	6	2,330.34	6	2,691.89	6	3,053.34	6	3,414.78
1/4	184.84	1/4	546.40	1/4	907.68	1/4	1,253.27	1/4	1,614.72	1/4	1,976.30	1/4	2,337.87	1/4	2,699.42	1/4	3,060.87	1/4	3,422.31
1/2	192.37	1/2	553.94	1/2	914.92	1/2	1,260.76	1/2	1,622.25	1/2	1,983.83	1/2	2,345.40	1/2	2,706.95	1/2	3,068.40	1/2	3,429.84
3/4	199.90	3/4	561.47	3/4	922.16	3/4	1,268.25	3/4	1,629.79	3/4	1,991.36	3/4	2,352.94	3/4	2,714.48	3/4	3,075.93	3/4	3,437.37
7	207.44	7	569.00	7	929.40	7	1,275.75	7	1,637.32	7	1,998.89	7	2,360.47	7	2,722.01	7	3,083.46	7	3,444.90
1/4	214.97	1/4	576.53	1/4	936.59	1/4	1,283.28	1/4	1,644.85	1/4	2,006.43	1/4	2,368.00	1/4	2,729.54	1/4	3,090.99	1/4	3,452.43
1/2	222.50	1/2	584.07	1/2	943.79	1/2	1,290.81	1/2	1,652.39	1/2	2,013.96	1/2	2,375.53	1/2	2,737.07	1/2	3,098.52	1/2	3,459.96
3/4	230.03	3/4	591.60	3/4	950.98	3/4	1,298.34	3/4	1,659.92	3/4	2,021.49	3/4	2,383.07	3/4	2,744.60	3/4	3,106.05	3/4	3,467.49
8	237.57	8	599.13	8	958.17	8	1,305.88	8	1,667.45	8	2,029.03	8	2,390.60	8	2,752.13	8	3,113.58	8	3,475.02
1/4	245.10	1/4	606.66	1/4	965.36	1/4	1,313.41	1/4	1,674.98	1/4	2,036.56	1/4	2,398.13	1/4	2,759.66	1/4	3,121.11	1/4	3,482.55
1/2	252.63	1/2	614.20	1/2	972.55	1/2	1,320.94	1/2	1,682.52	1/2	2,044.09	1/2	2,405.67	1/2	2,767.19	1/2	3,128.64	1/2	3,490.08
3/4	260.17	3/4	621.73	3/4	979.74	3/4	1,328.47	3/4	1,690.05	3/4	2,051.62	3/4	2,413.20	3/4	2,774.72	3/4	3,136.17	3/4	3,497.61
9	267.70	9	629.26	9	986.92	9	1,336.01	9	1,697.58	9	2,059.16	9	2,420.73	9	2,782.25	9	3,143.70	9	3,505.14
1/4	275.23	1/4	636.80	1/4	994.11	1/4	1,343.54	1/4	1,705.11	1/4	2,066.69	1/4	2,428.26	1/4	2,789.78	1/4	3,151.23	1/4	3,512.67
1/2	282.76	1/2	644.33	1/2	1,001.30	1/2	1,351.07	1/2	1,712.65	1/2	2,074.22	1/2	2,435.80	1/2	2,797.31	1/2	3,158.76	1/2	3,520.20
3/4	290.30	3/4	651.86	3/4	1,008.49	3/4	1,358.61	3/4	1,720.18	3/4	2,081.75	3/4	2,443.33	3/4	2,804.84	3/4	3,166.29	3/4	3,527.73
10	297.83	10	659.39	10	1,015.68	10	1,366.14	10	1,727.71	10	2,089.29	10	2,450.86	10	2,812.37	10	3,173.82	10	3,535.26
1/4	305.36	1/4	666.93	1/4	1,022.87	1/4	1,373.67	1/4	1,735.25	1/4	2,096.82	1/4	2,458.39	1/4	2,819.90	1/4	3,181.35	1/4	3,542.79
1/2	312.89	1/2	674.46	1/2	1,030.06	1/2	1,381.20	1/2	1,742.78	1/2	2,104.35	1/2	2,465.93	1/2	2,827.43	1/2	3,188.88	1/2	3,550.32
3/4	320.43	3/4	681.99	3/4	1,037.25	3/4	1,388.74	3/4	1,750.31	3/4	2,111.89	3/4	2,473.46	3/4	2,834.97	3/4	3,196.41	3/4	3,557.85
11	327.96	11	689.52	11	1,044.44	11	1,396.27	11	1,757.84	11	2,119.42	11	2,480.99	11	2,842.50	11	3,203.94	11	3,565.38
1/4	335.49	1/4	697.06	1/4	1,051.63	1/4	1,403.80	1/4	1,765.38	1/4	2,126.95	1/4	2,488.53	1/4	2,850.03	1/4	3,211.47	1/4	3,572.91
1/2	343.02	1/2	704.59	1/2	1,058.82	1/2	1,411.34	1/2	1,772.91	1/2	2,134.48	1/2	2,496.06	1/2	2,857.56	1/2	3,219.00	1/2	3,580.44
3/4	350.56	3/4	712.12	3/4	1,066.01	3/4	1,418.87	3/4	1,780.44	3/4	2,142.02	3/4	2,503.59	3/4	2,865.09	3/4	3,226.53	3/4	3,587.98

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 4" DIAMETER STANDPIPE.
 GAUGE POINT: (4" PIPE) LOCATED 10'-06" OFF CENTERLINE AND 40'-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 "CTC 30113"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 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	3,595.51	0	3,956.95	0	4,318.39	0	4,679.84	0	5,039.79	0		0		0		0		0	
1/4	3,603.04	1/4	3,964.48	1/4	4,325.92	1/4	4,687.37	1/4	5,047.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,610.57	1/2	3,972.01	1/2	4,333.45	1/2	4,694.90	1/2	5,054.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,618.10	3/4	3,979.54	3/4	4,340.99	3/4	4,702.43	3/4	5,062.09	3/4		3/4		3/4		3/4		3/4	
1	3,625.63	1	3,987.07	1	4,348.52	1	4,709.96	1	5,069.52	1		1		1		1		1	
1/4	3,633.16	1/4	3,994.60	1/4	4,356.05	1/4	4,717.46	1/4	5,076.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,640.69	1/2	4,002.13	1/2	4,363.58	1/2	4,724.97	1/2	5,084.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.22	3/4	4,009.66	3/4	4,371.11	3/4	4,732.47	3/4	5,091.82	3/4		3/4		3/4		3/4		3/4	
2	3,655.75	2	4,017.19	2	4,378.64	2	4,739.98	2	5,099.25	2		2		2		2		2	
1/4	3,663.28	1/4	4,024.72	1/4	4,386.17	1/4	4,747.48	1/4	5,106.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.81	1/2	4,032.25	1/2	4,393.70	1/2	4,754.98	1/2	5,114.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,678.34	3/4	4,039.78	3/4	4,401.23	3/4	4,762.48	3/4	5,121.54	3/4		3/4		3/4		3/4		3/4	
3	3,685.87	3	4,047.31	3	4,408.76	3	4,769.98	3	5,128.98	3		3		3		3		3	
1/4	3,693.40	1/4	4,054.84	1/4	4,416.29	1/4	4,777.48	1/4	5,136.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,700.93	1/2	4,062.37	1/2	4,423.82	1/2	4,784.98	1/2	5,143.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,708.46	3/4	4,069.90	3/4	4,431.35	3/4	4,792.48	3/4	5,151.27	3/4		3/4		3/4		3/4		3/4	
4	3,715.99	4	4,077.43	4	4,438.88	4	4,799.99	4	5,158.70	4		4		4		4		4	
1/4	3,723.52	1/4	4,084.96	1/4	4,446.41	1/4	4,807.49	1/4	5,166.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,731.05	1/2	4,092.49	1/2	4,453.94	1/2	4,814.99	1/2	5,173.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,738.58	3/4	4,100.02	3/4	4,461.47	3/4	4,822.49	3/4	5,181.00	3/4		3/4		3/4		3/4		3/4	
5	3,746.11	5	4,107.55	5	4,469.00	5	4,829.99	5	5,188.43	5		5		5		5		5	
1/4	3,753.64	1/4	4,115.08	1/4	4,476.53	1/4	4,837.49	1/4	5,195.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,761.17	1/2	4,122.61	1/2	4,484.06	1/2	4,844.99	1/2	5,202.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,768.70	3/4	4,130.14	3/4	4,491.59	3/4	4,852.49	3/4	5,209.07	3/4		3/4		3/4		3/4		3/4	
6	3,776.23	6	4,137.67	6	4,499.12	6	4,859.99	6	5,215.96	6		6		6		6		6	
1/4	3,783.76	1/4	4,145.20	1/4	4,506.65	1/4	4,867.49	1/4	5,221.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,791.29	1/2	4,152.73	1/2	4,514.18	1/2	4,875.00	1/2	5,227.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,798.82	3/4	4,160.26	3/4	4,521.71	3/4	4,882.50	3/4	5,233.07	3/4		3/4		3/4		3/4		3/4	
7	3,806.35	7	4,167.79	7	4,529.24	7	4,890.00	7	5,238.77	7		7		7		7		7	
1/4	3,813.88	1/4	4,175.32	1/4	4,536.77	1/4	4,897.50	1/4	5,243.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,821.41	1/2	4,182.85	1/2	4,544.30	1/2	4,905.00	1/2	5,247.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,828.94	3/4	4,190.38	3/4	4,551.83	3/4	4,912.50	3/4	5,252.20	3/4		3/4		3/4		3/4		3/4	
8	3,836.47	8	4,197.91	8	4,559.36	8	4,920.00	8	5,256.67	8		8		8		8		8	
1/4	3,844.00	1/4	4,205.44	1/4	4,566.89	1/4	4,927.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,851.53	1/2	4,212.97	1/2	4,574.42	1/2	4,935.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,859.06	3/4	4,220.50	3/4	4,581.95	3/4	4,942.50	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,866.59	9	4,228.03	9	4,589.48	9	4,950.01	9		9		9		9		9		9	
1/4	3,874.12	1/4	4,235.56	1/4	4,597.01	1/4	4,957.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,881.65	1/2	4,243.09	1/2	4,604.54	1/2	4,965.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,889.18	3/4	4,250.62	3/4	4,612.07	3/4	4,972.51	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,896.71	10	4,258.15	10	4,619.60	10	4,980.02	10		10		10		10		10		10	
1/4	3,904.24	1/4	4,265.68	1/4	4,627.13	1/4	4,987.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,911.77	1/2	4,273.21	1/2	4,634.66	1/2	4,995.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,919.30	3/4	4,280.74	3/4	4,642.19	3/4	5,002.53	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,926.83	11	4,288.27	11	4,649.72	11	5,010.03	11		11		11		11		11		11	
1/4	3,934.36	1/4	4,295.80	1/4	4,657.25	1/4	5,017.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,941.89	1/2	4,303.33	1/2	4,664.78	1/2	5,024.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,949.42	3/4	4,310.86	3/4	4,672.31	3/4	5,032.35	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/06/2012 CL - SW
CALCULATED: 11/08/2012 CL
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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P.O. Box 2092
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BARGE "CTC 30113"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 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	21.23	0	356.46	0	716.38	0	1,076.10	0	1,435.87	0	1,795.80	0	2,155.71	0	2,515.56	0	2,875.22	0	3,234.00
1/4	25.45	1/4	363.96	1/4	723.88	1/4	1,083.59	1/4	1,443.37	1/4	1,803.30	1/4	2,163.21	1/4	2,523.05	1/4	2,882.70	1/4	3,241.45
1/2	29.67	1/2	371.46	1/2	731.38	1/2	1,091.08	1/2	1,450.87	1/2	1,810.80	1/2	2,170.71	1/2	2,530.55	1/2	2,890.19	1/2	3,248.89
3/4	33.88	3/4	378.96	3/4	738.88	3/4	1,098.57	3/4	1,458.36	3/4	1,818.30	3/4	2,178.20	3/4	2,538.05	3/4	2,897.67	3/4	3,256.34
1	38.10	1	386.46	1	746.37	1	1,106.06	1	1,465.86	1	1,825.80	1	2,185.70	1	2,545.55	1	2,905.15	1	3,263.79
1/4	43.57	1/4	393.95	1/4	753.87	1/4	1,113.55	1/4	1,473.36	1/4	1,833.29	1/4	2,193.20	1/4	2,553.04	1/4	2,912.63	1/4	3,271.24
1/2	49.04	1/2	401.45	1/2	761.37	1/2	1,121.04	1/2	1,480.86	1/2	1,840.79	1/2	2,200.69	1/2	2,560.54	1/2	2,920.12	1/2	3,278.69
3/4	54.50	3/4	408.95	3/4	768.87	3/4	1,128.53	3/4	1,488.36	3/4	1,848.29	3/4	2,208.19	3/4	2,568.04	3/4	2,927.60	3/4	3,286.14
2	59.97	2	416.45	2	776.37	2	1,136.02	2	1,495.86	2	1,855.79	2	2,215.69	2	2,575.53	2	2,935.08	2	3,293.59
1/4	66.69	1/4	423.95	1/4	783.87	1/4	1,143.51	1/4	1,503.36	1/4	1,863.29	1/4	2,223.18	1/4	2,583.03	1/4	2,942.57	1/4	3,301.03
1/2	73.40	1/2	431.45	1/2	791.36	1/2	1,150.99	1/2	1,510.85	1/2	1,870.79	1/2	2,230.68	1/2	2,590.53	1/2	2,950.05	1/2	3,308.48
3/4	80.12	3/4	438.94	3/4	798.86	3/4	1,158.48	3/4	1,518.35	3/4	1,878.29	3/4	2,238.18	3/4	2,598.02	3/4	2,957.53	3/4	3,315.93
3	86.84	3	446.44	3	806.36	3	1,165.97	3	1,525.85	3	1,885.78	3	2,245.67	3	2,605.52	3	2,965.01	3	3,323.38
1/4	94.26	1/4	453.94	1/4	813.86	1/4	1,173.46	1/4	1,533.35	1/4	1,893.28	1/4	2,253.17	1/4	2,613.02	1/4	2,972.50	1/4	3,330.84
1/2	101.68	1/2	461.44	1/2	821.36	1/2	1,180.95	1/2	1,540.85	1/2	1,900.78	1/2	2,260.67	1/2	2,620.51	1/2	2,979.98	1/2	3,338.30
3/4	109.10	3/4	468.94	3/4	828.86	3/4	1,188.44	3/4	1,548.35	3/4	1,908.28	3/4	2,268.16	3/4	2,628.01	3/4	2,987.46	3/4	3,345.77
4	116.52	4	476.44	4	836.35	4	1,195.93	4	1,555.85	4	1,915.78	4	2,275.66	4	2,635.51	4	2,994.94	4	3,353.23
1/4	124.02	1/4	483.93	1/4	843.85	1/4	1,203.42	1/4	1,563.34	1/4	1,923.28	1/4	2,283.16	1/4	2,643.00	1/4	3,002.43	1/4	3,360.69
1/2	131.51	1/2	491.43	1/2	851.35	1/2	1,210.92	1/2	1,570.84	1/2	1,930.78	1/2	2,290.65	1/2	2,650.50	1/2	3,009.91	1/2	3,368.16
3/4	139.01	3/4	498.93	3/4	858.85	3/4	1,218.41	3/4	1,578.34	3/4	1,938.27	3/4	2,298.15	3/4	2,657.99	3/4	3,017.39	3/4	3,375.62
5	146.51	5	506.43	5	866.35	5	1,225.91	5	1,585.84	5	1,945.77	5	2,305.65	5	2,665.49	5	3,024.87	5	3,383.08
1/4	154.01	1/4	513.93	1/4	873.85	1/4	1,233.41	1/4	1,593.34	1/4	1,953.27	1/4	2,313.14	1/4	2,672.98	1/4	3,032.36	1/4	3,390.55
1/2	161.51	1/2	521.43	1/2	881.34	1/2	1,240.91	1/2	1,600.84	1/2	1,960.77	1/2	2,320.64	1/2	2,680.48	1/2	3,039.84	1/2	3,398.01
3/4	169.01	3/4	528.92	3/4	888.84	3/4	1,248.40	3/4	1,608.34	3/4	1,968.27	3/4	2,328.14	3/4	2,687.97	3/4	3,047.32	3/4	3,405.48
6	176.50	6	536.42	6	896.34	6	1,255.90	6	1,615.83	6	1,975.77	6	2,335.63	6	2,695.47	6	3,054.81	6	3,412.94
1/4	184.00	1/4	543.92	1/4	903.83	1/4	1,263.40	1/4	1,623.33	1/4	1,983.27	1/4	2,343.13	1/4	2,702.96	1/4	3,062.29	1/4	3,420.40
1/2	191.50	1/2	551.42	1/2	911.33	1/2	1,270.90	1/2	1,630.83	1/2	1,990.76	1/2	2,350.63	1/2	2,710.46	1/2	3,069.77	1/2	3,427.87
3/4	199.00	3/4	558.92	3/4	918.82	3/4	1,278.40	3/4	1,638.33	3/4	1,998.26	3/4	2,358.13	3/4	2,717.96	3/4	3,077.25	3/4	3,435.33
7	206.50	7	566.42	7	926.32	7	1,285.90	7	1,645.83	7	2,005.76	7	2,365.62	7	2,725.45	7	3,084.74	7	3,442.80
1/4	214.00	1/4	573.91	1/4	933.81	1/4	1,293.40	1/4	1,653.33	1/4	2,013.26	1/4	2,373.12	1/4	2,732.95	1/4	3,092.22	1/4	3,450.26
1/2	221.49	1/2	581.41	1/2	941.30	1/2	1,300.89	1/2	1,660.83	1/2	2,020.76	1/2	2,380.62	1/2	2,740.44	1/2	3,099.70	1/2	3,457.72
3/4	228.99	3/4	588.91	3/4	948.79	3/4	1,308.39	3/4	1,668.32	3/4	2,028.26	3/4	2,388.11	3/4	2,747.94	3/4	3,107.18	3/4	3,465.19
8	236.49	8	596.41	8	956.28	8	1,315.89	8	1,675.82	8	2,035.76	8	2,395.61	8	2,755.43	8	3,114.67	8	3,472.65
1/4	243.99	1/4	603.91	1/4	963.76	1/4	1,323.39	1/4	1,683.32	1/4	2,043.25	1/4	2,403.11	1/4	2,762.93	1/4	3,122.15	1/4	3,480.12
1/2	251.49	1/2	611.41	1/2	971.25	1/2	1,330.89	1/2	1,690.82	1/2	2,050.75	1/2	2,410.60	1/2	2,770.43	1/2	3,129.63	1/2	3,487.58
3/4	258.99	3/4	618.90	3/4	978.74	3/4	1,338.39	3/4	1,698.32	3/4	2,058.25	3/4	2,418.10	3/4	2,777.92	3/4	3,137.12	3/4	3,495.05
9	266.48	9	626.40	9	986.23	9	1,345.89	9	1,705.82	9	2,065.75	9	2,425.60	9	2,785.42	9	3,144.60	9	3,502.51
1/4	273.98	1/4	633.90	1/4	993.72	1/4	1,353.38	1/4	1,713.32	1/4	2,073.25	1/4	2,433.09	1/4	2,792.91	1/4	3,152.05	1/4	3,509.97
1/2	281.48	1/2	641.40	1/2	1,001.21	1/2	1,360.88	1/2	1,720.82	1/2	2,080.74	1/2	2,440.59	1/2	2,800.39	1/2	3,159.50	1/2	3,511.44
3/4	288.98	3/4	648.90	3/4	1,008.70	3/4	1,368.38	3/4	1,728.31	3/4	2,088.24	3/4	2,448.09	3/4	2,807.87	3/4	3,166.96	3/4	3,515.90
10	296.48	10	656.40	10	1,016.19	10	1,375.88	10	1,735.81	10	2,095.74	10	2,455.58	10	2,815.36	10	3,174.41	10	3,520.36
1/4	303.98	1/4	663.89	1/4	1,023.68	1/4	1,383.38	1/4	1,743.31	1/4	2,103.23	1/4	2,463.08	1/4	2,822.84	1/4	3,181.86	1/4	3,524.40
1/2	311.47	1/2	671.39	1/2	1,031.17	1/2	1,390.88	1/2	1,750.81	1/2	2,110.73	1/2	2,470.58	1/2	2,830.32	1/2	3,189.31	1/2	3,528.43
3/4	318.97	3/4	678.89	3/4	1,038.66	3/4	1,398.38	3/4	1,758.31	3/4	2,118.23	3/4	2,478.07	3/4	2,837.81	3/4	3,196.75	3/4	3,532.47
11	326.47	11	686.39	11	1,046.15	11	1,405.87	11	1,765.81	11	2,125.72	11	2,485.57	11	2,845.29	11	3,204.20	11	3,536.50
1/4	333.97	1/4	693.89	1/4	1,053.63	1/4	1,413.37	1/4	1,773.31	1/4	2,133.22	1/4	2,493.07	1/4	2,852.77	1/4	3,211.65	1/4	3,540.53
1/2	341.47	1/2	701.38	1/2	1,061.12	1/2	1,420.87	1/2	1,780.80	1/2	2,140.72	1/2	2,500.56	1/2	2,860.26	1/2	3,219.10	1/2	3,544.57
3/4	348.96	3/4	708.88	3/4	1,068.61	3/4	1,428.37	3/4	1,788.30	3/4	2,148.21	3/4	2,508.06	3/4	2,867.74	3/4	3,226.55	3/4	3,548.60

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 4" DIAMETER STANDPIPE.
 GAUGE POINT: (4" PIPE) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CTC 30113"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-08 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	3,552.64	0	3,746.29	0	3,939.95	0	4,133.61	0	4,326.49	0		0		0		0		0	
1/4	3,556.67	1/4	3,750.33	1/4	3,943.98	1/4	4,137.64	1/4	4,330.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,560.71	1/2	3,754.36	1/2	3,948.02	1/2	4,141.67	1/2	4,334.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,564.74	3/4	3,758.40	3/4	3,952.05	3/4	4,145.71	3/4	4,338.44	3/4		3/4		3/4		3/4		3/4	
1	3,568.78	1	3,762.43	1	3,956.09	1	4,149.74	1	4,342.42	1		1		1		1		1	
1/4	3,572.81	1/4	3,766.47	1/4	3,960.12	1/4	4,153.76	1/4	4,346.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,576.84	1/2	3,770.50	1/2	3,964.16	1/2	4,157.79	1/2	4,350.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,580.88	3/4	3,774.54	3/4	3,968.19	3/4	4,161.81	3/4	4,354.36	3/4		3/4		3/4		3/4		3/4	
2	3,584.91	2	3,778.57	2	3,972.23	2	4,165.83	2	4,358.34	2		2		2		2		2	
1/4	3,588.95	1/4	3,782.60	1/4	3,976.26	1/4	4,169.85	1/4	4,362.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,592.98	1/2	3,786.64	1/2	3,980.29	1/2	4,173.87	1/2	4,366.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,597.02	3/4	3,790.67	3/4	3,984.33	3/4	4,177.89	3/4	4,370.29	3/4		3/4		3/4		3/4		3/4	
3	3,601.05	3	3,794.71	3	3,988.36	3	4,181.91	3	4,374.27	3		3		3		3		3	
1/4	3,605.09	1/4	3,798.74	1/4	3,992.40	1/4	4,185.93	1/4	4,378.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.12	1/2	3,802.78	1/2	3,996.43	1/2	4,189.95	1/2	4,382.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,613.16	3/4	3,806.81	3/4	4,000.47	3/4	4,193.97	3/4	4,386.21	3/4		3/4		3/4		3/4		3/4	
4	3,617.19	4	3,810.85	4	4,004.50	4	4,197.99	4	4,390.20	4		4		4		4		4	
1/4	3,621.22	1/4	3,814.88	1/4	4,008.54	1/4	4,202.01	1/4	4,394.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.26	1/2	3,818.91	1/2	4,012.57	1/2	4,206.03	1/2	4,398.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,629.29	3/4	3,822.95	3/4	4,016.61	3/4	4,210.05	3/4	4,402.14	3/4		3/4		3/4		3/4		3/4	
5	3,633.33	5	3,826.98	5	4,020.64	5	4,214.07	5	4,406.12	5		5		5		5		5	
1/4	3,637.36	1/4	3,831.02	1/4	4,024.67	1/4	4,218.09	1/4	4,409.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,641.40	1/2	3,835.05	1/2	4,028.71	1/2	4,222.11	1/2	4,412.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,645.43	3/4	3,839.09	3/4	4,032.74	3/4	4,226.13	3/4	4,416.43	3/4		3/4		3/4		3/4		3/4	
6	3,649.47	6	3,843.12	6	4,036.78	6	4,230.15	6	4,419.86	6		6		6		6		6	
1/4	3,653.50	1/4	3,847.16	1/4	4,040.81	1/4	4,234.17	1/4	4,422.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,657.53	1/2	3,851.19	1/2	4,044.85	1/2	4,238.19	1/2	4,424.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,661.57	3/4	3,855.23	3/4	4,048.88	3/4	4,242.21	3/4	4,426.66	3/4		3/4		3/4		3/4		3/4	
7	3,665.60	7	3,859.26	7	4,052.92	7	4,246.23	7	4,428.92	7		7		7		7		7	
1/4	3,669.64	1/4	3,863.29	1/4	4,056.95	1/4	4,250.25	1/4	4,429.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,673.67	1/2	3,867.33	1/2	4,060.98	1/2	4,254.27	1/2	4,430.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.71	3/4	3,871.36	3/4	4,065.02	3/4	4,258.29	3/4	4,432.00	3/4		3/4		3/4		3/4		3/4	
8	3,681.74	8	3,875.40	8	4,069.05	8	4,262.31	8	4,433.02	8		8		8		8		8	
1/4	3,685.78	1/4	3,879.43	1/4	4,073.09	1/4	4,266.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.81	1/2	3,883.47	1/2	4,077.12	1/2	4,270.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.85	3/4	3,887.50	3/4	4,081.16	3/4	4,274.37	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,697.88	9	3,891.54	9	4,085.19	9	4,278.39	9		9		9		9		9		9	
1/4	3,701.91	1/4	3,895.57	1/4	4,089.23	1/4	4,282.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.95	1/2	3,899.60	1/2	4,093.26	1/2	4,286.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,709.98	3/4	3,903.64	3/4	4,097.30	3/4	4,290.45	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,714.02	10	3,907.67	10	4,101.33	10	4,294.47	10		10		10		10		10		10	
1/4	3,718.05	1/4	3,911.71	1/4	4,105.36	1/4	4,298.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.09	1/2	3,915.74	1/2	4,109.40	1/2	4,302.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.12	3/4	3,919.78	3/4	4,113.43	3/4	4,306.53	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,730.16	11	3,923.81	11	4,117.47	11	4,310.55	11		11		11		11		11		11	
1/4	3,734.19	1/4	3,927.85	1/4	4,121.50	1/4	4,314.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.22	1/2	3,931.88	1/2	4,125.54	1/2	4,318.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,742.26	3/4	3,935.92	3/4	4,129.57	3/4	4,322.51	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2012 CL - SW
CALCULATED: 11/08/2012 CL
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 30113"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-09"

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	21.22	0	355.77	0	714.96	0	1,062.61	0	1,415.21	0	1,773.78	0	2,132.84	0	2,491.84	0	2,850.66	0	3,208.41
1/4	25.44	1/4	363.26	1/4	722.45	1/4	1,069.75	1/4	1,422.63	1/4	1,781.26	1/4	2,140.32	1/4	2,499.32	1/4	2,858.12	1/4	3,215.84
1/2	29.65	1/2	370.74	1/2	729.93	1/2	1,076.90	1/2	1,430.05	1/2	1,788.74	1/2	2,147.80	1/2	2,506.80	1/2	2,865.59	1/2	3,223.27
3/4	33.87	3/4	378.22	3/4	737.41	3/4	1,084.05	3/4	1,437.47	3/4	1,796.22	3/4	2,155.28	3/4	2,514.28	3/4	2,873.05	3/4	3,230.70
1	38.08	1	385.71	1	744.90	1	1,091.19	1	1,444.89	1	1,803.70	1	2,162.76	1	2,521.76	1	2,880.52	1	3,238.13
1/4	43.54	1/4	393.19	1/4	752.38	1/4	1,098.34	1/4	1,452.31	1/4	1,811.18	1/4	2,170.24	1/4	2,529.24	1/4	2,887.98	1/4	3,245.57
1/2	48.99	1/2	400.67	1/2	759.86	1/2	1,105.48	1/2	1,459.73	1/2	1,818.66	1/2	2,177.72	1/2	2,536.72	1/2	2,895.44	1/2	3,253.00
3/4	54.45	3/4	408.16	3/4	767.34	3/4	1,112.63	3/4	1,467.15	3/4	1,826.15	3/4	2,185.20	3/4	2,544.20	3/4	2,902.90	3/4	3,260.43
2	59.90	2	415.64	2	774.83	2	1,119.77	2	1,474.57	2	1,833.63	2	2,192.67	2	2,551.68	2	2,910.35	2	3,267.86
1/4	66.59	1/4	423.12	1/4	782.31	1/4	1,126.92	1/4	1,482.04	1/4	1,841.11	1/4	2,200.15	1/4	2,559.16	1/4	2,917.81	1/4	3,275.29
1/2	73.29	1/2	430.61	1/2	789.79	1/2	1,134.07	1/2	1,489.52	1/2	1,848.59	1/2	2,207.63	1/2	2,566.63	1/2	2,925.27	1/2	3,282.72
3/4	79.98	3/4	438.09	3/4	797.28	3/4	1,141.21	3/4	1,496.99	3/4	1,856.07	3/4	2,215.11	3/4	2,574.11	3/4	2,932.73	3/4	3,290.15
3	86.67	3	445.57	3	804.76	3	1,148.36	3	1,504.46	3	1,863.55	3	2,222.59	3	2,581.59	3	2,940.18	3	3,297.58
1/4	94.08	1/4	453.05	1/4	811.99	1/4	1,155.75	1/4	1,511.94	1/4	1,871.03	1/4	2,230.07	1/4	2,589.07	1/4	2,947.64	1/4	3,305.03
1/2	101.48	1/2	460.54	1/2	819.23	1/2	1,163.15	1/2	1,519.42	1/2	1,878.51	1/2	2,237.55	1/2	2,596.55	1/2	2,955.10	1/2	3,312.47
3/4	108.89	3/4	468.02	3/4	826.46	3/4	1,170.54	3/4	1,526.91	3/4	1,885.99	3/4	2,245.03	3/4	2,604.03	3/4	2,962.56	3/4	3,319.91
4	116.29	4	475.50	4	833.70	4	1,177.93	4	1,534.39	4	1,893.47	4	2,252.51	4	2,611.51	4	2,970.01	4	3,327.36
1/4	123.78	1/4	482.99	1/4	840.87	1/4	1,185.34	1/4	1,541.87	1/4	1,900.96	1/4	2,259.99	1/4	2,618.99	1/4	2,977.47	1/4	3,334.81
1/2	131.27	1/2	490.47	1/2	848.05	1/2	1,192.74	1/2	1,549.35	1/2	1,908.44	1/2	2,267.47	1/2	2,626.46	1/2	2,984.93	1/2	3,342.25
3/4	138.76	3/4	497.95	3/4	855.22	3/4	1,200.15	3/4	1,556.83	3/4	1,915.92	3/4	2,274.95	3/4	2,633.94	3/4	2,992.39	3/4	3,349.70
5	146.24	5	505.44	5	862.40	5	1,207.55	5	1,564.31	5	1,923.40	5	2,282.43	5	2,641.42	5	2,999.85	5	3,357.14
1/4	153.73	1/4	512.92	1/4	869.57	1/4	1,214.95	1/4	1,571.79	1/4	1,930.88	1/4	2,289.90	1/4	2,648.90	1/4	3,007.30	1/4	3,364.59
1/2	161.21	1/2	520.40	1/2	876.74	1/2	1,222.35	1/2	1,579.27	1/2	1,938.36	1/2	2,297.38	1/2	2,656.38	1/2	3,014.76	1/2	3,372.04
3/4	168.70	3/4	527.89	3/4	883.91	3/4	1,229.76	3/4	1,586.75	3/4	1,945.84	3/4	2,304.86	3/4	2,663.85	3/4	3,022.22	3/4	3,379.48
6	176.18	6	535.37	6	891.08	6	1,237.16	6	1,594.23	6	1,953.32	6	2,312.34	6	2,671.33	6	3,029.68	6	3,386.93
1/4	183.66	1/4	542.85	1/4	898.24	1/4	1,244.58	1/4	1,601.72	1/4	1,960.80	1/4	2,319.82	1/4	2,678.81	1/4	3,037.13	1/4	3,394.38
1/2	191.15	1/2	550.33	1/2	905.39	1/2	1,251.99	1/2	1,609.20	1/2	1,968.28	1/2	2,327.30	1/2	2,686.29	1/2	3,044.59	1/2	3,401.82
3/4	198.63	3/4	557.82	3/4	912.54	3/4	1,259.41	3/4	1,616.68	3/4	1,975.77	3/4	2,334.78	3/4	2,693.77	3/4	3,052.05	3/4	3,409.27
7	206.11	7	565.30	7	919.69	7	1,266.83	7	1,624.16	7	1,983.25	7	2,342.26	7	2,701.24	7	3,059.51	7	3,416.72
1/4	213.60	1/4	572.78	1/4	926.84	1/4	1,274.25	1/4	1,631.64	1/4	1,990.73	1/4	2,349.74	1/4	2,708.72	1/4	3,066.97	1/4	3,424.16
1/2	221.08	1/2	580.27	1/2	933.98	1/2	1,281.67	1/2	1,639.12	1/2	1,998.21	1/2	2,357.22	1/2	2,716.20	1/2	3,074.43	1/2	3,431.61
3/4	228.56	3/4	587.75	3/4	941.13	3/4	1,289.09	3/4	1,646.60	3/4	2,005.69	3/4	2,364.70	3/4	2,723.68	3/4	3,081.90	3/4	3,439.06
8	236.04	8	595.23	8	948.27	8	1,296.51	8	1,654.08	8	2,013.17	8	2,372.18	8	2,731.15	8	3,089.36	8	3,446.50
1/4	243.53	1/4	602.72	1/4	955.42	1/4	1,303.92	1/4	1,661.56	1/4	2,020.65	1/4	2,379.65	1/4	2,738.63	1/4	3,096.83	1/4	3,453.95
1/2	251.01	1/2	610.20	1/2	962.57	1/2	1,311.34	1/2	1,669.04	1/2	2,028.13	1/2	2,387.13	1/2	2,746.11	1/2	3,104.29	1/2	3,461.39
3/4	258.49	3/4	617.68	3/4	969.71	3/4	1,318.76	3/4	1,676.53	3/4	2,035.61	3/4	2,394.61	3/4	2,753.59	3/4	3,111.76	3/4	3,468.84
9	265.98	9	625.17	9	976.86	9	1,326.18	9	1,684.01	9	2,043.09	9	2,402.09	9	2,761.07	9	3,119.22	9	3,476.29
1/4	273.46	1/4	632.65	1/4	984.00	1/4	1,333.60	1/4	1,691.49	1/4	2,050.57	1/4	2,409.57	1/4	2,768.54	1/4	3,126.66	1/4	3,483.73
1/2	280.94	1/2	640.13	1/2	991.15	1/2	1,341.02	1/2	1,698.97	1/2	2,058.05	1/2	2,417.05	1/2	2,776.00	1/2	3,134.09	1/2	3,485.18
3/4	288.43	3/4	647.62	3/4	998.30	3/4	1,348.44	3/4	1,706.45	3/4	2,065.53	3/4	2,424.53	3/4	2,783.47	3/4	3,141.53	3/4	3,489.63
10	295.91	10	655.10	10	1,005.44	10	1,355.86	10	1,713.93	10	2,073.01	10	2,432.01	10	2,790.94	10	3,148.96	10	3,494.08
1/4	303.39	1/4	662.58	1/4	1,012.59	1/4	1,363.28	1/4	1,721.41	1/4	2,080.49	1/4	2,439.49	1/4	2,798.40	1/4	3,156.39	1/4	3,498.10
1/2	310.88	1/2	670.06	1/2	1,019.73	1/2	1,370.70	1/2	1,728.89	1/2	2,087.97	1/2	2,446.97	1/2	2,805.87	1/2	3,163.83	1/2	3,502.11
3/4	318.36	3/4	677.55	3/4	1,026.88	3/4	1,378.12	3/4	1,736.37	3/4	2,095.45	3/4	2,454.45	3/4	2,813.33	3/4	3,171.26	3/4	3,506.13
11	325.84	11	685.03	11	1,034.02	11	1,385.54	11	1,743.85	11	2,102.92	11	2,461.93	11	2,820.80	11	3,178.69	11	3,510.15
1/4	333.32	1/4	692.51	1/4	1,041.17	1/4	1,392.96	1/4	1,751.34	1/4	2,110.40	1/4	2,469.41	1/4	2,828.26	1/4	3,186.12	1/4	3,514.17
1/2	340.81	1/2	700.00	1/2	1,048.32	1/2	1,400.38	1/2	1,758.82	1/2	2,117.88	1/2	2,476.88	1/2	2,835.73	1/2	3,193.55	1/2	3,518.19
3/4	348.29	3/4	707.48	3/4	1,055.46	3/4	1,407.79	3/4	1,766.30	3/4	2,125.36	3/4	2,484.36	3/4	2,843.19	3/4	3,200.98	3/4	3,522.21

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 4" DIAMETER STANDPIPE.
 GAUGE POINT: (4" PIPE) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CTC 30113"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 16'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,526.23	0	3,719.12	0	3,912.01	0	4,104.90	0	4,297.02	0		0		0		0		0	
1/4	3,530.24	1/4	3,723.14	1/4	3,916.03	1/4	4,108.92	1/4	4,300.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,534.26	1/2	3,727.16	1/2	3,920.05	1/2	4,112.94	1/2	4,304.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,538.28	3/4	3,731.17	3/4	3,924.07	3/4	4,116.96	3/4	4,308.92	3/4		3/4		3/4		3/4		3/4	
1	3,542.30	1	3,735.19	1	3,928.09	1	4,120.98	1	4,312.88	1		1		1		1		1	
1/4	3,546.32	1/4	3,739.21	1/4	3,932.10	1/4	4,124.98	1/4	4,316.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,550.34	1/2	3,743.23	1/2	3,936.12	1/2	4,128.99	1/2	4,320.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,554.36	3/4	3,747.25	3/4	3,940.14	3/4	4,132.99	3/4	4,324.78	3/4		3/4		3/4		3/4		3/4	
2	3,558.37	2	3,751.27	2	3,944.16	2	4,136.99	2	4,328.74	2		2		2		2		2	
1/4	3,562.39	1/4	3,755.29	1/4	3,948.18	1/4	4,141.00	1/4	4,332.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,566.41	1/2	3,759.30	1/2	3,952.20	1/2	4,145.00	1/2	4,336.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,570.43	3/4	3,763.32	3/4	3,956.22	3/4	4,149.01	3/4	4,340.64	3/4		3/4		3/4		3/4		3/4	
3	3,574.45	3	3,767.34	3	3,960.23	3	4,153.01	3	4,344.61	3		3		3		3		3	
1/4	3,578.47	1/4	3,771.36	1/4	3,964.25	1/4	4,157.01	1/4	4,348.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,582.49	1/2	3,775.38	1/2	3,968.27	1/2	4,161.02	1/2	4,352.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,586.50	3/4	3,779.40	3/4	3,972.29	3/4	4,165.02	3/4	4,356.50	3/4		3/4		3/4		3/4		3/4	
4	3,590.52	4	3,783.42	4	3,976.31	4	4,169.03	4	4,360.47	4		4		4		4		4	
1/4	3,594.54	1/4	3,787.43	1/4	3,980.33	1/4	4,173.03	1/4	4,364.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.56	1/2	3,791.45	1/2	3,984.35	1/2	4,177.03	1/2	4,368.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,602.58	3/4	3,795.47	3/4	3,988.36	3/4	4,181.04	3/4	4,372.37	3/4		3/4		3/4		3/4		3/4	
5	3,606.60	5	3,799.49	5	3,992.38	5	4,185.04	5	4,376.33	5		5		5		5		5	
1/4	3,610.62	1/4	3,803.51	1/4	3,996.40	1/4	4,189.05	1/4	4,379.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,614.63	1/2	3,807.53	1/2	4,000.42	1/2	4,193.05	1/2	4,383.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,618.65	3/4	3,811.55	3/4	4,004.44	3/4	4,197.05	3/4	4,386.59	3/4		3/4		3/4		3/4		3/4	
6	3,622.67	6	3,815.56	6	4,008.46	6	4,201.06	6	4,390.01	6		6		6		6		6	
1/4	3,626.69	1/4	3,819.58	1/4	4,012.48	1/4	4,205.06	1/4	4,392.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.71	1/2	3,823.60	1/2	4,016.49	1/2	4,209.07	1/2	4,394.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.73	3/4	3,827.62	3/4	4,020.51	3/4	4,213.07	3/4	4,396.76	3/4		3/4		3/4		3/4		3/4	
7	3,638.75	7	3,831.64	7	4,024.53	7	4,217.07	7	4,399.00	7		7		7		7		7	
1/4	3,642.77	1/4	3,835.66	1/4	4,028.55	1/4	4,221.08	1/4	4,400.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.78	1/2	3,839.68	1/2	4,032.57	1/2	4,225.08	1/2	4,401.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,650.80	3/4	3,843.70	3/4	4,036.59	3/4	4,229.09	3/4	4,402.04	3/4		3/4		3/4		3/4		3/4	
8	3,654.82	8	3,847.71	8	4,040.61	8	4,233.09	8	4,403.05	8		8		8		8		8	
1/4	3,658.84	1/4	3,851.73	1/4	4,044.63	1/4	4,237.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,662.86	1/2	3,855.75	1/2	4,048.64	1/2	4,241.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.88	3/4	3,859.77	3/4	4,052.66	3/4	4,245.10	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,670.90	9	3,863.79	9	4,056.68	9	4,249.11	9		9		9		9		9		9	
1/4	3,674.91	1/4	3,867.81	1/4	4,060.70	1/4	4,253.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,678.93	1/2	3,871.83	1/2	4,064.72	1/2	4,257.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,682.95	3/4	3,875.84	3/4	4,068.74	3/4	4,261.12	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,686.97	10	3,879.86	10	4,072.76	10	4,265.12	10		10		10		10		10		10	
1/4	3,690.99	1/4	3,883.88	1/4	4,076.77	1/4	4,269.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,695.01	1/2	3,887.90	1/2	4,080.79	1/2	4,273.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,699.03	3/4	3,891.92	3/4	4,084.81	3/4	4,277.13	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,703.04	11	3,895.94	11	4,088.83	11	4,281.14	11		11		11		11		11		11	
1/4	3,707.06	1/4	3,899.96	1/4	4,092.85	1/4	4,285.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.08	1/2	3,903.97	1/2	4,096.87	1/2	4,289.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,715.10	3/4	3,907.99	3/4	4,100.89	3/4	4,293.05	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2012 CL - SW
CALCULATED: 11/08/2012 CL
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 30113"

INNAGE TRIM TABLE
FORMERLY "MACI BRYAN"

	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	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
1 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
2 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8
2 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8
3 PORT	- 00-1/2	00-1/2	- 01-0/8	01-0/8	- 01-1/2	01-1/2	- 02-0/8	02-0/8	- 02-5/8	02-5/8	- 03-1/8	03-1/8
3 STBD	- 00-1/2	00-1/2	- 01-0/8	01-0/8	- 01-1/2	01-1/2	- 02-1/8	02-1/8	- 02-5/8	02-5/8	- 03-1/8	03-1/8

(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 - 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 253'-03"

March 29, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 30113"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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		0	5,142.36	0	4,782.36	0	4,420.20	0	4,057.89	0	3,695.57	0	3,333.26	0	2,970.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,134.91	1/4	4,774.84	1/4	4,412.65	1/4	4,050.34	1/4	3,688.03	1/4	3,325.71	1/4	2,963.40		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,127.46	1/2	4,767.32	1/2	4,405.10	1/2	4,042.79	1/2	3,680.48	1/2	3,318.16	1/2	2,955.85		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,120.01	3/4	4,759.79	3/4	4,397.56	3/4	4,035.24	3/4	3,672.93	3/4	3,310.62	3/4	2,948.30		
1		1		1		1	5,112.56	1	4,752.27	1	4,390.01	1	4,027.69	1	3,665.38	1	3,303.07	1	2,940.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,105.11	1/4	4,744.75	1/4	4,382.46	1/4	4,020.15	1/4	3,657.83	1/4	3,295.52	1/4	2,933.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,097.66	1/2	4,737.23	1/2	4,374.91	1/2	4,012.60	1/2	3,650.28	1/2	3,287.97	1/2	2,925.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,090.21	3/4	4,729.68	3/4	4,367.36	3/4	4,005.05	3/4	3,642.74	3/4	3,280.42	3/4	2,918.11		
2		2		2		2	5,082.76	2	4,722.13	2	4,359.82	2	3,997.50	2	3,635.19	2	3,272.87	2	2,910.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,075.31	1/4	4,714.58	1/4	4,352.27	1/4	3,989.95	1/4	3,627.64	1/4	3,265.33	1/4	2,903.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,067.86	1/2	4,707.03	1/2	4,344.72	1/2	3,982.41	1/2	3,620.09	1/2	3,257.78	1/2	2,895.46		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,060.40	3/4	4,699.48	3/4	4,337.17	3/4	3,974.86	3/4	3,612.54	3/4	3,250.23	3/4	2,887.92		
3		3		3		3	5,052.94	3	4,691.94	3	4,329.62	3	3,967.31	3	3,605.00	3	3,242.68	3	2,880.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,045.48	1/4	4,684.39	1/4	4,322.07	1/4	3,959.76	1/4	3,597.45	1/4	3,235.13	1/4	2,872.82		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,038.02	1/2	4,676.84	1/2	4,314.53	1/2	3,952.21	1/2	3,589.90	1/2	3,227.59	1/2	2,865.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,030.50	3/4	4,669.29	3/4	4,306.98	3/4	3,944.66	3/4	3,582.35	3/4	3,220.04	3/4	2,857.72		
4		4		4		4	5,022.98	4	4,661.74	4	4,299.43	4	3,937.12	4	3,574.80	4	3,212.49	4	2,850.18		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,015.46	1/4	4,654.20	1/4	4,291.88	1/4	3,929.57	1/4	3,567.25	1/4	3,204.94	1/4	2,842.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,007.94	1/2	4,646.65	1/2	4,284.33	1/2	3,922.02	1/2	3,559.71	1/2	3,197.39	1/2	2,835.08		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,000.42	3/4	4,639.10	3/4	4,276.78	3/4	3,914.47	3/4	3,552.16	3/4	3,189.84	3/4	2,827.53		
5		5		5		5	4,992.89	5	4,631.55	5	4,269.24	5	3,906.92	5	3,544.61	5	3,182.30	5	2,819.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,985.37	1/4	4,624.00	1/4	4,261.69	1/4	3,899.37	1/4	3,537.06	1/4	3,174.75	1/4	2,812.43		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,977.85	1/2	4,616.45	1/2	4,254.14	1/2	3,891.83	1/2	3,529.51	1/2	3,167.20	1/2	2,804.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,970.33	3/4	4,608.91	3/4	4,246.59	3/4	3,884.28	3/4	3,521.96	3/4	3,159.65	3/4	2,797.34		
6		6		6		6	4,962.81	6	4,601.36	6	4,239.04	6	3,876.73	6	3,514.42	6	3,152.10	6	2,789.79		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,955.29	1/4	4,593.81	1/4	4,231.50	1/4	3,869.18	1/4	3,506.87	1/4	3,144.55	1/4	2,782.24		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,285.27	1/2	4,947.78	1/2	4,586.26	1/2	4,223.95	1/2	3,861.63	1/2	3,499.32	1/2	3,137.01	1/2	2,774.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,280.78	3/4	4,940.26	3/4	4,578.71	3/4	4,216.40	3/4	3,854.09	3/4	3,491.77	3/4	3,129.46	3/4	2,767.14
7		7		7		7	5,276.30	7	4,932.74	7	4,571.16	7	4,208.85	7	3,846.54	7	3,484.22	7	3,121.91	7	2,759.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,271.81	1/4	4,925.22	1/4	4,563.62	1/4	4,201.30	1/4	3,838.99	1/4	3,476.68	1/4	3,114.36	1/4	2,752.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,267.33	1/2	4,917.70	1/2	4,556.07	1/2	4,193.75	1/2	3,831.44	1/2	3,469.13	1/2	3,106.81	1/2	2,744.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,261.61	3/4	4,910.18	3/4	4,548.52	3/4	4,186.21	3/4	3,823.89	3/4	3,461.58	3/4	3,099.27	3/4	2,736.95
8		8		8		8	5,255.89	8	4,902.66	8	4,540.97	8	4,178.66	8	3,816.34	8	3,454.03	8	3,091.72	8	2,729.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,250.17	1/4	4,895.14	1/4	4,533.42	1/4	4,171.11	1/4	3,808.80	1/4	3,446.48	1/4	3,084.17	1/4	2,721.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,244.45	1/2	4,887.62	1/2	4,525.88	1/2	4,163.56	1/2	3,801.25	1/2	3,438.93	1/2	3,076.62	1/2	2,714.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,237.55	3/4	4,880.10	3/4	4,518.33	3/4	4,156.01	3/4	3,793.70	3/4	3,431.39	3/4	3,069.07	3/4	2,706.76
9		9		9		9	5,230.65	9	4,872.58	9	4,510.78	9	4,148.47	9	3,786.15	9	3,423.84	9	3,061.52	9	2,699.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,223.76	1/4	4,865.07	1/4	4,503.23	1/4	4,140.92	1/4	3,778.60	1/4	3,416.29	1/4	3,053.98	1/4	2,691.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,216.86	1/2	4,857.55	1/2	4,495.68	1/2	4,133.37	1/2	3,771.06	1/2	3,408.74	1/2	3,046.43	1/2	2,684.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,209.41	3/4	4,850.03	3/4	4,488.13	3/4	4,125.82	3/4	3,763.51	3/4	3,401.19	3/4	3,038.88	3/4	2,676.57
10		10		10		10	5,201.96	10	4,842.51	10	4,480.59	10	4,118.27	10	3,755.96	10	3,393.65	10	3,031.33	10	2,669.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,194.51	1/4	4,834.99	1/4	4,473.04	1/4	4,110.72	1/4	3,748.41	1/4	3,386.10	1/4	3,023.78	1/4	2,661.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,187.06	1/2	4,827.47	1/2	4,465.49	1/2	4,103.18	1/2	3,740.86	1/2	3,378.55	1/2	3,016.24	1/2	2,653.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,179.61	3/4	4,819.95	3/4	4,457.94	3/4	4,095.63	3/4	3,733.31	3/4	3,371.00	3/4	3,008.69	3/4	2,646.37
11		11		11		11	5,172.16	11	4,812.43	11	4,450.39	11	4,088.08	11	3,725.77	11	3,363.45	11	3,001.14	11	2,638.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,164.71	1/4	4,804.91	1/4	4,442.85	1/4	4,080.53	1/4	3,718.22	1/4	3,355.90	1/4	2,993.59	1/4	2,631.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,157.26	1/2	4,797.39	1/2	4,435.30	1/2	4,072.98	1/2	3,710.67	1/2	3,348.36	1/2	2,986.04	1/2	2,623.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,149.81	3/4	4,789.87	3/4	4,427.75	3/4	4,065.44	3/4	3,703.12	3/4	3,340.81	3/4	2,978.49	3/4	2,616.18

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 WITH (HERMETIC CLOSED GAUGING DEVICE).
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 39'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CTC 30113"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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	2,608.63	0	2,246.18	0	1,883.73	0	1,521.29	0	1,158.97	0	796.89	0	434.46	0	73.91	0		0	
1/4	2,601.08	1/4	2,238.63	1/4	1,876.18	1/4	1,513.73	1/4	1,151.43	1/4	789.34	1/4	426.91	1/4	67.15	1/4		1/4	
1/2	2,593.53	1/2	2,231.08	1/2	1,868.63	1/2	1,506.18	1/2	1,143.89	1/2	781.79	1/2	419.36	1/2	60.38	1/2		1/2	
3/4	2,585.98	3/4	2,223.53	3/4	1,861.08	3/4	1,498.63	3/4	1,136.35	3/4	774.24	3/4	411.80	3/4	54.88	3/4		3/4	
1	2,578.43	1	2,215.98	1	1,853.53	1	1,491.08	1	1,128.81	1	766.69	1	404.25	1	49.37	1		1	
1/4	2,570.87	1/4	2,208.43	1/4	1,845.98	1/4	1,483.53	1/4	1,121.27	1/4	759.14	1/4	396.70	1/4	43.87	1/4		1/4	
1/2	2,563.32	1/2	2,200.88	1/2	1,838.43	1/2	1,475.98	1/2	1,113.73	1/2	751.59	1/2	389.15	1/2	38.36	1/2		1/2	
3/4	2,555.77	3/4	2,193.32	3/4	1,830.88	3/4	1,468.43	3/4	1,106.20	3/4	744.04	3/4	381.60	3/4	34.12	3/4		3/4	
2	2,548.22	2	2,185.77	2	1,823.33	2	1,460.88	2	1,098.66	2	736.48	2	374.05	2	29.87	2		2	
1/4	2,540.67	1/4	2,178.22	1/4	1,815.77	1/4	1,453.33	1/4	1,091.12	1/4	728.93	1/4	366.50	1/4	25.63	1/4		1/4	
1/2	2,533.12	1/2	2,170.67	1/2	1,808.22	1/2	1,445.78	1/2	1,083.58	1/2	721.38	1/2	358.95	1/2	21.38	1/2		1/2	
3/4	2,525.57	3/4	2,163.12	3/4	1,800.67	3/4	1,438.22	3/4	1,076.04	3/4	713.83	3/4	351.40	3/4		3/4		3/4	
3	2,518.02	3	2,155.57	3	1,793.12	3	1,430.67	3	1,068.50	3	706.28	3	343.85	3		3		3	
1/4	2,510.47	1/4	2,148.02	1/4	1,785.57	1/4	1,423.12	1/4	1,060.96	1/4	698.73	1/4	336.30	1/4		1/4		1/4	
1/2	2,502.92	1/2	2,140.47	1/2	1,778.02	1/2	1,415.57	1/2	1,053.43	1/2	691.18	1/2	328.75	1/2		1/2		1/2	
3/4	2,495.36	3/4	2,132.92	3/4	1,770.47	3/4	1,408.02	3/4	1,045.89	3/4	683.63	3/4	321.20	3/4		3/4		3/4	
4	2,487.81	4	2,125.37	4	1,762.92	4	1,400.47	4	1,038.35	4	676.08	4	313.65	4		4		4	
1/4	2,480.26	1/4	2,117.81	1/4	1,755.37	1/4	1,392.92	1/4	1,030.81	1/4	668.53	1/4	306.09	1/4		1/4		1/4	
1/2	2,472.71	1/2	2,110.26	1/2	1,747.82	1/2	1,385.37	1/2	1,023.27	1/2	660.98	1/2	298.54	1/2		1/2		1/2	
3/4	2,465.16	3/4	2,102.71	3/4	1,740.26	3/4	1,377.82	3/4	1,015.73	3/4	653.43	3/4	290.99	3/4		3/4		3/4	
5	2,457.61	5	2,095.16	5	1,732.71	5	1,370.27	5	1,008.19	5	645.88	5	283.44	5		5		5	
1/4	2,450.06	1/4	2,087.61	1/4	1,725.16	1/4	1,362.71	1/4	1,000.65	1/4	638.33	1/4	275.89	1/4		1/4		1/4	
1/2	2,442.51	1/2	2,080.06	1/2	1,717.61	1/2	1,355.16	1/2	993.12	1/2	630.77	1/2	268.34	1/2		1/2		1/2	
3/4	2,434.96	3/4	2,072.51	3/4	1,710.06	3/4	1,347.61	3/4	985.58	3/4	623.22	3/4	260.79	3/4		3/4		3/4	
6	2,427.41	6	2,064.96	6	1,702.51	6	1,340.06	6	978.04	6	615.67	6	253.24	6		6		6	
1/4	2,419.85	1/4	2,057.41	1/4	1,694.96	1/4	1,332.51	1/4	970.50	1/4	608.12	1/4	245.69	1/4		1/4		1/4	
1/2	2,412.30	1/2	2,049.86	1/2	1,687.41	1/2	1,324.96	1/2	962.96	1/2	600.57	1/2	238.14	1/2		1/2		1/2	
3/4	2,404.75	3/4	2,042.30	3/4	1,679.86	3/4	1,317.41	3/4	955.42	3/4	593.02	3/4	230.59	3/4		3/4		3/4	
7	2,397.20	7	2,034.75	7	1,672.31	7	1,309.86	7	947.88	7	585.47	7	223.04	7		7		7	
1/4	2,389.65	1/4	2,027.20	1/4	1,664.75	1/4	1,302.31	1/4	940.34	1/4	577.92	1/4	215.49	1/4		1/4		1/4	
1/2	2,382.10	1/2	2,019.65	1/2	1,657.20	1/2	1,294.76	1/2	932.80	1/2	570.37	1/2	207.94	1/2		1/2		1/2	
3/4	2,374.55	3/4	2,012.10	3/4	1,649.65	3/4	1,287.20	3/4	925.25	3/4	562.82	3/4	200.38	3/4		3/4		3/4	
8	2,367.00	8	2,004.55	8	1,642.10	8	1,279.65	8	917.70	8	555.27	8	192.83	8		8		8	
1/4	2,359.45	1/4	1,997.00	1/4	1,634.55	1/4	1,272.10	1/4	910.15	1/4	547.72	1/4	185.28	1/4		1/4		1/4	
1/2	2,351.90	1/2	1,989.45	1/2	1,627.00	1/2	1,264.55	1/2	902.60	1/2	540.17	1/2	177.73	1/2		1/2		1/2	
3/4	2,344.34	3/4	1,981.90	3/4	1,619.45	3/4	1,257.00	3/4	895.05	3/4	532.62	3/4	170.18	3/4		3/4		3/4	
9	2,336.79	9	1,974.35	9	1,611.90	9	1,249.45	9	887.50	9	525.06	9	162.63	9		9		9	
1/4	2,329.24	1/4	1,966.79	1/4	1,604.35	1/4	1,241.90	1/4	879.95	1/4	517.51	1/4	155.08	1/4		1/4		1/4	
1/2	2,321.69	1/2	1,959.24	1/2	1,596.80	1/2	1,234.35	1/2	872.40	1/2	509.96	1/2	147.53	1/2		1/2		1/2	
3/4	2,314.14	3/4	1,951.69	3/4	1,589.24	3/4	1,226.82	3/4	864.85	3/4	502.41	3/4	139.98	3/4		3/4		3/4	
10	2,306.59	10	1,944.14	10	1,581.69	10	1,219.28	10	857.30	10	494.86	10	132.43	10		10		10	
1/4	2,299.04	1/4	1,936.59	1/4	1,574.14	1/4	1,211.74	1/4	849.75	1/4	487.31	1/4	124.88	1/4		1/4		1/4	
1/2	2,291.49	1/2	1,929.04	1/2	1,566.59	1/2	1,204.20	1/2	842.19	1/2	479.76	1/2	117.33	1/2		1/2		1/2	
3/4	2,283.94	3/4	1,921.49	3/4	1,559.04	3/4	1,196.66	3/4	834.64	3/4	472.21	3/4	109.86	3/4		3/4		3/4	
11	2,276.39	11	1,913.94	11	1,551.49	11	1,189.12	11	827.09	11	464.66	11	102.38	11		11		11	
1/4	2,268.83	1/4	1,906.39	1/4	1,543.94	1/4	1,181.58	1/4	819.54	1/4	457.11	1/4	94.91	1/4		1/4		1/4	
1/2	2,261.28	1/2	1,898.84	1/2	1,536.39	1/2	1,174.04	1/2	811.99	1/2	449.56	1/2	87.44	1/2		1/2		1/2	
3/4	2,253.73	3/4	1,891.28	3/4	1,528.84	3/4	1,166.51	3/4	804.44	3/4	442.01	3/4	80.68	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2012 CL - SW
RE CALCULATED: 04/30/2014 SW
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 30113"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-03"

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		0	5,155.36	0	4,795.49	0	4,433.40	0	4,071.08	0	3,708.77	0	3,346.46	0	2,984.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,147.91	1/4	4,787.97	1/4	4,425.85	1/4	4,063.54	1/4	3,701.22	1/4	3,338.91	1/4	2,976.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,140.46	1/2	4,780.46	1/2	4,418.30	1/2	4,055.99	1/2	3,693.67	1/2	3,331.36	1/2	2,969.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,133.01	3/4	4,772.94	3/4	4,410.75	3/4	4,048.44	3/4	3,686.13	3/4	3,323.81	3/4	2,961.50
1		1		1		1	5,125.56	1	4,765.42	1	4,403.20	1	4,040.89	1	3,678.58	1	3,316.26	1	2,953.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,118.11	1/4	4,757.89	1/4	4,395.66	1/4	4,033.34	1/4	3,671.03	1/4	3,308.72	1/4	2,946.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,110.66	1/2	4,750.37	1/2	4,388.11	1/2	4,025.79	1/2	3,663.48	1/2	3,301.17	1/2	2,938.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,103.21	3/4	4,742.85	3/4	4,380.56	3/4	4,018.25	3/4	3,655.93	3/4	3,293.62	3/4	2,931.31
2		2		2		2	5,095.76	2	4,735.33	2	4,373.01	2	4,010.70	2	3,648.38	2	3,286.07	2	2,923.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,088.31	1/4	4,727.78	1/4	4,365.46	1/4	4,003.15	1/4	3,640.84	1/4	3,278.52	1/4	2,916.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,080.86	1/2	4,720.23	1/2	4,357.92	1/2	3,995.60	1/2	3,633.29	1/2	3,270.97	1/2	2,908.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,073.41	3/4	4,712.68	3/4	4,350.37	3/4	3,988.05	3/4	3,625.74	3/4	3,263.43	3/4	2,901.11
3		3		3		3	5,065.96	3	4,705.13	3	4,342.82	3	3,980.51	3	3,618.19	3	3,255.88	3	2,893.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,058.50	1/4	4,697.58	1/4	4,335.27	1/4	3,972.96	1/4	3,610.64	1/4	3,248.33	1/4	2,886.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,051.04	1/2	4,690.04	1/2	4,327.72	1/2	3,965.41	1/2	3,603.10	1/2	3,240.78	1/2	2,878.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,043.58	3/4	4,682.49	3/4	4,320.17	3/4	3,957.86	3/4	3,595.55	3/4	3,233.23	3/4	2,870.92
4		4		4		4	5,036.12	4	4,674.94	4	4,312.63	4	3,950.31	4	3,588.00	4	3,225.69	4	2,863.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,028.60	1/4	4,667.39	1/4	4,305.08	1/4	3,942.76	1/4	3,580.45	1/4	3,218.14	1/4	2,855.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,021.08	1/2	4,659.84	1/2	4,297.53	1/2	3,935.22	1/2	3,572.90	1/2	3,210.59	1/2	2,848.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,013.56	3/4	4,652.30	3/4	4,289.98	3/4	3,927.67	3/4	3,565.35	3/4	3,203.04	3/4	2,840.73
5		5		5		5	5,006.04	5	4,644.75	5	4,282.43	5	3,920.12	5	3,557.81	5	3,195.49	5	2,833.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,998.52	1/4	4,637.20	1/4	4,274.88	1/4	3,912.57	1/4	3,550.26	1/4	3,187.94	1/4	2,825.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,990.99	1/2	4,629.65	1/2	4,267.34	1/2	3,905.02	1/2	3,542.71	1/2	3,180.40	1/2	2,818.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,983.47	3/4	4,622.10	3/4	4,259.79	3/4	3,897.47	3/4	3,535.16	3/4	3,172.85	3/4	2,810.53
6		6		6		6	4,975.95	6	4,614.55	6	4,252.24	6	3,889.93	6	3,527.61	6	3,165.30	6	2,802.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,968.43	1/4	4,607.01	1/4	4,244.69	1/4	3,882.38	1/4	3,520.06	1/4	3,157.75	1/4	2,795.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,960.91	1/2	4,599.46	1/2	4,237.14	1/2	3,874.83	1/2	3,512.52	1/2	3,150.20	1/2	2,787.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,953.39	3/4	4,591.91	3/4	4,229.60	3/4	3,867.28	3/4	3,504.97	3/4	3,142.65	3/4	2,780.34
7		7		7	5,283.37	7	4,945.88	7	4,584.36	7	4,222.05	7	3,859.73	7	3,497.42	7	3,135.11	7	2,772.79
1/4	1/4	1/4	1/4	1/4	5,278.88	1/4	4,938.36	1/4	4,576.81	1/4	4,214.50	1/4	3,852.19	1/4	3,489.87	1/4	3,127.56	1/4	2,765.24
1/2	1/2	1/2	1/2	1/2	5,274.40	1/2	4,930.84	1/2	4,569.26	1/2	4,206.95	1/2	3,844.64	1/2	3,482.32	1/2	3,120.01	1/2	2,757.70
3/4	3/4	3/4	3/4	3/4	5,269.91	3/4	4,923.32	3/4	4,561.72	3/4	4,199.40	3/4	3,837.09	3/4	3,474.78	3/4	3,112.46	3/4	2,750.15
8		8		8	5,265.43	8	4,915.80	8	4,554.17	8	4,191.85	8	3,829.54	8	3,467.23	8	3,104.91	8	2,742.60
1/4	1/4	1/4	1/4	1/4	5,259.71	1/4	4,908.28	1/4	4,546.62	1/4	4,184.31	1/4	3,821.99	1/4	3,459.68	1/4	3,097.37	1/4	2,735.05
1/2	1/2	1/2	1/2	1/2	5,253.99	1/2	4,900.76	1/2	4,539.07	1/2	4,176.76	1/2	3,814.44	1/2	3,452.13	1/2	3,089.82	1/2	2,727.50
3/4	3/4	3/4	3/4	3/4	5,248.27	3/4	4,893.24	3/4	4,531.52	3/4	4,169.21	3/4	3,806.90	3/4	3,444.58	3/4	3,082.27	3/4	2,719.96
9		9		9	5,242.55	9	4,885.72	9	4,523.98	9	4,161.66	9	3,799.35	9	3,437.03	9	3,074.72	9	2,712.41
1/4	1/4	1/4	1/4	1/4	5,235.65	1/4	4,878.20	1/4	4,516.43	1/4	4,154.11	1/4	3,791.80	1/4	3,429.49	1/4	3,067.17	1/4	2,704.86
1/2	1/2	1/2	1/2	1/2	5,228.75	1/2	4,870.68	1/2	4,508.88	1/2	4,146.57	1/2	3,784.25	1/2	3,421.94	1/2	3,059.62	1/2	2,697.31
3/4	3/4	3/4	3/4	3/4	5,221.86	3/4	4,863.17	3/4	4,501.33	3/4	4,139.02	3/4	3,776.70	3/4	3,414.39	3/4	3,052.08	3/4	2,689.76
10		10		10	5,214.96	10	4,855.65	10	4,493.78	10	4,131.47	10	3,769.16	10	3,406.84	10	3,044.53	10	2,682.21
1/4	1/4	1/4	1/4	1/4	5,207.51	1/4	4,848.13	1/4	4,486.23	1/4	4,123.92	1/4	3,761.61	1/4	3,399.29	1/4	3,036.98	1/4	2,674.67
1/2	1/2	1/2	1/2	1/2	5,200.06	1/2	4,840.61	1/2	4,478.69	1/2	4,116.37	1/2	3,754.06	1/2	3,391.75	1/2	3,029.43	1/2	2,667.12
3/4	3/4	3/4	3/4	3/4	5,192.61	3/4	4,833.09	3/4	4,471.14	3/4	4,108.82	3/4	3,746.51	3/4	3,384.20	3/4	3,021.88	3/4	2,659.57
11		11		11	5,185.16	11	4,825.57	11	4,463.59	11	4,101.28	11	3,738.96	11	3,376.65	11	3,014.34	11	2,652.02
1/4	1/4	1/4	1/4	1/4	5,177.71	1/4	4,818.05	1/4	4,456.04	1/4	4,093.73	1/4	3,731.41	1/4	3,369.10	1/4	3,006.79	1/4	2,644.47
1/2	1/2	1/2	1/2	1/2	5,170.26	1/2	4,810.53	1/2	4,448.49	1/2	4,086.18	1/2	3,723.87	1/2	3,361.55	1/2	2,999.24	1/2	2,636.93
3/4	3/4	3/4	3/4	3/4	5,162.81	3/4	4,803.01	3/4	4,440.95	3/4	4,078.63	3/4	3,716.32	3/4	3,354.00	3/4	2,991.69	3/4	2,629.38

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 WITH (HERMETIC CLOSED GAUGING DEVICE).
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 39'-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 "CTC 30113"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-03"

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	2,621.83	0	2,259.38	0	1,896.94	0	1,534.49	0	1,172.64	0	811.99	0	449.55	0	87.43	0		0	
1/4	2,614.28	1/4	2,251.83	1/4	1,889.38	1/4	1,526.94	1/4	1,165.14	1/4	804.44	1/4	442.00	1/4	80.67	1/4		1/4	
1/2	2,606.73	1/2	2,244.28	1/2	1,881.83	1/2	1,519.39	1/2	1,157.64	1/2	796.88	1/2	434.45	1/2	73.91	1/2		1/2	
3/4	2,599.18	3/4	2,236.73	3/4	1,874.28	3/4	1,511.83	3/4	1,150.14	3/4	789.33	3/4	426.90	3/4	67.14	3/4		3/4	
1	2,591.63	1	2,229.18	1	1,866.73	1	1,504.28	1	1,142.64	1	781.78	1	419.35	1	60.38	1		1	
1/4	2,584.08	1/4	2,221.63	1/4	1,859.18	1/4	1,496.73	1/4	1,135.14	1/4	774.23	1/4	411.80	1/4	54.87	1/4		1/4	
1/2	2,576.53	1/2	2,214.08	1/2	1,851.63	1/2	1,489.18	1/2	1,127.64	1/2	766.68	1/2	404.25	1/2	49.37	1/2		1/2	
3/4	2,568.97	3/4	2,206.53	3/4	1,844.08	3/4	1,481.63	3/4	1,120.14	3/4	759.13	3/4	396.70	3/4	43.86	3/4		3/4	
2	2,561.42	2	2,198.98	2	1,836.53	2	1,474.08	2	1,112.64	2	751.58	2	389.15	2	38.36	2		2	
1/4	2,553.87	1/4	2,191.42	1/4	1,828.98	1/4	1,466.53	1/4	1,105.14	1/4	744.03	1/4	381.60	1/4	34.11	1/4		1/4	
1/2	2,546.32	1/2	2,183.87	1/2	1,821.43	1/2	1,458.98	1/2	1,097.65	1/2	736.48	1/2	374.05	1/2	29.87	1/2		1/2	
3/4	2,538.77	3/4	2,176.32	3/4	1,813.87	3/4	1,451.43	3/4	1,090.15	3/4	728.93	3/4	366.49	3/4	25.62	3/4		3/4	
3	2,531.22	3	2,168.77	3	1,806.32	3	1,443.88	3	1,082.65	3	721.38	3	358.94	3	21.38	3		3	
1/4	2,523.67	1/4	2,161.22	1/4	1,798.77	1/4	1,436.32	1/4	1,075.15	1/4	713.83	1/4	351.39	1/4		1/4		1/4	
1/2	2,516.12	1/2	2,153.67	1/2	1,791.22	1/2	1,428.77	1/2	1,067.65	1/2	706.28	1/2	343.84	1/2		1/2		1/2	
3/4	2,508.57	3/4	2,146.12	3/4	1,783.67	3/4	1,421.22	3/4	1,060.15	3/4	698.73	3/4	336.29	3/4		3/4		3/4	
4	2,501.02	4	2,138.57	4	1,776.12	4	1,413.67	4	1,052.65	4	691.17	4	328.74	4		4		4	
1/4	2,493.46	1/4	2,131.02	1/4	1,768.57	1/4	1,406.12	1/4	1,045.15	1/4	683.62	1/4	321.19	1/4		1/4		1/4	
1/2	2,485.91	1/2	2,123.47	1/2	1,761.02	1/2	1,398.57	1/2	1,037.65	1/2	676.07	1/2	313.64	1/2		1/2		1/2	
3/4	2,478.36	3/4	2,115.91	3/4	1,753.47	3/4	1,391.02	3/4	1,030.15	3/4	668.52	3/4	306.09	3/4		3/4		3/4	
5	2,470.81	5	2,108.36	5	1,745.92	5	1,383.47	5	1,022.65	5	660.97	5	298.54	5		5		5	
1/4	2,463.26	1/4	2,100.81	1/4	1,738.36	1/4	1,375.92	1/4	1,015.15	1/4	653.42	1/4	290.99	1/4		1/4		1/4	
1/2	2,455.71	1/2	2,093.26	1/2	1,730.81	1/2	1,368.37	1/2	1,007.65	1/2	645.87	1/2	283.44	1/2		1/2		1/2	
3/4	2,448.16	3/4	2,085.71	3/4	1,723.26	3/4	1,360.81	3/4	1,000.16	3/4	638.32	3/4	275.89	3/4		3/4		3/4	
6	2,440.61	6	2,078.16	6	1,715.71	6	1,353.26	6	992.66	6	630.77	6	268.34	6		6		6	
1/4	2,433.06	1/4	2,070.61	1/4	1,708.16	1/4	1,345.71	1/4	985.16	1/4	623.22	1/4	260.78	1/4		1/4		1/4	
1/2	2,425.51	1/2	2,063.06	1/2	1,700.61	1/2	1,338.16	1/2	977.66	1/2	615.67	1/2	253.23	1/2		1/2		1/2	
3/4	2,417.95	3/4	2,055.51	3/4	1,693.06	3/4	1,330.61	3/4	970.16	3/4	608.12	3/4	245.68	3/4		3/4		3/4	
7	2,410.40	7	2,047.96	7	1,685.51	7	1,323.06	7	962.66	7	600.57	7	238.13	7		7		7	
1/4	2,402.85	1/4	2,040.40	1/4	1,677.96	1/4	1,315.51	1/4	955.16	1/4	593.02	1/4	230.58	1/4		1/4		1/4	
1/2	2,395.30	1/2	2,032.85	1/2	1,670.41	1/2	1,307.96	1/2	947.66	1/2	585.46	1/2	223.03	1/2		1/2		1/2	
3/4	2,387.75	3/4	2,025.30	3/4	1,662.85	3/4	1,300.41	3/4	940.16	3/4	577.91	3/4	215.48	3/4		3/4		3/4	
8	2,380.20	8	2,017.75	8	1,655.30	8	1,292.86	8	932.66	8	570.36	8	207.93	8		8		8	
1/4	2,372.65	1/4	2,010.20	1/4	1,647.75	1/4	1,285.31	1/4	925.14	1/4	562.81	1/4	200.38	1/4		1/4		1/4	
1/2	2,365.10	1/2	2,002.65	1/2	1,640.20	1/2	1,277.76	1/2	917.63	1/2	555.26	1/2	192.83	1/2		1/2		1/2	
3/4	2,357.55	3/4	1,995.10	3/4	1,632.65	3/4	1,270.22	3/4	910.11	3/4	547.71	3/4	185.28	3/4		3/4		3/4	
9	2,350.00	9	1,987.55	9	1,625.10	9	1,262.67	9	902.59	9	540.16	9	177.73	9		9		9	
1/4	2,342.44	1/4	1,980.00	1/4	1,617.55	1/4	1,255.16	1/4	895.04	1/4	532.61	1/4	170.18	1/4		1/4		1/4	
1/2	2,334.89	1/2	1,972.45	1/2	1,610.00	1/2	1,247.65	1/2	887.49	1/2	525.06	1/2	162.63	1/2		1/2		1/2	
3/4	2,327.34	3/4	1,964.89	3/4	1,602.45	3/4	1,240.14	3/4	879.94	3/4	517.51	3/4	155.08	3/4		3/4		3/4	
10	2,319.79	10	1,957.34	10	1,594.90	10	1,232.63	10	872.39	10	509.96	10	147.52	10		10		10	
1/4	2,312.24	1/4	1,949.79	1/4	1,587.34	1/4	1,225.13	1/4	864.84	1/4	502.41	1/4	139.97	1/4		1/4		1/4	
1/2	2,304.69	1/2	1,942.24	1/2	1,579.79	1/2	1,217.63	1/2	857.29	1/2	494.86	1/2	132.42	1/2		1/2		1/2	
3/4	2,297.14	3/4	1,934.69	3/4	1,572.24	3/4	1,210.13	3/4	849.74	3/4	487.31	3/4	124.87	3/4		3/4		3/4	
11	2,289.59	11	1,927.14	11	1,564.69	11	1,202.63	11	842.19	11	479.76	11	117.32	11		11		11	
1/4	2,282.04	1/4	1,919.59	1/4	1,557.14	1/4	1,195.13	1/4	834.64	1/4	472.20	1/4	109.85	1/4		1/4		1/4	
1/2	2,274.49	1/2	1,912.04	1/2	1,549.59	1/2	1,187.64	1/2	827.09	1/2	464.65	1/2	102.38	1/2		1/2		1/2	
3/4	2,266.93	3/4	1,904.49	3/4	1,542.04	3/4	1,180.14	3/4	819.54	3/4	457.10	3/4	94.91	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2012 CL - SW
RE CALCULATED: 04/30/2014 SW
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 30113"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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	IN	0
							5,127.55		4,768.59		4,407.48		4,046.21		3,684.94		3,323.67		2,962.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,120.12	1/4	4,761.09	1/4	4,399.96	1/4	4,038.68	1/4	3,677.41	1/4	3,316.14	1/4	2,954.87		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,112.69	1/2	4,753.59	1/2	4,392.43	1/2	4,031.16	1/2	3,669.89	1/2	3,308.61	1/2	2,947.34		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,105.26	3/4	4,746.09	3/4	4,384.90	3/4	4,023.63	3/4	3,662.36	3/4	3,301.09	3/4	2,939.82		
1	1	1	1	1	1	1	5,097.83	1	4,738.59	1	4,377.38	1	4,016.11	1	3,654.83	1	3,293.56	1	2,932.29		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,090.41	1/4	4,731.10	1/4	4,369.85	1/4	4,008.58	1/4	3,647.31	1/4	3,286.03	1/4	2,924.76		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,082.98	1/2	4,723.60	1/2	4,362.32	1/2	4,001.05	1/2	3,639.78	1/2	3,278.51	1/2	2,917.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,075.55	3/4	4,716.07	3/4	4,354.80	3/4	3,993.53	3/4	3,632.25	3/4	3,270.98	3/4	2,909.71		
2	2	2	2	2	2	2	5,068.12	2	4,708.54	2	4,347.27	2	3,986.00	2	3,624.73	2	3,263.46	2	2,902.18		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,060.69	1/4	4,701.02	1/4	4,339.74	1/4	3,978.47	1/4	3,617.20	1/4	3,255.93	1/4	2,894.66		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,053.27	1/2	4,693.49	1/2	4,332.22	1/2	3,970.95	1/2	3,609.67	1/2	3,248.40	1/2	2,887.13		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,045.83	3/4	4,685.96	3/4	4,324.69	3/4	3,963.42	3/4	3,602.15	3/4	3,240.88	3/4	2,879.60		
3	3	3	3	3	3	3	5,038.39	3	4,678.44	3	4,317.17	3	3,955.89	3	3,594.62	3	3,233.35	3	2,872.08		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,030.95	1/4	4,670.91	1/4	4,309.64	1/4	3,948.37	1/4	3,587.09	1/4	3,225.82	1/4	2,864.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,023.52	1/2	4,663.38	1/2	4,302.11	1/2	3,940.84	1/2	3,579.57	1/2	3,218.30	1/2	2,857.02		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,016.02	3/4	4,655.86	3/4	4,294.59	3/4	3,933.31	3/4	3,572.04	3/4	3,210.77	3/4	2,849.50		
4	4	4	4	4	4	4	5,008.52	4	4,648.33	4	4,287.06	4	3,925.79	4	3,564.52	4	3,203.24	4	2,841.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,001.02	1/4	4,640.80	1/4	4,279.53	1/4	3,918.26	1/4	3,556.99	1/4	3,195.72	1/4	2,834.44		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,993.52	1/2	4,633.28	1/2	4,272.01	1/2	3,910.73	1/2	3,549.46	1/2	3,188.19	1/2	2,826.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,986.02	3/4	4,625.75	3/4	4,264.48	3/4	3,903.21	3/4	3,541.94	3/4	3,180.66	3/4	2,819.39		
5	5	5	5	5	5	5	4,978.52	5	4,618.23	5	4,256.95	5	3,895.68	5	3,534.41	5	3,173.14	5	2,811.87		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,971.02	1/4	4,610.70	1/4	4,249.43	1/4	3,888.15	1/4	3,526.88	1/4	3,165.61	1/4	2,804.34		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,963.52	1/2	4,603.17	1/2	4,241.90	1/2	3,880.63	1/2	3,519.36	1/2	3,158.08	1/2	2,796.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,956.02	3/4	4,595.65	3/4	4,234.37	3/4	3,873.10	3/4	3,511.83	3/4	3,150.56	3/4	2,789.29		
6	6	6	6	6	6	6	4,948.53	6	4,588.12	6	4,226.85	6	3,865.58	6	3,504.30	6	3,143.03	6	2,781.76		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,941.03	1/4	4,580.59	1/4	4,219.32	1/4	3,858.05	1/4	3,496.78	1/4	3,135.50	1/4	2,774.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,270.04	1/2	4,933.53	1/2	4,573.07	1/2	4,211.79	1/2	3,850.52	1/2	3,489.25	1/2	3,127.98	1/2	2,766.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,265.57	3/4	4,926.03	3/4	4,565.54	3/4	4,204.27	3/4	3,843.00	3/4	3,481.72	3/4	3,120.45	3/4	2,759.18
7	7	7	7	7	7	7	5,261.10	7	4,918.54	7	4,558.01	7	4,196.74	7	3,835.47	7	3,474.20	7	3,112.93	7	2,751.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,256.62	1/4	4,911.04	1/4	4,550.49	1/4	4,189.21	1/4	3,827.94	1/4	3,466.67	1/4	3,105.40	1/4	2,744.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,252.15	1/2	4,903.54	1/2	4,542.96	1/2	4,181.69	1/2	3,820.42	1/2	3,459.14	1/2	3,097.87	1/2	2,736.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,246.45	3/4	4,896.04	3/4	4,535.43	3/4	4,174.16	3/4	3,812.89	3/4	3,451.62	3/4	3,090.35	3/4	2,729.07
8	8	8	8	8	8	8	5,240.75	8	4,888.55	8	4,527.91	8	4,166.64	8	3,805.36	8	3,444.09	8	3,082.82	8	2,721.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,235.04	1/4	4,881.05	1/4	4,520.38	1/4	4,159.11	1/4	3,797.84	1/4	3,436.56	1/4	3,075.29	1/4	2,714.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,229.34	1/2	4,873.55	1/2	4,512.85	1/2	4,151.58	1/2	3,790.31	1/2	3,429.04	1/2	3,067.77	1/2	2,706.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,222.46	3/4	4,866.05	3/4	4,505.33	3/4	4,144.06	3/4	3,782.78	3/4	3,421.51	3/4	3,060.24	3/4	2,698.97
9	9	9	9	9	9	9	5,215.59	9	4,858.56	9	4,497.80	9	4,136.53	9	3,775.26	9	3,413.99	9	3,052.71	9	2,691.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,208.71	1/4	4,851.06	1/4	4,490.27	1/4	4,129.00	1/4	3,767.73	1/4	3,406.46	1/4	3,045.19	1/4	2,683.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,201.83	1/2	4,843.56	1/2	4,482.75	1/2	4,121.48	1/2	3,760.20	1/2	3,398.93	1/2	3,037.66	1/2	2,676.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,194.40	3/4	4,836.06	3/4	4,475.22	3/4	4,113.95	3/4	3,752.68	3/4	3,391.41	3/4	3,030.13	3/4	2,668.86
10	10	10	10	10	10	10	5,186.97	10	4,828.57	10	4,467.70	10	4,106.42	10	3,745.15	10	3,383.88	10	3,022.61	10	2,661.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,179.55	1/4	4,821.07	1/4	4,460.17	1/4	4,098.90	1/4	3,737.62	1/4	3,376.35	1/4	3,015.08	1/4	2,653.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,172.12	1/2	4,813.57	1/2	4,452.64	1/2	4,091.37	1/2	3,730.10	1/2	3,368.83	1/2	3,007.55	1/2	2,646.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,164.69	3/4	4,806.08	3/4	4,445.12	3/4	4,083.84	3/4	3,722.57	3/4	3,361.30	3/4	3,000.03	3/4	2,638.76
11	11	11	11	11	11	11	5,157.26	11	4,798.58	11	4,437.59	11	4,076.32	11	3,715.05	11	3,353.77	11	2,992.50	11	2,631.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,149.83	1/4	4,791.08	1/4	4,430.06	1/4	4,068.79	1/4	3,707.52	1/4	3,346.25	1/4	2,984.97	1/4	2,623.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,142.40	1/2	4,783.58	1/2	4,422.54	1/2	4,061.26	1/2	3,699.99	1/2	3,338.72	1/2	2,977.45	1/2	2,616.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,134.98	3/4	4,776.09	3/4	4,415.01	3/4	4,053.74	3/4	3,692.47	3/4	3,331.19	3/4	2,969.92	3/4	2,608.65

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 WITH (HERMETIC CLOSED GAUGING DEVICE).
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 39'-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 "CTC 30113"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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	2,601.13	0	2,239.72	0	1,878.31	0	1,516.91	0	1,155.63	0	794.60	0	433.21	0	73.70	0		0	
1/4	2,593.60	1/4	2,232.19	1/4	1,870.78	1/4	1,509.38	1/4	1,148.11	1/4	787.07	1/4	425.68	1/4	66.95	1/4		1/4	
1/2	2,586.07	1/2	2,224.66	1/2	1,863.25	1/2	1,501.85	1/2	1,140.60	1/2	779.54	1/2	418.15	1/2	60.21	1/2		1/2	
3/4	2,578.54	3/4	2,217.13	3/4	1,855.72	3/4	1,494.32	3/4	1,133.08	3/4	772.01	3/4	410.62	3/4	54.72	3/4		3/4	
1	2,571.01	1	2,209.60	1	1,848.20	1	1,486.79	1	1,125.56	1	764.48	1	403.09	1	49.23	1		1	
1/4	2,563.48	1/4	2,202.07	1/4	1,840.67	1/4	1,479.26	1/4	1,118.05	1/4	756.95	1/4	395.56	1/4	43.74	1/4		1/4	
1/2	2,555.95	1/2	2,194.54	1/2	1,833.14	1/2	1,471.73	1/2	1,110.53	1/2	749.42	1/2	388.03	1/2	38.25	1/2		1/2	
3/4	2,548.42	3/4	2,187.01	3/4	1,825.61	3/4	1,464.20	3/4	1,103.01	3/4	741.89	3/4	380.50	3/4	34.02	3/4		3/4	
2	2,540.89	2	2,179.48	2	1,818.08	2	1,456.67	2	1,095.49	2	734.37	2	372.97	2	29.78	2		2	
1/4	2,533.36	1/4	2,171.96	1/4	1,810.55	1/4	1,449.14	1/4	1,087.98	1/4	726.84	1/4	365.44	1/4	25.55	1/4		1/4	
1/2	2,525.83	1/2	2,164.43	1/2	1,803.02	1/2	1,441.61	1/2	1,080.46	1/2	719.31	1/2	357.92	1/2	21.32	1/2		1/2	
3/4	2,518.30	3/4	2,156.90	3/4	1,795.49	3/4	1,434.08	3/4	1,072.94	3/4	711.78	3/4	350.39	3/4		3/4		3/4	
3	2,510.77	3	2,149.37	3	1,787.96	3	1,426.55	3	1,065.43	3	704.25	3	342.86	3		3		3	
1/4	2,503.24	1/4	2,141.84	1/4	1,780.43	1/4	1,419.03	1/4	1,057.91	1/4	696.72	1/4	335.33	1/4		1/4		1/4	
1/2	2,495.72	1/2	2,134.31	1/2	1,772.90	1/2	1,411.50	1/2	1,050.39	1/2	689.19	1/2	327.80	1/2		1/2		1/2	
3/4	2,488.19	3/4	2,126.78	3/4	1,765.37	3/4	1,403.97	3/4	1,042.88	3/4	681.66	3/4	320.27	3/4		3/4		3/4	
4	2,480.66	4	2,119.25	4	1,757.84	4	1,396.44	4	1,035.36	4	674.13	4	312.74	4		4		4	
1/4	2,473.13	1/4	2,111.72	1/4	1,750.31	1/4	1,388.91	1/4	1,027.84	1/4	666.60	1/4	305.21	1/4		1/4		1/4	
1/2	2,465.60	1/2	2,104.19	1/2	1,742.79	1/2	1,381.38	1/2	1,020.32	1/2	659.08	1/2	297.68	1/2		1/2		1/2	
3/4	2,458.07	3/4	2,096.66	3/4	1,735.26	3/4	1,373.85	3/4	1,012.81	3/4	651.55	3/4	290.15	3/4		3/4		3/4	
5	2,450.54	5	2,089.13	5	1,727.73	5	1,366.32	5	1,005.29	5	644.02	5	282.63	5		5		5	
1/4	2,443.01	1/4	2,081.60	1/4	1,720.20	1/4	1,358.79	1/4	997.77	1/4	636.49	1/4	275.10	1/4		1/4		1/4	
1/2	2,435.48	1/2	2,074.07	1/2	1,712.67	1/2	1,351.26	1/2	990.26	1/2	628.96	1/2	267.57	1/2		1/2		1/2	
3/4	2,427.95	3/4	2,066.55	3/4	1,705.14	3/4	1,343.73	3/4	982.74	3/4	621.43	3/4	260.04	3/4		3/4		3/4	
6	2,420.42	6	2,059.02	6	1,697.61	6	1,336.20	6	975.22	6	613.90	6	252.51	6		6		6	
1/4	2,412.89	1/4	2,051.49	1/4	1,690.08	1/4	1,328.67	1/4	967.71	1/4	606.37	1/4	244.98	1/4		1/4		1/4	
1/2	2,405.36	1/2	2,043.96	1/2	1,682.55	1/2	1,321.14	1/2	960.19	1/2	598.84	1/2	237.45	1/2		1/2		1/2	
3/4	2,397.83	3/4	2,036.43	3/4	1,675.02	3/4	1,313.62	3/4	952.67	3/4	591.31	3/4	229.92	3/4		3/4		3/4	
7	2,390.31	7	2,028.90	7	1,667.49	7	1,306.09	7	945.15	7	583.79	7	222.39	7		7		7	
1/4	2,382.78	1/4	2,021.37	1/4	1,659.96	1/4	1,298.56	1/4	937.64	1/4	576.26	1/4	214.86	1/4		1/4		1/4	
1/2	2,375.25	1/2	2,013.84	1/2	1,652.43	1/2	1,291.03	1/2	930.12	1/2	568.73	1/2	207.34	1/2		1/2		1/2	
3/4	2,367.72	3/4	2,006.31	3/4	1,644.90	3/4	1,283.50	3/4	922.59	3/4	561.20	3/4	199.81	3/4		3/4		3/4	
8	2,360.19	8	1,998.78	8	1,637.38	8	1,275.97	8	915.06	8	553.67	8	192.28	8		8		8	
1/4	2,352.66	1/4	1,991.25	1/4	1,629.85	1/4	1,268.44	1/4	907.53	1/4	546.14	1/4	184.75	1/4		1/4		1/4	
1/2	2,345.13	1/2	1,983.72	1/2	1,622.32	1/2	1,260.91	1/2	900.00	1/2	538.61	1/2	177.22	1/2		1/2		1/2	
3/4	2,337.60	3/4	1,976.19	3/4	1,614.79	3/4	1,253.38	3/4	892.47	3/4	531.08	3/4	169.69	3/4		3/4		3/4	
9	2,330.07	9	1,968.66	9	1,607.26	9	1,245.86	9	884.95	9	523.55	9	162.16	9		9		9	
1/4	2,322.54	1/4	1,961.13	1/4	1,599.73	1/4	1,238.33	1/4	877.42	1/4	516.02	1/4	154.63	1/4		1/4		1/4	
1/2	2,315.01	1/2	1,953.61	1/2	1,592.20	1/2	1,230.80	1/2	869.89	1/2	508.50	1/2	147.10	1/2		1/2		1/2	
3/4	2,307.48	3/4	1,946.08	3/4	1,584.67	3/4	1,223.28	3/4	862.36	3/4	500.97	3/4	139.57	3/4		3/4		3/4	
10	2,299.95	10	1,938.55	10	1,577.14	10	1,215.77	10	854.83	10	493.44	10	132.05	10		10		10	
1/4	2,292.42	1/4	1,931.02	1/4	1,569.61	1/4	1,208.25	1/4	847.30	1/4	485.91	1/4	124.52	1/4		1/4		1/4	
1/2	2,284.89	1/2	1,923.49	1/2	1,562.08	1/2	1,200.73	1/2	839.77	1/2	478.38	1/2	116.99	1/2		1/2		1/2	
3/4	2,277.37	3/4	1,915.96	3/4	1,554.55	3/4	1,193.22	3/4	832.24	3/4	470.85	3/4	109.54	3/4		3/4		3/4	
11	2,269.84	11	1,908.43	11	1,547.02	11	1,185.70	11	824.71	11	463.32	11	102.09	11		11		11	
1/4	2,262.31	1/4	1,900.90	1/4	1,539.49	1/4	1,178.18	1/4	817.18	1/4	455.79	1/4	94.64	1/4		1/4		1/4	
1/2	2,254.78	1/2	1,893.37	1/2	1,531.96	1/2	1,170.66	1/2	809.66	1/2	448.26	1/2	87.19	1/2		1/2		1/2	
3/4	2,247.25	3/4	1,885.84	3/4	1,524.44	3/4	1,163.15	3/4	802.13	3/4	440.73	3/4	80.44	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2012 CL - SW
RE CALCULATED: 04/30/2014 SW
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 30113"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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		0	5,106.68	0	4,747.48	0	4,386.16	0	4,024.72	0	3,663.27	0	3,301.83	0	2,940.38	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,099.25	1/4	4,739.98	1/4	4,378.63	1/4	4,017.19	1/4	3,655.74	1/4	3,294.30	1/4	2,932.85	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,091.81	1/2	4,732.47	1/2	4,371.10	1/2	4,009.66	1/2	3,648.21	1/2	3,286.77	1/2	2,925.32	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,084.38	3/4	4,724.97	3/4	4,363.57	3/4	4,002.13	3/4	3,640.68	3/4	3,279.24	3/4	2,917.79	
1		1		1		1	5,076.95	1	4,717.46	1	4,356.04	1	3,994.60	1	3,633.15	1	3,271.71	1	2,910.26	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,069.52	1/4	4,709.96	1/4	4,348.51	1/4	3,987.07	1/4	3,625.62	1/4	3,264.18	1/4	2,902.73	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,062.09	1/2	4,702.43	1/2	4,340.98	1/2	3,979.54	1/2	3,618.09	1/2	3,256.65	1/2	2,895.20	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,054.65	3/4	4,694.90	3/4	4,333.45	3/4	3,972.01	3/4	3,610.56	3/4	3,249.12	3/4	2,887.67	
2		2		2		2	5,047.22	2	4,687.37	2	4,325.92	2	3,964.48	2	3,603.03	2	3,241.59	2	2,880.14	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,039.79	1/4	4,679.84	1/4	4,318.39	1/4	3,956.95	1/4	3,595.50	1/4	3,234.06	1/4	2,872.61	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,032.35	1/2	4,672.31	1/2	4,310.86	1/2	3,949.42	1/2	3,587.97	1/2	3,226.53	1/2	2,865.08	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,024.91	3/4	4,664.78	3/4	4,303.33	3/4	3,941.89	3/4	3,580.44	3/4	3,219.00	3/4	2,857.55	
3		3		3		3	5,017.47	3	4,657.25	3	4,295.80	3	3,934.36	3	3,572.91	3	3,211.47	3	2,850.02	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,010.03	1/4	4,649.72	1/4	4,288.27	1/4	3,926.83	1/4	3,565.38	1/4	3,203.94	1/4	2,842.49	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,002.53	1/2	4,642.19	1/2	4,280.74	1/2	3,919.30	1/2	3,557.85	1/2	3,196.41	1/2	2,834.96	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,995.02	3/4	4,634.66	3/4	4,273.21	3/4	3,911.77	3/4	3,550.32	3/4	3,188.88	3/4	2,827.43	
4		4		4		4	4,987.52	4	4,627.13	4	4,265.68	4	3,904.24	4	3,542.79	4	3,181.35	4	2,819.90	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,980.02	1/4	4,619.60	1/4	4,258.15	1/4	3,896.71	1/4	3,535.26	1/4	3,173.82	1/4	2,812.37	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,972.51	1/2	4,612.07	1/2	4,250.62	1/2	3,889.18	1/2	3,527.73	1/2	3,166.29	1/2	2,804.84	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,965.01	3/4	4,604.54	3/4	4,243.09	3/4	3,881.65	3/4	3,520.20	3/4	3,158.76	3/4	2,797.31	
5		5		5		5	4,957.51	5	4,597.01	5	4,235.56	5	3,874.12	5	3,512.67	5	3,151.23	5	2,789.78	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,950.00	1/4	4,589.48	1/4	4,228.03	1/4	3,866.59	1/4	3,505.14	1/4	3,143.70	1/4	2,782.25	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,942.50	1/2	4,581.95	1/2	4,220.50	1/2	3,859.06	1/2	3,497.61	1/2	3,136.17	1/2	2,774.72	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,935.00	3/4	4,574.42	3/4	4,212.97	3/4	3,851.53	3/4	3,490.08	3/4	3,128.64	3/4	2,767.19	
6		6		6		6	4,927.50	6	4,566.89	6	4,205.44	6	3,844.00	6	3,482.55	6	3,121.11	6	2,759.66	
1/4	1/4	1/4	5,256.67	1/4	4,920.00	1/4	4,559.36	1/4	4,197.91	1/4	3,836.47	1/4	3,475.02	1/4	3,113.58	1/4	2,752.13			
1/2	1/2	1/2	5,252.20	1/2	4,912.50	1/2	4,551.83	1/2	4,190.38	1/2	3,828.94	1/2	3,467.49	1/2	3,106.05	1/2	2,744.60			
3/4	3/4	3/4	5,247.72	3/4	4,905.00	3/4	4,544.29	3/4	4,182.85	3/4	3,821.41	3/4	3,459.96	3/4	3,098.52	3/4	2,737.07			
7		7	5,243.25	7	4,897.50	7	4,536.76	7	4,175.32	7	3,813.88	7	3,452.43	7	3,090.99	7	2,729.54			
1/4	1/4	1/4	5,238.77	1/4	4,890.00	1/4	4,529.23	1/4	4,167.79	1/4	3,806.35	1/4	3,444.90	1/4	3,083.46	1/4	2,722.01			
1/2	1/2	1/2	5,233.07	1/2	4,882.49	1/2	4,521.70	1/2	4,160.26	1/2	3,798.82	1/2	3,437.37	1/2	3,075.93	1/2	2,714.48			
3/4	3/4	3/4	5,227.36	3/4	4,874.99	3/4	4,514.17	3/4	4,152.73	3/4	3,791.28	3/4	3,429.84	3/4	3,068.40	3/4	2,706.95			
8		8	5,221.66	8	4,867.49	8	4,506.64	8	4,145.20	8	3,783.75	8	3,422.31	8	3,060.87	8	2,699.42			
1/4	1/4	1/4	5,215.95	1/4	4,859.99	1/4	4,499.11	1/4	4,137.67	1/4	3,776.22	1/4	3,414.78	1/4	3,053.34	1/4	2,691.89			
1/2	1/2	1/2	5,209.07	1/2	4,852.49	1/2	4,491.58	1/2	4,130.14	1/2	3,768.69	1/2	3,407.25	1/2	3,045.81	1/2	2,684.36			
3/4	3/4	3/4	5,202.19	3/4	4,844.99	3/4	4,484.05	3/4	4,122.61	3/4	3,761.16	3/4	3,399.72	3/4	3,038.28	3/4	2,676.83			
9		9	5,195.31	9	4,837.49	9	4,476.52	9	4,115.08	9	3,753.63	9	3,392.19	9	3,030.74	9	2,669.30			
1/4	1/4	1/4	5,188.43	1/4	4,829.99	1/4	4,468.99	1/4	4,107.55	1/4	3,746.10	1/4	3,384.66	1/4	3,023.21	1/4	2,661.77			
1/2	1/2	1/2	5,181.00	1/2	4,822.49	1/2	4,461.46	1/2	4,100.02	1/2	3,738.57	1/2	3,377.13	1/2	3,015.68	1/2	2,654.24			
3/4	3/4	3/4	5,173.56	3/4	4,814.99	3/4	4,453.93	3/4	4,092.49	3/4	3,731.04	3/4	3,369.60	3/4	3,008.15	3/4	2,646.71			
10		10	5,166.13	10	4,807.48	10	4,446.40	10	4,084.96	10	3,723.51	10	3,362.07	10	3,000.62	10	2,639.18			
1/4	1/4	1/4	5,158.70	1/4	4,799.98	1/4	4,438.87	1/4	4,077.43	1/4	3,715.98	1/4	3,354.54	1/4	2,993.09	1/4	2,631.65			
1/2	1/2	1/2	5,151.27	1/2	4,792.48	1/2	4,431.34	1/2	4,069.90	1/2	3,708.45	1/2	3,347.01	1/2	2,985.56	1/2	2,624.12			
3/4	3/4	3/4	5,143.84	3/4	4,784.98	3/4	4,423.81	3/4	4,062.37	3/4	3,700.92	3/4	3,339.48	3/4	2,978.03	3/4	2,616.58			
11		11	5,136.40	11	4,777.48	11	4,416.28	11	4,054.84	11	3,693.39	11	3,331.95	11	2,970.50	11	2,609.05			
1/4	1/4	1/4	5,128.97	1/4	4,769.98	1/4	4,408.75	1/4	4,047.31	1/4	3,685.86	1/4	3,324.42	1/4	2,962.97	1/4	2,601.52			
1/2	1/2	1/2	5,121.54	1/2	4,762.48	1/2	4,401.22	1/2	4,039.78	1/2	3,678.33	1/2	3,316.89	1/2	2,955.44	1/2	2,593.98			
3/4	3/4	3/4	5,114.11	3/4	4,754.98	3/4	4,393.69	3/4	4,032.25	3/4	3,670.80	3/4	3,309.36	3/4	2,947.91	3/4	2,586.45			

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 WITH (HERMETIC CLOSED GAUGING DEVICE).
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 39'-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 "CTC 30113"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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	2,578.92	0	2,217.34	0	1,855.77	0	1,494.19	0	1,137.90	0	787.44	0	425.88	0	66.98	0		0	
1/4	2,571.38	1/4	2,209.81	1/4	1,848.24	1/4	1,486.66	1/4	1,130.71	1/4	779.91	1/4	418.35	1/4	60.24	1/4		1/4	
1/2	2,563.85	1/2	2,202.28	1/2	1,840.70	1/2	1,479.13	1/2	1,123.52	1/2	772.38	1/2	410.81	1/2	54.74	1/2		1/2	
3/4	2,556.32	3/4	2,194.74	3/4	1,833.17	3/4	1,471.60	3/4	1,116.33	3/4	764.85	3/4	403.28	3/4	49.25	3/4		3/4	
1	2,548.79	1	2,187.21	1	1,825.64	1	1,464.06	1	1,109.14	1	757.31	1	395.75	1	43.76	1		1	
1/4	2,541.25	1/4	2,179.68	1/4	1,818.10	1/4	1,456.53	1/4	1,101.95	1/4	749.78	1/4	388.22	1/4	38.27	1/4		1/4	
1/2	2,533.72	1/2	2,172.15	1/2	1,810.57	1/2	1,449.00	1/2	1,094.76	1/2	742.25	1/2	380.68	1/2	34.03	1/2		1/2	
3/4	2,526.19	3/4	2,164.61	3/4	1,803.04	3/4	1,441.46	3/4	1,087.57	3/4	734.72	3/4	373.15	3/4	29.80	3/4		3/4	
2	2,518.65	2	2,157.08	2	1,795.51	2	1,433.93	2	1,080.38	2	727.18	2	365.62	2	25.56	2		2	
1/4	2,511.12	1/4	2,149.55	1/4	1,787.97	1/4	1,426.40	1/4	1,073.19	1/4	719.65	1/4	358.09	1/4	21.33	1/4		1/4	
1/2	2,503.59	1/2	2,142.01	1/2	1,780.44	1/2	1,418.87	1/2	1,066.00	1/2	712.12	1/2	350.55	1/2		1/2		1/2	
3/4	2,496.06	3/4	2,134.48	3/4	1,772.91	3/4	1,411.33	3/4	1,058.81	3/4	704.59	3/4	343.02	3/4		3/4		3/4	
3	2,488.52	3	2,126.95	3	1,765.37	3	1,403.80	3	1,051.63	3	697.05	3	335.49	3		3		3	
1/4	2,480.99	1/4	2,119.42	1/4	1,757.84	1/4	1,396.27	1/4	1,044.44	1/4	689.52	1/4	327.96	1/4		1/4		1/4	
1/2	2,473.46	1/2	2,111.88	1/2	1,750.31	1/2	1,388.73	1/2	1,037.25	1/2	681.99	1/2	320.42	1/2		1/2		1/2	
3/4	2,465.92	3/4	2,104.35	3/4	1,742.78	3/4	1,381.20	3/4	1,030.06	3/4	674.46	3/4	312.89	3/4		3/4		3/4	
4	2,458.39	4	2,096.82	4	1,735.24	4	1,373.67	4	1,022.87	4	666.92	4	305.36	4		4		4	
1/4	2,450.86	1/4	2,089.28	1/4	1,727.71	1/4	1,366.14	1/4	1,015.68	1/4	659.39	1/4	297.83	1/4		1/4		1/4	
1/2	2,443.33	1/2	2,081.75	1/2	1,720.18	1/2	1,358.60	1/2	1,008.49	1/2	651.86	1/2	290.29	1/2		1/2		1/2	
3/4	2,435.79	3/4	2,074.22	3/4	1,712.64	3/4	1,351.07	3/4	1,001.30	3/4	644.32	3/4	282.76	3/4		3/4		3/4	
5	2,428.26	5	2,066.69	5	1,705.11	5	1,343.54	5	994.11	5	636.79	5	275.23	5		5		5	
1/4	2,420.73	1/4	2,059.15	1/4	1,697.58	1/4	1,336.00	1/4	986.92	1/4	629.26	1/4	267.69	1/4		1/4		1/4	
1/2	2,413.20	1/2	2,051.62	1/2	1,690.05	1/2	1,328.47	1/2	979.73	1/2	621.73	1/2	260.16	1/2		1/2		1/2	
3/4	2,405.66	3/4	2,044.09	3/4	1,682.51	3/4	1,320.94	3/4	972.54	3/4	614.19	3/4	252.63	3/4		3/4		3/4	
6	2,398.13	6	2,036.56	6	1,674.98	6	1,313.41	6	965.35	6	606.66	6	245.10	6		6		6	
1/4	2,390.60	1/4	2,029.02	1/4	1,667.45	1/4	1,305.87	1/4	958.16	1/4	599.13	1/4	237.56	1/4		1/4		1/4	
1/2	2,383.06	1/2	2,021.49	1/2	1,659.92	1/2	1,298.34	1/2	950.97	1/2	591.60	1/2	230.03	1/2		1/2		1/2	
3/4	2,375.53	3/4	2,013.96	3/4	1,652.38	3/4	1,290.81	3/4	943.78	3/4	584.06	3/4	222.50	3/4		3/4		3/4	
7	2,368.00	7	2,006.42	7	1,644.85	7	1,283.28	7	936.59	7	576.53	7	214.97	7		7		7	
1/4	2,360.47	1/4	1,998.89	1/4	1,637.32	1/4	1,275.74	1/4	929.40	1/4	569.00	1/4	207.43	1/4		1/4		1/4	
1/2	2,352.93	1/2	1,991.36	1/2	1,629.78	1/2	1,268.25	1/2	922.16	1/2	561.47	1/2	199.90	1/2		1/2		1/2	
3/4	2,345.40	3/4	1,983.83	3/4	1,622.25	3/4	1,260.76	3/4	914.92	3/4	553.93	3/4	192.37	3/4		3/4		3/4	
8	2,337.87	8	1,976.29	8	1,614.72	8	1,253.27	8	907.68	8	546.40	8	184.84	8		8		8	
1/4	2,330.33	1/4	1,968.76	1/4	1,607.19	1/4	1,245.78	1/4	900.43	1/4	538.87	1/4	177.30	1/4		1/4		1/4	
1/2	2,322.80	1/2	1,961.23	1/2	1,599.65	1/2	1,238.58	1/2	892.90	1/2	531.34	1/2	169.77	1/2		1/2		1/2	
3/4	2,315.27	3/4	1,953.69	3/4	1,592.12	3/4	1,231.38	3/4	885.37	3/4	523.80	3/4	162.24	3/4		3/4		3/4	
9	2,307.74	9	1,946.16	9	1,584.59	9	1,224.18	9	877.84	9	516.27	9	154.71	9		9		9	
1/4	2,300.20	1/4	1,938.63	1/4	1,577.05	1/4	1,216.98	1/4	870.30	1/4	508.74	1/4	147.17	1/4		1/4		1/4	
1/2	2,292.67	1/2	1,931.10	1/2	1,569.52	1/2	1,209.79	1/2	862.77	1/2	501.21	1/2	139.64	1/2		1/2		1/2	
3/4	2,285.14	3/4	1,923.56	3/4	1,561.99	3/4	1,202.60	3/4	855.24	3/4	493.67	3/4	132.11	3/4		3/4		3/4	
10	2,277.60	10	1,916.03	10	1,554.46	10	1,195.41	10	847.71	10	486.14	10	124.58	10		10		10	
1/4	2,270.07	1/4	1,908.50	1/4	1,546.92	1/4	1,188.22	1/4	840.17	1/4	478.61	1/4	117.04	1/4		1/4		1/4	
1/2	2,262.54	1/2	1,900.96	1/2	1,539.39	1/2	1,181.03	1/2	832.64	1/2	471.08	1/2	109.59	1/2		1/2		1/2	
3/4	2,255.01	3/4	1,893.43	3/4	1,531.86	3/4	1,173.84	3/4	825.11	3/4	463.54	3/4	102.13	3/4		3/4		3/4	
11	2,247.47	11	1,885.90	11	1,524.32	11	1,166.65	11	817.57	11	456.01	11	94.68	11		11		11	
1/4	2,239.94	1/4	1,878.37	1/4	1,516.79	1/4	1,159.46	1/4	810.04	1/4	448.48	1/4	87.23	1/4		1/4		1/4	
1/2	2,232.41	1/2	1,870.83	1/2	1,509.26	1/2	1,152.28	1/2	802.51	1/2	440.94	1/2	80.48	1/2		1/2		1/2	
3/4	2,224.88	3/4	1,863.30	3/4	1,501.73	3/4	1,145.09	3/4	794.98	3/4	433.41	3/4	73.73	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2012 CL - SW
RE CALCULATED: 04/30/2014 SW
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 30113"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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	IN	0
							4,366.30		4,173.86		3,980.29		3,786.63		3,592.98		3,308.48		2,950.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,362.32	1/4	4,169.84	1/4	3,976.26	1/4	3,782.60	1/4	3,588.94	1/4	3,301.03	1/4	2,942.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,358.34	1/2	4,165.82	1/2	3,972.22	1/2	3,778.57	1/2	3,584.91	1/2	3,293.58	1/2	2,935.08		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,354.36	3/4	4,161.80	3/4	3,968.19	3/4	3,774.53	3/4	3,580.87	3/4	3,286.13	3/4	2,927.60		
1	1	1	1	1	1	1	4,350.38	1	4,157.78	1	3,964.15	1	3,770.50	1	3,576.84	1	3,278.68	1	2,920.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,346.40	1/4	4,153.76	1/4	3,960.12	1/4	3,766.46	1/4	3,572.81	1/4	3,271.24	1/4	2,912.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,342.41	1/2	4,149.74	1/2	3,956.08	1/2	3,762.43	1/2	3,568.77	1/2	3,263.79	1/2	2,905.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,338.43	3/4	4,145.70	3/4	3,952.05	3/4	3,758.39	3/4	3,564.74	3/4	3,256.34	3/4	2,897.66		
2	2	2	2	2	2	2	4,334.45	2	4,141.67	2	3,948.01	2	3,754.36	2	3,560.70	2	3,248.89	2	2,890.18		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,330.47	1/4	4,137.64	1/4	3,943.98	1/4	3,750.32	1/4	3,556.67	1/4	3,241.44	1/4	2,882.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,326.49	1/2	4,133.60	1/2	3,939.95	1/2	3,746.29	1/2	3,552.63	1/2	3,233.99	1/2	2,875.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,322.50	3/4	4,129.57	3/4	3,935.91	3/4	3,742.25	3/4	3,548.60	3/4	3,226.54	3/4	2,867.73		
3	3	3	3	3	3	3	4,318.51	3	4,125.53	3	3,931.88	3	3,738.22	3	3,544.56	3	3,219.10	3	2,860.25		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,314.53	1/4	4,121.50	1/4	3,927.84	1/4	3,734.19	1/4	3,540.53	1/4	3,211.65	1/4	2,852.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,310.54	1/2	4,117.46	1/2	3,923.81	1/2	3,730.15	1/2	3,536.50	1/2	3,204.20	1/2	2,845.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,306.52	3/4	4,113.43	3/4	3,919.77	3/4	3,726.12	3/4	3,532.46	3/4	3,196.75	3/4	2,837.80		
4	4	4	4	4	4	4	4,302.50	4	4,109.39	4	3,915.74	4	3,722.08	4	3,528.43	4	3,189.30	4	2,830.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,298.48	1/4	4,105.36	1/4	3,911.70	1/4	3,718.05	1/4	3,524.39	1/4	3,181.85	1/4	2,822.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,294.46	1/2	4,101.33	1/2	3,907.67	1/2	3,714.01	1/2	3,520.36	1/2	3,174.40	1/2	2,815.35		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,290.44	3/4	4,097.29	3/4	3,903.63	3/4	3,709.98	3/4	3,515.89	3/4	3,166.95	3/4	2,807.87		
5	5	5	5	5	5	5	4,286.42	5	4,093.26	5	3,899.60	5	3,705.94	5	3,511.43	5	3,159.50	5	2,800.39		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,282.40	1/4	4,089.22	1/4	3,895.57	1/4	3,701.91	1/4	3,506.97	1/4	3,152.05	1/4	2,792.90		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,278.38	1/2	4,085.19	1/2	3,891.53	1/2	3,697.88	1/2	3,502.51	1/2	3,144.59	1/2	2,785.42		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,274.36	3/4	4,081.15	3/4	3,887.50	3/4	3,693.84	3/4	3,495.04	3/4	3,137.11	3/4	2,777.92		
6	6	6	6	6	6	6	4,270.34	6	4,077.12	6	3,883.46	6	3,689.81	6	3,487.58	6	3,129.63	6	2,770.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,266.32	1/4	4,073.08	1/4	3,879.43	1/4	3,685.77	1/4	3,480.11	1/4	3,122.15	1/4	2,762.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,433.02	1/2	4,262.30	1/2	4,069.05	1/2	3,875.39	1/2	3,681.74	1/2	3,472.65	1/2	3,114.66	1/2	2,755.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,431.99	3/4	4,258.28	3/4	4,065.01	3/4	3,871.36	3/4	3,677.70	3/4	3,465.18	3/4	3,107.18	3/4	2,747.93
7	7	7	7	7	7	7	4,430.97	7	4,254.26	7	4,060.98	7	3,867.32	7	3,673.67	7	3,457.72	7	3,099.70	7	2,740.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,429.94	1/4	4,250.24	1/4	4,056.95	1/4	3,863.29	1/4	3,669.63	1/4	3,450.26	1/4	3,092.21	1/4	2,732.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,428.92	1/2	4,246.22	1/2	4,052.91	1/2	3,859.26	1/2	3,665.60	1/2	3,442.79	1/2	3,084.73	1/2	2,725.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,426.65	3/4	4,242.20	3/4	4,048.88	3/4	3,855.22	3/4	3,661.56	3/4	3,435.33	3/4	3,077.25	3/4	2,717.95
8	8	8	8	8	8	8	4,424.39	8	4,238.18	8	4,044.84	8	3,851.19	8	3,657.53	8	3,427.86	8	3,069.77	8	2,710.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,422.12	1/4	4,234.16	1/4	4,040.81	1/4	3,847.15	1/4	3,653.50	1/4	3,420.40	1/4	3,062.28	1/4	2,702.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,419.86	1/2	4,230.14	1/2	4,036.77	1/2	3,843.12	1/2	3,649.46	1/2	3,412.94	1/2	3,054.80	1/2	2,695.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,416.42	3/4	4,226.12	3/4	4,032.74	3/4	3,839.08	3/4	3,645.43	3/4	3,405.47	3/4	3,047.32	3/4	2,687.97
9	9	9	9	9	9	9	4,412.99	9	4,222.10	9	4,028.70	9	3,835.05	9	3,641.39	9	3,398.01	9	3,039.84	9	2,680.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,409.55	1/4	4,218.08	1/4	4,024.67	1/4	3,831.01	1/4	3,637.36	1/4	3,390.54	1/4	3,032.35	1/4	2,672.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,406.12	1/2	4,214.06	1/2	4,020.64	1/2	3,826.98	1/2	3,633.32	1/2	3,383.08	1/2	3,024.87	1/2	2,665.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,402.14	3/4	4,210.04	3/4	4,016.60	3/4	3,822.94	3/4	3,629.29	3/4	3,375.62	3/4	3,017.39	3/4	2,657.99
10	10	10	10	10	10	10	4,398.15	10	4,206.02	10	4,012.57	10	3,818.91	10	3,625.25	10	3,368.15	10	3,009.90	10	2,650.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,394.17	1/4	4,202.00	1/4	4,008.53	1/4	3,814.88	1/4	3,621.22	1/4	3,360.69	1/4	3,002.42	1/4	2,643.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,390.19	1/2	4,197.98	1/2	4,004.50	1/2	3,810.84	1/2	3,617.19	1/2	3,353.22	1/2	2,994.94	1/2	2,635.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,386.21	3/4	4,193.96	3/4	4,000.46	3/4	3,806.81	3/4	3,613.15	3/4	3,345.76	3/4	2,987.46	3/4	2,628.00
11	11	11	11	11	11	11	4,382.23	11	4,189.94	11	3,996.43	11	3,802.77	11	3,609.12	11	3,338.30	11	2,979.97	11	2,620.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,378.25	1/4	4,185.92	1/4	3,992.39	1/4	3,798.74	1/4	3,605.08	1/4	3,330.84	1/4	2,972.49	1/4	2,613.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,374.27	1/2	4,181.90	1/2	3,988.36	1/2	3,794.70	1/2	3,601.05	1/2	3,323.37	1/2	2,965.01	1/2	2,605.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,370.28	3/4	4,177.88	3/4	3,984.32	3/4	3,790.67	3/4	3,597.01	3/4	3,315.93	3/4	2,957.53	3/4	2,598.02

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 WITH (HERMETIC CLOSED GAUGING DEVICE).
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 54'-00" 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 "CTC 30113"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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	2,590.52	0	2,230.68	0	1,870.78	0	1,510.85	0	1,150.99	0	791.36	0	431.44	0	73.40	0		0	
1/4	2,583.02	1/4	2,223.18	1/4	1,863.28	1/4	1,503.35	1/4	1,143.50	1/4	783.86	1/4	423.94	1/4	66.68	1/4		1/4	
1/2	2,575.53	1/2	2,215.68	1/2	1,855.79	1/2	1,495.85	1/2	1,136.01	1/2	776.36	1/2	416.45	1/2	59.96	1/2		1/2	
3/4	2,568.03	3/4	2,208.18	3/4	1,848.29	3/4	1,488.35	3/4	1,128.52	3/4	768.87	3/4	408.95	3/4	54.50	3/4		3/4	
1	2,560.53	1	2,200.69	1	1,840.79	1	1,480.86	1	1,121.03	1	761.37	1	401.45	1	49.03	1		1	
1/4	2,553.04	1/4	2,193.19	1/4	1,833.29	1/4	1,473.36	1/4	1,113.54	1/4	753.87	1/4	393.95	1/4	43.56	1/4		1/4	
1/2	2,545.54	1/2	2,185.69	1/2	1,825.79	1/2	1,465.86	1/2	1,106.05	1/2	746.37	1/2	386.45	1/2	38.10	1/2		1/2	
3/4	2,538.04	3/4	2,178.20	3/4	1,818.29	3/4	1,458.36	3/4	1,098.57	3/4	738.87	3/4	378.95	3/4	33.88	3/4		3/4	
2	2,530.55	2	2,170.70	2	1,810.79	2	1,450.86	2	1,091.08	2	731.37	2	371.46	2	29.66	2		2	
1/4	2,523.05	1/4	2,163.20	1/4	1,803.30	1/4	1,443.36	1/4	1,083.59	1/4	723.88	1/4	363.96	1/4	25.45	1/4		1/4	
1/2	2,515.55	1/2	2,155.71	1/2	1,795.80	1/2	1,435.86	1/2	1,076.10	1/2	716.38	1/2	356.46	1/2	21.23	1/2		1/2	
3/4	2,508.06	3/4	2,148.21	3/4	1,788.30	3/4	1,428.37	3/4	1,068.61	3/4	708.88	3/4	348.96	3/4		3/4		3/4	
3	2,500.56	3	2,140.71	3	1,780.80	3	1,420.87	3	1,061.12	3	701.38	3	341.46	3		3		3	
1/4	2,493.06	1/4	2,133.22	1/4	1,773.30	1/4	1,413.37	1/4	1,053.63	1/4	693.88	1/4	333.96	1/4		1/4		1/4	
1/2	2,485.57	1/2	2,125.72	1/2	1,765.80	1/2	1,405.87	1/2	1,046.14	1/2	686.38	1/2	326.47	1/2		1/2		1/2	
3/4	2,478.07	3/4	2,118.22	3/4	1,758.30	3/4	1,398.37	3/4	1,038.65	3/4	678.89	3/4	318.97	3/4		3/4		3/4	
4	2,470.57	4	2,110.73	4	1,750.81	4	1,390.87	4	1,031.16	4	671.39	4	311.47	4		4		4	
1/4	2,463.08	1/4	2,103.23	1/4	1,743.31	1/4	1,383.37	1/4	1,023.67	1/4	663.89	1/4	303.97	1/4		1/4		1/4	
1/2	2,455.58	1/2	2,095.73	1/2	1,735.81	1/2	1,375.88	1/2	1,016.18	1/2	656.39	1/2	296.47	1/2		1/2		1/2	
3/4	2,448.08	3/4	2,088.24	3/4	1,728.31	3/4	1,368.38	3/4	1,008.70	3/4	648.89	3/4	288.97	3/4		3/4		3/4	
5	2,440.59	5	2,080.74	5	1,720.81	5	1,360.88	5	1,001.21	5	641.39	5	281.48	5		5		5	
1/4	2,433.09	1/4	2,073.24	1/4	1,713.31	1/4	1,353.38	1/4	993.72	1/4	633.90	1/4	273.98	1/4		1/4		1/4	
1/2	2,425.59	1/2	2,065.75	1/2	1,705.81	1/2	1,345.88	1/2	986.23	1/2	626.40	1/2	266.48	1/2		1/2		1/2	
3/4	2,418.10	3/4	2,058.25	3/4	1,698.31	3/4	1,338.38	3/4	978.74	3/4	618.90	3/4	258.98	3/4		3/4		3/4	
6	2,410.60	6	2,050.75	6	1,690.82	6	1,330.88	6	971.25	6	611.40	6	251.48	6		6		6	
1/4	2,403.10	1/4	2,043.25	1/4	1,683.32	1/4	1,323.38	1/4	963.76	1/4	603.90	1/4	243.98	1/4		1/4		1/4	
1/2	2,395.60	1/2	2,035.75	1/2	1,675.82	1/2	1,315.89	1/2	956.27	1/2	596.40	1/2	236.49	1/2		1/2		1/2	
3/4	2,388.11	3/4	2,028.25	3/4	1,668.32	3/4	1,308.39	3/4	948.78	3/4	588.91	3/4	228.99	3/4		3/4		3/4	
7	2,380.61	7	2,020.75	7	1,660.82	7	1,300.89	7	941.29	7	581.41	7	221.49	7		7		7	
1/4	2,373.11	1/4	2,013.26	1/4	1,653.32	1/4	1,293.39	1/4	933.80	1/4	573.91	1/4	213.99	1/4		1/4		1/4	
1/2	2,365.62	1/2	2,005.76	1/2	1,645.82	1/2	1,285.89	1/2	926.31	1/2	566.41	1/2	206.49	1/2		1/2		1/2	
3/4	2,358.12	3/4	1,998.26	3/4	1,638.33	3/4	1,278.39	3/4	918.82	3/4	558.91	3/4	198.99	3/4		3/4		3/4	
8	2,350.62	8	1,990.76	8	1,630.83	8	1,270.89	8	911.32	8	551.41	8	191.50	8		8		8	
1/4	2,343.13	1/4	1,983.26	1/4	1,623.33	1/4	1,263.40	1/4	903.83	1/4	543.92	1/4	184.00	1/4		1/4		1/4	
1/2	2,335.63	1/2	1,975.76	1/2	1,615.83	1/2	1,255.90	1/2	896.34	1/2	536.42	1/2	176.50	1/2		1/2		1/2	
3/4	2,328.13	3/4	1,968.26	3/4	1,608.33	3/4	1,248.40	3/4	888.84	3/4	528.92	3/4	169.00	3/4		3/4		3/4	
9	2,320.64	9	1,960.77	9	1,600.83	9	1,240.90	9	881.34	9	521.42	9	161.50	9		9		9	
1/4	2,313.14	1/4	1,953.27	1/4	1,593.33	1/4	1,233.40	1/4	873.84	1/4	513.92	1/4	154.00	1/4		1/4		1/4	
1/2	2,305.64	1/2	1,945.77	1/2	1,585.84	1/2	1,225.90	1/2	866.34	1/2	506.42	1/2	146.51	1/2		1/2		1/2	
3/4	2,298.15	3/4	1,938.27	3/4	1,578.34	3/4	1,218.41	3/4	858.84	3/4	498.93	3/4	139.01	3/4		3/4		3/4	
10	2,290.65	10	1,930.77	10	1,570.84	10	1,210.91	10	851.35	10	491.43	10	131.51	10		10		10	
1/4	2,283.15	1/4	1,923.27	1/4	1,563.34	1/4	1,203.42	1/4	843.85	1/4	483.93	1/4	124.01	1/4		1/4		1/4	
1/2	2,275.66	1/2	1,915.77	1/2	1,555.84	1/2	1,195.93	1/2	836.35	1/2	476.43	1/2	116.51	1/2		1/2		1/2	
3/4	2,268.16	3/4	1,908.28	3/4	1,548.34	3/4	1,188.44	3/4	828.85	3/4	468.93	3/4	109.09	3/4		3/4		3/4	
11	2,260.66	11	1,900.78	11	1,540.84	11	1,180.95	11	821.35	11	461.43	11	101.67	11		11		11	
1/4	2,253.17	1/4	1,893.28	1/4	1,533.35	1/4	1,173.46	1/4	813.86	1/4	453.94	1/4	94.25	1/4		1/4		1/4	
1/2	2,245.67	1/2	1,885.78	1/2	1,525.85	1/2	1,165.97	1/2	806.36	1/2	446.44	1/2	86.83	1/2		1/2		1/2	
3/4	2,238.17	3/4	1,878.28	3/4	1,518.35	3/4	1,158.48	3/4	798.86	3/4	438.94	3/4	80.12	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2012 CL - SW
RE CALCULATED: 04/30/2014 SW
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 30113"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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		0	4,336.67	0	4,145.00	0	3,952.19	0	3,759.30	0	3,566.41	0	3,282.72	0	2,925.27
1/4		1/4		1/4		1/4	4,332.71	1/4	4,141.00	1/4	3,948.18	1/4	3,755.28	1/4	3,562.39	1/4	3,275.29	1/4	2,917.81
1/2		1/2		1/2		1/2	4,328.74	1/2	4,136.99	1/2	3,944.16	1/2	3,751.26	1/2	3,558.37	1/2	3,267.86	1/2	2,910.35
3/4		3/4		3/4		3/4	4,324.78	3/4	4,132.99	3/4	3,940.14	3/4	3,747.25	3/4	3,554.35	3/4	3,260.42	3/4	2,902.89
1		1		1		1	4,320.81	1	4,128.98	1	3,936.12	1	3,743.23	1	3,550.33	1	3,252.99	1	2,895.43
1/4		1/4		1/4		1/4	4,316.84	1/4	4,124.98	1/4	3,932.10	1/4	3,739.21	1/4	3,546.32	1/4	3,245.56	1/4	2,887.98
1/2		1/2		1/2		1/2	4,312.88	1/2	4,120.98	1/2	3,928.08	1/2	3,735.19	1/2	3,542.30	1/2	3,238.13	1/2	2,880.52
3/4		3/4		3/4		3/4	4,308.91	3/4	4,116.96	3/4	3,924.06	3/4	3,731.17	3/4	3,538.28	3/4	3,230.70	3/4	2,873.05
2		2		2		2	4,304.95	2	4,112.94	2	3,920.05	2	3,727.15	2	3,534.26	2	3,223.27	2	2,865.59
1/4		1/4		1/4		1/4	4,300.98	1/4	4,108.92	1/4	3,916.03	1/4	3,723.13	1/4	3,530.24	1/4	3,215.84	1/4	2,858.12
1/2		1/2		1/2		1/2	4,297.02	1/2	4,104.90	1/2	3,912.01	1/2	3,719.12	1/2	3,526.22	1/2	3,208.41	1/2	2,850.66
3/4		3/4		3/4		3/4	4,293.05	3/4	4,100.88	3/4	3,907.99	3/4	3,715.10	3/4	3,522.20	3/4	3,200.98	3/4	2,843.19
3		3		3		3	4,289.08	3	4,096.86	3	3,903.97	3	3,711.08	3	3,518.19	3	3,223.55	3	2,835.73
1/4		1/4		1/4		1/4	4,285.11	1/4	4,092.85	1/4	3,899.95	1/4	3,707.06	1/4	3,514.17	1/4	3,186.12	1/4	2,828.26
1/2		1/2		1/2		1/2	4,281.14	1/2	4,088.83	1/2	3,895.93	1/2	3,703.04	1/2	3,510.15	1/2	3,178.68	1/2	2,820.80
3/4		3/4		3/4		3/4	4,277.13	3/4	4,084.81	3/4	3,891.92	3/4	3,699.02	3/4	3,506.13	3/4	3,171.25	3/4	2,813.33
4		4		4		4	4,273.13	4	4,080.79	4	3,887.90	4	3,695.00	4	3,502.11	4	3,163.82	4	2,805.87
1/4		1/4		1/4		1/4	4,269.12	1/4	4,076.77	1/4	3,883.88	1/4	3,690.99	1/4	3,498.09	1/4	3,156.39	1/4	2,798.40
1/2		1/2		1/2		1/2	4,265.12	1/2	4,072.75	1/2	3,879.86	1/2	3,686.97	1/2	3,494.07	1/2	3,148.96	1/2	2,790.94
3/4		3/4		3/4		3/4	4,261.12	3/4	4,068.73	3/4	3,875.84	3/4	3,682.95	3/4	3,489.63	3/4	3,141.53	3/4	2,783.47
5		5		5		5	4,257.11	5	4,064.72	5	3,871.82	5	3,678.93	5	3,485.18	5	3,134.09	5	2,776.00
1/4		1/4		1/4		1/4	4,253.11	1/4	4,060.70	1/4	3,867.80	1/4	3,674.91	1/4	3,480.73	1/4	3,126.65	1/4	2,768.54
1/2		1/2		1/2		1/2	4,249.10	1/2	4,056.68	1/2	3,863.79	1/2	3,670.89	1/2	3,476.28	1/2	3,119.22	1/2	2,761.07
3/4		3/4		3/4		3/4	4,245.10	3/4	4,052.66	3/4	3,859.77	3/4	3,666.87	3/4	3,468.84	3/4	3,111.75	3/4	2,753.59
6		6		6		6	4,241.10	6	4,048.64	6	3,855.75	6	3,662.86	6	3,461.39	6	3,104.29	6	2,746.11
1/4		1/4		1/4		1/4	4,237.09	1/4	4,044.62	1/4	3,851.73	1/4	3,658.84	1/4	3,453.95	1/4	3,096.82	1/4	2,738.63
1/2		1/2		1/2	4,403.05	1/2	4,233.09	1/2	4,040.60	1/2	3,847.71	1/2	3,654.82	1/2	3,446.50	1/2	3,089.36	1/2	2,731.15
3/4		3/4		3/4	4,402.04	3/4	4,229.08	3/4	4,036.59	3/4	3,843.69	3/4	3,650.80	3/4	3,439.05	3/4	3,081.90	3/4	2,723.67
7		7		7	4,401.03	7	4,225.08	7	4,032.57	7	3,839.67	7	3,646.78	7	3,431.61	7	3,074.43	7	2,716.20
1/4		1/4		1/4	4,400.01	1/4	4,221.08	1/4	4,028.55	1/4	3,835.66	1/4	3,642.76	1/4	3,424.16	1/4	3,066.97	1/4	2,708.72
1/2		1/2		1/2	4,399.00	1/2	4,217.07	1/2	4,024.53	1/2	3,831.64	1/2	3,638.74	1/2	3,416.71	1/2	3,059.50	1/2	2,701.24
3/4		3/4		3/4	4,396.75	3/4	4,213.07	3/4	4,020.51	3/4	3,827.62	3/4	3,634.73	3/4	3,409.27	3/4	3,052.05	3/4	2,693.76
8		8		8	4,394.51	8	4,209.06	8	4,016.49	8	3,823.60	8	3,630.71	8	3,401.82	8	3,044.59	8	2,686.28
1/4		1/4		1/4	4,392.26	1/4	4,205.06	1/4	4,012.47	1/4	3,819.58	1/4	3,626.69	1/4	3,394.37	1/4	3,037.13	1/4	2,678.81
1/2		1/2		1/2	4,390.01	1/2	4,201.06	1/2	4,008.46	1/2	3,815.56	1/2	3,622.67	1/2	3,386.93	1/2	3,029.67	1/2	2,671.33
3/4		3/4		3/4	4,386.59	3/4	4,197.05	3/4	4,004.44	3/4	3,811.54	3/4	3,618.65	3/4	3,379.48	3/4	3,022.22	3/4	2,663.85
9		9		9	4,383.17	9	4,193.05	9	4,000.42	9	3,807.53	9	3,614.63	9	3,372.04	9	3,014.76	9	2,656.37
1/4		1/4		1/4	4,379.75	1/4	4,189.04	1/4	3,996.40	1/4	3,803.51	1/4	3,610.61	1/4	3,364.59	1/4	3,007.30	1/4	2,648.90
1/2		1/2		1/2	4,376.33	1/2	4,185.04	1/2	3,992.38	1/2	3,799.49	1/2	3,606.60	1/2	3,357.14	1/2	2,999.84	1/2	2,641.42
3/4		3/4		3/4	4,372.36	3/4	4,181.04	3/4	3,988.36	3/4	3,795.47	3/4	3,602.58	3/4	3,349.70	3/4	2,992.39	3/4	2,633.94
10		10		10	4,368.40	10	4,177.03	10	3,984.34	10	3,791.45	10	3,598.56	10	3,342.25	10	2,984.93	10	2,626.46
1/4		1/4		1/4	4,364.43	1/4	4,173.03	1/4	3,980.32	1/4	3,787.43	1/4	3,594.54	1/4	3,334.80	1/4	2,977.47	1/4	2,618.98
1/2		1/2		1/2	4,360.47	1/2	4,169.02	1/2	3,976.31	1/2	3,783.41	1/2	3,590.52	1/2	3,327.36	1/2	2,970.01	1/2	2,611.51
3/4		3/4		3/4	4,356.50	3/4	4,165.02	3/4	3,972.29	3/4	3,779.40	3/4	3,586.50	3/4	3,319.91	3/4	2,962.55	3/4	2,604.03
11		11		11	4,352.54	11	4,161.02	11	3,968.27	11	3,775.38	11	3,582.48	11	3,312.47	11	2,955.10	11	2,596.55
1/4		1/4		1/4	4,348.57	1/4	4,157.01	1/4	3,964.25	1/4	3,771.36	1/4	3,578.47	1/4	3,305.02	1/4	2,947.64	1/4	2,589.07
1/2		1/2		1/2	4,344.60	1/2	4,153.01	1/2	3,960.23	1/2	3,767.34	1/2	3,574.45	1/2	3,297.58	1/2	2,940.18	1/2	2,581.59
3/4		3/4		3/4	4,340.64	3/4	4,149.00	3/4	3,956.21	3/4	3,763.32	3/4	3,570.43	3/4	3,290.15	3/4	2,932.72	3/4	2,574.11

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 WITH (HERMETIC CLOSED GAUGING DEVICE).
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 54'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CTC 30113"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "MACI BRYAN"

GAUGE HEIGHT 17'-02 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	2,566.63	0	2,207.63	0	1,848.59	0	1,489.51	0	1,134.06	0	789.79	0	430.60	0	73.29	0		0	
1/4	2,559.15	1/4	2,200.15	1/4	1,841.11	1/4	1,482.04	1/4	1,126.92	1/4	782.31	1/4	423.12	1/4	66.59	1/4		1/4	
1/2	2,551.67	1/2	2,192.67	1/2	1,833.62	1/2	1,474.57	1/2	1,119.77	1/2	774.83	1/2	415.64	1/2	59.90	1/2		1/2	
3/4	2,544.19	3/4	2,185.19	3/4	1,826.14	3/4	1,467.15	3/4	1,112.63	3/4	767.34	3/4	408.15	3/4	54.44	3/4		3/4	
1	2,536.72	1	2,177.71	1	1,818.66	1	1,459.73	1	1,105.48	1	759.86	1	400.67	1	48.99	1		1	
1/4	2,529.24	1/4	2,170.23	1/4	1,811.18	1/4	1,452.31	1/4	1,098.33	1/4	752.38	1/4	393.19	1/4	43.54	1/4		1/4	
1/2	2,521.76	1/2	2,162.76	1/2	1,803.70	1/2	1,444.89	1/2	1,091.19	1/2	744.89	1/2	385.70	1/2	38.08	1/2		1/2	
3/4	2,514.28	3/4	2,155.28	3/4	1,796.22	3/4	1,437.47	3/4	1,084.04	3/4	737.41	3/4	378.22	3/4	33.87	3/4		3/4	
2	2,506.80	2	2,147.80	2	1,788.74	2	1,430.05	2	1,076.90	2	729.93	2	370.74	2	29.65	2		2	
1/4	2,499.32	1/4	2,140.32	1/4	1,781.26	1/4	1,422.63	1/4	1,069.75	1/4	722.44	1/4	363.25	1/4	25.44	1/4		1/4	
1/2	2,491.84	1/2	2,132.84	1/2	1,773.78	1/2	1,415.21	1/2	1,062.61	1/2	714.96	1/2	355.77	1/2	21.22	1/2		1/2	
3/4	2,484.36	3/4	2,125.36	3/4	1,766.30	3/4	1,407.79	3/4	1,055.46	3/4	707.48	3/4	348.29	3/4		3/4		3/4	
3	2,476.88	3	2,117.88	3	1,758.81	3	1,400.37	3	1,048.31	3	699.99	3	340.81	3		3		3	
1/4	2,469.40	1/4	2,110.40	1/4	1,751.33	1/4	1,392.95	1/4	1,041.17	1/4	692.51	1/4	333.32	1/4		1/4		1/4	
1/2	2,461.92	1/2	2,102.92	1/2	1,743.85	1/2	1,385.53	1/2	1,034.02	1/2	685.03	1/2	325.84	1/2		1/2		1/2	
3/4	2,454.44	3/4	2,095.44	3/4	1,736.37	3/4	1,378.12	3/4	1,026.88	3/4	677.54	3/4	318.36	3/4		3/4		3/4	
4	2,446.97	4	2,087.96	4	1,728.89	4	1,370.70	4	1,019.73	4	670.06	4	310.87	4		4		4	
1/4	2,439.49	1/4	2,080.48	1/4	1,721.41	1/4	1,363.28	1/4	1,012.58	1/4	662.58	1/4	303.39	1/4		1/4		1/4	
1/2	2,432.01	1/2	2,073.01	1/2	1,713.93	1/2	1,355.86	1/2	1,005.44	1/2	655.10	1/2	295.91	1/2		1/2		1/2	
3/4	2,424.53	3/4	2,065.53	3/4	1,706.45	3/4	1,348.44	3/4	998.29	3/4	647.61	3/4	288.42	3/4		3/4		3/4	
5	2,417.05	5	2,058.05	5	1,698.97	5	1,341.02	5	991.15	5	640.13	5	280.94	5		5		5	
1/4	2,409.57	1/4	2,050.57	1/4	1,691.49	1/4	1,333.60	1/4	984.00	1/4	632.65	1/4	273.46	1/4		1/4		1/4	
1/2	2,402.09	1/2	2,043.09	1/2	1,684.00	1/2	1,326.18	1/2	976.86	1/2	625.16	1/2	265.97	1/2		1/2		1/2	
3/4	2,394.61	3/4	2,035.61	3/4	1,676.52	3/4	1,318.76	3/4	969.71	3/4	617.68	3/4	258.49	3/4		3/4		3/4	
6	2,387.13	6	2,028.13	6	1,669.04	6	1,311.34	6	962.56	6	610.20	6	251.01	6		6		6	
1/4	2,379.65	1/4	2,020.65	1/4	1,661.56	1/4	1,303.92	1/4	955.42	1/4	602.71	1/4	243.53	1/4		1/4		1/4	
1/2	2,372.17	1/2	2,013.17	1/2	1,654.08	1/2	1,296.50	1/2	948.27	1/2	595.23	1/2	236.04	1/2		1/2		1/2	
3/4	2,364.69	3/4	2,005.69	3/4	1,646.60	3/4	1,289.08	3/4	941.13	3/4	587.75	3/4	228.56	3/4		3/4		3/4	
7	2,357.21	7	1,998.21	7	1,639.12	7	1,281.66	7	933.98	7	580.26	7	221.08	7		7		7	
1/4	2,349.74	1/4	1,990.73	1/4	1,631.64	1/4	1,274.24	1/4	926.83	1/4	572.78	1/4	213.59	1/4		1/4		1/4	
1/2	2,342.26	1/2	1,983.24	1/2	1,624.16	1/2	1,266.83	1/2	919.69	1/2	565.30	1/2	206.11	1/2		1/2		1/2	
3/4	2,334.78	3/4	1,975.76	3/4	1,616.68	3/4	1,259.41	3/4	912.54	3/4	557.82	3/4	198.63	3/4		3/4		3/4	
8	2,327.30	8	1,968.28	8	1,609.19	8	1,251.99	8	905.38	8	550.33	8	191.14	8		8		8	
1/4	2,319.82	1/4	1,960.80	1/4	1,601.71	1/4	1,244.57	1/4	898.23	1/4	542.85	1/4	183.66	1/4		1/4		1/4	
1/2	2,312.34	1/2	1,953.32	1/2	1,594.23	1/2	1,237.16	1/2	891.08	1/2	535.37	1/2	176.18	1/2		1/2		1/2	
3/4	2,304.86	3/4	1,945.84	3/4	1,586.75	3/4	1,229.75	3/4	883.91	3/4	527.88	3/4	168.69	3/4		3/4		3/4	
9	2,297.38	9	1,938.36	9	1,579.27	9	1,222.35	9	876.74	9	520.40	9	161.21	9		9		9	
1/4	2,289.90	1/4	1,930.88	1/4	1,571.79	1/4	1,214.95	1/4	869.57	1/4	512.92	1/4	153.73	1/4		1/4		1/4	
1/2	2,282.42	1/2	1,923.40	1/2	1,564.31	1/2	1,207.55	1/2	862.40	1/2	505.43	1/2	146.24	1/2		1/2		1/2	
3/4	2,274.94	3/4	1,915.92	3/4	1,556.83	3/4	1,200.14	3/4	855.22	3/4	497.95	3/4	138.75	3/4		3/4		3/4	
10	2,267.46	10	1,908.43	10	1,549.35	10	1,192.74	10	848.05	10	490.47	10	131.27	10		10		10	
1/4	2,259.99	1/4	1,900.95	1/4	1,541.87	1/4	1,185.34	1/4	840.87	1/4	482.98	1/4	123.78	1/4		1/4		1/4	
1/2	2,252.51	1/2	1,893.47	1/2	1,534.38	1/2	1,177.93	1/2	833.70	1/2	475.50	1/2	116.29	1/2		1/2		1/2	
3/4	2,245.03	3/4	1,885.99	3/4	1,526.90	3/4	1,170.54	3/4	826.46	3/4	468.02	3/4	108.88	3/4		3/4		3/4	
11	2,237.55	11	1,878.51	11	1,519.42	11	1,163.14	11	819.23	11	460.53	11	101.48	11		11		11	
1/4	2,230.07	1/4	1,871.03	1/4	1,511.94	1/4	1,155.75	1/4	811.99	1/4	453.05	1/4	94.08	1/4		1/4		1/4	
1/2	2,222.59	1/2	1,863.55	1/2	1,504.46	1/2	1,148.35	1/2	804.76	1/2	445.57	1/2	86.67	1/2		1/2		1/2	
3/4	2,215.11	3/4	1,856.07	3/4	1,496.99	3/4	1,141.21	3/4	797.27	3/4	438.09	3/4	79.98	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2012 CL - SW
RE CALCULATED: 04/30/2014 SW
NAME CHANGE: 03/29/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 30113"

ULLAGE TRIM TABLE (HERMETIC)
FORMERLY "MACI BRYAN"

	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	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8
1 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8
2 PORT	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8
2 STBD	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8
3 PORT	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8
3 STBD	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-1/8	- 02-1/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8

(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 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 253'-03"

March 29, 2023

PRECISION MEASUREMENT
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