



BARGE "CTC29103"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
1 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 9, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC29103"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.18	0	260.47	0	543.05	0	847.97	0	1,174.94	0	1,507.01	0	1,839.07	0	2,171.08	0	2,503.01	0	2,834.95
1/4	13.51	1/4	266.14	1/4	549.18	1/4	854.60	1/4	1,181.86	1/4	1,513.93	1/4	1,845.99	1/4	2,177.99	1/4	2,509.93	1/4	2,841.86
1/2	16.85	1/2	271.81	1/2	555.30	1/2	861.22	1/2	1,188.78	1/2	1,520.84	1/2	1,852.91	1/2	2,184.91	1/2	2,516.84	1/2	2,848.78
3/4	20.18	3/4	277.48	3/4	561.42	3/4	867.84	3/4	1,195.70	3/4	1,527.76	3/4	1,859.83	3/4	2,191.82	3/4	2,523.76	3/4	2,855.69
1	23.51	1	283.16	1	567.55	1	874.46	1	1,202.62	1	1,534.68	1	1,866.74	1	2,198.74	1	2,530.67	1	2,862.61
1/4	28.18	1/4	288.87	1/4	573.71	1/4	881.12	1/4	1,209.53	1/4	1,541.60	1/4	1,873.66	1/4	2,205.65	1/4	2,537.59	1/4	2,869.52
1/2	32.84	1/2	294.58	1/2	579.88	1/2	887.79	1/2	1,216.45	1/2	1,548.52	1/2	1,880.58	1/2	2,212.57	1/2	2,544.50	1/2	2,876.44
3/4	37.51	3/4	300.29	3/4	586.04	3/4	894.45	3/4	1,223.37	3/4	1,555.43	3/4	1,887.50	3/4	2,219.48	3/4	2,551.42	3/4	2,883.35
2	42.17	2	306.00	2	592.20	2	901.11	2	1,230.29	2	1,562.35	2	1,894.42	2	2,226.40	2	2,558.33	2	2,890.27
1/4	47.45	1/4	311.75	1/4	598.41	1/4	907.81	1/4	1,237.21	1/4	1,569.27	1/4	1,901.33	1/4	2,233.31	1/4	2,565.25	1/4	2,897.18
1/2	52.73	1/2	317.49	1/2	604.61	1/2	914.51	1/2	1,244.12	1/2	1,576.19	1/2	1,908.25	1/2	2,240.23	1/2	2,572.16	1/2	2,904.10
3/4	58.01	3/4	323.24	3/4	610.82	3/4	921.21	3/4	1,251.04	3/4	1,583.11	3/4	1,915.17	3/4	2,247.14	3/4	2,579.08	3/4	2,911.01
3	63.29	3	328.99	3	617.03	3	927.91	3	1,257.96	3	1,590.02	3	1,922.09	3	2,254.06	3	2,585.99	3	2,917.93
1/4	68.61	1/4	334.78	1/4	623.27	1/4	934.65	1/4	1,264.88	1/4	1,596.94	1/4	1,929.01	1/4	2,260.98	1/4	2,592.91	1/4	2,924.84
1/2	73.93	1/2	340.57	1/2	629.51	1/2	941.39	1/2	1,271.80	1/2	1,603.86	1/2	1,935.92	1/2	2,267.89	1/2	2,599.83	1/2	2,931.76
3/4	79.25	3/4	346.37	3/4	635.76	3/4	948.13	3/4	1,278.71	3/4	1,610.78	3/4	1,942.84	3/4	2,274.81	3/4	2,606.74	3/4	2,938.67
4	84.57	4	352.16	4	642.00	4	954.87	4	1,285.63	4	1,617.70	4	1,949.76	4	2,281.72	4	2,613.66	4	2,945.59
1/4	89.92	1/4	357.99	1/4	648.29	1/4	961.65	1/4	1,292.55	1/4	1,624.61	1/4	1,956.68	1/4	2,288.64	1/4	2,620.57	1/4	2,952.51
1/2	95.28	1/2	363.82	1/2	654.57	1/2	968.43	1/2	1,299.47	1/2	1,631.53	1/2	1,963.60	1/2	2,295.55	1/2	2,627.49	1/2	2,959.42
3/4	100.64	3/4	369.65	3/4	660.86	3/4	975.21	3/4	1,306.39	3/4	1,638.45	3/4	1,970.51	3/4	2,302.47	3/4	2,634.40	3/4	2,966.34
5	106.00	5	375.49	5	667.14	5	981.99	5	1,313.30	5	1,645.37	5	1,977.43	5	2,309.38	5	2,641.32	5	2,973.25
1/4	111.40	1/4	381.36	1/4	673.46	1/4	988.81	1/4	1,320.22	1/4	1,652.29	1/4	1,984.35	1/4	2,316.30	1/4	2,648.23	1/4	2,980.17
1/2	116.80	1/2	387.23	1/2	679.79	1/2	995.63	1/2	1,327.14	1/2	1,659.20	1/2	1,991.27	1/2	2,323.21	1/2	2,655.15	1/2	2,987.08
3/4	122.20	3/4	393.10	3/4	686.11	3/4	1,002.45	3/4	1,334.06	3/4	1,666.12	3/4	1,998.19	3/4	2,330.13	3/4	2,662.06	3/4	2,994.00
6	127.59	6	398.97	6	692.44	6	1,009.27	6	1,340.98	6	1,673.04	6	2,005.10	6	2,337.04	6	2,668.98	6	3,000.91
1/4	133.03	1/4	404.89	1/4	698.81	1/4	1,016.13	1/4	1,347.89	1/4	1,679.96	1/4	2,012.02	1/4	2,343.96	1/4	2,675.89	1/4	3,007.83
1/2	138.47	1/2	410.80	1/2	705.18	1/2	1,022.99	1/2	1,354.81	1/2	1,686.88	1/2	2,018.94	1/2	2,350.87	1/2	2,682.81	1/2	3,014.74
3/4	143.91	3/4	416.71	3/4	711.55	3/4	1,029.84	3/4	1,361.73	3/4	1,693.79	3/4	2,025.86	3/4	2,357.79	3/4	2,689.72	3/4	3,021.66
7	149.34	7	422.62	7	717.92	7	1,036.70	7	1,368.65	7	1,700.71	7	2,032.78	7	2,364.70	7	2,696.64	7	3,028.58
1/4	154.82	1/4	428.57	1/4	724.34	1/4	1,043.60	1/4	1,375.57	1/4	1,707.63	1/4	2,039.69	1/4	2,371.62	1/4	2,703.55	1/4	3,035.49
1/2	160.30	1/2	434.52	1/2	730.76	1/2	1,050.49	1/2	1,382.48	1/2	1,714.55	1/2	2,046.60	1/2	2,378.54	1/2	2,710.47	1/2	3,042.41
3/4	165.78	3/4	440.47	3/4	737.18	3/4	1,057.38	3/4	1,389.40	3/4	1,721.47	3/4	2,053.52	3/4	2,385.45	3/4	2,717.39	3/4	3,049.32
8	171.25	8	446.42	8	743.60	8	1,064.28	8	1,396.32	8	1,728.38	8	2,060.43	8	2,392.37	8	2,724.30	8	3,056.24
1/4	176.77	1/4	452.41	1/4	750.07	1/4	1,071.19	1/4	1,403.24	1/4	1,735.30	1/4	2,067.35	1/4	2,399.28	1/4	2,731.22	1/4	3,063.15
1/2	182.29	1/2	458.40	1/2	756.53	1/2	1,078.10	1/2	1,410.16	1/2	1,742.22	1/2	2,074.26	1/2	2,406.20	1/2	2,738.13	1/2	3,070.07
3/4	187.80	3/4	464.39	3/4	763.00	3/4	1,085.02	3/4	1,417.07	3/4	1,749.14	3/4	2,081.18	3/4	2,413.11	3/4	2,745.05	3/4	3,076.98
9	193.32	9	470.38	9	769.46	9	1,091.93	9	1,423.99	9	1,756.06	9	2,088.09	9	2,420.03	9	2,751.96	9	3,083.90
1/4	198.88	1/4	476.41	1/4	775.96	1/4	1,098.85	1/4	1,430.91	1/4	1,762.97	1/4	2,095.01	1/4	2,426.94	1/4	2,758.88	1/4	3,090.81
1/2	204.43	1/2	482.44	1/2	782.47	1/2	1,105.76	1/2	1,437.83	1/2	1,769.89	1/2	2,101.92	1/2	2,433.86	1/2	2,765.79	1/2	3,097.73
3/4	209.99	3/4	488.46	3/4	788.97	3/4	1,112.68	3/4	1,444.75	3/4	1,776.81	3/4	2,108.84	3/4	2,440.77	3/4	2,772.71	3/4	3,104.64
10	215.54	10	494.49	10	795.47	10	1,119.60	10	1,451.66	10	1,783.73	10	2,115.75	10	2,447.69	10	2,779.62	10	3,111.56
1/4	221.14	1/4	500.55	1/4	802.02	1/4	1,126.52	1/4	1,458.58	1/4	1,790.65	1/4	2,122.67	1/4	2,454.60	1/4	2,786.54	1/4	3,118.47
1/2	226.73	1/2	506.60	1/2	808.56	1/2	1,133.44	1/2	1,465.50	1/2	1,797.56	1/2	2,129.58	1/2	2,461.52	1/2	2,793.45	1/2	3,125.39
3/4	232.33	3/4	512.66	3/4	815.10	3/4	1,140.35	3/4	1,472.42	3/4	1,804.48	3/4	2,136.50	3/4	2,468.43	3/4	2,800.37	3/4	3,132.30
11	237.93	11	518.71	11	821.65	11	1,147.27	11	1,479.34	11	1,811.40	11	2,143.42	11	2,475.35	11	2,807.28	11	3,139.22
1/4	243.56	1/4	524.80	1/4	828.23	1/4	1,154.19	1/4	1,486.25	1/4	1,818.32	1/4	2,150.33	1/4	2,482.26	1/4	2,814.20	1/4	3,146.13
1/2	249.20	1/2	530.88	1/2	834.81	1/2	1,161.11	1/2	1,493.17	1/2	1,825.24	1/2	2,157.25	1/2	2,489.18	1/2	2,821.11	1/2	3,153.05
3/4	254.83	3/4	536.97	3/4	841.39	3/4	1,168.03	3/4	1,500.09	3/4	1,832.15	3/4	2,164.16	3/4	2,496.10	3/4	2,828.03	3/4	3,159.96

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 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CTC29103"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,166.88	0	3,498.81	0	3,829.40	0	4,146.90	0	4,447.93	0		0		0		0		0	
1/4	3,173.79	1/4	3,505.72	1/4	3,836.17	1/4	4,153.32	1/4	4,454.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,180.71	1/2	3,512.64	1/2	3,842.94	1/2	4,159.74	1/2	4,460.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,187.62	3/4	3,519.55	3/4	3,849.71	3/4	4,166.15	3/4	4,466.83	3/4		3/4		3/4		3/4		3/4	
1	3,194.54	1	3,526.47	1	3,856.48	1	4,172.57	1	4,473.13	1		1		1		1		1	
1/4	3,201.46	1/4	3,533.38	1/4	3,863.23	1/4	4,178.96	1/4	4,479.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,208.37	1/2	3,540.30	1/2	3,869.97	1/2	4,185.35	1/2	4,486.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,215.29	3/4	3,547.22	3/4	3,876.72	3/4	4,191.74	3/4	4,493.17	3/4		3/4		3/4		3/4		3/4	
2	3,222.20	2	3,554.13	2	3,883.46	2	4,198.12	2	4,499.86	2		2		2		2		2	
1/4	3,229.12	1/4	3,561.05	1/4	3,890.18	1/4	4,204.49	1/4	4,506.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,236.03	1/2	3,567.96	1/2	3,896.90	1/2	4,210.85	1/2	4,513.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,242.95	3/4	3,574.88	3/4	3,903.61	3/4	4,217.21	3/4	4,520.48	3/4		3/4		3/4		3/4		3/4	
3	3,249.86	3	3,581.79	3	3,910.33	3	4,223.58	3	4,527.36	3		3		3		3		3	
1/4	3,256.78	1/4	3,588.71	1/4	3,917.02	1/4	4,229.91	1/4	4,534.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,263.69	1/2	3,595.62	1/2	3,923.72	1/2	4,236.25	1/2	4,540.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,270.61	3/4	3,602.54	3/4	3,930.41	3/4	4,242.59	3/4	4,547.72	3/4		3/4		3/4		3/4		3/4	
4	3,277.52	4	3,609.45	4	3,937.10	4	4,248.93	4	4,554.51	4		4		4		4		4	
1/4	3,284.44	1/4	3,616.37	1/4	3,943.77	1/4	4,255.24	1/4	4,560.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,291.35	1/2	3,623.28	1/2	3,950.43	1/2	4,261.55	1/2	4,566.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,298.27	3/4	3,630.20	3/4	3,957.10	3/4	4,267.86	3/4	4,572.80	3/4		3/4		3/4		3/4		3/4	
5	3,305.18	5	3,637.11	5	3,963.76	5	4,274.17	5	4,578.90	5		5		5		5		5	
1/4	3,312.10	1/4	3,644.03	1/4	3,970.40	1/4	4,280.45	1/4	4,583.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,319.01	1/2	3,650.94	1/2	3,977.04	1/2	4,286.74	1/2	4,588.50	1/2		1/2		1/2		1/2		1/2	
3/4	3,325.93	3/4	3,657.86	3/4	3,983.68	3/4	4,293.02	3/4	4,593.30	3/4		3/4		3/4		3/4		3/4	
6	3,332.84	6	3,664.77	6	3,990.32	6	4,299.31	6	4,598.10	6		6		6		6		6	
1/4	3,339.76	1/4	3,671.69	1/4	3,996.93	1/4	4,305.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,346.67	1/2	3,678.60	1/2	4,003.55	1/2	4,311.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,353.59	3/4	3,685.51	3/4	4,010.16	3/4	4,318.08	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,360.50	7	3,692.42	7	4,016.77	7	4,324.34	7		7		7		7		7		7	
1/4	3,367.42	1/4	3,699.32	1/4	4,023.36	1/4	4,330.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,374.34	1/2	3,706.22	1/2	4,029.95	1/2	4,336.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,381.25	3/4	3,713.12	3/4	4,036.53	3/4	4,343.03	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,388.17	8	3,720.02	8	4,043.12	8	4,349.27	8		8		8		8		8		8	
1/4	3,395.08	1/4	3,726.89	1/4	4,049.66	1/4	4,355.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,402.00	1/2	3,733.77	1/2	4,056.20	1/2	4,361.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,408.91	3/4	3,740.64	3/4	4,062.74	3/4	4,367.88	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,415.83	9	3,747.52	9	4,069.28	9	4,374.09	9		9		9		9		9		9	
1/4	3,422.74	1/4	3,754.37	1/4	4,075.78	1/4	4,380.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,429.66	1/2	3,761.22	1/2	4,082.27	1/2	4,386.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,436.57	3/4	3,768.07	3/4	4,088.77	3/4	4,392.63	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,443.49	10	3,774.92	10	4,095.26	10	4,398.81	10		10		10		10		10		10	
1/4	3,450.40	1/4	3,781.74	1/4	4,101.73	1/4	4,404.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,457.32	1/2	3,788.56	1/2	4,108.20	1/2	4,411.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,464.23	3/4	3,795.39	3/4	4,114.67	3/4	4,417.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,471.15	11	3,802.21	11	4,121.14	11	4,423.42	11		11		11		11		11		11	
1/4	3,478.06	1/4	3,809.01	1/4	4,127.58	1/4	4,429.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,484.98	1/2	3,815.80	1/2	4,134.02	1/2	4,435.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,491.89	3/4	3,822.60	3/4	4,140.46	3/4	4,441.80	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.16	0	259.91	0	541.92	0	845.77	0	1,171.54	0	1,502.96	0	1,834.37	0	2,165.74	0	2,497.04	0	2,828.33
1/4	13.48	1/4	265.58	1/4	548.03	1/4	852.35	1/4	1,178.45	1/4	1,509.86	1/4	1,841.28	1/4	2,172.65	1/4	2,503.94	1/4	2,835.23
1/2	16.81	1/2	271.24	1/2	554.14	1/2	858.94	1/2	1,185.35	1/2	1,516.77	1/2	1,848.18	1/2	2,179.55	1/2	2,510.84	1/2	2,842.13
3/4	20.14	3/4	276.90	3/4	560.25	3/4	865.53	3/4	1,192.25	3/4	1,523.67	3/4	1,855.09	3/4	2,186.45	3/4	2,517.74	3/4	2,849.03
1	23.46	1	282.56	1	566.37	1	872.11	1	1,199.16	1	1,530.57	1	1,861.99	1	2,193.35	1	2,524.64	1	2,855.93
1/4	28.12	1/4	288.26	1/4	572.52	1/4	878.74	1/4	1,206.06	1/4	1,537.48	1/4	1,868.90	1/4	2,200.25	1/4	2,531.55	1/4	2,862.84
1/2	32.77	1/2	293.95	1/2	578.67	1/2	885.37	1/2	1,212.97	1/2	1,544.38	1/2	1,875.80	1/2	2,207.16	1/2	2,538.45	1/2	2,869.74
3/4	37.43	3/4	299.65	3/4	584.82	3/4	892.00	3/4	1,219.87	3/4	1,551.29	3/4	1,882.70	3/4	2,214.06	3/4	2,545.35	3/4	2,876.64
2	42.08	2	305.35	2	590.97	2	898.62	2	1,226.78	2	1,558.19	2	1,889.61	2	2,220.96	2	2,552.25	2	2,883.54
1/4	47.35	1/4	311.09	1/4	597.17	1/4	905.29	1/4	1,233.68	1/4	1,565.10	1/4	1,896.51	1/4	2,227.86	1/4	2,559.15	1/4	2,890.44
1/2	52.62	1/2	316.82	1/2	603.36	1/2	911.96	1/2	1,240.59	1/2	1,572.00	1/2	1,903.42	1/2	2,234.76	1/2	2,566.05	1/2	2,897.35
3/4	57.88	3/4	322.56	3/4	609.55	3/4	918.62	3/4	1,247.49	3/4	1,578.91	3/4	1,910.32	3/4	2,241.67	3/4	2,572.96	3/4	2,904.25
3	63.15	3	328.30	3	615.75	3	925.29	3	1,254.39	3	1,585.81	3	1,917.23	3	2,248.57	3	2,579.86	3	2,911.15
1/4	68.46	1/4	334.08	1/4	621.98	1/4	931.99	1/4	1,261.30	1/4	1,592.72	1/4	1,924.13	1/4	2,255.47	1/4	2,586.76	1/4	2,918.05
1/2	73.77	1/2	339.86	1/2	628.21	1/2	938.70	1/2	1,268.20	1/2	1,599.62	1/2	1,931.04	1/2	2,262.37	1/2	2,593.66	1/2	2,924.95
3/4	79.08	3/4	345.64	3/4	634.44	3/4	945.41	3/4	1,275.11	3/4	1,606.52	3/4	1,937.94	3/4	2,269.27	3/4	2,600.56	3/4	2,931.86
4	84.38	4	351.42	4	640.67	4	952.11	4	1,282.01	4	1,613.43	4	1,944.84	4	2,276.17	4	2,607.47	4	2,938.76
1/4	89.73	1/4	357.24	1/4	646.95	1/4	958.86	1/4	1,288.92	1/4	1,620.33	1/4	1,951.75	1/4	2,283.08	1/4	2,614.37	1/4	2,945.66
1/2	95.08	1/2	363.06	1/2	653.22	1/2	965.60	1/2	1,295.82	1/2	1,627.24	1/2	1,958.65	1/2	2,289.98	1/2	2,621.27	1/2	2,952.56
3/4	100.43	3/4	368.88	3/4	659.49	3/4	972.35	3/4	1,302.73	3/4	1,634.14	3/4	1,965.56	3/4	2,296.88	3/4	2,628.17	3/4	2,959.47
5	105.77	5	374.70	5	665.76	5	979.09	5	1,309.63	5	1,641.05	5	1,972.46	5	2,303.78	5	2,635.07	5	2,966.37
1/4	111.16	1/4	380.56	1/4	672.07	1/4	985.88	1/4	1,316.54	1/4	1,647.95	1/4	1,979.37	1/4	2,310.68	1/4	2,641.98	1/4	2,973.27
1/2	116.55	1/2	386.42	1/2	678.38	1/2	992.66	1/2	1,323.44	1/2	1,654.86	1/2	1,986.27	1/2	2,317.59	1/2	2,648.88	1/2	2,980.17
3/4	121.93	3/4	392.28	3/4	684.69	3/4	999.45	3/4	1,330.34	3/4	1,661.76	3/4	1,993.18	3/4	2,324.49	3/4	2,655.78	3/4	2,987.07
6	127.32	6	398.14	6	691.00	6	1,006.23	6	1,337.25	6	1,668.66	6	2,000.08	6	2,331.39	6	2,662.68	6	2,993.98
1/4	132.75	1/4	404.04	1/4	697.35	1/4	1,013.06	1/4	1,344.15	1/4	1,675.57	1/4	2,006.99	1/4	2,338.29	1/4	2,669.58	1/4	3,000.88
1/2	138.17	1/2	409.94	1/2	703.70	1/2	1,019.90	1/2	1,351.06	1/2	1,682.47	1/2	2,013.89	1/2	2,345.19	1/2	2,676.49	1/2	3,007.78
3/4	143.60	3/4	415.83	3/4	710.05	3/4	1,026.73	3/4	1,357.96	3/4	1,689.38	3/4	2,020.79	3/4	2,352.10	3/4	2,683.39	3/4	3,014.68
7	149.03	7	421.73	7	716.39	7	1,033.57	7	1,364.87	7	1,696.28	7	2,027.70	7	2,359.00	7	2,690.29	7	3,021.58
1/4	154.49	1/4	427.67	1/4	722.78	1/4	1,040.45	1/4	1,371.77	1/4	1,703.19	1/4	2,034.60	1/4	2,365.90	1/4	2,697.19	1/4	3,028.48
1/2	159.96	1/2	433.61	1/2	729.17	1/2	1,047.33	1/2	1,378.68	1/2	1,710.09	1/2	2,041.51	1/2	2,372.80	1/2	2,704.09	1/2	3,035.39
3/4	165.42	3/4	439.55	3/4	735.56	3/4	1,054.21	3/4	1,385.58	3/4	1,717.00	3/4	2,048.41	3/4	2,379.70	3/4	2,710.99	3/4	3,042.29
8	170.89	8	445.49	8	741.94	8	1,061.09	8	1,392.48	8	1,723.90	8	2,055.31	8	2,386.61	8	2,717.90	8	3,049.19
1/4	176.39	1/4	451.47	1/4	748.37	1/4	1,067.99	1/4	1,399.39	1/4	1,730.81	1/4	2,062.22	1/4	2,393.51	1/4	2,724.80	1/4	3,056.09
1/2	181.90	1/2	457.44	1/2	754.80	1/2	1,074.89	1/2	1,406.29	1/2	1,737.71	1/2	2,069.12	1/2	2,400.41	1/2	2,731.70	1/2	3,062.99
3/4	187.40	3/4	463.42	3/4	761.23	3/4	1,081.79	3/4	1,413.20	3/4	1,744.61	3/4	2,076.02	3/4	2,407.31	3/4	2,738.60	3/4	3,069.89
9	192.91	9	469.40	9	767.66	9	1,088.69	9	1,420.10	9	1,751.52	9	2,082.92	9	2,414.21	9	2,745.50	9	3,076.80
1/4	198.45	1/4	475.42	1/4	774.13	1/4	1,095.59	1/4	1,427.01	1/4	1,758.42	1/4	2,089.82	1/4	2,421.11	1/4	2,752.41	1/4	3,083.70
1/2	204.00	1/2	481.43	1/2	780.60	1/2	1,102.50	1/2	1,433.91	1/2	1,765.33	1/2	2,096.73	1/2	2,428.02	1/2	2,759.31	1/2	3,090.60
3/4	209.54	3/4	487.44	3/4	787.07	3/4	1,109.40	3/4	1,440.82	3/4	1,772.23	3/4	2,103.63	3/4	2,434.92	3/4	2,766.21	3/4	3,097.50
10	215.09	10	493.46	10	793.54	10	1,116.30	10	1,447.72	10	1,779.14	10	2,110.53	10	2,441.82	10	2,773.11	10	3,104.40
1/4	220.67	1/4	499.50	1/4	800.05	1/4	1,123.21	1/4	1,454.63	1/4	1,786.04	1/4	2,117.43	1/4	2,448.72	1/4	2,780.01	1/4	3,111.31
1/2	226.25	1/2	505.54	1/2	806.56	1/2	1,130.11	1/2	1,461.53	1/2	1,792.95	1/2	2,124.33	1/2	2,455.62	1/2	2,786.92	1/2	3,118.21
3/4	231.84	3/4	511.59	3/4	813.06	3/4	1,137.02	3/4	1,468.43	3/4	1,799.85	3/4	2,131.23	3/4	2,462.53	3/4	2,793.82	3/4	3,125.11
11	237.42	11	517.63	11	819.57	11	1,143.92	11	1,475.34	11	1,806.75	11	2,138.14	11	2,469.43	11	2,800.72	11	3,132.01
1/4	243.04	1/4	523.70	1/4	826.12	1/4	1,150.83	1/4	1,482.24	1/4	1,813.66	1/4	2,145.04	1/4	2,476.33	1/4	2,807.62	1/4	3,138.91
1/2	248.67	1/2	529.77	1/2	832.67	1/2	1,157.73	1/2	1,489.15	1/2	1,820.56	1/2	2,151.94	1/2	2,483.23	1/2	2,814.52	1/2	3,145.81
3/4	254.29	3/4	535.85	3/4	839.22	3/4	1,164.64	3/4	1,496.05	3/4	1,827.47	3/4	2,158.84	3/4	2,490.13	3/4	2,821.42	3/4	3,152.72

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 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD

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



BARGE "CTC29103"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,159.62	0	3,490.90	0	3,820.85	0	4,137.73	0	4,438.15	0		0		0		0		0	
1/4	3,166.52	1/4	3,497.81	1/4	3,827.61	1/4	4,144.14	1/4	4,444.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,173.42	1/2	3,504.71	1/2	3,834.37	1/2	4,150.54	1/2	4,450.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,180.32	3/4	3,511.61	3/4	3,841.13	3/4	4,156.94	3/4	4,457.02	3/4		3/4		3/4		3/4		3/4	
1	3,187.23	1	3,518.51	1	3,847.88	1	4,163.35	1	4,463.31	1		1		1		1		1	
1/4	3,194.13	1/4	3,525.41	1/4	3,854.62	1/4	4,169.72	1/4	4,469.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,201.03	1/2	3,532.32	1/2	3,861.35	1/2	4,176.10	1/2	4,476.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,207.93	3/4	3,539.22	3/4	3,868.08	3/4	4,182.48	3/4	4,483.31	3/4		3/4		3/4		3/4		3/4	
2	3,214.83	2	3,546.12	2	3,874.81	2	4,188.85	2	4,489.98	2		2		2		2		2	
1/4	3,221.73	1/4	3,553.02	1/4	3,881.51	1/4	4,195.20	1/4	4,496.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,228.64	1/2	3,559.92	1/2	3,888.22	1/2	4,201.55	1/2	4,503.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,235.54	3/4	3,566.82	3/4	3,894.92	3/4	4,207.90	3/4	4,510.57	3/4		3/4		3/4		3/4		3/4	
3	3,242.44	3	3,573.73	3	3,901.63	3	4,214.26	3	4,517.43	3		3		3		3		3	
1/4	3,249.34	1/4	3,580.63	1/4	3,908.31	1/4	4,220.58	1/4	4,524.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,256.24	1/2	3,587.53	1/2	3,914.99	1/2	4,226.90	1/2	4,530.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,263.15	3/4	3,594.43	3/4	3,921.67	3/4	4,233.23	3/4	4,537.76	3/4		3/4		3/4		3/4		3/4	
4	3,270.05	4	3,601.33	4	3,928.34	4	4,239.55	4	4,544.53	4		4		4		4		4	
1/4	3,276.95	1/4	3,608.24	1/4	3,935.00	1/4	4,245.85	1/4	4,550.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,283.85	1/2	3,615.14	1/2	3,941.65	1/2	4,252.15	1/2	4,556.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,290.75	3/4	3,622.04	3/4	3,948.30	3/4	4,258.45	3/4	4,562.79	3/4		3/4		3/4		3/4		3/4	
5	3,297.65	5	3,628.94	5	3,954.96	5	4,264.74	5	4,568.87	5		5		5		5		5	
1/4	3,304.56	1/4	3,635.84	1/4	3,961.58	1/4	4,271.02	1/4	4,573.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,311.46	1/2	3,642.74	1/2	3,968.21	1/2	4,277.29	1/2	4,578.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,318.36	3/4	3,649.65	3/4	3,974.83	3/4	4,283.56	3/4	4,583.24	3/4		3/4		3/4		3/4		3/4	
6	3,325.26	6	3,656.55	6	3,981.46	6	4,289.83	6	4,588.03	6		6		6		6		6	
1/4	3,332.16	1/4	3,663.45	1/4	3,988.06	1/4	4,296.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,339.07	1/2	3,670.35	1/2	3,994.66	1/2	4,302.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,345.97	3/4	3,677.24	3/4	4,001.26	3/4	4,308.57	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,352.87	7	3,684.14	7	4,007.86	7	4,314.81	7		7		7		7		7		7	
1/4	3,359.77	1/4	3,691.03	1/4	4,014.44	1/4	4,321.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,366.67	1/2	3,697.91	1/2	4,021.01	1/2	4,327.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,373.57	3/4	3,704.80	3/4	4,027.58	3/4	4,333.47	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,380.48	8	3,711.68	8	4,034.16	8	4,339.69	8		8		8		8		8		8	
1/4	3,387.38	1/4	3,718.55	1/4	4,040.69	1/4	4,345.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,394.28	1/2	3,725.41	1/2	4,047.21	1/2	4,352.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,401.18	3/4	3,732.27	3/4	4,053.74	3/4	4,358.27	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,408.08	9	3,739.13	9	4,060.27	9	4,364.47	9		9		9		9		9		9	
1/4	3,414.99	1/4	3,745.97	1/4	4,066.75	1/4	4,370.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,421.89	1/2	3,752.81	1/2	4,073.23	1/2	4,376.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,428.79	3/4	3,759.64	3/4	4,079.71	3/4	4,382.97	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,435.69	10	3,766.48	10	4,086.20	10	4,389.13	10		10		10		10		10		10	
1/4	3,442.59	1/4	3,773.29	1/4	4,092.65	1/4	4,395.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,449.49	1/2	3,780.10	1/2	4,099.11	1/2	4,401.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,456.40	3/4	3,786.91	3/4	4,105.56	3/4	4,407.55	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,463.30	11	3,793.72	11	4,112.02	11	4,413.70	11		11		11		11		11		11	
1/4	3,470.20	1/4	3,800.50	1/4	4,118.45	1/4	4,419.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,477.10	1/2	3,807.29	1/2	4,124.88	1/2	4,425.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,484.00	3/4	3,814.07	3/4	4,131.30	3/4	4,432.04	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.89	0	389.74	0	778.90	0	1,167.66	0	1,557.03	0	1,946.40	0	2,335.77	0	2,725.09	0	3,114.31	0	3,503.53
1/4	19.29	1/4	397.85	1/4	786.98	1/4	1,175.77	1/4	1,565.14	1/4	1,954.51	1/4	2,343.88	1/4	2,733.20	1/4	3,123.42	1/4	3,511.64
1/2	24.70	1/2	405.96	1/2	795.07	1/2	1,183.88	1/2	1,573.25	1/2	1,962.62	1/2	2,351.99	1/2	2,741.31	1/2	3,130.53	1/2	3,519.75
3/4	30.11	3/4	414.07	3/4	803.16	3/4	1,191.99	3/4	1,581.36	3/4	1,970.73	3/4	2,360.10	3/4	2,749.41	3/4	3,138.64	3/4	3,527.86
1	35.52	1	422.18	1	811.25	1	1,200.10	1	1,589.47	1	1,978.85	1	2,368.22	1	2,757.52	1	3,146.75	1	3,535.97
1/4	42.95	1/4	430.29	1/4	819.33	1/4	1,208.21	1/4	1,597.59	1/4	1,986.96	1/4	2,376.33	1/4	2,765.63	1/4	3,154.85	1/4	3,544.08
1/2	50.39	1/2	438.39	1/2	827.42	1/2	1,216.33	1/2	1,605.70	1/2	1,995.07	1/2	2,384.44	1/2	2,773.74	1/2	3,162.96	1/2	3,552.19
3/4	57.83	3/4	446.50	3/4	835.51	3/4	1,224.44	3/4	1,613.81	3/4	2,003.18	3/4	2,392.55	3/4	2,781.85	3/4	3,171.07	3/4	3,560.29
2	65.26	2	454.61	2	843.60	2	1,232.55	2	1,621.92	2	2,011.29	2	2,400.66	2	2,789.96	2	3,179.18	2	3,568.40
1/4	73.37	1/4	462.72	1/4	851.69	1/4	1,240.66	1/4	1,630.03	1/4	2,019.40	1/4	2,408.78	1/4	2,798.07	1/4	3,187.29	1/4	3,576.51
1/2	81.49	1/2	470.82	1/2	859.78	1/2	1,248.77	1/2	1,638.15	1/2	2,027.52	1/2	2,416.89	1/2	2,806.18	1/2	3,195.40	1/2	3,584.62
3/4	89.60	3/4	478.93	3/4	867.87	3/4	1,256.89	3/4	1,646.26	3/4	2,035.63	3/4	2,425.00	3/4	2,814.28	3/4	3,203.51	3/4	3,592.73
3	97.71	3	487.04	3	875.96	3	1,265.00	3	1,654.37	3	2,043.74	3	2,433.11	3	2,822.39	3	3,211.62	3	3,600.84
1/4	105.82	1/4	495.15	1/4	884.05	1/4	1,273.11	1/4	1,662.48	1/4	2,051.85	1/4	2,441.22	1/4	2,830.50	1/4	3,219.72	1/4	3,608.95
1/2	113.93	1/2	503.26	1/2	892.14	1/2	1,281.22	1/2	1,670.59	1/2	2,059.96	1/2	2,449.34	1/2	2,838.61	1/2	3,227.83	1/2	3,617.06
3/4	122.04	3/4	511.37	3/4	900.23	3/4	1,289.33	3/4	1,678.71	3/4	2,068.08	3/4	2,457.45	3/4	2,846.72	3/4	3,235.94	3/4	3,625.16
4	130.16	4	519.48	4	908.32	4	1,297.45	4	1,686.82	4	2,076.19	4	2,465.56	4	2,854.83	4	3,244.05	4	3,633.27
1/4	138.27	1/4	527.59	1/4	916.41	1/4	1,305.56	1/4	1,694.93	1/4	2,084.30	1/4	2,473.67	1/4	2,862.94	1/4	3,252.16	1/4	3,641.38
1/2	146.38	1/2	535.70	1/2	924.50	1/2	1,313.67	1/2	1,703.04	1/2	2,092.41	1/2	2,481.78	1/2	2,871.05	1/2	3,260.27	1/2	3,649.49
3/4	154.49	3/4	543.82	3/4	932.59	3/4	1,321.78	3/4	1,711.15	3/4	2,100.52	3/4	2,489.90	3/4	2,879.16	3/4	3,268.38	3/4	3,657.60
5	162.60	5	551.93	5	940.68	5	1,329.89	5	1,719.26	5	2,108.64	5	2,498.01	5	2,887.26	5	3,276.49	5	3,665.71
1/4	170.72	1/4	560.04	1/4	948.77	1/4	1,338.01	1/4	1,727.38	1/4	2,116.75	1/4	2,506.12	1/4	2,895.37	1/4	3,284.60	1/4	3,673.82
1/2	178.83	1/2	568.15	1/2	956.86	1/2	1,346.12	1/2	1,735.49	1/2	2,124.86	1/2	2,514.23	1/2	2,903.48	1/2	3,292.70	1/2	3,681.92
3/4	186.94	3/4	576.26	3/4	964.95	3/4	1,354.23	3/4	1,743.60	3/4	2,132.97	3/4	2,522.34	3/4	2,911.59	3/4	3,300.81	3/4	3,690.03
6	195.05	6	584.38	6	973.04	6	1,362.34	6	1,751.71	6	2,141.08	6	2,530.45	6	2,919.70	6	3,308.92	6	3,698.14
1/4	203.16	1/4	592.49	1/4	981.14	1/4	1,370.45	1/4	1,759.82	1/4	2,149.20	1/4	2,538.57	1/4	2,927.81	1/4	3,317.03	1/4	3,706.25
1/2	211.28	1/2	600.60	1/2	989.24	1/2	1,378.56	1/2	1,767.94	1/2	2,157.31	1/2	2,546.68	1/2	2,935.92	1/2	3,325.14	1/2	3,714.36
3/4	219.39	3/4	608.71	3/4	997.33	3/4	1,386.68	3/4	1,776.05	3/4	2,165.42	3/4	2,554.79	3/4	2,944.03	3/4	3,333.25	3/4	3,722.47
7	227.50	7	616.82	7	1,005.43	7	1,394.79	7	1,784.16	7	2,173.53	7	2,562.90	7	2,952.13	7	3,341.36	7	3,730.58
1/4	235.61	1/4	624.93	1/4	1,013.54	1/4	1,402.90	1/4	1,792.27	1/4	2,181.64	1/4	2,571.01	1/4	2,960.24	1/4	3,349.47	1/4	3,738.68
1/2	243.72	1/2	633.05	1/2	1,021.65	1/2	1,411.01	1/2	1,800.38	1/2	2,189.75	1/2	2,579.12	1/2	2,968.35	1/2	3,357.57	1/2	3,746.79
3/4	251.84	3/4	641.16	3/4	1,029.76	3/4	1,419.12	3/4	1,808.50	3/4	2,197.87	3/4	2,587.24	3/4	2,976.46	3/4	3,365.68	3/4	3,754.90
8	259.95	8	649.27	8	1,037.87	8	1,427.24	8	1,816.61	8	2,205.98	8	2,595.35	8	2,984.57	8	3,373.79	8	3,763.01
1/4	268.06	1/4	657.38	1/4	1,045.98	1/4	1,435.35	1/4	1,824.72	1/4	2,214.09	1/4	2,603.46	1/4	2,992.68	1/4	3,381.90	1/4	3,771.12
1/2	276.17	1/2	665.49	1/2	1,054.09	1/2	1,443.46	1/2	1,832.83	1/2	2,222.20	1/2	2,611.56	1/2	3,000.79	1/2	3,390.01	1/2	3,779.23
3/4	284.28	3/4	673.61	3/4	1,062.20	3/4	1,451.57	3/4	1,840.94	3/4	2,230.31	3/4	2,619.67	3/4	3,008.90	3/4	3,398.12	3/4	3,787.34
9	292.39	9	681.72	9	1,070.31	9	1,459.68	9	1,849.06	9	2,238.43	9	2,627.78	9	3,017.00	9	3,406.23	9	3,795.45
1/4	300.51	1/4	689.83	1/4	1,078.42	1/4	1,467.80	1/4	1,857.17	1/4	2,246.54	1/4	2,635.89	1/4	3,025.11	1/4	3,414.34	1/4	3,803.55
1/2	308.62	1/2	697.94	1/2	1,086.54	1/2	1,475.91	1/2	1,865.28	1/2	2,254.65	1/2	2,644.00	1/2	3,033.22	1/2	3,422.44	1/2	3,811.66
3/4	316.73	3/4	706.04	3/4	1,094.65	3/4	1,484.02	3/4	1,873.39	3/4	2,262.76	3/4	2,652.11	3/4	3,041.33	3/4	3,430.55	3/4	3,819.77
10	324.84	10	714.15	10	1,102.76	10	1,492.13	10	1,881.50	10	2,270.87	10	2,660.22	10	3,049.44	10	3,438.66	10	3,827.88
1/4	332.95	1/4	722.25	1/4	1,110.87	1/4	1,500.24	1/4	1,889.61	1/4	2,278.99	1/4	2,668.33	1/4	3,057.55	1/4	3,446.77	1/4	3,835.99
1/2	341.07	1/2	730.35	1/2	1,118.98	1/2	1,508.36	1/2	1,897.73	1/2	2,287.10	1/2	2,676.44	1/2	3,065.66	1/2	3,454.88	1/2	3,844.10
3/4	349.18	3/4	738.45	3/4	1,127.10	3/4	1,516.47	3/4	1,905.84	3/4	2,295.21	3/4	2,684.54	3/4	3,073.77	3/4	3,462.99	3/4	3,852.21
11	357.29	11	746.54	11	1,135.21	11	1,524.58	11	1,913.95	11	2,303.32	11	2,692.65	11	3,081.88	11	3,471.10	11	3,860.32
1/4	365.40	1/4	754.63	1/4	1,143.32	1/4	1,532.69	1/4	1,922.06	1/4	2,311.43	1/4	2,700.76	1/4	3,089.98	1/4	3,479.21	1/4	3,868.42
1/2	373.51	1/2	762.72	1/2	1,151.43	1/2	1,540.80	1/2	1,930.17	1/2	2,319.55	1/2	2,708.87	1/2	3,098.09	1/2	3,487.32	1/2	3,876.53
3/4	381.63	3/4	770.81	3/4	1,159.54	3/4	1,548.91	3/4	1,938.29	3/4	2,327.66	3/4	2,716.98	3/4	3,106.20	3/4	3,495.42	3/4	3,884.64

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 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD

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



BARGE "CTC29103"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,892.75	0	4,281.97	0	4,669.61	0	5,041.90	0	5,394.83	0		0		0		0		0	
1/4	3,900.86	1/4	4,290.08	1/4	4,677.55	1/4	5,049.42	1/4	5,402.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,908.97	1/2	4,298.19	1/2	4,685.49	1/2	5,056.94	1/2	5,409.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,917.08	3/4	4,306.29	3/4	4,693.43	3/4	5,064.46	3/4	5,416.99	3/4		3/4		3/4		3/4		3/4	
1	3,925.19	1	4,314.40	1	4,701.37	1	5,071.99	1	5,424.38	1		1		1		1		1	
1/4	3,933.29	1/4	4,322.51	1/4	4,709.27	1/4	5,079.48	1/4	5,432.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,941.40	1/2	4,330.62	1/2	4,717.18	1/2	5,086.97	1/2	5,440.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,949.51	3/4	4,338.73	3/4	4,725.09	3/4	5,094.46	3/4	5,447.88	3/4		3/4		3/4		3/4		3/4	
2	3,957.62	2	4,346.84	2	4,733.00	2	5,101.95	2	5,455.72	2		2		2		2		2	
1/4	3,965.73	1/4	4,354.95	1/4	4,740.88	1/4	5,109.41	1/4	5,463.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,973.84	1/2	4,363.05	1/2	4,748.76	1/2	5,116.87	1/2	5,471.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,981.95	3/4	4,371.16	3/4	4,756.63	3/4	5,124.33	3/4	5,479.90	3/4		3/4		3/4		3/4		3/4	
3	3,990.05	3	4,379.27	3	4,764.51	3	5,131.79	3	5,487.96	3		3		3		3		3	
1/4	3,998.16	1/4	4,387.38	1/4	4,772.36	1/4	5,139.22	1/4	5,495.92	1/4		1/4		1/4		1/4		1/4	
1/2	4,006.27	1/2	4,395.49	1/2	4,780.20	1/2	5,146.65	1/2	5,503.89	1/2		1/2		1/2		1/2		1/2	
3/4	4,014.38	3/4	4,403.60	3/4	4,788.05	3/4	5,154.08	3/4	5,511.85	3/4		3/4		3/4		3/4		3/4	
4	4,022.49	4	4,411.71	4	4,795.90	4	5,161.51	4	5,519.81	4		4		4		4		4	
1/4	4,030.60	1/4	4,419.82	1/4	4,803.71	1/4	5,168.91	1/4	5,526.96	1/4		1/4		1/4		1/4		1/4	
1/2	4,038.71	1/2	4,427.92	1/2	4,811.53	1/2	5,176.31	1/2	5,534.11	1/2		1/2		1/2		1/2		1/2	
3/4	4,046.82	3/4	4,436.03	3/4	4,819.35	3/4	5,183.71	3/4	5,541.26	3/4		3/4		3/4		3/4		3/4	
5	4,054.92	5	4,444.14	5	4,827.16	5	5,191.11	5	5,548.41	5		5		5		5		5	
1/4	4,063.03	1/4	4,452.25	1/4	4,834.95	1/4	5,198.48	1/4	5,554.03	1/4		1/4		1/4		1/4		1/4	
1/2	4,071.14	1/2	4,460.36	1/2	4,842.73	1/2	5,205.85	1/2	5,559.66	1/2		1/2		1/2		1/2		1/2	
3/4	4,079.25	3/4	4,468.47	3/4	4,850.52	3/4	5,213.21	3/4	5,565.29	3/4		3/4		3/4		3/4		3/4	
6	4,087.36	6	4,476.58	6	4,858.30	6	5,220.58	6	5,570.92	6		6		6		6		6	
1/4	4,095.47	1/4	4,484.68	1/4	4,866.06	1/4	5,227.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,103.58	1/2	4,492.78	1/2	4,873.81	1/2	5,235.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,111.69	3/4	4,500.89	3/4	4,881.57	3/4	5,242.59	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,119.79	7	4,508.99	7	4,889.32	7	5,249.93	7		7		7		7		7		7	
1/4	4,127.90	1/4	4,517.08	1/4	4,897.04	1/4	5,257.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,136.01	1/2	4,525.17	1/2	4,904.77	1/2	5,264.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,144.12	3/4	4,533.26	3/4	4,912.49	3/4	5,271.85	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,152.23	8	4,541.35	8	4,920.21	8	5,279.16	8		8		8		8		8		8	
1/4	4,160.34	1/4	4,549.41	1/4	4,927.88	1/4	5,286.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,168.45	1/2	4,557.47	1/2	4,935.55	1/2	5,293.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,176.55	3/4	4,565.54	3/4	4,943.22	3/4	5,300.99	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,184.66	9	4,573.60	9	4,950.89	9	5,308.26	9		9		9		9		9		9	
1/4	4,192.77	1/4	4,581.63	1/4	4,958.51	1/4	5,315.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,200.88	1/2	4,589.66	1/2	4,966.12	1/2	5,322.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,208.99	3/4	4,597.69	3/4	4,973.73	3/4	5,330.00	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,217.10	10	4,605.73	10	4,981.35	10	5,337.24	10		10		10		10		10		10	
1/4	4,225.21	1/4	4,613.73	1/4	4,988.93	1/4	5,344.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,233.32	1/2	4,621.73	1/2	4,996.52	1/2	5,351.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,241.42	3/4	4,629.73	3/4	5,004.10	3/4	5,358.88	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,249.53	11	4,637.73	11	5,011.68	11	5,366.10	11		11		11		11		11		11	
1/4	4,257.64	1/4	4,645.70	1/4	5,019.24	1/4	5,373.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,265.75	1/2	4,653.67	1/2	5,026.79	1/2	5,380.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,273.86	3/4	4,661.64	3/4	5,034.34	3/4	5,387.65	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.83	0	388.14	0	771.43	0	1,143.92	0	1,524.97	0	1,912.74	0	2,300.52	0	2,688.24	0	3,075.87	0	3,463.50
1/4	19.22	1/4	396.22	1/4	779.17	1/4	1,151.69	1/4	1,533.04	1/4	1,920.82	1/4	2,308.60	1/4	2,696.32	1/4	3,083.95	1/4	3,471.58
1/2	24.60	1/2	404.30	1/2	786.92	1/2	1,159.46	1/2	1,541.12	1/2	1,928.90	1/2	2,316.68	1/2	2,704.39	1/2	3,092.02	1/2	3,479.65
3/4	29.99	3/4	412.37	3/4	794.67	3/4	1,167.24	3/4	1,549.20	3/4	1,936.98	3/4	2,324.76	3/4	2,712.47	3/4	3,100.10	3/4	3,487.73
1	35.37	1	420.45	1	802.42	1	1,175.01	1	1,557.28	1	1,945.06	1	2,332.84	1	2,720.54	1	3,108.17	1	3,495.80
1/4	42.78	1/4	428.52	1/4	810.17	1/4	1,182.78	1/4	1,565.36	1/4	1,953.14	1/4	2,340.91	1/4	2,728.62	1/4	3,116.25	1/4	3,503.88
1/2	50.18	1/2	436.60	1/2	817.92	1/2	1,190.55	1/2	1,573.44	1/2	1,961.22	1/2	2,348.99	1/2	2,736.70	1/2	3,124.32	1/2	3,511.95
3/4	57.59	3/4	444.67	3/4	825.67	3/4	1,198.33	3/4	1,581.52	3/4	1,969.29	3/4	2,357.07	3/4	2,744.77	3/4	3,132.40	3/4	3,520.03
2	64.99	2	452.75	2	833.42	2	1,206.10	2	1,589.60	2	1,977.37	2	2,365.15	2	2,752.85	2	3,140.48	2	3,528.10
1/4	73.07	1/4	460.82	1/4	841.17	1/4	1,213.87	1/4	1,597.67	1/4	1,985.45	1/4	2,373.23	1/4	2,760.92	1/4	3,148.55	1/4	3,536.18
1/2	81.15	1/2	468.89	1/2	848.92	1/2	1,221.65	1/2	1,605.75	1/2	1,993.53	1/2	2,381.31	1/2	2,769.00	1/2	3,156.63	1/2	3,544.26
3/4	89.23	3/4	476.97	3/4	856.67	3/4	1,229.42	3/4	1,613.83	3/4	2,001.61	3/4	2,389.39	3/4	2,777.07	3/4	3,164.70	3/4	3,552.33
3	97.31	3	485.04	3	864.42	3	1,237.19	3	1,621.91	3	2,009.69	3	2,397.47	3	2,785.15	3	3,172.78	3	3,560.41
1/4	105.39	1/4	493.12	1/4	872.17	1/4	1,244.97	1/4	1,629.99	1/4	2,017.77	1/4	2,405.54	1/4	2,793.22	1/4	3,180.85	1/4	3,568.48
1/2	113.47	1/2	501.20	1/2	879.92	1/2	1,252.74	1/2	1,638.07	1/2	2,025.85	1/2	2,413.62	1/2	2,801.30	1/2	3,188.93	1/2	3,576.56
3/4	121.54	3/4	509.27	3/4	887.68	3/4	1,260.51	3/4	1,646.15	3/4	2,033.92	3/4	2,421.70	3/4	2,809.38	3/4	3,197.00	3/4	3,584.63
4	129.62	4	517.35	4	895.43	4	1,268.28	4	1,654.23	4	2,042.00	4	2,429.78	4	2,817.45	4	3,205.08	4	3,592.71
1/4	137.70	1/4	525.43	1/4	903.18	1/4	1,276.06	1/4	1,662.30	1/4	2,050.08	1/4	2,437.86	1/4	2,825.53	1/4	3,213.16	1/4	3,600.78
1/2	145.78	1/2	533.51	1/2	910.93	1/2	1,283.83	1/2	1,670.38	1/2	2,058.16	1/2	2,445.94	1/2	2,833.60	1/2	3,221.23	1/2	3,608.86
3/4	153.86	3/4	541.59	3/4	918.68	3/4	1,291.60	3/4	1,678.46	3/4	2,066.24	3/4	2,454.02	3/4	2,841.68	3/4	3,229.31	3/4	3,616.93
5	161.94	5	549.67	5	926.43	5	1,299.38	5	1,686.54	5	2,074.32	5	2,462.10	5	2,849.75	5	3,237.38	5	3,625.01
1/4	170.02	1/4	557.75	1/4	934.18	1/4	1,307.30	1/4	1,694.62	1/4	2,082.40	1/4	2,470.17	1/4	2,857.83	1/4	3,245.46	1/4	3,633.08
1/2	178.10	1/2	565.82	1/2	941.93	1/2	1,315.23	1/2	1,702.70	1/2	2,090.48	1/2	2,478.25	1/2	2,865.91	1/2	3,253.53	1/2	3,641.16
3/4	186.17	3/4	573.90	3/4	949.68	3/4	1,323.15	3/4	1,710.78	3/4	2,098.55	3/4	2,486.33	3/4	2,873.98	3/4	3,261.61	3/4	3,649.24
6	194.25	6	581.98	6	957.44	6	1,331.08	6	1,718.85	6	2,106.63	6	2,494.41	6	2,882.06	6	3,269.69	6	3,657.31
1/4	202.33	1/4	590.06	1/4	965.19	1/4	1,339.16	1/4	1,726.93	1/4	2,114.71	1/4	2,502.49	1/4	2,890.13	1/4	3,277.76	1/4	3,665.39
1/2	210.41	1/2	598.14	1/2	972.95	1/2	1,347.23	1/2	1,735.01	1/2	2,122.79	1/2	2,510.57	1/2	2,898.21	1/2	3,285.84	1/2	3,673.46
3/4	218.49	3/4	606.22	3/4	980.71	3/4	1,355.31	3/4	1,743.09	3/4	2,130.87	3/4	2,518.65	3/4	2,906.28	3/4	3,293.91	3/4	3,681.54
7	226.57	7	614.30	7	988.47	7	1,363.39	7	1,751.17	7	2,138.95	7	2,526.72	7	2,914.36	7	3,301.99	7	3,689.61
1/4	234.65	1/4	622.37	1/4	996.24	1/4	1,371.47	1/4	1,759.25	1/4	2,147.03	1/4	2,534.80	1/4	2,922.43	1/4	3,310.06	1/4	3,697.69
1/2	242.73	1/2	630.45	1/2	1,004.01	1/2	1,379.55	1/2	1,767.33	1/2	2,155.10	1/2	2,542.88	1/2	2,930.51	1/2	3,318.14	1/2	3,705.76
3/4	250.80	3/4	638.53	3/4	1,011.78	3/4	1,387.63	3/4	1,775.41	3/4	2,163.18	3/4	2,550.96	3/4	2,938.59	3/4	3,326.21	3/4	3,713.84
8	258.88	8	646.61	8	1,019.55	8	1,395.71	8	1,783.48	8	2,171.26	8	2,559.03	8	2,946.66	8	3,334.29	8	3,721.91
1/4	266.96	1/4	654.54	1/4	1,027.32	1/4	1,403.79	1/4	1,791.56	1/4	2,179.34	1/4	2,567.11	1/4	2,954.74	1/4	3,342.37	1/4	3,729.99
1/2	275.04	1/2	662.46	1/2	1,035.09	1/2	1,411.86	1/2	1,799.64	1/2	2,187.42	1/2	2,575.18	1/2	2,962.81	1/2	3,350.44	1/2	3,738.07
3/4	283.12	3/4	670.39	3/4	1,042.87	3/4	1,419.94	3/4	1,807.72	3/4	2,195.50	3/4	2,583.26	3/4	2,970.89	3/4	3,358.52	3/4	3,746.14
9	291.20	9	678.31	9	1,050.64	9	1,428.02	9	1,815.80	9	2,203.58	9	2,591.33	9	2,978.96	9	3,366.59	9	3,754.22
1/4	299.28	1/4	686.08	1/4	1,058.41	1/4	1,436.10	1/4	1,823.88	1/4	2,211.66	1/4	2,599.41	1/4	2,987.04	1/4	3,374.67	1/4	3,762.29
1/2	307.35	1/2	693.85	1/2	1,066.19	1/2	1,444.18	1/2	1,831.96	1/2	2,219.73	1/2	2,607.49	1/2	2,995.11	1/2	3,382.74	1/2	3,770.37
3/4	315.43	3/4	701.62	3/4	1,073.96	3/4	1,452.26	3/4	1,840.04	3/4	2,227.81	3/4	2,615.56	3/4	3,003.19	3/4	3,390.82	3/4	3,778.44
10	323.51	10	709.39	10	1,081.73	10	1,460.34	10	1,848.11	10	2,235.89	10	2,623.64	10	3,011.27	10	3,398.89	10	3,786.52
1/4	331.59	1/4	717.15	1/4	1,089.51	1/4	1,468.42	1/4	1,856.19	1/4	2,243.97	1/4	2,631.71	1/4	3,019.34	1/4	3,406.97	1/4	3,794.59
1/2	339.67	1/2	724.91	1/2	1,097.28	1/2	1,476.49	1/2	1,864.27	1/2	2,252.05	1/2	2,639.79	1/2	3,027.42	1/2	3,415.05	1/2	3,802.67
3/4	347.75	3/4	732.67	3/4	1,105.05	3/4	1,484.57	3/4	1,872.35	3/4	2,260.13	3/4	2,647.86	3/4	3,035.49	3/4	3,423.12	3/4	3,810.75
11	355.83	11	740.43	11	1,112.82	11	1,492.65	11	1,880.43	11	2,268.21	11	2,655.94	11	3,043.57	11	3,431.20	11	3,818.82
1/4	363.91	1/4	748.18	1/4	1,120.60	1/4	1,500.73	1/4	1,888.51	1/4	2,276.29	1/4	2,664.02	1/4	3,051.64	1/4	3,439.27	1/4	3,826.90
1/2	371.98	1/2	755.93	1/2	1,128.37	1/2	1,508.81	1/2	1,896.59	1/2	2,284.36	1/2	2,672.09	1/2	3,059.72	1/2	3,447.35	1/2	3,834.97
3/4	380.06	3/4	763.68	3/4	1,136.14	3/4	1,516.89	3/4	1,904.67	3/4	2,292.44	3/4	2,680.17	3/4	3,067.80	3/4	3,455.42	3/4	3,843.05

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 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CTC29103"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,851.12	0	4,238.75	0	4,624.80	0	4,995.58	0	5,347.10	0		0		0		0		0	
1/4	3,859.20	1/4	4,246.82	1/4	4,632.71	1/4	5,003.07	1/4	5,354.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,867.27	1/2	4,254.90	1/2	4,640.62	1/2	5,010.56	1/2	5,361.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,875.35	3/4	4,262.97	3/4	4,648.52	3/4	5,018.06	3/4	5,369.18	3/4		3/4		3/4		3/4		3/4	
1	3,883.42	1	4,271.05	1	4,656.43	1	5,025.55	1	5,376.53	1		1		1		1		1	
1/4	3,891.50	1/4	4,279.12	1/4	4,664.31	1/4	5,033.01	1/4	5,384.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,899.58	1/2	4,287.20	1/2	4,672.18	1/2	5,040.47	1/2	5,392.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,907.65	3/4	4,295.28	3/4	4,680.06	3/4	5,047.93	3/4	5,399.94	3/4		3/4		3/4		3/4		3/4	
2	3,915.73	2	4,303.35	2	4,687.93	2	5,055.39	2	5,407.74	2		2		2		2		2	
1/4	3,923.80	1/4	4,311.43	1/4	4,695.78	1/4	5,062.82	1/4	5,415.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,931.88	1/2	4,319.50	1/2	4,703.63	1/2	5,070.25	1/2	5,423.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,939.95	3/4	4,327.58	3/4	4,711.47	3/4	5,077.68	3/4	5,431.83	3/4		3/4		3/4		3/4		3/4	
3	3,948.03	3	4,335.65	3	4,719.32	3	5,085.12	3	5,439.86	3		3		3		3		3	
1/4	3,956.10	1/4	4,343.73	1/4	4,727.13	1/4	5,092.52	1/4	5,447.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,964.18	1/2	4,351.80	1/2	4,734.95	1/2	5,099.92	1/2	5,455.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,972.26	3/4	4,359.88	3/4	4,742.76	3/4	5,107.32	3/4	5,463.64	3/4		3/4		3/4		3/4		3/4	
4	3,980.33	4	4,367.95	4	4,750.58	4	5,114.72	4	5,471.56	4		4		4		4		4	
1/4	3,988.41	1/4	4,376.03	1/4	4,758.36	1/4	5,122.08	1/4	5,478.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,996.48	1/2	4,384.11	1/2	4,766.14	1/2	5,129.45	1/2	5,485.80	1/2		1/2		1/2		1/2		1/2	
3/4	4,004.56	3/4	4,392.18	3/4	4,773.93	3/4	5,136.82	3/4	5,492.92	3/4		3/4		3/4		3/4		3/4	
5	4,012.63	5	4,400.26	5	4,781.71	5	5,144.19	5	5,500.04	5		5		5		5		5	
1/4	4,020.71	1/4	4,408.33	1/4	4,789.47	1/4	5,151.53	1/4	5,505.65	1/4		1/4		1/4		1/4		1/4	
1/2	4,028.78	1/2	4,416.41	1/2	4,797.22	1/2	5,158.87	1/2	5,511.25	1/2		1/2		1/2		1/2		1/2	
3/4	4,036.86	3/4	4,424.48	3/4	4,804.97	3/4	5,166.21	3/4	5,516.86	3/4		3/4		3/4		3/4		3/4	
6	4,044.93	6	4,432.56	6	4,812.73	6	5,173.55	6	5,522.46	6		6		6		6		6	
1/4	4,053.01	1/4	4,440.63	1/4	4,820.45	1/4	5,180.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,061.09	1/2	4,448.70	1/2	4,828.17	1/2	5,188.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,069.16	3/4	4,456.77	3/4	4,835.90	3/4	5,195.47	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,077.24	7	4,464.84	7	4,843.62	7	5,202.78	7		7		7		7		7		7	
1/4	4,085.31	1/4	4,472.90	1/4	4,851.31	1/4	5,210.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,093.39	1/2	4,480.95	1/2	4,859.00	1/2	5,217.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,101.46	3/4	4,489.01	3/4	4,866.70	3/4	5,224.61	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,109.54	8	4,497.07	8	4,874.39	8	5,231.89	8		8		8		8		8		8	
1/4	4,117.61	1/4	4,505.10	1/4	4,882.03	1/4	5,239.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,125.69	1/2	4,513.12	1/2	4,889.66	1/2	5,246.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,133.77	3/4	4,521.15	3/4	4,897.30	3/4	5,253.63	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,141.84	9	4,529.18	9	4,904.94	9	5,260.88	9		9		9		9		9		9	
1/4	4,149.92	1/4	4,537.18	1/4	4,912.52	1/4	5,268.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,157.99	1/2	4,545.18	1/2	4,920.11	1/2	5,275.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,166.07	3/4	4,553.18	3/4	4,927.69	3/4	5,282.52	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,174.14	10	4,561.18	10	4,935.28	10	5,289.74	10		10		10		10		10		10	
1/4	4,182.22	1/4	4,569.15	1/4	4,942.83	1/4	5,296.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,190.29	1/2	4,577.12	1/2	4,950.38	1/2	5,304.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,198.37	3/4	4,585.08	3/4	4,957.94	3/4	5,311.30	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,206.44	11	4,593.05	11	4,965.49	11	5,318.48	11		11		11		11		11		11	
1/4	4,214.52	1/4	4,600.99	1/4	4,973.01	1/4	5,325.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,222.60	1/2	4,608.93	1/2	4,980.53	1/2	5,332.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,230.67	3/4	4,616.86	3/4	4,988.06	3/4	5,339.95	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.94	0	362.35	0	721.38	0	1,076.03	0	1,437.85	0	1,799.65	0	2,160.95	0	2,522.63	0	2,884.15	0	3,245.66
1/4	17.96	1/4	369.89	1/4	728.70	1/4	1,083.57	1/4	1,445.39	1/4	1,807.19	1/4	2,168.48	1/4	2,530.17	1/4	2,911.68	1/4	3,253.19
1/2	22.99	1/2	377.43	1/2	736.02	1/2	1,091.11	1/2	1,452.92	1/2	1,814.73	1/2	2,176.00	1/2	2,537.70	1/2	2,899.21	1/2	3,260.72
3/4	28.02	3/4	384.97	3/4	743.34	3/4	1,098.64	3/4	1,460.46	3/4	1,822.27	3/4	2,183.52	3/4	2,545.23	3/4	2,906.74	3/4	3,268.25
1	33.05	1	392.51	1	750.66	1	1,106.18	1	1,468.00	1	1,829.80	1	2,191.05	1	2,552.76	1	2,914.27	1	3,275.78
1/4	39.96	1/4	400.05	1/4	757.98	1/4	1,113.72	1/4	1,475.54	1/4	1,837.34	1/4	2,198.57	1/4	2,560.29	1/4	2,921.80	1/4	3,283.32
1/2	46.87	1/2	407.58	1/2	765.30	1/2	1,121.26	1/2	1,483.07	1/2	1,844.88	1/2	2,206.10	1/2	2,567.82	1/2	2,929.34	1/2	3,290.85
3/4	53.78	3/4	415.12	3/4	772.62	3/4	1,128.80	3/4	1,490.61	3/4	1,852.42	3/4	2,213.62	3/4	2,575.36	3/4	2,936.87	3/4	3,298.38
2	60.70	2	422.66	2	779.95	2	1,136.34	2	1,498.15	2	1,859.95	2	2,221.15	2	2,582.89	2	2,944.40	2	3,305.91
1/4	68.24	1/4	430.19	1/4	787.27	1/4	1,143.87	1/4	1,505.69	1/4	1,867.48	1/4	2,228.68	1/4	2,590.42	1/4	2,951.93	1/4	3,313.44
1/2	75.78	1/2	437.73	1/2	794.59	1/2	1,151.41	1/2	1,513.22	1/2	1,875.01	1/2	2,236.21	1/2	2,597.95	1/2	2,959.46	1/2	3,320.97
3/4	83.32	3/4	445.27	3/4	801.91	3/4	1,158.95	3/4	1,520.76	3/4	1,882.54	3/4	2,243.74	3/4	2,605.48	3/4	2,966.99	3/4	3,328.51
3	90.86	3	452.80	3	809.24	3	1,166.49	3	1,528.30	3	1,890.07	3	2,251.28	3	2,613.01	3	2,974.52	3	3,336.04
1/4	98.40	1/4	460.34	1/4	816.56	1/4	1,174.03	1/4	1,535.84	1/4	1,897.60	1/4	2,258.82	1/4	2,620.54	1/4	2,982.06	1/4	3,343.57
1/2	105.94	1/2	467.88	1/2	823.88	1/2	1,181.56	1/2	1,543.37	1/2	1,905.12	1/2	2,266.36	1/2	2,628.08	1/2	2,989.59	1/2	3,351.10
3/4	113.49	3/4	475.42	3/4	831.21	3/4	1,189.10	3/4	1,550.91	3/4	1,912.65	3/4	2,273.90	3/4	2,635.61	3/4	2,997.12	3/4	3,358.63
4	121.03	4	482.96	4	838.53	4	1,196.64	4	1,558.45	4	1,920.17	4	2,281.44	4	2,643.14	4	3,004.65	4	3,366.16
1/4	128.57	1/4	490.51	1/4	845.85	1/4	1,204.18	1/4	1,565.99	1/4	1,927.70	1/4	2,288.98	1/4	2,650.67	1/4	3,012.18	1/4	3,373.64
1/2	136.11	1/2	498.05	1/2	853.18	1/2	1,211.72	1/2	1,573.53	1/2	1,935.22	1/2	2,296.52	1/2	2,658.20	1/2	3,019.71	1/2	3,381.11
3/4	143.65	3/4	505.59	3/4	860.50	3/4	1,219.25	3/4	1,581.06	3/4	1,942.74	3/4	2,304.06	3/4	2,665.73	3/4	3,027.25	3/4	3,388.59
5	151.19	5	513.13	5	867.82	5	1,226.79	5	1,588.60	5	1,950.27	5	2,311.60	5	2,673.26	5	3,034.78	5	3,396.06
1/4	158.73	1/4	520.67	1/4	875.15	1/4	1,234.33	1/4	1,596.14	1/4	1,957.79	1/4	2,319.14	1/4	2,680.80	1/4	3,042.31	1/4	3,403.48
1/2	166.28	1/2	528.21	1/2	882.47	1/2	1,241.87	1/2	1,603.68	1/2	1,965.32	1/2	2,326.68	1/2	2,688.33	1/2	3,049.84	1/2	3,410.91
3/4	173.82	3/4	535.75	3/4	889.79	3/4	1,249.41	3/4	1,611.21	3/4	1,972.84	3/4	2,334.23	3/4	2,695.86	3/4	3,057.37	3/4	3,418.33
6	181.36	6	543.30	6	897.12	6	1,256.94	6	1,618.75	6	1,980.37	6	2,341.77	6	2,703.39	6	3,064.90	6	3,425.75
1/4	188.90	1/4	550.84	1/4	904.45	1/4	1,264.48	1/4	1,626.29	1/4	1,987.89	1/4	2,349.31	1/4	2,710.92	1/4	3,072.43	1/4	3,433.17
1/2	196.44	1/2	558.38	1/2	911.78	1/2	1,272.02	1/2	1,633.83	1/2	1,995.41	1/2	2,356.85	1/2	2,718.45	1/2	3,079.97	1/2	3,440.59
3/4	203.98	3/4	565.92	3/4	919.11	3/4	1,279.56	3/4	1,641.36	3/4	2,002.94	3/4	2,364.39	3/4	2,725.99	3/4	3,087.50	3/4	3,448.01
7	211.52	7	573.46	7	926.44	7	1,287.10	7	1,648.90	7	2,010.46	7	2,371.93	7	2,733.52	7	3,095.03	7	3,455.43
1/4	219.07	1/4	581.00	1/4	933.78	1/4	1,294.63	1/4	1,656.44	1/4	2,017.99	1/4	2,379.47	1/4	2,741.05	1/4	3,102.56	1/4	3,462.85
1/2	226.61	1/2	588.54	1/2	941.12	1/2	1,302.17	1/2	1,663.98	1/2	2,025.51	1/2	2,387.01	1/2	2,748.58	1/2	3,110.09	1/2	3,470.27
3/4	234.15	3/4	596.08	3/4	948.46	3/4	1,309.71	3/4	1,671.51	3/4	2,033.04	3/4	2,394.54	3/4	2,756.11	3/4	3,117.62	3/4	3,477.69
8	241.69	8	603.63	8	955.81	8	1,317.25	8	1,679.05	8	2,040.56	8	2,402.09	8	2,763.64	8	3,125.15	8	3,485.11
1/4	249.23	1/4	611.07	1/4	963.25	1/4	1,324.78	1/4	1,686.59	1/4	2,048.09	1/4	2,409.63	1/4	2,771.17	1/4	3,132.69	1/4	3,492.53
1/2	256.77	1/2	618.51	1/2	970.69	1/2	1,332.32	1/2	1,694.13	1/2	2,055.61	1/2	2,417.16	1/2	2,778.71	1/2	3,140.22	1/2	3,499.95
3/4	264.31	3/4	625.96	3/4	978.13	3/4	1,339.86	3/4	1,701.66	3/4	2,063.13	3/4	2,424.70	3/4	2,786.24	3/4	3,147.75	3/4	3,507.37
9	271.86	9	633.40	9	985.57	9	1,347.40	9	1,709.20	9	2,070.66	9	2,432.24	9	2,793.77	9	3,155.28	9	3,514.79
1/4	279.40	1/4	640.74	1/4	993.11	1/4	1,354.93	1/4	1,716.74	1/4	2,078.18	1/4	2,439.78	1/4	2,801.30	1/4	3,162.81	1/4	3,522.21
1/2	286.94	1/2	648.08	1/2	1,000.65	1/2	1,362.47	1/2	1,724.28	1/2	2,085.71	1/2	2,447.31	1/2	2,808.83	1/2	3,170.34	1/2	3,529.63
3/4	294.48	3/4	655.42	3/4	1,008.19	3/4	1,370.01	3/4	1,731.81	3/4	2,093.23	3/4	2,454.85	3/4	2,816.36	3/4	3,177.88	3/4	3,537.05
10	302.02	10	662.77	10	1,015.73	10	1,377.55	10	1,739.35	10	2,100.76	10	2,462.38	10	2,823.89	10	3,185.41	10	3,544.47
1/4	309.56	1/4	670.10	1/4	1,023.26	1/4	1,385.09	1/4	1,746.89	1/4	2,108.28	1/4	2,469.91	1/4	2,831.43	1/4	3,192.94	1/4	3,551.95
1/2	317.10	1/2	677.43	1/2	1,030.80	1/2	1,392.62	1/2	1,754.43	1/2	2,115.81	1/2	2,477.45	1/2	2,838.96	1/2	3,200.47	1/2	3,559.42
3/4	324.65	3/4	684.76	3/4	1,038.34	3/4	1,400.16	3/4	1,761.97	3/4	2,123.33	3/4	2,484.98	3/4	2,846.49	3/4	3,208.00	3/4	3,566.90
11	332.19	11	692.09	11	1,045.88	11	1,407.70	11	1,769.50	11	2,130.85	11	2,492.51	11	2,854.02	11	3,215.53	11	3,574.37
1/4	339.73	1/4	699.41	1/4	1,053.42	1/4	1,415.24	1/4	1,777.04	1/4	2,138.38	1/4	2,500.04	1/4	2,861.55	1/4	3,223.06	1/4	3,581.42
1/2	347.27	1/2	706.73	1/2	1,060.95	1/2	1,422.77	1/2	1,784.58	1/2	2,145.90	1/2	2,507.57	1/2	2,869.08	1/2	3,230.60	1/2	3,588.46
3/4	354.81	3/4	714.05	3/4	1,068.49	3/4	1,430.31	3/4	1,792.12	3/4	2,153.43	3/4	2,515.10	3/4	2,876.62	3/4	3,238.13	3/4	3,595.51

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 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD

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





BARGE "CTC29103"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,602.55	0	3,872.28	0	4,138.57	0	4,390.74	0	4,624.64	0		0		0		0		0	
1/4	3,608.62	1/4	3,877.85	1/4	4,143.99	1/4	4,395.79	1/4	4,629.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,614.69	1/2	3,883.43	1/2	4,149.41	1/2	4,400.83	1/2	4,634.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.76	3/4	3,889.01	3/4	4,154.83	3/4	4,405.87	3/4	4,639.19	3/4		3/4		3/4		3/4		3/4	
1	3,626.83	1	3,894.59	1	4,160.26	1	4,410.92	1	4,644.05	1		1		1		1		1	
1/4	3,632.41	1/4	3,900.17	1/4	4,165.65	1/4	4,415.93	1/4	4,649.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.98	1/2	3,905.75	1/2	4,171.04	1/2	4,420.95	1/2	4,654.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,643.56	3/4	3,911.33	3/4	4,176.43	3/4	4,425.97	3/4	4,659.85	3/4		3/4		3/4		3/4		3/4	
2	3,649.14	2	3,916.90	2	4,181.82	2	4,430.98	2	4,665.12	2		2		2		2		2	
1/4	3,654.72	1/4	3,922.48	1/4	4,187.19	1/4	4,435.97	1/4	4,670.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.30	1/2	3,928.06	1/2	4,192.55	1/2	4,440.95	1/2	4,676.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.88	3/4	3,933.64	3/4	4,197.91	3/4	4,445.94	3/4	4,681.56	3/4		3/4		3/4		3/4		3/4	
3	3,671.45	3	3,939.22	3	4,203.28	3	4,450.93	3	4,687.04	3		3		3		3		3	
1/4	3,677.03	1/4	3,944.80	1/4	4,208.61	1/4	4,455.89	1/4	4,692.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,682.61	1/2	3,950.37	1/2	4,213.95	1/2	4,460.84	1/2	4,697.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,688.19	3/4	3,955.95	3/4	4,219.28	3/4	4,465.80	3/4	4,703.20	3/4		3/4		3/4		3/4		3/4	
4	3,693.77	4	3,961.53	4	4,224.62	4	4,470.76	4	4,708.58	4		4		4		4		4	
1/4	3,699.35	1/4	3,967.11	1/4	4,229.92	1/4	4,475.69	1/4	4,713.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,704.92	1/2	3,972.69	1/2	4,235.23	1/2	4,480.62	1/2	4,717.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,710.50	3/4	3,978.27	3/4	4,240.53	3/4	4,485.55	3/4	4,722.48	3/4		3/4		3/4		3/4		3/4	
5	3,716.08	5	3,983.84	5	4,245.84	5	4,490.48	5	4,727.11	5		5		5		5		5	
1/4	3,721.66	1/4	3,989.42	1/4	4,251.12	1/4	4,495.38	1/4	4,730.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,727.24	1/2	3,995.00	1/2	4,256.40	1/2	4,500.28	1/2	4,733.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,732.82	3/4	4,000.58	3/4	4,261.67	3/4	4,505.18	3/4	4,736.76	3/4		3/4		3/4		3/4		3/4	
6	3,738.39	6	4,006.16	6	4,266.95	6	4,510.08	6	4,739.98	6		6		6		6		6	
1/4	3,743.97	1/4	4,011.73	1/4	4,272.20	1/4	4,514.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,749.55	1/2	4,017.31	1/2	4,277.45	1/2	4,519.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,755.13	3/4	4,022.88	3/4	4,282.70	3/4	4,524.70	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,760.71	7	4,028.45	7	4,287.94	7	4,529.57	7		7		7		7		7		7	
1/4	3,766.29	1/4	4,034.01	1/4	4,293.16	1/4	4,534.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.87	1/2	4,039.57	1/2	4,298.38	1/2	4,539.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,777.44	3/4	4,045.13	3/4	4,303.61	3/4	4,544.10	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,783.02	8	4,050.69	8	4,308.83	8	4,548.94	8		8		8		8		8		8	
1/4	3,788.60	1/4	4,056.23	1/4	4,314.00	1/4	4,553.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,794.18	1/2	4,061.77	1/2	4,319.18	1/2	4,558.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,799.76	3/4	4,067.30	3/4	4,324.35	3/4	4,563.39	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,805.34	9	4,072.84	9	4,329.53	9	4,568.20	9		9		9		9		9		9	
1/4	3,810.91	1/4	4,078.34	1/4	4,334.66	1/4	4,572.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,816.49	1/2	4,083.85	1/2	4,339.79	1/2	4,577.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,822.07	3/4	4,089.36	3/4	4,344.92	3/4	4,582.46	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,827.65	10	4,094.86	10	4,350.05	10	4,587.22	10		10		10		10		10		10	
1/4	3,833.23	1/4	4,100.34	1/4	4,355.15	1/4	4,591.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.81	1/2	4,105.82	1/2	4,360.25	1/2	4,596.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.38	3/4	4,111.30	3/4	4,365.35	3/4	4,601.29	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,849.96	11	4,116.78	11	4,370.45	11	4,605.98	11		11		11		11		11		11	
1/4	3,855.54	1/4	4,122.22	1/4	4,375.52	1/4	4,610.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,861.12	1/2	4,127.67	1/2	4,380.60	1/2	4,615.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,866.70	3/4	4,133.12	3/4	4,385.67	3/4	4,619.97	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.95	0	362.58	0	717.70	0	1,062.36	0	1,423.96	0	1,785.02	0	2,142.33	0	2,503.87	0	2,865.16	0	3,226.56
1/4	17.99	1/4	370.12	1/4	724.73	1/4	1,069.89	1/4	1,431.50	1/4	1,792.46	1/4	2,149.85	1/4	2,511.39	1/4	2,872.69	1/4	3,234.08
1/2	23.03	1/2	377.66	1/2	731.76	1/2	1,077.42	1/2	1,439.03	1/2	1,799.90	1/2	2,157.37	1/2	2,518.91	1/2	2,880.22	1/2	3,241.61
3/4	28.06	3/4	385.20	3/4	738.79	3/4	1,084.94	3/4	1,446.56	3/4	1,807.34	3/4	2,164.90	3/4	2,526.44	3/4	2,887.75	3/4	3,249.14
1	33.10	1	392.74	1	745.82	1	1,092.47	1	1,454.10	1	1,814.79	1	2,172.42	1	2,533.96	1	2,895.28	1	3,256.67
1/4	40.02	1/4	400.28	1/4	752.85	1/4	1,100.01	1/4	1,461.63	1/4	1,822.23	1/4	2,179.94	1/4	2,541.49	1/4	2,902.81	1/4	3,264.20
1/2	46.94	1/2	407.82	1/2	759.88	1/2	1,107.54	1/2	1,469.16	1/2	1,829.67	1/2	2,187.47	1/2	2,549.01	1/2	2,910.34	1/2	3,271.73
3/4	53.87	3/4	415.36	3/4	766.92	3/4	1,115.07	3/4	1,476.70	3/4	1,837.11	3/4	2,194.99	3/4	2,556.53	3/4	2,917.87	3/4	3,279.26
2	60.79	2	422.89	2	773.95	2	1,122.60	2	1,484.23	2	1,844.56	2	2,202.51	2	2,564.06	2	2,925.40	2	3,286.79
1/4	68.35	1/4	430.43	1/4	780.98	1/4	1,130.14	1/4	1,491.76	1/4	1,851.99	1/4	2,210.05	1/4	2,571.58	1/4	2,932.92	1/4	3,294.32
1/2	75.90	1/2	437.97	1/2	788.02	1/2	1,137.68	1/2	1,499.30	1/2	1,859.43	1/2	2,217.58	1/2	2,579.10	1/2	2,940.45	1/2	3,301.85
3/4	83.45	3/4	445.51	3/4	795.05	3/4	1,145.21	3/4	1,506.83	3/4	1,866.86	3/4	2,225.11	3/4	2,586.63	3/4	2,947.98	3/4	3,309.37
3	91.01	3	453.04	3	802.08	3	1,152.75	3	1,514.36	3	1,874.30	3	2,232.64	3	2,594.15	3	2,955.51	3	3,316.90
1/4	98.56	1/4	460.58	1/4	809.12	1/4	1,160.29	1/4	1,521.89	1/4	1,881.73	1/4	2,240.18	1/4	2,601.68	1/4	2,963.04	1/4	3,324.43
1/2	106.11	1/2	468.12	1/2	816.15	1/2	1,167.82	1/2	1,529.43	1/2	1,889.16	1/2	2,247.72	1/2	2,609.20	1/2	2,970.57	1/2	3,331.96
3/4	113.67	3/4	475.66	3/4	823.18	3/4	1,175.36	3/4	1,536.96	3/4	1,896.59	3/4	2,255.26	3/4	2,616.72	3/4	2,978.10	3/4	3,339.49
4	121.22	4	483.20	4	830.22	4	1,182.89	4	1,544.49	4	1,904.02	4	2,262.80	4	2,624.25	4	2,985.63	4	3,347.02
1/4	128.77	1/4	490.75	1/4	837.25	1/4	1,190.43	1/4	1,552.03	1/4	1,911.45	1/4	2,270.34	1/4	2,631.77	1/4	2,993.16	1/4	3,354.49
1/2	136.32	1/2	498.29	1/2	844.28	1/2	1,197.96	1/2	1,559.56	1/2	1,918.88	1/2	2,277.88	1/2	2,639.30	1/2	3,000.69	1/2	3,361.97
3/4	143.86	3/4	505.83	3/4	851.32	3/4	1,205.49	3/4	1,567.09	3/4	1,926.31	3/4	2,285.42	3/4	2,646.83	3/4	3,008.21	3/4	3,369.44
5	151.41	5	513.37	5	858.35	5	1,213.03	5	1,574.63	5	1,933.74	5	2,292.96	5	2,654.35	5	3,015.74	5	3,376.91
1/4	158.95	1/4	520.91	1/4	865.38	1/4	1,220.56	1/4	1,582.16	1/4	1,941.17	1/4	2,300.50	1/4	2,661.88	1/4	3,023.27	1/4	3,384.33
1/2	166.50	1/2	528.46	1/2	872.41	1/2	1,228.09	1/2	1,589.69	1/2	1,948.60	1/2	2,308.04	1/2	2,669.41	1/2	3,030.80	1/2	3,391.75
3/4	174.04	3/4	536.00	3/4	879.43	3/4	1,235.63	3/4	1,597.23	3/4	1,956.03	3/4	2,315.58	3/4	2,676.94	3/4	3,038.33	3/4	3,399.17
6	181.58	6	543.54	6	886.46	6	1,243.16	6	1,604.76	6	1,963.45	6	2,323.12	6	2,684.47	6	3,045.86	6	3,406.59
1/4	189.12	1/4	551.08	1/4	893.50	1/4	1,250.70	1/4	1,612.29	1/4	1,970.88	1/4	2,330.66	1/4	2,692.00	1/4	3,053.39	1/4	3,414.01
1/2	196.66	1/2	558.62	1/2	900.54	1/2	1,258.23	1/2	1,619.83	1/2	1,978.31	1/2	2,338.20	1/2	2,699.53	1/2	3,060.92	1/2	3,421.42
3/4	204.20	3/4	566.16	3/4	907.58	3/4	1,265.76	3/4	1,627.36	3/4	1,985.74	3/4	2,345.74	3/4	2,707.05	3/4	3,068.45	3/4	3,428.84
7	211.75	7	573.71	7	914.62	7	1,273.30	7	1,634.89	7	1,993.17	7	2,353.28	7	2,714.58	7	3,075.98	7	3,436.26
1/4	219.29	1/4	581.25	1/4	921.67	1/4	1,280.83	1/4	1,642.43	1/4	2,000.60	1/4	2,360.82	1/4	2,722.11	1/4	3,083.50	1/4	3,443.68
1/2	226.83	1/2	588.79	1/2	928.73	1/2	1,288.36	1/2	1,649.96	1/2	2,008.03	1/2	2,368.35	1/2	2,729.64	1/2	3,091.03	1/2	3,451.11
3/4	234.37	3/4	596.33	3/4	935.79	3/4	1,295.90	3/4	1,657.49	3/4	2,015.46	3/4	2,375.89	3/4	2,737.17	3/4	3,098.56	3/4	3,458.53
8	241.91	8	603.87	8	942.85	8	1,303.43	8	1,665.03	8	2,022.89	8	2,383.43	8	2,744.70	8	3,106.09	8	3,465.96
1/4	249.45	1/4	611.18	1/4	950.14	1/4	1,310.97	1/4	1,672.56	1/4	2,030.32	1/4	2,390.97	1/4	2,752.23	1/4	3,113.62	1/4	3,473.38
1/2	257.00	1/2	618.49	1/2	957.44	1/2	1,318.50	1/2	1,680.09	1/2	2,037.75	1/2	2,398.50	1/2	2,759.76	1/2	3,121.15	1/2	3,480.81
3/4	264.54	3/4	625.79	3/4	964.73	3/4	1,326.03	3/4	1,687.63	3/4	2,045.18	3/4	2,406.03	3/4	2,767.29	3/4	3,128.68	3/4	3,488.24
9	272.08	9	633.10	9	972.02	9	1,333.56	9	1,695.16	9	2,052.61	9	2,413.57	9	2,774.82	9	3,136.21	9	3,495.67
1/4	279.62	1/4	640.17	1/4	979.55	1/4	1,341.10	1/4	1,702.69	1/4	2,060.04	1/4	2,421.10	1/4	2,782.34	1/4	3,143.74	1/4	3,503.10
1/2	287.16	1/2	647.24	1/2	987.08	1/2	1,348.63	1/2	1,710.22	1/2	2,067.47	1/2	2,428.62	1/2	2,789.87	1/2	3,151.27	1/2	3,510.53
3/4	294.71	3/4	654.30	3/4	994.61	3/4	1,356.16	3/4	1,717.76	3/4	2,074.90	3/4	2,436.15	3/4	2,797.40	3/4	3,158.79	3/4	3,517.96
10	302.25	10	661.37	10	1,002.14	10	1,363.70	10	1,725.29	10	2,082.33	10	2,443.68	10	2,804.93	10	3,166.32	10	3,525.39
1/4	309.79	1/4	668.42	1/4	1,009.66	1/4	1,371.23	1/4	1,732.78	1/4	2,089.80	1/4	2,451.20	1/4	2,812.46	1/4	3,173.85	1/4	3,532.88
1/2	317.33	1/2	675.47	1/2	1,017.19	1/2	1,378.76	1/2	1,740.27	1/2	2,097.28	1/2	2,458.73	1/2	2,819.99	1/2	3,181.38	1/2	3,540.36
3/4	324.87	3/4	682.52	3/4	1,024.72	3/4	1,386.30	3/4	1,747.76	3/4	2,104.76	3/4	2,466.25	3/4	2,827.52	3/4	3,188.91	3/4	3,547.85
11	332.41	11	689.57	11	1,032.25	11	1,393.83	11	1,755.24	11	2,112.23	11	2,473.77	11	2,835.05	11	3,196.44	11	3,555.33
1/4	339.96	1/4	696.60	1/4	1,039.78	1/4	1,401.36	1/4	1,762.69	1/4	2,119.76	1/4	2,481.30	1/4	2,842.58	1/4	3,203.97	1/4	3,562.39
1/2	347.50	1/2	703.63	1/2	1,047.30	1/2	1,408.90	1/2	1,770.13	1/2	2,127.28	1/2	2,488.82	1/2	2,850.11	1/2	3,211.50	1/2	3,569.44
3/4	355.04	3/4	710.66	3/4	1,054.83	3/4	1,416.43	3/4	1,777.57	3/4	2,134.80	3/4	2,496.34	3/4	2,857.63	3/4	3,219.03	3/4	3,576.50

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 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CTC29103"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,583.56	0	3,854.02	0	4,121.06	0	4,374.00	0	4,608.70	0		0		0		0		0	
1/4	3,589.64	1/4	3,859.61	1/4	4,126.50	1/4	4,379.06	1/4	4,613.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.72	1/2	3,865.21	1/2	4,131.94	1/2	4,384.12	1/2	4,618.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,601.80	3/4	3,870.80	3/4	4,137.37	3/4	4,389.18	3/4	4,623.31	3/4		3/4		3/4		3/4		3/4	
1	3,607.89	1	3,876.40	1	4,142.81	1	4,394.25	1	4,628.18	1		1		1		1		1	
1/4	3,613.48	1/4	3,881.99	1/4	4,148.22	1/4	4,399.28	1/4	4,633.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,619.08	1/2	3,887.58	1/2	4,153.62	1/2	4,404.31	1/2	4,638.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,624.67	3/4	3,893.18	3/4	4,159.03	3/4	4,409.34	3/4	4,644.03	3/4		3/4		3/4		3/4		3/4	
2	3,630.26	2	3,898.77	2	4,164.44	2	4,414.37	2	4,649.31	2		2		2		2		2	
1/4	3,635.86	1/4	3,904.36	1/4	4,169.82	1/4	4,419.38	1/4	4,654.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,641.45	1/2	3,909.96	1/2	4,175.20	1/2	4,424.38	1/2	4,660.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,647.05	3/4	3,915.55	3/4	4,180.58	3/4	4,429.38	3/4	4,665.80	3/4		3/4		3/4		3/4		3/4	
3	3,652.64	3	3,921.15	3	4,185.96	3	4,434.39	3	4,671.30	3		3		3		3		3	
1/4	3,658.23	1/4	3,926.74	1/4	4,191.31	1/4	4,439.36	1/4	4,676.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,663.83	1/2	3,932.33	1/2	4,196.66	1/2	4,444.34	1/2	4,682.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,669.42	3/4	3,937.93	3/4	4,202.01	3/4	4,449.31	3/4	4,687.50	3/4		3/4		3/4		3/4		3/4	
4	3,675.01	4	3,943.52	4	4,207.36	4	4,454.28	4	4,692.90	4		4		4		4		4	
1/4	3,680.61	1/4	3,949.12	1/4	4,212.68	1/4	4,459.23	1/4	4,697.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,686.20	1/2	3,954.71	1/2	4,218.00	1/2	4,464.18	1/2	4,702.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,691.80	3/4	3,960.30	3/4	4,223.33	3/4	4,469.12	3/4	4,706.84	3/4		3/4		3/4		3/4		3/4	
5	3,697.39	5	3,965.90	5	4,228.65	5	4,474.07	5	4,711.49	5		5		5		5		5	
1/4	3,702.98	1/4	3,971.49	1/4	4,233.94	1/4	4,478.99	1/4	4,714.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,708.58	1/2	3,977.09	1/2	4,239.23	1/2	4,483.90	1/2	4,717.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,714.17	3/4	3,982.68	3/4	4,244.53	3/4	4,488.82	3/4	4,721.17	3/4		3/4		3/4		3/4		3/4	
6	3,719.77	6	3,988.27	6	4,249.82	6	4,493.74	6	4,724.40	6		6		6		6		6	
1/4	3,725.36	1/4	3,993.86	1/4	4,255.09	1/4	4,498.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.95	1/2	3,999.45	1/2	4,260.35	1/2	4,503.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.55	3/4	4,005.04	3/4	4,265.62	3/4	4,508.40	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,742.14	7	4,010.63	7	4,270.88	7	4,513.29	7		7		7		7		7		7	
1/4	3,747.74	1/4	4,016.21	1/4	4,276.12	1/4	4,518.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,753.33	1/2	4,021.78	1/2	4,281.35	1/2	4,523.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,758.92	3/4	4,027.36	3/4	4,286.59	3/4	4,527.87	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,764.52	8	4,032.93	8	4,291.82	8	4,532.73	8		8		8		8		8		8	
1/4	3,770.11	1/4	4,038.49	1/4	4,297.02	1/4	4,537.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.70	1/2	4,044.04	1/2	4,302.21	1/2	4,542.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.30	3/4	4,049.59	3/4	4,307.40	3/4	4,547.23	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,786.89	9	4,055.14	9	4,312.59	9	4,552.06	9		9		9		9		9		9	
1/4	3,792.49	1/4	4,060.66	1/4	4,317.74	1/4	4,556.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.08	1/2	4,066.18	1/2	4,322.88	1/2	4,561.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,803.67	3/4	4,071.70	3/4	4,328.03	3/4	4,566.37	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,809.27	10	4,077.23	10	4,333.18	10	4,571.14	10		10		10		10		10		10	
1/4	3,814.86	1/4	4,082.72	1/4	4,338.29	1/4	4,575.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,820.46	1/2	4,088.21	1/2	4,343.41	1/2	4,580.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,826.05	3/4	4,093.71	3/4	4,348.53	3/4	4,585.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,831.64	11	4,099.20	11	4,353.65	11	4,589.98	11		11		11		11		11		11	
1/4	3,837.24	1/4	4,104.67	1/4	4,358.74	1/4	4,594.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,842.83	1/2	4,110.13	1/2	4,363.82	1/2	4,599.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,848.43	3/4	4,115.60	3/4	4,368.91	3/4	4,604.02	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

PORT SLOP

INNAGE TABLE GAUGE HEIGHT: 5'-08 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,057	0	2,114	0	3,155	0	4,145	0		0		0		0		0	
1/4	22	1/4	1,079	1/4	2,136	1/4	3,177	1/4	4,165	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	44	1/2	1,101	1/2	2,158	1/2	3,198	1/2	4,185	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66	3/4	1,123	3/4	2,181	3/4	3,219	3/4	4,205	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
1	88	1	1,145	1	2,203	1	3,240	1	4,225	1		1		1	1	1	1	1	1
1/4	110	1/4	1,167	1/4	2,225	1/4	3,261	1/4	4,245	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	132	1/2	1,189	1/2	2,247	1/2	3,282	1/2	4,265	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	154	3/4	1,211	3/4	2,269	3/4	3,303	3/4	4,285	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
2	176	2	1,233	2	2,291	2	3,324	2	4,305	2		2		2	2	2	2	2	2
1/4	198	1/4	1,255	1/4	2,313	1/4	3,345	1/4	4,325	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	220	1/2	1,277	1/2	2,335	1/2	3,366	1/2	4,344	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	242	3/4	1,299	3/4	2,357	3/4	3,387	3/4	4,364	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
3	264	3	1,322	3	2,379	3	3,408	3	4,383	3		3		3	3	3	3	3	3
1/4	286	1/4	1,344	1/4	2,401	1/4	3,429	1/4	4,402	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	308	1/2	1,366	1/2	2,423	1/2	3,450	1/2	4,421	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	330	3/4	1,388	3/4	2,445	3/4	3,471	3/4	4,440	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	352	4	1,410	4	2,466	4	3,491	4	4,459	4		4		4	4	4	4	4	4
1/4	374	1/4	1,432	1/4	2,488	1/4	3,512	1/4	4,477	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	396	1/2	1,454	1/2	2,510	1/2	3,533	1/2	4,496	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	418	3/4	1,476	3/4	2,532	3/4	3,554	3/4	4,515	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	441	5	1,498	5	2,554	5	3,574	5	4,533	5		5		5	5	5	5	5	5
1/4	463	1/4	1,520	1/4	2,576	1/4	3,595	1/4	4,552	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	485	1/2	1,542	1/2	2,597	1/2	3,616	1/2	4,571	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	507	3/4	1,564	3/4	2,619	3/4	3,636	3/4	4,589	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	529	6	1,586	6	2,641	6	3,657	6	4,608	6		6		6	6	6	6	6	6
1/4	551	1/4	1,608	1/4	2,662	1/4	3,678	1/4	4,626	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	573	1/2	1,630	1/2	2,684	1/2	3,698	1/2	4,645	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	595	3/4	1,652	3/4	2,706	3/4	3,719	3/4	4,663	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	617	7	1,674	7	2,727	7	3,739	7	4,682	7		7		7	7	7	7	7	7
1/4	639	1/4	1,696	1/4	2,749	1/4	3,760	1/4	4,700	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	661	1/2	1,718	1/2	2,770	1/2	3,780	1/2	4,719	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	683	3/4	1,740	3/4	2,792	3/4	3,801	3/4	4,737	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	705	8	1,762	8	2,814	8	3,821	8	4,756	8		8		8	8	8	8	8	8
1/4	727	1/4	1,784	1/4	2,835	1/4	3,842	1/4	4,774	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	749	1/2	1,806	1/2	2,857	1/2	3,862	1/2	4,793	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	771	3/4	1,828	3/4	2,878	3/4	3,882	3/4	4,812	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	793	9	1,850	9	2,900	9	3,903	9		9		9		9	9	9	9	9	9
1/4	815	1/4	1,872	1/4	2,921	1/4	3,923	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	837	1/2	1,894	1/2	2,942	1/2	3,943	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	859	3/4	1,916	3/4	2,964	3/4	3,964	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	881	10	1,938	10	2,985	10	3,984	10		10		10		10	10	10	10	10	10
1/4	903	1/4	1,960	1/4	3,007	1/4	4,004	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	925	1/2	1,982	1/2	3,028	1/2	4,024	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	947	3/4	2,004	3/4	3,049	3/4	4,044	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	969	11	2,026	11	3,070	11	4,065	11		11		11		11	11	11	11	11	11
1/4	991	1/4	2,048	1/4	3,092	1/4	4,085	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,013	1/2	2,070	1/2	3,113	1/2	4,105	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,035	3/4	2,092	3/4	3,134	3/4	4,125	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE

STRAPPED: 07/09/2020 CL
 CALCULATED: 07/09/2020 CL
 PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

STBD SLOP

INNAGE TABLE GAUGE HEIGHT: 5'-08 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,061	0	2,122	0	3,167	0	4,161	0		0		0		0		0	
1/4	22	1/4	1,083	1/4	2,145	1/4	3,188	1/4	4,181	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	44	1/2	1,105	1/2	2,167	1/2	3,210	1/2	4,201	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	66	3/4	1,128	3/4	2,189	3/4	3,231	3/4	4,221	3/4		3/4		3/4	3/4	3/4		3/4	
1	88	1	1,150	1	2,211	1	3,252	1	4,241	1		1		1	1	1		1	
1/4	111	1/4	1,172	1/4	2,233	1/4	3,273	1/4	4,261	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	133	1/2	1,194	1/2	2,255	1/2	3,294	1/2	4,281	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	155	3/4	1,216	3/4	2,277	3/4	3,315	3/4	4,301	3/4		3/4		3/4	3/4	3/4		3/4	
2	177	2	1,238	2	2,299	2	3,337	2	4,321	2		2		2	2	2		2	
1/4	199	1/4	1,260	1/4	2,321	1/4	3,358	1/4	4,341	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	221	1/2	1,282	1/2	2,343	1/2	3,379	1/2	4,360	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	243	3/4	1,304	3/4	2,366	3/4	3,400	3/4	4,380	3/4		3/4		3/4	3/4	3/4		3/4	
3	265	3	1,327	3	2,388	3	3,421	3	4,400	3		3		3	3	3		3	
1/4	287	1/4	1,349	1/4	2,410	1/4	3,442	1/4	4,419	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	310	1/2	1,371	1/2	2,432	1/2	3,463	1/2	4,438	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	332	3/4	1,393	3/4	2,454	3/4	3,483	3/4	4,456	3/4		3/4		3/4	3/4	3/4		3/4	
4	354	4	1,415	4	2,476	4	3,504	4	4,475	4		4		4	4	4		4	
1/4	376	1/4	1,437	1/4	2,498	1/4	3,525	1/4	4,494	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	398	1/2	1,459	1/2	2,519	1/2	3,546	1/2	4,513	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	420	3/4	1,481	3/4	2,541	3/4	3,567	3/4	4,532	3/4		3/4		3/4	3/4	3/4		3/4	
5	442	5	1,503	5	2,563	5	3,588	5	4,550	5		5		5	5	5		5	
1/4	464	1/4	1,526	1/4	2,585	1/4	3,609	1/4	4,569	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	486	1/2	1,548	1/2	2,607	1/2	3,629	1/2	4,588	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	509	3/4	1,570	3/4	2,629	3/4	3,650	3/4	4,606	3/4		3/4		3/4	3/4	3/4		3/4	
6	531	6	1,592	6	2,651	6	3,671	6	4,625	6		6		6	6	6		6	
1/4	553	1/4	1,614	1/4	2,672	1/4	3,691	1/4	4,644	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	575	1/2	1,636	1/2	2,694	1/2	3,712	1/2	4,662	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	597	3/4	1,658	3/4	2,716	3/4	3,733	3/4	4,681	3/4		3/4		3/4	3/4	3/4		3/4	
7	619	7	1,680	7	2,737	7	3,753	7	4,700	7		7		7	7	7		7	
1/4	641	1/4	1,702	1/4	2,759	1/4	3,774	1/4	4,718	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	663	1/2	1,724	1/2	2,781	1/2	3,794	1/2	4,737	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	685	3/4	1,747	3/4	2,802	3/4	3,815	3/4	4,755	3/4		3/4		3/4	3/4	3/4		3/4	
8	707	8	1,769	8	2,824	8	3,836	8	4,774	8		8		8	8	8		8	
1/4	730	1/4	1,791	1/4	2,846	1/4	3,856	1/4	4,792	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	752	1/2	1,813	1/2	2,867	1/2	3,876	1/2	4,810	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	774	3/4	1,835	3/4	2,889	3/4	3,897	3/4	4,829	3/4		3/4		3/4	3/4	3/4		3/4	
9	796	9	1,857	9	2,910	9	3,917	9		9		9		9	9	9		9	
1/4	818	1/4	1,879	1/4	2,932	1/4	3,938	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	840	1/2	1,901	1/2	2,953	1/2	3,958	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	862	3/4	1,923	3/4	2,975	3/4	3,978	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
10	884	10	1,946	10	2,996	10	3,999	10		10		10		10	10	10		10	
1/4	906	1/4	1,968	1/4	3,018	1/4	4,019	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	929	1/2	1,990	1/2	3,039	1/2	4,039	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	951	3/4	2,012	3/4	3,061	3/4	4,060	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
11	973	11	2,034	11	3,082	11	4,080	11		11		11		11	11	11		11	
1/4	995	1/4	2,056	1/4	3,103	1/4	4,100	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	1,017	1/2	2,078	1/2	3,125	1/2	4,120	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	1,039	3/4	2,100	3/4	3,146	3/4	4,140	3/4		3/4		3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE

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 ALL PRIOR TO 07/2020

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CTC29103"

FUEL TANK

INNAGE TABLE GAUGE HEIGHT: 5'-03 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	193	0	385	0	578	0	771	0		0		0		0		0	
1/4	4	1/4	197	1/4	389	1/4	582	1/4	775	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	201	1/2	393	1/2	586	1/2	779	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	205	3/4	397	3/4	590	3/4	783	3/4		3/4		3/4		3/4		3/4	
1	16	1	209	1	401	1	594	1	787	1		1		1		1		1	
1/4	20	1/4	213	1/4	405	1/4	598	1/4	791	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	217	1/2	409	1/2	602	1/2	795	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	221	3/4	413	3/4	606	3/4	799	3/4		3/4		3/4		3/4		3/4	
2	32	2	225	2	417	2	610	2	803	2		2		2		2		2	
1/4	36	1/4	229	1/4	421	1/4	614	1/4	807	1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	233	1/2	425	1/2	618	1/2	811	1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	237	3/4	430	3/4	622	3/4	815	3/4		3/4		3/4		3/4		3/4	
3	48	3	241	3	434	3	626	3	819	3		3		3		3		3	
1/4	52	1/4	245	1/4	438	1/4	630	1/4	823	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	249	1/2	442	1/2	634	1/2	827	1/2		1/2		1/2		1/2		1/2	
3/4	60	3/4	253	3/4	446	3/4	638	3/4	831	3/4		3/4		3/4		3/4		3/4	
4	64	4	257	4	450	4	642	4	835	4		4		4		4		4	
1/4	68	1/4	261	1/4	454	1/4	646	1/4	839	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	265	1/2	458	1/2	650	1/2	843	1/2		1/2		1/2		1/2		1/2	
3/4	76	3/4	269	3/4	462	3/4	654	3/4	847	3/4		3/4		3/4		3/4		3/4	
5	80	5	273	5	466	5	658	5	851	5		5		5		5		5	
1/4	84	1/4	277	1/4	470	1/4	662	1/4	855	1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	281	1/2	474	1/2	666	1/2	859	1/2		1/2		1/2		1/2		1/2	
3/4	92	3/4	285	3/4	478	3/4	670	3/4	863	3/4		3/4		3/4		3/4		3/4	
6	96	6	289	6	482	6	674	6	867	6		6		6		6		6	
1/4	100	1/4	293	1/4	486	1/4	678	1/4	871	1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	297	1/2	490	1/2	682	1/2	875	1/2		1/2		1/2		1/2		1/2	
3/4	108	3/4	301	3/4	494	3/4	686	3/4	879	3/4		3/4		3/4		3/4		3/4	
7	112	7	305	7	498	7	690	7	883	7		7		7		7		7	
1/4	116	1/4	309	1/4	502	1/4	694	1/4	887	1/4		1/4		1/4		1/4		1/4	
1/2	120	1/2	313	1/2	506	1/2	698	1/2	891	1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	317	3/4	510	3/4	702	3/4	895	3/4		3/4		3/4		3/4		3/4	
8	128	8	321	8	514	8	706	8	899	8		8		8		8		8	
1/4	132	1/4	325	1/4	518	1/4	710	1/4	903	1/4		1/4		1/4		1/4		1/4	
1/2	136	1/2	329	1/2	522	1/2	715	1/2	907	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	333	3/4	526	3/4	719	3/4	911	3/4		3/4		3/4		3/4		3/4	
9	145	9	337	9	530	9	723	9		9		9		9		9		9	
1/4	149	1/4	341	1/4	534	1/4	727	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153	1/2	345	1/2	538	1/2	731	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	349	3/4	542	3/4	735	3/4		3/4		3/4		3/4		3/4		3/4	
10	161	10	353	10	546	10	739	10		10		10		10		10		10	
1/4	165	1/4	357	1/4	550	1/4	743	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169	1/2	361	1/2	554	1/2	747	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	173	3/4	365	3/4	558	3/4	751	3/4		3/4		3/4		3/4		3/4		3/4	
11	177	11	369	11	562	11	755	11		11		11		11		11		11	
1/4	181	1/4	373	1/4	566	1/4	759	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	185	1/2	377	1/2	570	1/2	763	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	189	3/4	381	3/4	574	3/4	767	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" PIPE

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BARGE "CTC29103"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 9, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

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BARGE "CTC29103"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	4,305.56	0	3,996.93	0	3,671.69	0	3,339.76	0	3,007.83	0	2,675.89	0	2,343.96	0	2,012.02		
1/4	1/4	4,598.10	4,299.31	1/4	3,990.32	1/4	3,664.77	1/4	3,332.84	1/4	3,000.91	1/4	2,668.98	1/4	2,337.04	1/4	2,005.10		
1/2	1/2	4,593.30	4,293.02	1/2	3,983.68	1/2	3,657.86	1/2	3,325.93	1/2	2,994.00	1/2	2,662.06	1/2	2,330.13	1/2	1,998.19		
3/4	3/4	4,588.50	4,286.74	3/4	3,977.04	3/4	3,650.94	3/4	3,319.01	3/4	2,987.08	3/4	2,655.15	3/4	2,323.21	3/4	1,991.27		
1	1	4,583.70	4,280.45	1	3,970.40	1	3,644.03	1	3,312.10	1	2,980.17	1	2,648.23	1	2,316.30	1	1,984.35		
1/4	1/4	4,578.90	4,274.17	1/4	3,963.76	1/4	3,637.11	1/4	3,305.18	1/4	2,973.25	1/4	2,641.32	1/4	2,309.38	1/4	1,977.43		
1/2	1/2	4,572.80	4,267.86	1/2	3,957.10	1/2	3,630.20	1/2	3,298.27	1/2	2,966.34	1/2	2,634.40	1/2	2,302.47	1/2	1,970.51		
3/4	3/4	4,566.71	4,261.55	3/4	3,950.43	3/4	3,623.28	3/4	3,291.35	3/4	2,959.42	3/4	2,627.49	3/4	2,295.55	3/4	1,963.60		
2	2	4,560.61	4,255.24	2	3,943.77	2	3,616.37	2	3,284.44	2	2,952.51	2	2,620.57	2	2,288.64	2	1,956.68		
1/4	1/4	4,554.51	4,248.93	1/4	3,937.10	1/4	3,609.45	1/4	3,277.52	1/4	2,945.59	1/4	2,613.66	1/4	2,281.72	1/4	1,949.76		
1/2	1/2	4,547.72	4,242.59	1/2	3,930.41	1/2	3,602.54	1/2	3,270.61	1/2	2,938.67	1/2	2,606.74	1/2	2,274.81	1/2	1,942.84		
3/4	3/4	4,540.94	4,236.25	3/4	3,923.72	3/4	3,595.62	3/4	3,263.69	3/4	2,931.76	3/4	2,599.83	3/4	2,267.89	3/4	1,935.92		
3	3	4,534.15	4,229.91	3	3,917.02	3	3,588.71	3	3,256.78	3	2,924.84	3	2,592.91	3	2,260.98	3	1,929.01		
1/4	1/4	4,527.36	4,223.58	1/4	3,910.33	1/4	3,581.79	1/4	3,249.86	1/4	2,917.93	1/4	2,585.99	1/4	2,254.06	1/4	1,922.09		
1/2	1/2	4,520.48	4,217.21	1/2	3,903.61	1/2	3,574.88	1/2	3,242.95	1/2	2,911.01	1/2	2,579.08	1/2	2,247.14	1/2	1,915.17		
3/4	3/4	4,513.61	4,210.85	3/4	3,896.90	3/4	3,567.96	3/4	3,236.03	3/4	2,904.10	3/4	2,572.16	3/4	2,240.23	3/4	1,908.25		
4	4	4,506.73	4,204.49	4	3,890.18	4	3,561.05	4	3,229.12	4	2,897.18	4	2,565.25	4	2,233.31	4	1,901.33		
1/4	1/4	4,499.86	4,198.12	1/4	3,883.46	1/4	3,554.13	1/4	3,222.20	1/4	2,890.27	1/4	2,558.33	1/4	2,226.40	1/4	1,894.42		
1/2	1/2	4,493.17	4,191.74	1/2	3,876.72	1/2	3,547.22	1/2	3,215.29	1/2	2,883.35	1/2	2,551.42	1/2	2,219.48	1/2	1,887.50		
3/4	3/4	4,486.49	4,185.35	3/4	3,869.97	3/4	3,540.30	3/4	3,208.37	3/4	2,876.44	3/4	2,544.50	3/4	2,212.57	3/4	1,880.58		
5	5	4,479.81	4,178.96	5	3,863.23	5	3,533.38	5	3,201.46	5	2,869.52	5	2,537.59	5	2,205.65	5	1,873.66		
1/4	1/4	4,473.13	4,172.57	1/4	3,856.48	1/4	3,526.47	1/4	3,194.54	1/4	2,862.61	1/4	2,530.67	1/4	2,198.74	1/4	1,866.74		
1/2	1/2	4,466.83	4,166.15	1/2	3,849.71	1/2	3,519.55	1/2	3,187.62	1/2	2,855.69	1/2	2,523.76	1/2	2,191.82	1/2	1,859.83		
3/4	3/4	4,460.53	4,159.74	3/4	3,842.94	3/4	3,512.64	3/4	3,180.71	3/4	2,848.78	3/4	2,516.84	3/4	2,184.91	3/4	1,852.91		
6	6	4,454.23	4,153.32	6	3,836.17	6	3,505.72	6	3,173.79	6	2,841.86	6	2,509.93	6	2,177.99	6	1,845.99		
1/4	1/4	4,447.93	4,146.90	1/4	3,829.40	1/4	3,498.81	1/4	3,166.88	1/4	2,834.95	1/4	2,503.01	1/4	2,171.08	1/4	1,839.07		
1/2	1/2	4,441.80	4,140.46	1/2	3,822.60	1/2	3,491.89	1/2	3,159.96	1/2	2,828.03	1/2	2,496.10	1/2	2,164.16	1/2	1,832.15		
3/4	3/4	4,435.67	4,134.02	3/4	3,815.80	3/4	3,484.98	3/4	3,153.05	3/4	2,821.11	3/4	2,489.18	3/4	2,157.25	3/4	1,825.24		
7	7	4,429.55	4,127.58	7	3,809.01	7	3,478.06	7	3,146.13	7	2,814.20	7	2,482.27	7	2,150.33	7	1,818.32		
1/4	1/4	4,423.42	4,121.14	1/4	3,802.21	1/4	3,471.15	1/4	3,139.22	1/4	2,807.28	1/4	2,475.35	1/4	2,143.42	1/4	1,811.40		
1/2	1/2	4,417.27	4,114.67	1/2	3,795.39	1/2	3,464.23	1/2	3,132.30	1/2	2,800.37	1/2	2,468.43	1/2	2,136.50	1/2	1,804.48		
3/4	3/4	4,411.11	4,108.20	3/4	3,788.56	3/4	3,457.32	3/4	3,125.39	3/4	2,793.45	3/4	2,461.52	3/4	2,129.58	3/4	1,797.56		
8	8	4,404.96	4,101.73	8	3,781.74	8	3,450.40	8	3,118.47	8	2,786.54	8	2,454.60	8	2,122.67	8	1,790.65		
1/4	1/4	4,398.81	4,095.26	1/4	3,774.92	1/4	3,443.49	1/4	3,111.56	1/4	2,779.62	1/4	2,447.69	1/4	2,115.75	1/4	1,783.73		
1/2	1/2	4,392.63	4,088.77	1/2	3,768.07	1/2	3,436.57	1/2	3,104.64	1/2	2,772.71	1/2	2,440.77	1/2	2,108.84	1/2	1,776.81		
3/4	3/4	4,386.45	4,082.27	3/4	3,761.22	3/4	3,429.66	3/4	3,097.73	3/4	2,765.79	3/4	2,433.86	3/4	2,101.92	3/4	1,769.89		
9	9	4,380.27	4,075.78	9	3,754.37	9	3,422.74	9	3,090.81	9	2,758.88	9	2,426.94	9	2,095.01	9	1,762.97		
1/4	1/4	4,374.09	4,069.28	1/4	3,747.52	1/4	3,415.83	1/4	3,083.90	1/4	2,751.96	1/4	2,420.03	1/4	2,088.09	1/4	1,756.06		
1/2	1/2	4,367.88	4,062.74	1/2	3,740.64	1/2	3,408.91	1/2	3,076.98	1/2	2,745.05	1/2	2,413.11	1/2	2,081.18	1/2	1,749.14		
3/4	3/4	4,361.68	4,056.20	3/4	3,733.77	3/4	3,402.00	3/4	3,070.07	3/4	2,738.13	3/4	2,406.20	3/4	2,074.26	3/4	1,742.22		
10	10	4,355.47	4,049.66	10	3,726.89	10	3,395.08	10	3,063.15	10	2,731.22	10	2,399.28	10	2,067.35	10	1,735.30		
1/4	1/4	4,349.27	4,043.12	1/4	3,720.02	1/4	3,388.17	1/4	3,056.24	1/4	2,724.30	1/4	2,392.37	1/4	2,060.43	1/4	1,728.38		
1/2	1/2	4,343.03	4,036.53	1/2	3,713.12	1/2	3,381.25	1/2	3,049.32	1/2	2,717.39	1/2	2,385.45	1/2	2,053.52	1/2	1,721.47		
3/4	3/4	4,336.80	4,029.95	3/4	3,706.22	3/4	3,374.34	3/4	3,042.41	3/4	2,710.47	3/4	2,378.54	3/4	2,046.60	3/4	1,714.55		
11	11	4,330.57	4,023.36	11	3,699.32	11	3,367.42	11	3,035.49	11	2,703.55	11	2,371.62	11	2,039.69	11	1,707.63		
1/4	1/4	4,324.34	4,016.77	1/4	3,692.42	1/4	3,360.50	1/4	3,028.58	1/4	2,696.64	1/4	2,364.70	1/4	2,032.78	1/4	1,700.71		
1/2	1/2	4,318.08	4,010.16	1/2	3,685.51	1/2	3,353.59	1/2	3,021.66	1/2	2,689.72	1/2	2,357.79	1/2	2,025.86	1/2	1,693.79		
3/4	3/4	4,311.82	4,003.55	3/4	3,678.60	3/4	3,346.67	3/4	3,014.74	3/4	2,682.81	3/4	2,350.87	3/4	2,018.94	3/4	1,686.88		

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

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



BARGE "CTC29103"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,679.96	0	1,347.89	0	1,016.13	0	698.81	0	404.89	0	133.03	0		0		0		0	
1/4	1,673.04	1/4	1,340.98	1/4	1,009.27	1/4	692.44	1/4	398.97	1/4	127.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,666.12	1/2	1,334.06	1/2	1,002.45	1/2	686.11	1/2	393.10	1/2	122.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,659.20	3/4	1,327.14	3/4	995.63	3/4	679.79	3/4	387.23	3/4	116.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,652.29	1	1,320.22	1	988.81	1	673.46	1	381.36	1	111.40	1	1	1	1	1	1	1	1
1/4	1,645.37	1/4	1,313.30	1/4	981.99	1/4	667.14	1/4	375.49	1/4	106.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,638.45	1/2	1,306.39	1/2	975.21	1/2	660.86	1/2	369.65	1/2	100.64	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,631.53	3/4	1,299.47	3/4	968.43	3/4	654.57	3/4	363.82	3/4	95.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,624.61	2	1,292.55	2	961.65	2	648.29	2	357.99	2	89.92	2	2	2	2	2	2	2	2
1/4	1,617.70	1/4	1,285.63	1/4	954.87	1/4	642.00	1/4	352.16	1/4	84.57	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,610.78	1/2	1,278.71	1/2	948.13	1/2	635.76	1/2	346.37	1/2	79.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,603.86	3/4	1,271.80	3/4	941.39	3/4	629.51	3/4	340.57	3/4	73.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,596.94	3	1,264.88	3	934.65	3	623.27	3	334.78	3	68.61	3	3	3	3	3	3	3	3
1/4	1,590.02	1/4	1,257.96	1/4	927.91	1/4	617.03	1/4	328.99	1/4	63.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,583.11	1/2	1,251.04	1/2	921.21	1/2	610.82	1/2	323.24	1/2	58.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,576.19	3/4	1,244.12	3/4	914.51	3/4	604.61	3/4	317.49	3/4	52.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,569.27	4	1,237.21	4	907.81	4	598.41	4	311.75	4	47.45	4	4	4	4	4	4	4	4
1/4	1,562.35	1/4	1,230.29	1/4	901.11	1/4	592.20	1/4	306.00	1/4	42.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,555.43	1/2	1,223.37	1/2	894.45	1/2	586.04	1/2	300.29	1/2	37.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,548.52	3/4	1,216.45	3/4	887.79	3/4	579.88	3/4	294.58	3/4	32.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,541.60	5	1,209.53	5	881.12	5	573.71	5	288.87	5	28.18	5	5	5	5	5	5	5	5
1/4	1,534.68	1/4	1,202.62	1/4	874.46	1/4	567.55	1/4	283.16	1/4	23.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,527.76	1/2	1,195.70	1/2	867.84	1/2	561.42	1/2	277.48	1/2	20.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,520.84	3/4	1,188.78	3/4	861.22	3/4	555.30	3/4	271.81	3/4	16.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,513.93	6	1,181.86	6	854.60	6	549.18	6	266.14	6	13.51	6	6	6	6	6	6	6	6
1/4	1,507.01	1/4	1,174.94	1/4	847.97	1/4	543.05	1/4	260.47	1/4	10.18	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,500.09	1/2	1,168.03	1/2	841.39	1/2	536.97	1/2	254.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,493.17	3/4	1,161.11	3/4	834.81	3/4	530.88	3/4	249.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,486.25	7	1,154.19	7	828.23	7	524.80	7	243.56	7		7	7	7	7	7	7	7	7
1/4	1,479.34	1/4	1,147.27	1/4	821.65	1/4	518.71	1/4	237.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,472.42	1/2	1,140.35	1/2	815.10	1/2	512.66	1/2	232.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,465.50	3/4	1,133.44	3/4	808.56	3/4	506.60	3/4	226.73	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,458.58	8	1,126.52	8	802.02	8	500.55	8	221.14	8		8	8	8	8	8	8	8	8
1/4	1,451.66	1/4	1,119.60	1/4	795.47	1/4	494.49	1/4	215.54	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,444.75	1/2	1,112.68	1/2	788.97	1/2	488.46	1/2	209.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,437.83	3/4	1,105.76	3/4	782.47	3/4	482.44	3/4	204.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,430.91	9	1,098.85	9	775.96	9	476.41	9	198.88	9		9	9	9	9	9	9	9	9
1/4	1,423.99	1/4	1,091.93	1/4	769.46	1/4	470.38	1/4	193.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,417.07	1/2	1,085.02	1/2	763.00	1/2	464.39	1/2	187.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,410.16	3/4	1,078.10	3/4	756.53	3/4	458.40	3/4	182.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,403.24	10	1,071.19	10	750.07	10	452.41	10	176.77	10		10	10	10	10	10	10	10	10
1/4	1,396.32	1/4	1,064.28	1/4	743.60	1/4	446.42	1/4	171.25	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,389.40	1/2	1,057.38	1/2	737.18	1/2	440.47	1/2	165.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,382.48	3/4	1,050.49	3/4	730.76	3/4	434.52	3/4	160.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,375.57	11	1,043.60	11	724.34	11	428.57	11	154.82	11		11	11	11	11	11	11	11	11
1/4	1,368.65	1/4	1,036.70	1/4	717.92	1/4	422.62	1/4	149.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,361.73	1/2	1,029.84	1/2	711.55	1/2	416.71	1/2	143.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,354.81	3/4	1,022.99	3/4	705.18	3/4	410.80	3/4	138.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTC29103"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,302.32	0	3,994.66	0	3,670.35	0	3,339.07	0	3,007.78	0	2,676.49	0	2,345.19	0	2,013.89
1/4	1/4	1/4	1/4	1/4	4,296.08	1/4	3,988.06	1/4	3,663.45	1/4	3,332.16	1/4	3,000.88	1/4	2,669.58	1/4	2,338.29	1/4	2,006.99
1/2	1/2	1/2	1/2	1/2	4,588.03	1/2	4,289.83	1/2	3,981.46	1/2	3,656.55	1/2	3,325.26	1/2	2,993.98	1/2	2,662.68	1/2	2,331.39
3/4	3/4	3/4	3/4	3/4	4,583.24	3/4	4,283.56	3/4	3,974.83	3/4	3,649.65	3/4	3,318.36	3/4	2,987.07	3/4	2,655.78	3/4	2,324.49
1	1	1	1	1	4,578.45	1	4,277.29	1	3,968.21	1	3,642.74	1	3,311.46	1	2,980.17	1	2,648.88	1	2,317.59
1/4	1/4	1/4	1/4	1/4	4,573.66	1/4	4,271.02	1/4	3,961.58	1/4	3,635.84	1/4	3,304.56	1/4	2,973.27	1/4	2,641.98	1/4	2,310.68
1/2	1/2	1/2	1/2	1/2	4,568.87	1/2	4,264.74	1/2	3,954.96	1/2	3,628.94	1/2	3,297.65	1/2	2,966.37	1/2	2,635.07	1/2	2,303.78
3/4	3/4	3/4	3/4	3/4	4,562.79	3/4	4,258.45	3/4	3,948.30	3/4	3,622.04	3/4	3,290.75	3/4	2,959.47	3/4	2,628.17	3/4	2,296.88
2	2	2	2	2	4,556.70	2	4,252.15	2	3,941.65	2	3,615.14	2	3,283.85	2	2,952.56	2	2,621.27	2	2,289.98
1/4	1/4	1/4	1/4	1/4	4,550.62	1/4	4,245.85	1/4	3,935.00	1/4	3,608.24	1/4	3,276.95	1/4	2,945.66	1/4	2,614.37	1/4	2,283.08
1/2	1/2	1/2	1/2	1/2	4,544.53	1/2	4,239.55	1/2	3,928.34	1/2	3,601.33	1/2	3,270.05	1/2	2,938.76	1/2	2,607.47	1/2	2,276.17
3/4	3/4	3/4	3/4	3/4	4,537.76	3/4	4,233.23	3/4	3,921.67	3/4	3,594.43	3/4	3,263.15	3/4	2,931.86	3/4	2,600.56	3/4	2,269.27
3	3	3	3	3	4,530.98	3	4,226.90	3	3,914.99	3	3,587.53	3	3,256.24	3	2,924.95	3	2,593.66	3	2,262.37
1/4	1/4	1/4	1/4	1/4	4,524.20	1/4	4,220.58	1/4	3,908.31	1/4	3,580.63	1/4	3,249.34	1/4	2,918.05	1/4	2,586.76	1/4	2,255.47
1/2	1/2	1/2	1/2	1/2	4,517.43	1/2	4,214.26	1/2	3,901.63	1/2	3,573.73	1/2	3,242.44	1/2	2,911.15	1/2	2,579.86	1/2	2,248.57
3/4	3/4	3/4	3/4	3/4	4,510.57	3/4	4,207.90	3/4	3,894.92	3/4	3,566.82	3/4	3,235.54	3/4	2,904.25	3/4	2,572.96	3/4	2,241.67
4	4	4	4	4	4,503.70	4	4,201.55	4	3,888.22	4	3,559.92	4	3,228.64	4	2,897.35	4	2,566.05	4	2,234.76
1/4	1/4	1/4	1/4	1/4	4,496.84	1/4	4,195.20	1/4	3,881.51	1/4	3,553.02	1/4	3,221.73	1/4	2,890.44	1/4	2,559.15	1/4	2,227.86
1/2	1/2	1/2	1/2	1/2	4,489.98	1/2	4,188.85	1/2	3,874.81	1/2	3,546.12	1/2	3,214.83	1/2	2,883.54	1/2	2,552.25	1/2	2,220.96
3/4	3/4	3/4	3/4	3/4	4,483.31	3/4	4,182.48	3/4	3,868.08	3/4	3,539.22	3/4	3,207.93	3/4	2,876.64	3/4	2,545.35	3/4	2,214.06
5	5	5	5	5	4,476.64	5	4,176.10	5	3,861.35	5	3,532.32	5	3,201.03	5	2,869.74	5	2,538.45	5	2,207.16
1/4	1/4	1/4	1/4	1/4	4,469.97	1/4	4,169.72	1/4	3,854.62	1/4	3,525.41	1/4	3,194.13	1/4	2,862.84	1/4	2,531.55	1/4	2,200.25
1/2	1/2	1/2	1/2	1/2	4,463.31	1/2	4,163.35	1/2	3,847.88	1/2	3,518.51	1/2	3,187.23	1/2	2,855.93	1/2	2,524.64	1/2	2,193.35
3/4	3/4	3/4	3/4	3/4	4,457.02	3/4	4,156.94	3/4	3,841.13	3/4	3,511.61	3/4	3,180.32	3/4	2,849.03	3/4	2,517.74	3/4	2,186.45
6	6	6	6	6	4,450.73	6	4,150.54	6	3,834.37	6	3,504.71	6	3,173.42	6	2,842.13	6	2,510.84	6	2,179.55
1/4	1/4	1/4	1/4	1/4	4,444.44	1/4	4,144.14	1/4	3,827.61	1/4	3,497.81	1/4	3,166.52	1/4	2,835.23	1/4	2,503.94	1/4	2,172.65
1/2	1/2	1/2	1/2	1/2	4,438.15	1/2	4,137.73	1/2	3,820.85	1/2	3,490.90	1/2	3,159.62	1/2	2,828.33	1/2	2,497.04	1/2	2,165.74
3/4	3/4	3/4	3/4	3/4	4,432.04	3/4	4,131.30	3/4	3,814.07	3/4	3,484.00	3/4	3,152.72	3/4	2,821.42	3/4	2,490.13	3/4	2,158.84
7	7	7	7	7	4,425.92	7	4,124.88	7	3,807.29	7	3,477.10	7	3,145.81	7	2,814.52	7	2,483.23	7	2,151.94
1/4	1/4	1/4	1/4	1/4	4,419.81	1/4	4,118.45	1/4	3,800.50	1/4	3,470.20	1/4	3,138.91	1/4	2,807.62	1/4	2,476.33	1/4	2,145.04
1/2	1/2	1/2	1/2	1/2	4,413.70	1/2	4,112.02	1/2	3,793.72	1/2	3,463.30	1/2	3,132.01	1/2	2,800.72	1/2	2,469.43	1/2	2,138.14
3/4	3/4	3/4	3/4	3/4	4,407.55	3/4	4,105.56	3/4	3,786.91	3/4	3,456.40	3/4	3,125.11	3/4	2,793.82	3/4	2,462.53	3/4	2,131.23
8	8	8	8	8	4,401.41	8	4,099.11	8	3,780.10	8	3,449.49	8	3,118.21	8	2,786.92	8	2,455.62	8	2,124.33
1/4	1/4	1/4	1/4	1/4	4,395.27	1/4	4,092.65	1/4	3,773.29	1/4	3,442.59	1/4	3,111.31	1/4	2,780.01	1/4	2,448.72	1/4	2,117.43
1/2	1/2	1/2	1/2	1/2	4,389.13	1/2	4,086.20	1/2	3,766.48	1/2	3,435.69	1/2	3,104.40	1/2	2,773.11	1/2	2,441.82	1/2	2,110.53
3/4	3/4	3/4	3/4	3/4	4,382.97	3/4	4,079.71	3/4	3,759.64	3/4	3,428.79	3/4	3,097.50	3/4	2,766.21	3/4	2,434.92	3/4	2,103.63
9	9	9	9	9	4,376.80	9	4,073.23	9	3,752.81	9	3,421.89	9	3,090.60	9	2,759.31	9	2,428.02	9	2,096.73
1/4	1/4	1/4	1/4	1/4	4,370.63	1/4	4,066.75	1/4	3,745.97	1/4	3,414.99	1/4	3,083.70	1/4	2,752.41	1/4	2,421.11	1/4	2,089.82
1/2	1/2	1/2	1/2	1/2	4,364.47	1/2	4,060.27	1/2	3,739.13	1/2	3,408.08	1/2	3,076.80	1/2	2,745.50	1/2	2,414.21	1/2	2,082.92
3/4	3/4	3/4	3/4	3/4	4,358.27	3/4	4,053.74	3/4	3,732.27	3/4	3,401.18	3/4	3,069.89	3/4	2,738.60	3/4	2,407.31	3/4	2,076.02
10	10	10	10	10	4,352.08	10	4,047.21	10	3,725.41	10	3,394.28	10	3,062.99	10	2,731.70	10	2,400.41	10	2,069.12
1/4	1/4	1/4	1/4	1/4	4,345.89	1/4	4,040.69	1/4	3,718.55	1/4	3,387.38	1/4	3,056.09	1/4	2,724.80	1/4	2,393.51	1/4	2,062.22
1/2	1/2	1/2	1/2	1/2	4,339.69	1/2	4,034.16	1/2	3,711.68	1/2	3,380.48	1/2	3,049.19	1/2	2,717.90	1/2	2,386.61	1/2	2,055.31
3/4	3/4	3/4	3/4	3/4	4,333.47	3/4	4,027.58	3/4	3,704.80	3/4	3,373.57	3/4	3,042.29	3/4	2,710.99	3/4	2,379.70	3/4	2,048.41
11	11	11	11	11	4,327.25	11	4,021.01	11	3,697.91	11	3,366.67	11	3,035.39	11	2,704.09	11	2,372.80	11	2,041.51
1/4	1/4	1/4	1/4	1/4	4,321.03	1/4	4,014.44	1/4	3,691.03	1/4	3,359.77	1/4	3,028.48	1/4	2,697.19	1/4	2,365.90	1/4	2,034.60
1/2	1/2	1/2	1/2	1/2	4,314.81	1/2	4,007.86	1/2	3,684.14	1/2	3,352.87	1/2	3,021.58	1/2	2,690.29	1/2	2,359.00	1/2	2,027.70
3/4	3/4	3/4	3/4	3/4	4,308.57	3/4	4,001.26	3/4	3,677.24	3/4	3,345.97	3/4	3,014.68	3/4	2,683.39	3/4	2,352.10	3/4	2,020.79

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

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



BARGE "CTC29103"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,682.47	0	1,351.06	0	1,019.90	0	703.70	0	409.94	0	138.17	0		0		0		0	
1/4	1,675.57	1/4	1,344.15	1/4	1,013.06	1/4	697.35	1/4	404.04	1/4	132.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,668.66	1/2	1,337.25	1/2	1,006.23	1/2	691.00	1/2	398.14	1/2	127.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,661.76	3/4	1,330.34	3/4	999.45	3/4	684.69	3/4	392.28	3/4	121.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,654.86	1	1,323.44	1	992.66	1	678.38	1	386.42	1	116.55	1	1	1	1	1	1	1	1
1/4	1,647.95	1/4	1,316.54	1/4	985.88	1/4	672.07	1/4	380.56	1/4	111.16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,641.05	1/2	1,309.63	1/2	979.09	1/2	665.76	1/2	374.70	1/2	105.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,634.14	3/4	1,302.73	3/4	972.35	3/4	659.49	3/4	368.88	3/4	100.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,627.24	2	1,295.82	2	965.60	2	653.22	2	363.06	2	95.08	2	2	2	2	2	2	2	2
1/4	1,620.33	1/4	1,288.92	1/4	958.86	1/4	646.95	1/4	357.24	1/4	89.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,613.43	1/2	1,282.01	1/2	952.11	1/2	640.67	1/2	351.42	1/2	84.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,606.52	3/4	1,275.11	3/4	945.41	3/4	634.44	3/4	345.64	3/4	79.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,599.62	3	1,268.20	3	938.70	3	628.21	3	339.86	3	73.77	3	3	3	3	3	3	3	3
1/4	1,592.72	1/4	1,261.30	1/4	931.99	1/4	621.98	1/4	334.08	1/4	68.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,585.81	1/2	1,254.39	1/2	925.29	1/2	615.75	1/2	328.30	1/2	63.15	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,578.91	3/4	1,247.49	3/4	918.62	3/4	609.55	3/4	322.56	3/4	57.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,572.00	4	1,240.59	4	911.96	4	603.36	4	316.82	4	52.62	4	4	4	4	4	4	4	4
1/4	1,565.10	1/4	1,233.68	1/4	905.29	1/4	597.17	1/4	311.09	1/4	47.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,558.19	1/2	1,226.78	1/2	898.62	1/2	590.97	1/2	305.35	1/2	42.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,551.29	3/4	1,219.87	3/4	892.00	3/4	584.82	3/4	299.65	3/4	37.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,544.38	5	1,212.97	5	885.37	5	578.67	5	293.95	5	32.77	5	5	5	5	5	5	5	5
1/4	1,537.48	1/4	1,206.06	1/4	878.74	1/4	572.52	1/4	288.26	1/4	28.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,530.57	1/2	1,199.16	1/2	872.11	1/2	566.37	1/2	282.56	1/2	23.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,523.67	3/4	1,192.25	3/4	865.53	3/4	560.25	3/4	276.90	3/4	20.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,516.77	6	1,185.35	6	858.94	6	554.14	6	271.24	6	16.81	6	6	6	6	6	6	6	6
1/4	1,509.86	1/4	1,178.45	1/4	852.35	1/4	548.03	1/4	265.58	1/4	13.48	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,502.96	1/2	1,171.54	1/2	845.77	1/2	541.92	1/2	259.91	1/2	10.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,496.05	3/4	1,164.64	3/4	839.22	3/4	535.85	3/4	254.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,489.15	7	1,157.73	7	832.67	7	529.77	7	248.67	7		7	7	7	7	7	7	7	7
1/4	1,482.24	1/4	1,150.83	1/4	826.12	1/4	523.70	1/4	243.04	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,475.34	1/2	1,143.92	1/2	819.57	1/2	517.63	1/2	237.42	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,468.43	3/4	1,137.02	3/4	813.06	3/4	511.59	3/4	231.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,461.53	8	1,130.11	8	806.56	8	505.54	8	226.25	8		8	8	8	8	8	8	8	8
1/4	1,454.63	1/4	1,123.21	1/4	800.05	1/4	499.50	1/4	220.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,447.72	1/2	1,116.30	1/2	793.54	1/2	493.46	1/2	215.09	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,440.82	3/4	1,109.40	3/4	787.07	3/4	487.44	3/4	209.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,433.91	9	1,102.50	9	780.60	9	481.43	9	204.00	9		9	9	9	9	9	9	9	9
1/4	1,427.01	1/4	1,095.59	1/4	774.13	1/4	475.41	1/4	198.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,420.10	1/2	1,088.69	1/2	767.66	1/2	469.40	1/2	192.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,413.20	3/4	1,081.79	3/4	761.23	3/4	463.42	3/4	187.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,406.29	10	1,074.89	10	754.80	10	457.44	10	181.90	10		10	10	10	10	10	10	10	10
1/4	1,399.39	1/4	1,067.99	1/4	748.37	1/4	451.47	1/4	176.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,392.48	1/2	1,061.09	1/2	741.94	1/2	445.49	1/2	170.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,385.58	3/4	1,054.21	3/4	735.56	3/4	439.55	3/4	165.42	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,378.68	11	1,047.33	11	729.17	11	433.61	11	159.96	11		11	11	11	11	11	11	11	11
1/4	1,371.77	1/4	1,040.45	1/4	722.78	1/4	427.67	1/4	154.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,364.87	1/2	1,033.57	1/2	716.39	1/2	421.73	1/2	149.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,357.96	3/4	1,026.73	3/4	710.05	3/4	415.83	3/4	143.60	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTC29103"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	5,570.92	0	5,220.58	0	4,858.30	0	4,476.58	0	4,087.36	0	3,698.14	0	3,308.92	0	2,919.70	0	2,530.45	
1/4	1/4	5,565.29	1/4	5,213.21	1/4	4,850.52	1/4	4,468.47	1/4	4,079.25	1/4	3,690.03	1/4	3,300.81	1/4	2,911.59	1/4	2,522.34	
1/2	1/2	5,559.66	1/2	5,205.85	1/2	4,842.73	1/2	4,460.36	1/2	4,071.14	1/2	3,681.92	1/2	3,292.70	1/2	2,903.48	1/2	2,514.23	
3/4	3/4	5,554.03	3/4	5,198.48	3/4	4,834.95	3/4	4,452.25	3/4	4,063.03	3/4	3,673.82	3/4	3,284.60	3/4	2,895.37	3/4	2,506.12	
1	1	5,548.41	1	5,191.11	1	4,827.16	1	4,444.14	1	4,054.92	1	3,665.71	1	3,276.49	1	2,887.26	1	2,498.01	
1/4	1/4	5,541.26	1/4	5,183.71	1/4	4,819.35	1/4	4,436.03	1/4	4,046.82	1/4	3,657.60	1/4	3,268.38	1/4	2,879.16	1/4	2,489.90	
1/2	1/2	5,534.11	1/2	5,176.31	1/2	4,811.53	1/2	4,427.92	1/2	4,038.71	1/2	3,649.49	1/2	3,260.27	1/2	2,871.05	1/2	2,481.78	
3/4	3/4	5,526.96	3/4	5,168.91	3/4	4,803.71	3/4	4,419.82	3/4	4,030.60	3/4	3,641.38	3/4	3,252.16	3/4	2,862.94	3/4	2,473.67	
2	2	5,519.81	2	5,161.51	2	4,795.90	2	4,411.71	2	4,022.49	2	3,633.27	2	3,244.05	2	2,854.83	2	2,465.56	
1/4	1/4	5,511.85	1/4	5,154.08	1/4	4,788.05	1/4	4,403.60	1/4	4,014.38	1/4	3,625.16	1/4	3,235.94	1/4	2,846.72	1/4	2,457.45	
1/2	1/2	5,503.89	1/2	5,146.65	1/2	4,780.20	1/2	4,395.49	1/2	4,006.27	1/2	3,617.06	1/2	3,227.83	1/2	2,838.61	1/2	2,449.34	
3/4	3/4	5,495.92	3/4	5,139.22	3/4	4,772.36	3/4	4,387.38	3/4	3,998.16	3/4	3,608.95	3/4	3,219.72	3/4	2,830.50	3/4	2,441.22	
3	3	5,487.96	3	5,131.79	3	4,764.51	3	4,379.27	3	3,990.05	3	3,600.84	3	3,211.62	3	2,822.39	3	2,433.11	
1/4	1/4	5,479.90	1/4	5,124.33	1/4	4,756.63	1/4	4,371.16	1/4	3,981.95	1/4	3,592.73	1/4	3,203.51	1/4	2,814.28	1/4	2,425.00	
1/2	1/2	5,471.84	1/2	5,116.87	1/2	4,748.76	1/2	4,363.05	1/2	3,973.84	1/2	3,584.62	1/2	3,195.40	1/2	2,806.18	1/2	2,416.89	
3/4	3/4	5,463.78	3/4	5,109.41	3/4	4,740.88	3/4	4,354.95	3/4	3,965.73	3/4	3,576.51	3/4	3,187.29	3/4	2,798.07	3/4	2,408.78	
4	4	5,455.72	4	5,101.95	4	4,733.00	4	4,346.84	4	3,957.62	4	3,568.40	4	3,179.18	4	2,789.96	4	2,400.66	
1/4	1/4	5,447.88	1/4	5,094.46	1/4	4,725.09	1/4	4,338.73	1/4	3,949.51	1/4	3,560.29	1/4	3,171.07	1/4	2,781.85	1/4	2,392.55	
1/2	1/2	5,440.05	1/2	5,086.97	1/2	4,717.18	1/2	4,330.62	1/2	3,941.40	1/2	3,552.19	1/2	3,162.96	1/2	2,773.74	1/2	2,384.44	
3/4	3/4	5,432.22	3/4	5,079.48	3/4	4,709.27	3/4	4,322.51	3/4	3,933.29	3/4	3,544.08	3/4	3,154.85	3/4	2,765.63	3/4	2,376.33	
5	5	5,424.38	5	5,071.99	5	4,701.37	5	4,314.40	5	3,925.19	5	3,535.97	5	3,146.75	5	2,757.52	5	2,368.22	
1/4	1/4	5,416.99	1/4	5,064.46	1/4	4,693.43	1/4	4,306.29	1/4	3,917.08	1/4	3,527.86	1/4	3,138.64	1/4	2,749.41	1/4	2,360.10	
1/2	1/2	5,409.61	1/2	5,056.94	1/2	4,685.49	1/2	4,298.19	1/2	3,908.97	1/2	3,519.75	1/2	3,130.53	1/2	2,741.31	1/2	2,351.99	
3/4	3/4	5,402.22	3/4	5,049.42	3/4	4,677.55	3/4	4,290.08	3/4	3,900.86	3/4	3,511.64	3/4	3,122.42	3/4	2,733.20	3/4	2,343.88	
6	6	5,394.83	6	5,041.90	6	4,669.61	6	4,281.97	6	3,892.75	6	3,503.53	6	3,114.31	6	2,725.09	6	2,335.77	
1/4	1/4	5,387.65	1/4	5,034.34	1/4	4,661.64	1/4	4,273.86	1/4	3,884.64	1/4	3,495.42	1/4	3,106.20	1/4	2,716.98	1/4	2,327.66	
1/2	1/2	5,380.47	1/2	5,026.79	1/2	4,653.67	1/2	4,265.75	1/2	3,876.53	1/2	3,487.32	1/2	3,098.09	1/2	2,708.87	1/2	2,319.55	
3/4	3/4	5,373.28	3/4	5,019.24	3/4	4,645.70	3/4	4,257.64	3/4	3,868.42	3/4	3,479.21	3/4	3,089.98	3/4	2,700.76	3/4	2,311.43	
7	7	5,366.10	7	5,011.68	7	4,637.73	7	4,249.53	7	3,860.32	7	3,471.10	7	3,081.88	7	2,692.65	7	2,303.32	
1/4	1/4	5,358.88	1/4	5,004.10	1/4	4,629.73	1/4	4,241.42	1/4	3,852.21	1/4	3,462.99	1/4	3,073.77	1/4	2,684.54	1/4	2,295.21	
1/2	1/2	5,351.67	1/2	4,996.52	1/2	4,621.73	1/2	4,233.32	1/2	3,844.10	1/2	3,454.88	1/2	3,065.66	1/2	2,676.44	1/2	2,287.10	
3/4	3/4	5,344.46	3/4	4,988.93	3/4	4,613.73	3/4	4,225.21	3/4	3,835.99	3/4	3,446.77	3/4	3,057.55	3/4	2,668.33	3/4	2,278.99	
8	8	5,337.24	8	4,981.35	8	4,605.73	8	4,217.10	8	3,827.88	8	3,438.66	8	3,049.44	8	2,660.22	8	2,270.87	
1/4	1/4	5,330.00	1/4	4,973.73	1/4	4,597.69	1/4	4,208.99	1/4	3,819.77	1/4	3,430.55	1/4	3,041.33	1/4	2,652.11	1/4	2,262.76	
1/2	1/2	5,322.75	1/2	4,966.12	1/2	4,589.66	1/2	4,200.88	1/2	3,811.66	1/2	3,422.44	1/2	3,033.22	1/2	2,644.00	1/2	2,254.65	
3/4	3/4	5,315.51	3/4	4,958.51	3/4	4,581.63	3/4	4,192.77	3/4	3,803.55	3/4	3,414.34	3/4	3,025.11	3/4	2,635.89	3/4	2,246.54	
9	9	5,308.26	9	4,950.89	9	4,573.60	9	4,184.66	9	3,795.45	9	3,406.23	9	3,017.00	9	2,627.78	9	2,238.43	
1/4	1/4	5,300.99	1/4	4,943.22	1/4	4,565.54	1/4	4,176.55	1/4	3,787.34	1/4	3,398.12	1/4	3,008.90	1/4	2,619.67	1/4	2,230.31	
1/2	1/2	5,293.71	1/2	4,935.55	1/2	4,557.47	1/2	4,168.45	1/2	3,779.23	1/2	3,390.01	1/2	3,000.79	1/2	2,611.56	1/2	2,222.20	
3/4	3/4	5,286.43	3/4	4,927.88	3/4	4,549.41	3/4	4,160.34	3/4	3,771.12	3/4	3,381.90	3/4	2,992.68	3/4	2,603.46	3/4	2,214.09	
10	10	5,279.16	10	4,920.21	10	4,541.35	10	4,152.23	10	3,763.01	10	3,373.79	10	2,984.57	10	2,595.35	10	2,205.98	
1/4	1/4	5,271.85	1/4	4,912.49	1/4	4,533.26	1/4	4,144.12	1/4	3,754.90	1/4	3,365.68	1/4	2,976.46	1/4	2,587.24	1/4	2,197.87	
1/2	1/2	5,264.55	1/2	4,904.77	1/2	4,525.17	1/2	4,136.01	1/2	3,746.79	1/2	3,357.57	1/2	2,968.35	1/2	2,579.12	1/2	2,189.75	
3/4	3/4	5,257.24	3/4	4,897.04	3/4	4,517.08	3/4	4,127.90	3/4	3,738.68	3/4	3,349.47	3/4	2,960.24	3/4	2,571.01	3/4	2,181.64	
11	11	5,249.93	11	4,889.32	11	4,508.99	11	4,119.79	11	3,730.58	11	3,341.36	11	2,952.13	11	2,562.90	11	2,173.53	
1/4	1/4	5,242.59	1/4	4,881.57	1/4	4,500.89	1/4	4,111.69	1/4	3,722.47	1/4	3,333.25	1/4	2,944.03	1/4	2,554.79	1/4	2,165.42	
1/2	1/2	5,235.26	1/2	4,873.81	1/2	4,492.78	1/2	4,103.58	1/2	3,714.36	1/2	3,325.14	1/2	2,935.92	1/2	2,546.68	1/2	2,157.31	
3/4	3/4	5,227.92	3/4	4,866.06	3/4	4,484.68	3/4	4,095.47	3/4	3,706.25	3/4	3,317.03	3/4	2,927.81	3/4	2,538.57	3/4	2,149.20	

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

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



BARGE "CTC29103"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	2,141.08	0	1,751.71	0	1,362.34	0	973.04	0	584.37	0	195.05	0		0		0		0	
1/4	2,132.97	1/4	1,743.60	1/4	1,354.23	1/4	964.95	1/4	576.26	1/4	186.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,124.86	1/2	1,735.49	1/2	1,346.12	1/2	956.86	1/2	568.15	1/2	178.83	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,116.75	3/4	1,727.38	3/4	1,338.01	3/4	948.77	3/4	560.04	3/4	170.72	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,108.64	1	1,719.26	1	1,329.89	1	940.68	1	551.93	1	162.60	1	1	1	1	1	1	1	1
1/4	2,100.52	1/4	1,711.15	1/4	1,321.78	1/4	932.59	1/4	543.82	1/4	154.49	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,092.41	1/2	1,703.04	1/2	1,313.67	1/2	924.50	1/2	535.70	1/2	146.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,084.30	3/4	1,694.93	3/4	1,305.56	3/4	916.41	3/4	527.59	3/4	138.27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,076.19	2	1,686.82	2	1,297.45	2	908.32	2	519.48	2	130.16	2	2	2	2	2	2	2	2
1/4	2,068.08	1/4	1,678.71	1/4	1,289.33	1/4	900.23	1/4	511.37	1/4	122.04	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,059.96	1/2	1,670.59	1/2	1,281.22	1/2	892.14	1/2	503.26	1/2	113.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,051.85	3/4	1,662.48	3/4	1,273.11	3/4	884.05	3/4	495.15	3/4	105.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,043.74	3	1,654.37	3	1,265.00	3	875.96	3	487.04	3	97.71	3	3	3	3	3	3	3	3
1/4	2,035.63	1/4	1,646.26	1/4	1,256.89	1/4	867.87	1/4	478.93	1/4	89.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,027.52	1/2	1,638.15	1/2	1,248.77	1/2	859.78	1/2	470.82	1/2	81.49	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,019.40	3/4	1,630.03	3/4	1,240.66	3/4	851.69	3/4	462.72	3/4	73.37	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,011.29	4	1,621.92	4	1,232.55	4	843.60	4	454.61	4	65.26	4	4	4	4	4	4	4	4
1/4	2,003.18	1/4	1,613.81	1/4	1,224.44	1/4	835.51	1/4	446.50	1/4	57.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,995.07	1/2	1,605.70	1/2	1,216.33	1/2	827.42	1/2	438.39	1/2	50.39	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,986.96	3/4	1,597.59	3/4	1,208.21	3/4	819.33	3/4	430.29	3/4	42.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,978.85	5	1,589.47	5	1,200.10	5	811.25	5	422.18	5	35.52	5	5	5	5	5	5	5	5
1/4	1,970.73	1/4	1,581.36	1/4	1,191.99	1/4	803.16	1/4	414.07	1/4	30.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,962.62	1/2	1,573.25	1/2	1,183.88	1/2	795.07	1/2	405.96	1/2	24.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,954.51	3/4	1,565.14	3/4	1,175.77	3/4	786.98	3/4	397.85	3/4	19.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,946.40	6	1,557.03	6	1,167.66	6	778.90	6	389.74	6	13.89	6	6	6	6	6	6	6	6
1/4	1,938.29	1/4	1,548.91	1/4	1,159.54	1/4	770.81	1/4	381.63	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,930.17	1/2	1,540.80	1/2	1,151.43	1/2	762.72	1/2	373.51	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,922.06	3/4	1,532.69	3/4	1,143.32	3/4	754.63	3/4	365.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,913.95	7	1,524.58	7	1,135.21	7	746.54	7	357.29	7		7	7	7	7	7	7	7	7
1/4	1,905.84	1/4	1,516.47	1/4	1,127.10	1/4	738.44	1/4	349.18	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,897.73	1/2	1,508.36	1/2	1,118.98	1/2	730.35	1/2	341.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,889.61	3/4	1,500.24	3/4	1,110.87	3/4	722.25	3/4	332.95	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,881.50	8	1,492.13	8	1,102.76	8	714.15	8	324.84	8		8	8	8	8	8	8	8	8
1/4	1,873.39	1/4	1,484.02	1/4	1,094.65	1/4	706.04	1/4	316.73	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,865.28	1/2	1,475.91	1/2	1,086.54	1/2	697.93	1/2	308.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,857.17	3/4	1,467.80	3/4	1,078.42	3/4	689.83	3/4	300.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,849.06	9	1,459.68	9	1,070.31	9	681.72	9	292.39	9		9	9	9	9	9	9	9	9
1/4	1,840.94	1/4	1,451.57	1/4	1,062.20	1/4	673.61	1/4	284.28	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,832.83	1/2	1,443.46	1/2	1,054.09	1/2	665.49	1/2	276.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,824.72	3/4	1,435.35	3/4	1,045.98	3/4	657.38	3/4	268.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,816.61	10	1,427.24	10	1,037.86	10	649.27	10	259.95	10		10	10	10	10	10	10	10	10
1/4	1,808.50	1/4	1,419.12	1/4	1,029.76	1/4	641.16	1/4	251.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,800.38	1/2	1,411.01	1/2	1,021.65	1/2	633.05	1/2	243.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,792.27	3/4	1,402.90	3/4	1,013.54	3/4	624.93	3/4	235.61	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,784.16	11	1,394.79	11	1,005.43	11	616.82	11	227.50	11		11	11	11	11	11	11	11	11
1/4	1,776.05	1/4	1,386.68	1/4	997.33	1/4	608.71	1/4	219.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,767.94	1/2	1,378.56	1/2	989.24	1/2	600.60	1/2	211.28	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,759.82	3/4	1,370.45	3/4	981.14	3/4	592.49	3/4	203.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	5,522.46	0	5,173.55	0	4,812.73	0	4,432.56	0	4,044.93	0	3,657.31	0	3,269.69	0	2,882.06	0	2,494.41	
1/4	1/4	5,516.86	1/4	5,166.21	1/4	4,804.97	1/4	4,424.48	1/4	4,036.86	1/4	3,649.24	1/4	3,261.61	1/4	2,873.98	1/4	2,486.33	
1/2	1/2	5,511.25	1/2	5,158.87	1/2	4,797.22	1/2	4,416.41	1/2	4,028.78	1/2	3,641.16	1/2	3,253.53	1/2	2,865.91	1/2	2,478.25	
3/4	3/4	5,505.65	3/4	5,151.53	3/4	4,789.47	3/4	4,408.33	3/4	4,020.71	3/4	3,633.08	3/4	3,245.46	3/4	2,857.83	3/4	2,470.17	
1	1	5,500.04	1	5,144.19	1	4,781.71	1	4,400.26	1	4,012.63	1	3,625.01	1	3,237.38	1	2,849.75	1	2,462.10	
1/4	1/4	5,492.92	1/4	5,136.82	1/4	4,773.93	1/4	4,392.18	1/4	4,004.56	1/4	3,616.93	1/4	3,229.31	1/4	2,841.68	1/4	2,454.02	
1/2	1/2	5,485.80	1/2	5,129.45	1/2	4,766.14	1/2	4,384.11	1/2	3,996.48	1/2	3,608.86	1/2	3,221.23	1/2	2,833.60	1/2	2,445.94	
3/4	3/4	5,478.68	3/4	5,122.08	3/4	4,758.36	3/4	4,376.03	3/4	3,988.41	3/4	3,600.78	3/4	3,213.16	3/4	2,825.53	3/4	2,437.86	
2	2	5,471.56	2	5,114.72	2	4,750.58	2	4,367.95	2	3,980.33	2	3,592.71	2	3,205.08	2	2,817.45	2	2,429.78	
1/4	1/4	5,463.64	1/4	5,107.32	1/4	4,742.76	1/4	4,359.88	1/4	3,972.26	1/4	3,584.63	1/4	3,197.00	1/4	2,809.38	1/4	2,421.70	
1/2	1/2	5,455.71	1/2	5,099.92	1/2	4,734.95	1/2	4,351.80	1/2	3,964.18	1/2	3,576.56	1/2	3,188.93	1/2	2,801.30	1/2	2,413.62	
3/4	3/4	5,447.78	3/4	5,092.52	3/4	4,727.13	3/4	4,343.73	3/4	3,956.10	3/4	3,568.48	3/4	3,180.85	3/4	2,793.22	3/4	2,405.54	
3	3	5,439.86	3	5,085.12	3	4,719.32	3	4,335.65	3	3,948.03	3	3,560.41	3	3,172.78	3	2,785.15	3	2,397.47	
1/4	1/4	5,431.83	1/4	5,077.68	1/4	4,711.47	1/4	4,327.58	1/4	3,939.95	1/4	3,552.33	1/4	3,164.70	1/4	2,777.07	1/4	2,389.39	
1/2	1/2	5,423.80	1/2	5,070.25	1/2	4,703.63	1/2	4,319.50	1/2	3,931.88	1/2	3,544.26	1/2	3,156.63	1/2	2,769.00	1/2	2,381.31	
3/4	3/4	5,415.77	3/4	5,062.82	3/4	4,695.78	3/4	4,311.43	3/4	3,923.80	3/4	3,536.18	3/4	3,148.55	3/4	2,760.92	3/4	2,373.23	
4	4	5,407.74	4	5,055.39	4	4,687.93	4	4,303.35	4	3,915.73	4	3,528.10	4	3,140.48	4	2,752.85	4	2,365.15	
1/4	1/4	5,399.94	1/4	5,047.93	1/4	4,680.06	1/4	4,295.27	1/4	3,907.65	1/4	3,520.03	1/4	3,132.40	1/4	2,744.77	1/4	2,357.07	
1/2	1/2	5,392.14	1/2	5,040.47	1/2	4,672.18	1/2	4,287.20	1/2	3,899.58	1/2	3,511.95	1/2	3,124.32	1/2	2,736.70	1/2	2,348.99	
3/4	3/4	5,384.34	3/4	5,033.01	3/4	4,664.31	3/4	4,279.12	3/4	3,891.50	3/4	3,503.88	3/4	3,116.25	3/4	2,728.62	3/4	2,340.91	
5	5	5,376.53	5	5,025.55	5	4,656.43	5	4,271.05	5	3,883.42	5	3,495.80	5	3,108.17	5	2,720.54	5	2,332.84	
1/4	1/4	5,369.18	1/4	5,018.06	1/4	4,648.52	1/4	4,262.97	1/4	3,875.35	1/4	3,487.73	1/4	3,100.10	1/4	2,712.47	1/4	2,324.76	
1/2	1/2	5,361.82	1/2	5,010.56	1/2	4,640.62	1/2	4,254.90	1/2	3,867.27	1/2	3,479.65	1/2	3,092.02	1/2	2,704.39	1/2	2,316.68	
3/4	3/4	5,354.46	3/4	5,003.07	3/4	4,632.71	3/4	4,246.82	3/4	3,859.20	3/4	3,471.58	3/4	3,083.95	3/4	2,696.32	3/4	2,308.60	
6	6	5,347.10	6	4,995.58	6	4,624.80	6	4,238.75	6	3,851.12	6	3,463.50	6	3,075.87	6	2,688.24	6	2,300.52	
1/4	1/4	5,339.95	1/4	4,988.06	1/4	4,616.86	1/4	4,230.67	1/4	3,843.05	1/4	3,455.42	1/4	3,067.80	1/4	2,680.17	1/4	2,292.44	
1/2	1/2	5,332.79	1/2	4,980.53	1/2	4,608.93	1/2	4,222.60	1/2	3,834.97	1/2	3,447.35	1/2	3,059.72	1/2	2,672.09	1/2	2,284.36	
3/4	3/4	5,325.64	3/4	4,973.01	3/4	4,600.99	3/4	4,214.52	3/4	3,826.90	3/4	3,439.27	3/4	3,051.64	3/4	2,664.02	3/4	2,276.29	
7	7	5,318.48	7	4,965.49	7	4,593.05	7	4,206.44	7	3,818.82	7	3,431.20	7	3,043.57	7	2,655.94	7	2,268.21	
1/4	1/4	5,311.30	1/4	4,957.94	1/4	4,585.08	1/4	4,198.37	1/4	3,810.75	1/4	3,423.12	1/4	3,035.49	1/4	2,647.86	1/4	2,260.13	
1/2	1/2	5,304.11	1/2	4,950.38	1/2	4,577.12	1/2	4,190.29	1/2	3,802.67	1/2	3,415.05	1/2	3,027.42	1/2	2,639.79	1/2	2,252.05	
3/4	3/4	5,296.93	3/4	4,942.83	3/4	4,569.15	3/4	4,182.22	3/4	3,794.59	3/4	3,406.97	3/4	3,019.34	3/4	2,631.71	3/4	2,243.97	
8	8	5,289.74	8	4,935.28	8	4,561.18	8	4,174.14	8	3,786.52	8	3,398.89	8	3,011.27	8	2,623.64	8	2,235.89	
1/4	1/4	5,282.52	1/4	4,927.69	1/4	4,553.18	1/4	4,166.07	1/4	3,778.44	1/4	3,390.82	1/4	3,003.19	1/4	2,615.56	1/4	2,227.81	
1/2	1/2	5,275.31	1/2	4,920.11	1/2	4,545.18	1/2	4,157.99	1/2	3,770.37	1/2	3,382.74	1/2	2,995.11	1/2	2,607.49	1/2	2,219.73	
3/4	3/4	5,268.09	3/4	4,912.52	3/4	4,537.18	3/4	4,149.92	3/4	3,762.29	3/4	3,374.67	3/4	2,987.04	3/4	2,599.41	3/4	2,211.66	
9	9	5,260.88	9	4,904.94	9	4,529.18	9	4,141.84	9	3,754.22	9	3,366.59	9	2,978.96	9	2,591.33	9	2,203.58	
1/4	1/4	5,253.63	1/4	4,897.30	1/4	4,521.15	1/4	4,133.76	1/4	3,746.14	1/4	3,358.52	1/4	2,970.89	1/4	2,583.26	1/4	2,195.50	
1/2	1/2	5,246.38	1/2	4,889.66	1/2	4,513.12	1/2	4,125.69	1/2	3,738.07	1/2	3,350.44	1/2	2,962.81	1/2	2,575.18	1/2	2,187.42	
3/4	3/4	5,239.14	3/4	4,882.03	3/4	4,505.10	3/4	4,117.61	3/4	3,729.99	3/4	3,342.37	3/4	2,954.74	3/4	2,567.11	3/4	2,179.34	
10	10	5,231.89	10	4,874.39	10	4,497.07	10	4,109.54	10	3,721.91	10	3,334.29	10	2,946.66	10	2,559.03	10	2,171.26	
1/4	1/4	5,224.61	1/4	4,866.70	1/4	4,489.01	1/4	4,101.46	1/4	3,713.84	1/4	3,326.21	1/4	2,938.59	1/4	2,550.96	1/4	2,163.18	
1/2	1/2	5,217.33	1/2	4,859.00	1/2	4,480.95	1/2	4,093.39	1/2	3,705.76	1/2	3,318.14	1/2	2,930.51	1/2	2,542.88	1/2	2,155.10	
3/4	3/4	5,210.06	3/4	4,851.31	3/4	4,472.90	3/4	4,085.31	3/4	3,697.69	3/4	3,310.06	3/4	2,922.43	3/4	2,534.80	3/4	2,147.03	
11	11	5,202.78	11	4,843.62	11	4,464.84	11	4,077.24	11	3,689.61	11	3,301.99	11	2,914.36	11	2,526.72	11	2,138.95	
1/4	1/4	5,195.47	1/4	4,835.90	1/4	4,456.77	1/4	4,069.16	1/4	3,681.54	1/4	3,293.91	1/4	2,906.28	1/4	2,518.65	1/4	2,130.87	
1/2	1/2	5,188.16	1/2	4,828.17	1/2	4,448.70	1/2	4,061.09	1/2	3,673.46	1/2	3,285.84	1/2	2,898.21	1/2	2,510.57	1/2	2,122.79	
3/4	3/4	5,180.86	3/4	4,820.45	3/4	4,440.63	3/4	4,053.01	3/4	3,665.39	3/4	3,277.76	3/4	2,890.13	3/4	2,502.49	3/4	2,114.71	

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

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



BARGE "CTC29103"

**2 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	2,106.63	0	1,718.85	0	1,331.08	0	957.44	0	581.98	0	194.25	0		0		0		0	
1/4	2,098.55	1/4	1,710.78	1/4	1,323.15	1/4	949.68	1/4	573.90	1/4	186.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,090.48	1/2	1,702.70	1/2	1,315.23	1/2	941.93	1/2	565.82	1/2	178.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,082.40	3/4	1,694.62	3/4	1,307.30	3/4	934.18	3/4	557.75	3/4	170.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,074.32	1	1,686.54	1	1,299.38	1	926.43	1	549.67	1	161.94	1	1	1	1	1	1	1	1
1/4	2,066.24	1/4	1,678.46	1/4	1,291.60	1/4	918.68	1/4	541.59	1/4	153.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,058.16	1/2	1,670.38	1/2	1,283.83	1/2	910.93	1/2	533.51	1/2	145.78	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,050.08	3/4	1,662.30	3/4	1,276.06	3/4	903.18	3/4	525.43	3/4	137.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,042.00	2	1,654.23	2	1,268.28	2	895.43	2	517.35	2	129.62	2	2	2	2	2	2	2	2
1/4	2,033.92	1/4	1,646.15	1/4	1,260.51	1/4	887.68	1/4	509.27	1/4	121.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,025.85	1/2	1,638.07	1/2	1,252.74	1/2	879.92	1/2	501.20	1/2	113.47	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,017.77	3/4	1,629.99	3/4	1,244.97	3/4	872.17	3/4	493.12	3/4	105.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,009.69	3	1,621.91	3	1,237.19	3	864.42	3	485.04	3	97.31	3	3	3	3	3	3	3	3
1/4	2,001.61	1/4	1,613.83	1/4	1,229.42	1/4	856.67	1/4	476.97	1/4	89.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,993.53	1/2	1,605.75	1/2	1,221.65	1/2	848.92	1/2	468.89	1/2	81.15	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,985.45	3/4	1,597.67	3/4	1,213.87	3/4	841.17	3/4	460.82	3/4	73.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,977.37	4	1,589.60	4	1,206.10	4	833.42	4	452.75	4	64.99	4	4	4	4	4	4	4	4
1/4	1,969.29	1/4	1,581.52	1/4	1,198.33	1/4	825.67	1/4	444.67	1/4	57.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,961.22	1/2	1,573.44	1/2	1,190.55	1/2	817.92	1/2	436.60	1/2	50.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,953.14	3/4	1,565.36	3/4	1,182.78	3/4	810.17	3/4	428.52	3/4	42.78	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,945.06	5	1,557.28	5	1,175.01	5	802.42	5	420.45	5	35.37	5	5	5	5	5	5	5	5
1/4	1,936.98	1/4	1,549.20	1/4	1,167.24	1/4	794.67	1/4	412.37	1/4	29.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,928.90	1/2	1,541.12	1/2	1,159.46	1/2	786.92	1/2	404.30	1/2	24.60	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,920.82	3/4	1,533.04	3/4	1,151.69	3/4	779.17	3/4	396.22	3/4	19.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,912.74	6	1,524.97	6	1,143.92	6	771.43	6	388.14	6	13.83	6	6	6	6	6	6	6	6
1/4	1,904.66	1/4	1,516.89	1/4	1,136.14	1/4	763.68	1/4	380.06	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,896.59	1/2	1,508.81	1/2	1,128.37	1/2	755.93	1/2	371.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,888.51	3/4	1,500.73	3/4	1,120.60	3/4	748.18	3/4	363.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,880.43	7	1,492.65	7	1,112.82	7	740.43	7	355.83	7		7	7	7	7	7	7	7	7
1/4	1,872.35	1/4	1,484.57	1/4	1,105.05	1/4	732.67	1/4	347.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,864.27	1/2	1,476.49	1/2	1,097.28	1/2	724.91	1/2	339.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,856.19	3/4	1,468.42	3/4	1,089.51	3/4	717.15	3/4	331.59	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,848.11	8	1,460.34	8	1,081.73	8	709.39	8	323.51	8		8	8	8	8	8	8	8	8
1/4	1,840.04	1/4	1,452.26	1/4	1,073.96	1/4	701.62	1/4	315.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,831.96	1/2	1,444.18	1/2	1,066.19	1/2	693.85	1/2	307.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,823.88	3/4	1,436.10	3/4	1,058.41	3/4	686.08	3/4	299.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,815.80	9	1,428.02	9	1,050.64	9	678.31	9	291.20	9		9	9	9	9	9	9	9	9
1/4	1,807.72	1/4	1,419.94	1/4	1,042.87	1/4	670.39	1/4	283.12	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,799.64	1/2	1,411.86	1/2	1,035.09	1/2	662.46	1/2	275.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,791.56	3/4	1,403.79	3/4	1,027.32	3/4	654.54	3/4	266.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,783.48	10	1,395.71	10	1,019.55	10	646.61	10	258.88	10		10	10	10	10	10	10	10	10
1/4	1,775.41	1/4	1,387.63	1/4	1,011.78	1/4	638.53	1/4	250.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,767.33	1/2	1,379.55	1/2	1,004.01	1/2	630.45	1/2	242.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,759.25	3/4	1,371.47	3/4	996.24	3/4	622.37	3/4	234.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,751.17	11	1,363.39	11	988.47	11	614.30	11	226.57	11		11	11	11	11	11	11	11	11
1/4	1,743.09	1/4	1,355.31	1/4	980.71	1/4	606.22	1/4	218.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,735.01	1/2	1,347.23	1/2	972.95	1/2	598.14	1/2	210.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,726.93	3/4	1,339.16	3/4	965.19	3/4	590.06	3/4	202.33	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	
0	0	4,736.76	0	4,505.18	0	4,261.67	0	4,000.58	0	3,732.82	0	3,418.33	0	3,057.37	0	2,695.86	0	2,334.23		
1/4	1/4	4,733.54	1/4	4,502.28	1/4	4,256.40	1/4	3,995.00	1/4	3,727.24	1/4	3,410.91	1/4	3,049.84	1/4	2,688.33	1/4	2,326.68		
1/2	1/2	4,730.33	1/2	4,495.38	1/2	4,251.12	1/2	3,989.42	1/2	3,721.66	1/2	3,403.48	1/2	3,042.31	1/2	2,680.80	1/2	2,319.14		
3/4	3/4	4,727.11	3/4	4,490.48	3/4	4,245.84	3/4	3,983.84	3/4	3,716.08	3/4	3,396.06	3/4	3,034.78	3/4	2,673.26	3/4	2,311.60		
1	1	4,722.48	1	4,485.55	1	4,240.53	1	3,978.27	1	3,710.50	1	3,388.59	1	3,027.25	1	2,665.73	1	2,304.06		
1/4	1/4	4,717.85	1/4	4,480.62	1/4	4,235.23	1/4	3,972.69	1/4	3,704.92	1/4	3,381.11	1/4	3,019.71	1/4	2,658.20	1/4	2,296.52		
1/2	1/2	4,713.21	1/2	4,475.69	1/2	4,229.92	1/2	3,967.11	1/2	3,699.35	1/2	3,373.64	1/2	3,012.18	1/2	2,650.67	1/2	2,288.98		
3/4	3/4	4,708.58	3/4	4,470.76	3/4	4,224.62	3/4	3,961.53	3/4	3,693.77	3/4	3,366.16	3/4	3,004.65	3/4	2,643.14	3/4	2,281.44		
2	2	4,703.20	2	4,465.80	2	4,219.28	2	3,955.95	2	3,688.19	2	3,358.63	2	2,997.12	2	2,635.61	2	2,273.90		
1/4	1/4	4,697.81	1/4	4,460.84	1/4	4,213.95	1/4	3,950.37	1/4	3,682.61	1/4	3,351.10	1/4	2,989.59	1/4	2,628.08	1/4	2,266.36		
1/2	1/2	4,692.43	1/2	4,455.89	1/2	4,208.61	1/2	3,944.80	1/2	3,677.03	1/2	3,343.57	1/2	2,982.06	1/2	2,620.54	1/2	2,258.82		
3/4	3/4	4,687.04	3/4	4,450.93	3/4	4,203.28	3/4	3,939.22	3/4	3,671.45	3/4	3,336.04	3/4	2,974.52	3/4	2,613.01	3/4	2,251.28		
3	3	4,681.56	3	4,445.94	3	4,197.91	3	3,933.64	3	3,665.88	3	3,328.51	3	2,966.99	3	2,605.48	3	2,243.74		
1/4	1/4	4,676.08	1/4	4,440.95	1/4	4,192.55	1/4	3,928.06	1/4	3,660.30	1/4	3,320.97	1/4	2,959.46	1/4	2,597.95	1/4	2,236.21		
1/2	1/2	4,670.60	1/2	4,435.97	1/2	4,187.19	1/2	3,922.48	1/2	3,654.72	1/2	3,313.44	1/2	2,951.93	1/2	2,590.42	1/2	2,228.68		
3/4	3/4	4,665.12	3/4	4,430.98	3/4	4,181.82	3/4	3,916.90	3/4	3,649.14	3/4	3,305.91	3/4	2,944.40	3/4	2,582.89	3/4	2,221.15		
4	4	4,659.85	4	4,425.97	4	4,176.43	4	3,911.33	4	3,643.56	4	3,298.38	4	2,936.87	4	2,575.36	4	2,213.62		
1/4	1/4	4,654.58	1/4	4,420.95	1/4	4,171.04	1/4	3,905.75	1/4	3,637.98	1/4	3,290.85	1/4	2,929.34	1/4	2,567.82	1/4	2,206.10		
1/2	1/2	4,649.32	1/2	4,415.93	1/2	4,165.65	1/2	3,900.17	1/2	3,632.41	1/2	3,283.32	1/2	2,921.80	1/2	2,560.29	1/2	2,198.57		
3/4	3/4	4,644.05	3/4	4,410.92	3/4	4,160.26	3/4	3,894.59	3/4	3,626.83	3/4	3,275.78	3/4	2,914.27	3/4	2,552.76	3/4	2,191.05		
5	5	4,639.19	5	4,405.87	5	4,154.83	5	3,889.01	5	3,620.76	5	3,268.25	5	2,906.74	5	2,545.23	5	2,183.52		
1/4	1/4	4,634.34	1/4	4,400.83	1/4	4,149.41	1/4	3,883.43	1/4	3,614.69	1/4	3,260.72	1/4	2,899.21	1/4	2,537.70	1/4	2,176.00		
1/2	1/2	4,629.49	1/2	4,395.79	1/2	4,143.99	1/2	3,877.85	1/2	3,608.62	1/2	3,253.19	1/2	2,891.68	1/2	2,530.17	1/2	2,168.48		
3/4	3/4	4,624.64	3/4	4,390.74	3/4	4,138.57	3/4	3,872.28	3/4	3,602.55	3/4	3,245.66	3/4	2,884.15	3/4	2,522.63	3/4	2,160.95		
6	6	4,619.97	6	4,385.67	6	4,133.12	6	3,866.70	6	3,595.51	6	3,238.13	6	2,876.62	6	2,515.10	6	2,153.43		
1/4	1/4	4,615.31	1/4	4,380.60	1/4	4,127.67	1/4	3,861.12	1/4	3,588.46	1/4	3,230.60	1/4	2,869.08	1/4	2,507.57	1/4	2,145.90		
1/2	1/2	4,610.65	1/2	4,375.52	1/2	4,122.22	1/2	3,855.54	1/2	3,581.42	1/2	3,223.06	1/2	2,861.55	1/2	2,500.04	1/2	2,138.38		
3/4	3/4	4,605.98	3/4	4,370.45	3/4	4,116.78	3/4	3,849.96	3/4	3,574.37	3/4	3,215.53	3/4	2,854.02	3/4	2,492.51	3/4	2,130.85		
7	7	4,601.29	7	4,365.35	7	4,111.30	7	3,844.38	7	3,566.90	7	3,208.00	7	2,846.49	7	2,484.98	7	2,123.33		
1/4	1/4	4,596.60	1/4	4,360.25	1/4	4,105.82	1/4	3,838.81	1/4	3,559.42	1/4	3,200.47	1/4	2,838.96	1/4	2,477.45	1/4	2,115.81		
1/2	1/2	4,591.91	1/2	4,355.15	1/2	4,100.34	1/2	3,833.23	1/2	3,551.95	1/2	3,192.94	1/2	2,831.43	1/2	2,469.91	1/2	2,108.28		
3/4	3/4	4,587.22	3/4	4,350.05	3/4	4,094.86	3/4	3,827.65	3/4	3,544.47	3/4	3,185.41	3/4	2,823.89	3/4	2,462.38	3/4	2,100.76		
8	8	4,582.46	8	4,344.92	8	4,089.36	8	3,822.07	8	3,537.05	8	3,177.88	8	2,816.36	8	2,454.85	8	2,093.23		
1/4	1/4	4,577.71	1/4	4,339.79	1/4	4,083.85	1/4	3,816.49	1/4	3,529.63	1/4	3,170.34	1/4	2,808.83	1/4	2,447.31	1/4	2,085.71		
1/2	1/2	4,572.96	1/2	4,334.66	1/2	4,078.34	1/2	3,810.91	1/2	3,522.21	1/2	3,162.81	1/2	2,801.30	1/2	2,439.78	1/2	2,078.18		
3/4	3/4	4,568.20	3/4	4,329.53	3/4	4,072.84	3/4	3,805.34	3/4	3,514.79	3/4	3,155.28	3/4	2,793.77	3/4	2,432.24	3/4	2,070.66		
9	9	4,563.39	9	4,324.35	9	4,067.30	9	3,799.76	9	3,507.37	9	3,147.75	9	2,786.24	9	2,424.70	9	2,063.13		
1/4	1/4	4,558.57	1/4	4,319.18	1/4	4,061.77	1/4	3,794.18	1/4	3,499.95	1/4	3,140.22	1/4	2,778.71	1/4	2,417.16	1/4	2,055.61		
1/2	1/2	4,553.76	1/2	4,314.00	1/2	4,056.23	1/2	3,788.60	1/2	3,492.53	1/2	3,132.69	1/2	2,771.17	1/2	2,409.63	1/2	2,048.09		
3/4	3/4	4,548.94	3/4	4,308.83	3/4	4,050.69	3/4	3,783.02	3/4	3,485.11	3/4	3,125.15	3/4	2,763.64	3/4	2,402.09	3/4	2,040.56		
10	10	4,544.10	10	4,303.61	10	4,045.13	10	3,777.44	10	3,477.69	10	3,117.62	10	2,756.11	10	2,394.55	10	2,033.04		
1/4	1/4	4,539.26	1/4	4,298.38	1/4	4,039.57	1/4	3,771.87	1/4	3,470.27	1/4	3,110.09	1/4	2,748.58	1/4	2,387.01	1/4	2,025.51		
1/2	1/2	4,534.41	1/2	4,293.16	1/2	4,034.01	1/2	3,766.29	1/2	3,462.85	1/2	3,102.56	1/2	2,741.05	1/2	2,379.47	1/2	2,017.99		
3/4	3/4	4,529.57	3/4	4,287.94	3/4	4,028.45	3/4	3,760.71	3/4	3,455.43	3/4	3,095.03	3/4	2,733.52	3/4	2,371.93	3/4	2,010.46		
11	11	4,524.70	11	4,282.70	11	4,022.88	11	3,755.13	11	3,448.01	11	3,087.50	11	2,725.99	11	2,364.39	11	2,002.94		
1/4	1/4	4,519.83	1/4	4,277.45	1/4	4,017.31	1/4	3,749.55	1/4	3,440.59	1/4	3,079.97	1/4	2,718.45	1/4	2,356.85	1/4	1,995.41		
1/2	1/2	4,514.95	1/2	4,272.20	1/2	4,011.73	1/2	3,743.97	1/2	3,433.17	1/2	3,072.43	1/2	2,710.92	1/2	2,349.31	1/2	1,987.89		
3/4	3/4	4,739.98	3/4	4,510.08	3/4	4,266.95	3/4	4,006.16	3/4	3,738.39	3/4	3,425.75	3/4	3,064.90	3/4	2,703.39	3/4	2,341.77	3/4	1,980.37

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CTC29103"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,972.84	0	1,611.21	0	1,249.41	0	889.79	0	535.75	0	173.82	0		0		0		0	
1/4	1,965.32	1/4	1,603.68	1/4	1,241.87	1/4	882.47	1/4	528.21	1/4	166.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,957.79	1/2	1,596.14	1/2	1,234.33	1/2	875.15	1/2	520.67	1/2	158.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,950.27	3/4	1,588.60	3/4	1,226.79	3/4	867.82	3/4	513.13	3/4	151.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,942.74	1	1,581.06	1	1,219.25	1	860.50	1	505.59	1	143.65	1	1	1	1	1	1	1	1
1/4	1,935.22	1/4	1,573.53	1/4	1,211.72	1/4	853.18	1/4	498.05	1/4	136.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,927.70	1/2	1,565.99	1/2	1,204.18	1/2	845.85	1/2	490.51	1/2	128.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,920.17	3/4	1,558.45	3/4	1,196.64	3/4	838.53	3/4	482.96	3/4	121.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,912.65	2	1,550.91	2	1,189.10	2	831.21	2	475.42	2	113.49	2	2	2	2	2	2	2	2
1/4	1,905.12	1/4	1,543.37	1/4	1,181.56	1/4	823.88	1/4	467.88	1/4	105.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,897.60	1/2	1,535.84	1/2	1,174.03	1/2	816.56	1/2	460.34	1/2	98.40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,890.07	3/4	1,528.30	3/4	1,166.49	3/4	809.24	3/4	452.80	3/4	90.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,882.54	3	1,520.76	3	1,158.95	3	801.91	3	445.27	3	83.32	3	3	3	3	3	3	3	3
1/4	1,875.01	1/4	1,513.22	1/4	1,151.41	1/4	794.59	1/4	437.73	1/4	75.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,867.48	1/2	1,505.69	1/2	1,143.87	1/2	787.27	1/2	430.19	1/2	68.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,859.95	3/4	1,498.15	3/4	1,136.34	3/4	779.95	3/4	422.66	3/4	60.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,852.42	4	1,490.61	4	1,128.80	4	772.62	4	415.12	4	53.78	4	4	4	4	4	4	4	4
1/4	1,844.88	1/4	1,483.07	1/4	1,121.26	1/4	765.30	1/4	407.58	1/4	46.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,837.34	1/2	1,475.54	1/2	1,113.72	1/2	757.98	1/2	400.05	1/2	39.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,829.80	3/4	1,468.00	3/4	1,106.18	3/4	750.66	3/4	392.51	3/4	33.05	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,822.27	5	1,460.46	5	1,098.64	5	743.34	5	384.97	5	28.02	5	5	5	5	5	5	5	5
1/4	1,814.73	1/4	1,452.92	1/4	1,091.11	1/4	736.02	1/4	377.43	1/4	22.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,807.19	1/2	1,445.39	1/2	1,083.57	1/2	728.70	1/2	369.89	1/2	17.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,799.65	3/4	1,437.85	3/4	1,076.03	3/4	721.38	3/4	362.35	3/4	12.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,792.12	6	1,430.31	6	1,068.49	6	714.05	6	354.81	6		6	6	6	6	6	6	6	6
1/4	1,784.58	1/4	1,422.77	1/4	1,060.95	1/4	706.73	1/4	347.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,777.04	1/2	1,415.24	1/2	1,053.42	1/2	699.41	1/2	339.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,769.50	3/4	1,407.70	3/4	1,045.88	3/4	692.09	3/4	332.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,761.97	7	1,400.16	7	1,038.34	7	684.76	7	324.65	7		7	7	7	7	7	7	7	7
1/4	1,754.43	1/4	1,392.62	1/4	1,030.80	1/4	677.43	1/4	317.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,746.89	1/2	1,385.09	1/2	1,023.26	1/2	670.10	1/2	309.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,739.35	3/4	1,377.55	3/4	1,015.73	3/4	662.77	3/4	302.02	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,731.81	8	1,370.01	8	1,008.19	8	655.42	8	294.48	8		8	8	8	8	8	8	8	8
1/4	1,724.28	1/4	1,362.47	1/4	1,000.65	1/4	648.08	1/4	286.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,716.74	1/2	1,354.93	1/2	993.11	1/2	640.74	1/2	279.40	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,709.20	3/4	1,347.40	3/4	985.57	3/4	633.40	3/4	271.86	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,701.66	9	1,339.86	9	978.13	9	625.96	9	264.31	9		9	9	9	9	9	9	9	9
1/4	1,694.13	1/4	1,332.32	1/4	970.69	1/4	618.51	1/4	256.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,686.59	1/2	1,324.78	1/2	963.25	1/2	611.07	1/2	249.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,679.05	3/4	1,317.25	3/4	955.81	3/4	603.63	3/4	241.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,671.51	10	1,309.71	10	948.46	10	596.08	10	234.15	10		10	10	10	10	10	10	10	10
1/4	1,663.98	1/4	1,302.17	1/4	941.12	1/4	588.54	1/4	226.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,656.44	1/2	1,294.63	1/2	933.78	1/2	581.00	1/2	219.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,648.90	3/4	1,287.10	3/4	926.44	3/4	573.46	3/4	211.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,641.36	11	1,279.56	11	919.11	11	565.92	11	203.98	11		11	11	11	11	11	11	11	11
1/4	1,633.83	1/4	1,272.02	1/4	911.78	1/4	558.38	1/4	196.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,626.29	1/2	1,264.48	1/2	904.45	1/2	550.84	1/2	188.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,618.75	3/4	1,256.94	3/4	897.12	3/4	543.30	3/4	181.36	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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



BARGE "CTC29103"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	4,724.40	0	4,493.74	0	4,249.82	0	3,988.27	0	3,719.77	0	3,406.59	0	3,045.86	0	2,684.47	0	2,323.12	
1/4	1/4	4,721.17	1/4	4,488.82	1/4	4,244.53	1/4	3,982.68	1/4	3,714.17	1/4	3,399.17	1/4	3,038.33	1/4	2,676.94	1/4	2,315.58	
1/2	1/2	4,717.94	1/2	4,483.90	1/2	4,239.23	1/2	3,977.09	1/2	3,708.58	1/2	3,391.75	1/2	3,030.80	1/2	2,669.41	1/2	2,308.04	
3/4	3/4	4,714.71	3/4	4,478.99	3/4	4,233.94	3/4	3,971.49	3/4	3,702.98	3/4	3,384.33	3/4	3,023.27	3/4	2,661.88	3/4	2,300.50	
1	1	4,711.49	1	4,474.07	1	4,228.65	1	3,965.90	1	3,697.39	1	3,376.91	1	3,015.74	1	2,654.35	1	2,292.96	
1/4	1/4	4,706.84	1/4	4,469.12	1/4	4,223.33	1/4	3,960.30	1/4	3,691.80	1/4	3,369.44	1/4	3,008.21	1/4	2,646.83	1/4	2,285.42	
1/2	1/2	4,702.19	1/2	4,464.18	1/2	4,218.00	1/2	3,954.71	1/2	3,686.20	1/2	3,361.97	1/2	3,000.69	1/2	2,639.30	1/2	2,277.88	
3/4	3/4	4,697.55	3/4	4,459.23	3/4	4,212.68	3/4	3,949.12	3/4	3,680.61	3/4	3,354.49	3/4	2,993.16	3/4	2,631.77	3/4	2,270.34	
2	2	4,692.90	2	4,454.28	2	4,207.36	2	3,943.52	2	3,675.01	2	3,347.02	2	2,985.63	2	2,624.25	2	2,262.80	
1/4	1/4	4,687.50	1/4	4,449.31	1/4	4,202.01	1/4	3,937.93	1/4	3,669.42	1/4	3,339.49	1/4	2,978.10	1/4	2,616.72	1/4	2,255.26	
1/2	1/2	4,682.10	1/2	4,444.34	1/2	4,196.66	1/2	3,932.33	1/2	3,663.83	1/2	3,331.96	1/2	2,970.57	1/2	2,609.20	1/2	2,247.72	
3/4	3/4	4,676.70	3/4	4,439.36	3/4	4,191.31	3/4	3,926.74	3/4	3,658.23	3/4	3,324.43	3/4	2,963.04	3/4	2,601.68	3/4	2,240.18	
3	3	4,671.30	3	4,434.39	3	4,185.96	3	3,921.15	3	3,652.64	3	3,316.90	3	2,955.51	3	2,594.15	3	2,232.64	
1/4	1/4	4,665.80	1/4	4,429.38	1/4	4,180.58	1/4	3,915.55	1/4	3,647.05	1/4	3,309.37	1/4	2,947.98	1/4	2,586.63	1/4	2,225.11	
1/2	1/2	4,660.31	1/2	4,424.38	1/2	4,175.20	1/2	3,909.96	1/2	3,641.45	1/2	3,301.85	1/2	2,940.45	1/2	2,579.10	1/2	2,217.58	
3/4	3/4	4,654.81	3/4	4,419.38	3/4	4,169.82	3/4	3,904.36	3/4	3,635.86	3/4	3,294.32	3/4	2,932.92	3/4	2,571.58	3/4	2,210.05	
4	4	4,649.31	4	4,414.37	4	4,164.44	4	3,898.77	4	3,630.26	4	3,286.79	4	2,925.40	4	2,564.06	4	2,202.51	
1/4	1/4	4,644.03	1/4	4,409.34	1/4	4,159.03	1/4	3,893.18	1/4	3,624.67	1/4	3,279.26	1/4	2,917.87	1/4	2,556.53	1/4	2,194.99	
1/2	1/2	4,638.75	1/2	4,404.31	1/2	4,153.62	1/2	3,887.58	1/2	3,619.08	1/2	3,271.73	1/2	2,910.34	1/2	2,549.01	1/2	2,187.47	
3/4	3/4	4,633.46	3/4	4,399.28	3/4	4,148.22	3/4	3,881.99	3/4	3,613.48	3/4	3,264.20	3/4	2,902.81	3/4	2,541.49	3/4	2,179.94	
5	5	4,628.18	5	4,394.25	5	4,142.81	5	3,876.40	5	3,607.89	5	3,256.67	5	2,895.28	5	2,533.96	5	2,172.42	
1/4	1/4	4,623.31	1/4	4,389.18	1/4	4,137.37	1/4	3,870.80	1/4	3,601.80	1/4	3,249.14	1/4	2,887.75	1/4	2,526.44	1/4	2,164.90	
1/2	1/2	4,618.44	1/2	4,384.12	1/2	4,131.94	1/2	3,865.21	1/2	3,595.72	1/2	3,241.61	1/2	2,880.22	1/2	2,518.91	1/2	2,157.37	
3/4	3/4	4,613.57	3/4	4,379.06	3/4	4,126.50	3/4	3,859.61	3/4	3,589.64	3/4	3,234.08	3/4	2,872.69	3/4	2,511.39	3/4	2,149.85	
6	6	4,608.70	6	4,374.00	6	4,121.06	6	3,854.02	6	3,583.56	6	3,226.56	6	2,865.16	6	2,503.87	6	2,142.33	
1/4	1/4	4,604.02	1/4	4,368.91	1/4	4,115.60	1/4	3,848.43	1/4	3,576.50	1/4	3,219.03	1/4	2,857.63	1/4	2,496.34	1/4	2,134.80	
1/2	1/2	4,599.34	1/2	4,363.82	1/2	4,110.13	1/2	3,842.83	1/2	3,569.44	1/2	3,211.50	1/2	2,850.11	1/2	2,488.82	1/2	2,127.28	
3/4	3/4	4,594.66	3/4	4,358.74	3/4	4,104.67	3/4	3,837.24	3/4	3,562.39	3/4	3,203.97	3/4	2,842.58	3/4	2,481.30	3/4	2,119.76	
7	7	4,589.98	7	4,353.65	7	4,099.20	7	3,831.64	7	3,555.33	7	3,196.44	7	2,835.05	7	2,473.77	7	2,112.23	
1/4	1/4	4,585.27	1/4	4,348.53	1/4	4,093.71	1/4	3,826.05	1/4	3,547.85	1/4	3,188.91	1/4	2,827.52	1/4	2,466.25	1/4	2,104.76	
1/2	1/2	4,580.56	1/2	4,343.41	1/2	4,088.21	1/2	3,820.46	1/2	3,540.36	1/2	3,181.38	1/2	2,819.99	1/2	2,458.73	1/2	2,097.28	
3/4	3/4	4,575.85	3/4	4,338.29	3/4	4,082.72	3/4	3,814.86	3/4	3,532.88	3/4	3,173.85	3/4	2,812.46	3/4	2,451.20	3/4	2,089.80	
8	8	4,571.14	8	4,333.18	8	4,077.23	8	3,809.27	8	3,525.39	8	3,166.32	8	2,804.93	8	2,443.68	8	2,082.33	
1/4	1/4	4,566.37	1/4	4,328.03	1/4	4,071.70	1/4	3,803.67	1/4	3,517.96	1/4	3,158.79	1/4	2,797.40	1/4	2,436.15	1/4	2,074.90	
1/2	1/2	4,561.60	1/2	4,322.88	1/2	4,066.18	1/2	3,798.08	1/2	3,510.53	1/2	3,151.27	1/2	2,789.87	1/2	2,428.62	1/2	2,067.47	
3/4	3/4	4,556.83	3/4	4,317.74	3/4	4,060.66	3/4	3,792.49	3/4	3,503.10	3/4	3,143.74	3/4	2,782.34	3/4	2,421.10	3/4	2,060.04	
9	9	4,552.06	9	4,312.59	9	4,055.14	9	3,786.89	9	3,495.67	9	3,136.21	9	2,774.82	9	2,413.57	9	2,052.61	
1/4	1/4	4,547.23	1/4	4,307.40	1/4	4,049.59	1/4	3,781.30	1/4	3,488.24	1/4	3,128.68	1/4	2,767.29	1/4	2,406.03	1/4	2,045.18	
1/2	1/2	4,542.40	1/2	4,302.21	1/2	4,044.04	1/2	3,775.70	1/2	3,480.81	1/2	3,121.15	1/2	2,759.76	1/2	2,398.50	1/2	2,037.75	
3/4	3/4	4,537.57	3/4	4,297.02	3/4	4,038.49	3/4	3,770.11	3/4	3,473.38	3/4	3,113.62	3/4	2,752.23	3/4	2,390.97	3/4	2,030.32	
10	10	4,532.73	10	4,291.82	10	4,032.93	10	3,764.52	10	3,465.96	10	3,106.09	10	2,744.70	10	2,383.43	10	2,022.89	
1/4	1/4	4,527.87	1/4	4,286.59	1/4	4,027.36	1/4	3,758.92	1/4	3,458.53	1/4	3,098.56	1/4	2,737.17	1/4	2,375.89	1/4	2,015.46	
1/2	1/2	4,523.01	1/2	4,281.35	1/2	4,021.78	1/2	3,753.33	1/2	3,451.11	1/2	3,091.03	1/2	2,729.64	1/2	2,368.35	1/2	2,008.03	
3/4	3/4	4,518.15	3/4	4,276.12	3/4	4,016.21	3/4	3,747.74	3/4	3,443.68	3/4	3,083.50	3/4	2,722.11	3/4	2,360.82	3/4	2,000.60	
11	11	4,513.29	11	4,270.88	11	4,010.63	11	3,742.14	11	3,436.26	11	3,075.98	11	2,714.58	11	2,353.28	11	1,993.17	
1/4	1/4	4,508.40	1/4	4,265.62	1/4	4,005.04	1/4	3,736.55	1/4	3,428.84	1/4	3,068.45	1/4	2,707.05	1/4	2,345.74	1/4	1,985.74	
1/2	1/2	4,503.52	1/2	4,260.35	1/2	3,999.45	1/2	3,730.95	1/2	3,421.42	1/2	3,060.92	1/2	2,699.53	1/2	2,338.20	1/2	1,978.31	
3/4	3/4	4,498.63	3/4	4,255.09	3/4	3,993.86	3/4	3,725.36	3/4	3,414.01	3/4	3,053.39	3/4	2,692.00	3/4	2,330.66	3/4	1,970.88	

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

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





BARGE "CTC29103"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,963.45	0	1,604.76	0	1,243.16	0	886.46	0	543.54	0	181.58	0		0		0		0	
1/4	1,956.03	1/4	1,597.23	1/4	1,235.63	1/4	879.43	1/4	536.00	1/4	174.04	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,948.60	1/2	1,589.69	1/2	1,228.09	1/2	872.41	1/2	528.46	1/2	166.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,941.17	3/4	1,582.16	3/4	1,220.56	3/4	865.38	3/4	520.91	3/4	158.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,933.74	1	1,574.63	1	1,213.03	1	858.35	1	513.37	1	151.41	1	1	1	1	1	1	1	1
1/4	1,926.31	1/4	1,567.09	1/4	1,205.49	1/4	851.32	1/4	505.83	1/4	143.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,918.88	1/2	1,559.56	1/2	1,197.96	1/2	844.28	1/2	498.29	1/2	136.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,911.45	3/4	1,552.03	3/4	1,190.43	3/4	837.25	3/4	490.75	3/4	128.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,904.02	2	1,544.49	2	1,182.89	2	830.22	2	483.20	2	121.22	2	2	2	2	2	2	2	2
1/4	1,896.59	1/4	1,536.96	1/4	1,175.36	1/4	823.18	1/4	475.66	1/4	113.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,889.16	1/2	1,529.43	1/2	1,167.82	1/2	816.15	1/2	468.12	1/2	106.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,881.73	3/4	1,521.89	3/4	1,160.29	3/4	809.12	3/4	460.58	3/4	98.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,874.30	3	1,514.36	3	1,152.75	3	802.08	3	453.04	3	91.01	3	3	3	3	3	3	3	3
1/4	1,866.86	1/4	1,506.83	1/4	1,145.21	1/4	795.05	1/4	445.51	1/4	83.45	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,859.43	1/2	1,499.30	1/2	1,137.68	1/2	788.02	1/2	437.97	1/2	75.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,851.99	3/4	1,491.76	3/4	1,130.14	3/4	780.98	3/4	430.43	3/4	68.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,844.56	4	1,484.23	4	1,122.60	4	773.95	4	422.89	4	60.79	4	4	4	4	4	4	4	4
1/4	1,837.11	1/4	1,476.70	1/4	1,115.07	1/4	766.92	1/4	415.36	1/4	53.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,829.67	1/2	1,469.16	1/2	1,107.54	1/2	759.88	1/2	407.82	1/2	46.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,822.23	3/4	1,461.63	3/4	1,100.00	3/4	752.85	3/4	400.28	3/4	40.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,814.79	5	1,454.10	5	1,092.47	5	745.82	5	392.74	5	33.10	5	5	5	5	5	5	5	5
1/4	1,807.34	1/4	1,446.56	1/4	1,084.94	1/4	738.79	1/4	385.20	1/4	28.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,799.90	1/2	1,439.03	1/2	1,077.42	1/2	731.76	1/2	377.66	1/2	23.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,792.46	3/4	1,431.50	3/4	1,069.89	3/4	724.73	3/4	370.12	3/4	17.99	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,785.02	6	1,423.96	6	1,062.36	6	717.70	6	362.58	6	12.95	6	6	6	6	6	6	6	6
1/4	1,777.57	1/4	1,416.43	1/4	1,054.83	1/4	710.66	1/4	355.04	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,770.13	1/2	1,408.90	1/2	1,047.30	1/2	703.63	1/2	347.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,762.69	3/4	1,401.36	3/4	1,039.78	3/4	696.60	3/4	339.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,755.24	7	1,393.83	7	1,032.25	7	689.57	7	332.41	7		7	7	7	7	7	7	7	7
1/4	1,747.76	1/4	1,386.30	1/4	1,024.72	1/4	682.52	1/4	324.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,740.27	1/2	1,378.76	1/2	1,017.19	1/2	675.47	1/2	317.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,732.78	3/4	1,371.23	3/4	1,009.66	3/4	668.42	3/4	309.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,725.29	8	1,363.70	8	1,002.14	8	661.37	8	302.25	8		8	8	8	8	8	8	8	8
1/4	1,717.76	1/4	1,356.16	1/4	994.61	1/4	654.30	1/4	294.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,710.22	1/2	1,348.63	1/2	987.08	1/2	647.24	1/2	287.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,702.69	3/4	1,341.10	3/4	979.55	3/4	640.17	3/4	279.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,695.16	9	1,333.56	9	972.02	9	633.10	9	272.08	9		9	9	9	9	9	9	9	9
1/4	1,687.63	1/4	1,326.03	1/4	964.73	1/4	625.79	1/4	264.54	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,680.09	1/2	1,318.50	1/2	957.44	1/2	618.49	1/2	257.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,672.56	3/4	1,310.97	3/4	950.14	3/4	611.18	3/4	249.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,665.03	10	1,303.43	10	942.85	10	603.87	10	241.91	10		10	10	10	10	10	10	10	10
1/4	1,657.49	1/4	1,295.90	1/4	935.79	1/4	596.33	1/4	234.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,649.96	1/2	1,288.36	1/2	928.73	1/2	588.79	1/2	226.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,642.43	3/4	1,280.83	3/4	921.67	3/4	581.25	3/4	219.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,634.89	11	1,273.30	11	914.62	11	573.71	11	211.75	11		11	11	11	11	11	11	11	11
1/4	1,627.36	1/4	1,265.76	1/4	907.58	1/4	566.16	1/4	204.20	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,619.83	1/2	1,258.23	1/2	900.54	1/2	558.62	1/2	196.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,612.29	3/4	1,250.70	3/4	893.50	3/4	551.08	3/4	189.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2020 CL
CALCULATED: 07/09/2020 CL
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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