



BARGE "WTC 3001"

1 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	5,178.15	0	4,874.72	0	4,508.06	0	4,141.38	0	3,774.70	0	3,408.03	0	3,041.36	0	2,674.69	0	2,308.01
1/4		1/4	5,176.76	1/4	4,867.08	1/4	4,500.43	1/4	4,133.74	1/4	3,767.06	1/4	3,400.40	1/4	3,033.72	1/4	2,667.05	1/4	2,300.38
1/2		1/2	5,175.37	1/2	4,859.44	1/2	4,492.79	1/2	4,126.10	1/2	3,759.43	1/2	3,392.76	1/2	3,026.08	1/2	2,659.41	1/2	2,292.74
3/4		3/4	5,173.98	3/4	4,851.80	3/4	4,485.16	3/4	4,118.46	3/4	3,751.79	3/4	3,385.12	3/4	3,018.44	3/4	2,651.77	3/4	2,285.10
1		1	5,171.21	1	4,844.16	1	4,477.52	1	4,110.82	1	3,744.15	1	3,377.48	1	3,010.80	1	2,644.13	1	2,277.46
1/4		1/4	5,168.44	1/4	4,836.53	1/4	4,469.87	1/4	4,103.18	1/4	3,736.51	1/4	3,369.84	1/4	3,003.17	1/4	2,636.50	1/4	2,269.82
1/2		1/2	5,165.66	1/2	4,828.89	1/2	4,462.23	1/2	4,095.54	1/2	3,728.87	1/2	3,362.20	1/2	2,995.53	1/2	2,628.86	1/2	2,262.18
3/4		3/4	5,162.89	3/4	4,821.25	3/4	4,454.58	3/4	4,087.90	3/4	3,721.23	3/4	3,354.56	3/4	2,987.89	3/4	2,621.22	3/4	2,254.54
2		2	5,158.73	2	4,813.61	2	4,446.94	2	4,080.26	2	3,713.59	2	3,346.92	2	2,980.25	2	2,613.58	2	2,246.90
1/4		1/4	5,154.57	1/4	4,805.97	1/4	4,439.30	1/4	4,072.62	1/4	3,705.95	1/4	3,339.28	1/4	2,972.61	1/4	2,605.94	1/4	2,239.27
1/2		1/2	5,150.40	1/2	4,798.33	1/2	4,431.66	1/2	4,064.99	1/2	3,698.32	1/2	3,331.64	1/2	2,964.97	1/2	2,598.30	1/2	2,231.63
3/4		3/4	5,146.24	3/4	4,790.69	3/4	4,424.02	3/4	4,057.35	3/4	3,690.68	3/4	3,324.00	3/4	2,957.33	3/4	2,590.66	3/4	2,223.99
3		3	5,140.69	3	4,783.05	3	4,416.38	3	4,049.71	3	3,683.04	3	3,316.36	3	2,949.69	3	2,583.02	3	2,216.35
1/4		1/4	5,135.14	1/4	4,775.41	1/4	4,408.74	1/4	4,042.07	1/4	3,675.40	1/4	3,308.73	1/4	2,942.06	1/4	2,575.38	1/4	2,208.71
1/2		1/2	5,129.58	1/2	4,767.78	1/2	4,401.10	1/2	4,034.43	1/2	3,667.76	1/2	3,301.09	1/2	2,934.42	1/2	2,567.74	1/2	2,201.07
3/4		3/4	5,124.03	3/4	4,760.14	3/4	4,393.46	3/4	4,026.79	3/4	3,660.12	3/4	3,293.45	3/4	2,926.78	3/4	2,560.10	3/4	2,193.43
4		4	5,117.09	4	4,752.50	4	4,385.82	4	4,019.15	4	3,652.48	4	3,285.81	4	2,919.14	4	2,552.46	4	2,185.79
1/4		1/4	5,110.14	1/4	4,744.86	1/4	4,378.18	1/4	4,011.51	1/4	3,644.84	1/4	3,278.17	1/4	2,911.50	1/4	2,544.83	1/4	2,178.15
1/2		1/2	5,103.20	1/2	4,737.22	1/2	4,370.55	1/2	4,003.88	1/2	3,637.20	1/2	3,270.53	1/2	2,903.86	1/2	2,537.19	1/2	2,170.51
3/4		3/4	5,096.25	3/4	4,729.58	3/4	4,362.91	3/4	3,996.24	3/4	3,629.56	3/4	3,262.89	3/4	2,896.22	3/4	2,529.55	3/4	2,162.87
5		5	5,088.61	5	4,721.94	5	4,355.27	5	3,988.60	5	3,621.92	5	3,255.25	5	2,888.58	5	2,521.91	5	2,155.23
1/4		1/4	5,080.98	1/4	4,714.30	1/4	4,347.63	1/4	3,980.96	1/4	3,614.28	1/4	3,247.62	1/4	2,880.94	1/4	2,514.27	1/4	2,147.60
1/2		1/2	5,073.34	1/2	4,706.66	1/2	4,339.99	1/2	3,973.32	1/2	3,606.65	1/2	3,239.98	1/2	2,873.30	1/2	2,506.63	1/2	2,139.96
3/4		3/4	5,065.70	3/4	4,699.02	3/4	4,332.35	3/4	3,965.68	3/4	3,599.01	3/4	3,232.34	3/4	2,865.66	3/4	2,498.99	3/4	2,132.32
6		6	5,058.06	6	4,691.38	6	4,324.71	6	3,958.04	6	3,591.37	6	3,224.70	6	2,858.02	6	2,491.35	6	2,124.68
1/4		1/4	5,050.42	1/4	4,683.74	1/4	4,317.07	1/4	3,950.40	1/4	3,583.73	1/4	3,217.06	1/4	2,850.39	1/4	2,483.71	1/4	2,117.04
1/2		1/2	5,042.78	1/2	4,676.11	1/2	4,309.44	1/2	3,942.76	1/2	3,576.09	1/2	3,209.42	1/2	2,842.75	1/2	2,476.07	1/2	2,109.40
3/4		3/4	5,035.14	3/4	4,668.47	3/4	4,301.80	3/4	3,935.12	3/4	3,568.45	3/4	3,201.78	3/4	2,835.11	3/4	2,468.43	3/4	2,101.76
7		7	5,027.50	7	4,660.83	7	4,294.16	7	3,927.48	7	3,560.81	7	3,194.14	7	2,827.47	7	2,460.79	7	2,094.12
1/4		1/4	5,019.86	1/4	4,653.19	1/4	4,286.52	1/4	3,919.84	1/4	3,553.17	1/4	3,186.50	1/4	2,819.83	1/4	2,453.16	1/4	2,086.49
1/2		1/2	5,012.22	1/2	4,645.55	1/2	4,278.88	1/2	3,912.21	1/2	3,545.54	1/2	3,178.86	1/2	2,812.19	1/2	2,445.52	1/2	2,078.85
3/4		3/4	5,004.58	3/4	4,637.91	3/4	4,271.24	3/4	3,904.57	3/4	3,537.90	3/4	3,171.22	3/4	2,804.55	3/4	2,437.88	3/4	2,071.21
8		8	4,996.94	8	4,630.27	8	4,263.60	8	3,896.93	8	3,530.26	8	3,163.58	8	2,796.91	8	2,430.24	8	2,063.57
1/4		1/4	4,989.31	1/4	4,622.63	1/4	4,255.96	1/4	3,889.29	1/4	3,522.62	1/4	3,155.95	1/4	2,789.28	1/4	2,422.60	1/4	2,055.93
1/2		1/2	4,981.67	1/2	4,615.00	1/2	4,248.32	1/2	3,881.65	1/2	3,514.98	1/2	3,148.31	1/2	2,781.64	1/2	2,414.96	1/2	2,048.29
3/4		3/4	4,974.03	3/4	4,607.36	3/4	4,240.68	3/4	3,874.01	3/4	3,507.34	3/4	3,140.67	3/4	2,774.00	3/4	2,407.32	3/4	2,040.65
9		9	4,966.39	9	4,599.72	9	4,233.04	9	3,866.37	9	3,499.70	9	3,133.03	9	2,766.36	9	2,399.68	9	2,033.01
1/4		1/4	4,958.75	1/4	4,592.08	1/4	4,225.40	1/4	3,858.73	1/4	3,492.06	1/4	3,125.39	1/4	2,758.72	1/4	2,392.05	1/4	2,025.37
1/2		1/2	4,951.11	1/2	4,584.44	1/2	4,217.77	1/2	3,851.10	1/2	3,484.42	1/2	3,117.75	1/2	2,751.08	1/2	2,384.41	1/2	2,017.73
3/4		3/4	4,943.47	3/4	4,576.80	3/4	4,210.13	3/4	3,843.46	3/4	3,476.78	3/4	3,110.11	3/4	2,743.44	3/4	2,376.77	3/4	2,010.09
10		10	4,935.83	10	4,569.16	10	4,202.49	10	3,835.82	10	3,469.14	10	3,102.47	10	2,735.80	10	2,369.13	10	2,002.45
1/4		1/4	4,928.20	1/4	4,561.52	1/4	4,194.85	1/4	3,828.18	1/4	3,461.51	1/4	3,094.84	1/4	2,728.16	1/4	2,361.49	1/4	1,994.82
1/2		1/2	4,920.56	1/2	4,553.88	1/2	4,187.21	1/2	3,820.54	1/2	3,453.87	1/2	3,087.20	1/2	2,720.52	1/2	2,353.85	1/2	1,987.18
3/4		3/4	4,912.92	3/4	4,546.24	3/4	4,179.57	3/4	3,812.90	3/4	3,446.23	3/4	3,079.56	3/4	2,712.88	3/4	2,346.21	3/4	1,979.54
11		11	4,905.28	11	4,538.60	11	4,171.93	11	3,805.26	11	3,438.59	11	3,071.92	11	2,705.24	11	2,338.57	11	1,971.90
1/4	5,180.22	1/4	4,897.64	1/4	4,530.96	1/4	4,164.29	1/4	3,797.62	1/4	3,430.95	1/4	3,064.28	1/4	2,697.61	1/4	2,330.93	1/4	1,964.26
1/2	5,179.88	1/2	4,890.00	1/2	4,523.33	1/2	4,156.66	1/2	3,789.98	1/2	3,423.31	1/2	3,056.64	1/2	2,689.97	1/2	2,323.29	1/2	1,956.62
3/4	5,179.54	3/4	4,882.36	3/4	4,515.69	3/4	4,149.02	3/4	3,782.34	3/4	3,415.67	3/4	3,049.00	3/4	2,682.33	3/4	2,315.65	3/4	1,948.98

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "WTC 3001"

1 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	1,941.34	0	1,574.67	0	1,208.00	0	841.33	0	475.27	0	133.66	0		0		0		0	
1/4	1,933.71	1/4	1,567.03	1/4	1,200.36	1/4	833.69	1/4	467.76	1/4	126.98	1/4		1/4		1/4		1/4	
1/2	1,926.07	1/2	1,559.39	1/2	1,192.72	1/2	826.05	1/2	460.24	1/2	120.29	1/2		1/2		1/2		1/2	
3/4	1,918.43	3/4	1,551.75	3/4	1,185.08	3/4	818.41	3/4	452.72	3/4	113.61	3/4		3/4		3/4		3/4	
1	1,910.79	1	1,544.11	1	1,177.44	1	810.77	1	445.21	1	106.93	1		1		1		1	
1/4	1,903.15	1/4	1,536.48	1/4	1,169.81	1/4	803.14	1/4	437.69	1/4	100.25	1/4		1/4		1/4		1/4	
1/2	1,895.51	1/2	1,528.84	1/2	1,162.17	1/2	795.50	1/2	430.18	1/2	93.56	1/2		1/2		1/2		1/2	
3/4	1,887.87	3/4	1,521.20	3/4	1,154.53	3/4	787.86	3/4	422.66	3/4	86.88	3/4		3/4		3/4		3/4	
2	1,880.23	2	1,513.56	2	1,146.89	2	780.22	2	415.35	2	80.55	2		2		2		2	
1/4	1,872.59	1/4	1,505.92	1/4	1,139.25	1/4	772.58	1/4	408.04	1/4	74.21	1/4		1/4		1/4		1/4	
1/2	1,864.95	1/2	1,498.28	1/2	1,131.61	1/2	764.94	1/2	400.73	1/2	67.88	1/2		1/2		1/2		1/2	
3/4	1,857.31	3/4	1,490.64	3/4	1,123.97	3/4	757.30	3/4	393.42	3/4	61.54	3/4		3/4		3/4		3/4	
3	1,849.67	3	1,483.00	3	1,116.33	3	749.66	3	386.11	3	56.17	3		3		3		3	
1/4	1,842.04	1/4	1,475.37	1/4	1,108.70	1/4	742.02	1/4	378.81	1/4	50.79	1/4		1/4		1/4		1/4	
1/2	1,834.40	1/2	1,467.73	1/2	1,101.06	1/2	734.38	1/2	371.50	1/2	45.42	1/2		1/2		1/2		1/2	
3/4	1,826.76	3/4	1,460.09	3/4	1,093.42	3/4	726.74	3/4	364.19	3/4	40.04	3/4		3/4		3/4		3/4	
4	1,819.12	4	1,452.45	4	1,085.78	4	719.10	4	356.88	4	35.76	4		4		4		4	
1/4	1,811.48	1/4	1,444.81	1/4	1,078.14	1/4	711.47	1/4	349.58	1/4	31.48	1/4		1/4		1/4		1/4	
1/2	1,803.84	1/2	1,437.17	1/2	1,070.50	1/2	703.83	1/2	342.27	1/2	27.20	1/2		1/2		1/2		1/2	
3/4	1,796.20	3/4	1,429.53	3/4	1,062.86	3/4	696.19	3/4	334.96	3/4	22.92	3/4		3/4		3/4		3/4	
5	1,788.56	5	1,421.89	5	1,055.22	5	688.55	5	327.86	5	19.95	5		5		5		5	
1/4	1,780.93	1/4	1,414.26	1/4	1,047.58	1/4	680.91	1/4	320.76	1/4	16.98	1/4		1/4		1/4		1/4	
1/2	1,773.29	1/2	1,406.62	1/2	1,039.94	1/2	673.27	1/2	313.66	1/2	14.00	1/2		1/2		1/2		1/2	
3/4	1,765.65	3/4	1,398.98	3/4	1,032.30	3/4	665.63	3/4	306.56	3/4	11.03	3/4		3/4		3/4		3/4	
6	1,758.01	6	1,391.34	6	1,024.66	6	657.99	6	299.46	6		6		6		6		6	
1/4	1,750.37	1/4	1,383.70	1/4	1,017.03	1/4	650.36	1/4	292.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,742.73	1/2	1,376.06	1/2	1,009.39	1/2	642.72	1/2	285.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,735.09	3/4	1,368.42	3/4	1,001.75	3/4	635.08	3/4	278.16	3/4		3/4		3/4		3/4		3/4	
7	1,727.45	7	1,360.78	7	994.11	7	627.44	7	271.06	7		7		7		7		7	
1/4	1,719.81	1/4	1,353.14	1/4	986.47	1/4	619.80	1/4	263.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.17	1/2	1,345.50	1/2	978.83	1/2	612.16	1/2	256.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,704.53	3/4	1,337.86	3/4	971.19	3/4	604.52	3/4	249.76	3/4		3/4		3/4		3/4		3/4	
8	1,696.89	8	1,330.22	8	963.55	8	596.88	8	242.87	8		8		8		8		8	
1/4	1,689.26	1/4	1,322.59	1/4	955.92	1/4	589.24	1/4	235.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,681.62	1/2	1,314.95	1/2	948.28	1/2	581.60	1/2	229.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,673.98	3/4	1,307.31	3/4	940.64	3/4	573.96	3/4	222.20	3/4		3/4		3/4		3/4		3/4	
9	1,666.34	9	1,299.67	9	933.00	9	566.32	9	215.31	9		9		9		9		9	
1/4	1,658.70	1/4	1,292.03	1/4	925.36	1/4	558.69	1/4	208.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,651.06	1/2	1,284.39	1/2	917.72	1/2	551.05	1/2	201.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,643.42	3/4	1,276.75	3/4	910.08	3/4	543.41	3/4	194.63	3/4		3/4		3/4		3/4		3/4	
10	1,635.78	10	1,269.11	10	902.44	10	535.77	10	187.74	10		10		10		10		10	
1/4	1,628.15	1/4	1,261.48	1/4	894.80	1/4	528.14	1/4	180.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,620.51	1/2	1,253.84	1/2	887.16	1/2	520.50	1/2	173.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,612.87	3/4	1,246.20	3/4	879.52	3/4	512.86	3/4	167.07	3/4		3/4		3/4		3/4		3/4	
11	1,605.23	11	1,238.56	11	871.88	11	505.34	11	160.39	11		11		11		11		11	
1/4	1,597.59	1/4	1,230.92	1/4	864.25	1/4	497.83	1/4	153.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,589.95	1/2	1,223.28	1/2	856.61	1/2	490.31	1/2	147.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,582.31	3/4	1,215.64	3/4	848.97	3/4	482.79	3/4	140.34	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/20/2002 INSP
RECOMPUTED: 04/13/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WTC 3001"

1 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	5,179.54	0	4,882.36	0	4,515.69	0	4,149.02	0	3,782.34	0	3,415.67	0	3,049.00	0	2,682.33	0	2,315.65
1/4		1/4	5,178.15	1/4	4,874.72	1/4	4,508.06	1/4	4,141.38	1/4	3,774.70	1/4	3,408.03	1/4	3,041.36	1/4	2,674.69	1/4	2,308.01
1/2		1/2	5,176.76	1/2	4,867.08	1/2	4,500.43	1/2	4,133.74	1/2	3,767.06	1/2	3,400.40	1/2	3,033.72	1/2	2,667.05	1/2	2,300.38
3/4		3/4	5,175.37	3/4	4,859.44	3/4	4,492.79	3/4	4,126.10	3/4	3,759.43	3/4	3,392.76	3/4	3,026.08	3/4	2,659.41	3/4	2,292.74
1		1	5,173.98	1	4,851.80	1	4,485.16	1	4,118.46	1	3,751.79	1	3,385.12	1	3,018.44	1	2,651.77	1	2,285.10
1/4		1/4	5,171.21	1/4	4,844.16	1/4	4,477.52	1/4	4,110.82	1/4	3,744.15	1/4	3,377.48	1/4	3,010.80	1/4	2,644.13	1/4	2,277.46
1/2		1/2	5,168.44	1/2	4,836.53	1/2	4,469.87	1/2	4,103.18	1/2	3,736.51	1/2	3,369.84	1/2	3,003.17	1/2	2,636.50	1/2	2,269.82
3/4		3/4	5,165.66	3/4	4,828.89	3/4	4,462.23	3/4	4,095.54	3/4	3,728.87	3/4	3,362.20	3/4	2,995.53	3/4	2,628.86	3/4	2,262.18
2		2	5,162.89	2	4,821.25	2	4,454.58	2	4,087.90	2	3,721.23	2	3,354.56	2	2,987.89	2	2,621.22	2	2,254.54
1/4		1/4	5,158.73	1/4	4,813.61	1/4	4,446.94	1/4	4,080.26	1/4	3,713.59	1/4	3,346.92	1/4	2,980.25	1/4	2,613.58	1/4	2,246.90
1/2		1/2	5,154.57	1/2	4,805.97	1/2	4,439.30	1/2	4,072.62	1/2	3,705.95	1/2	3,339.28	1/2	2,972.61	1/2	2,605.94	1/2	2,239.27
3/4		3/4	5,150.40	3/4	4,798.33	3/4	4,431.66	3/4	4,064.99	3/4	3,698.32	3/4	3,331.64	3/4	2,964.97	3/4	2,598.30	3/4	2,231.63
3		3	5,146.24	3	4,790.69	3	4,424.02	3	4,057.35	3	3,690.68	3	3,324.00	3	2,957.33	3	2,590.66	3	2,223.99
1/4		1/4	5,140.69	1/4	4,783.05	1/4	4,416.38	1/4	4,049.71	1/4	3,683.04	1/4	3,316.36	1/4	2,949.69	1/4	2,583.02	1/4	2,216.35
1/2		1/2	5,135.14	1/2	4,775.41	1/2	4,408.74	1/2	4,042.07	1/2	3,675.40	1/2	3,308.73	1/2	2,942.06	1/2	2,575.38	1/2	2,208.71
3/4		3/4	5,129.58	3/4	4,767.78	3/4	4,401.10	3/4	4,034.43	3/4	3,667.76	3/4	3,301.09	3/4	2,934.42	3/4	2,567.74	3/4	2,201.07
4		4	5,124.03	4	4,760.14	4	4,393.46	4	4,026.79	4	3,660.12	4	3,293.45	4	2,926.78	4	2,560.10	4	2,193.43
1/4		1/4	5,117.09	1/4	4,752.50	1/4	4,385.82	1/4	4,019.15	1/4	3,652.48	1/4	3,285.81	1/4	2,919.14	1/4	2,552.46	1/4	2,185.79
1/2		1/2	5,110.14	1/2	4,744.86	1/2	4,378.18	1/2	4,011.51	1/2	3,644.84	1/2	3,278.17	1/2	2,911.50	1/2	2,544.83	1/2	2,178.15
3/4		3/4	5,103.20	3/4	4,737.22	3/4	4,370.55	3/4	4,003.88	3/4	3,637.20	3/4	3,270.53	3/4	2,903.86	3/4	2,537.19	3/4	2,170.51
5		5	5,096.25	5	4,729.58	5	4,362.91	5	3,996.24	5	3,629.56	5	3,262.89	5	2,896.22	5	2,529.55	5	2,162.87
1/4		1/4	5,088.61	1/4	4,721.94	1/4	4,355.27	1/4	3,988.60	1/4	3,621.92	1/4	3,255.25	1/4	2,888.58	1/4	2,521.91	1/4	2,155.23
1/2		1/2	5,080.98	1/2	4,714.30	1/2	4,347.63	1/2	3,980.96	1/2	3,614.28	1/2	3,247.62	1/2	2,880.94	1/2	2,514.27	1/2	2,147.60
3/4		3/4	5,073.34	3/4	4,706.66	3/4	4,339.99	3/4	3,973.32	3/4	3,606.65	3/4	3,239.98	3/4	2,873.30	3/4	2,506.63	3/4	2,139.96
6		6	5,065.70	6	4,699.02	6	4,332.35	6	3,965.68	6	3,599.01	6	3,232.34	6	2,865.66	6	2,498.99	6	2,132.32
1/4		1/4	5,058.06	1/4	4,691.38	1/4	4,324.71	1/4	3,958.04	1/4	3,591.37	1/4	3,224.70	1/4	2,858.02	1/4	2,491.35	1/4	2,124.68
1/2		1/2	5,050.42	1/2	4,683.74	1/2	4,317.07	1/2	3,950.40	1/2	3,583.73	1/2	3,217.06	1/2	2,850.39	1/2	2,483.71	1/2	2,117.04
3/4		3/4	5,042.78	3/4	4,676.11	3/4	4,309.44	3/4	3,942.76	3/4	3,576.09	3/4	3,209.42	3/4	2,842.75	3/4	2,476.07	3/4	2,109.40
7		7	5,035.14	7	4,668.47	7	4,301.80	7	3,935.12	7	3,568.45	7	3,201.78	7	2,835.11	7	2,468.43	7	2,101.76
1/4		1/4	5,027.50	1/4	4,660.83	1/4	4,294.16	1/4	3,927.48	1/4	3,560.81	1/4	3,194.14	1/4	2,827.47	1/4	2,460.79	1/4	2,094.12
1/2		1/2	5,019.86	1/2	4,653.19	1/2	4,286.52	1/2	3,919.84	1/2	3,553.17	1/2	3,186.50	1/2	2,819.83	1/2	2,453.16	1/2	2,086.49
3/4		3/4	5,012.22	3/4	4,645.55	3/4	4,278.88	3/4	3,912.21	3/4	3,545.54	3/4	3,178.86	3/4	2,812.19	3/4	2,445.52	3/4	2,078.85
8		8	5,004.58	8	4,637.91	8	4,271.24	8	3,904.57	8	3,537.90	8	3,171.22	8	2,804.55	8	2,437.88	8	2,071.21
1/4		1/4	4,996.94	1/4	4,630.27	1/4	4,263.60	1/4	3,896.93	1/4	3,530.26	1/4	3,163.58	1/4	2,796.91	1/4	2,430.24	1/4	2,063.57
1/2		1/2	4,989.31	1/2	4,622.63	1/2	4,255.96	1/2	3,889.29	1/2	3,522.62	1/2	3,155.95	1/2	2,789.28	1/2	2,422.60	1/2	2,055.93
3/4		3/4	4,981.67	3/4	4,615.00	3/4	4,248.32	3/4	3,881.65	3/4	3,514.98	3/4	3,148.31	3/4	2,781.64	3/4	2,414.96	3/4	2,048.29
9		9	4,974.03	9	4,607.36	9	4,240.68	9	3,874.01	9	3,507.34	9	3,140.67	9	2,774.00	9	2,407.32	9	2,040.65
1/4		1/4	4,966.39	1/4	4,599.72	1/4	4,233.04	1/4	3,866.37	1/4	3,499.70	1/4	3,133.03	1/4	2,766.36	1/4	2,399.68	1/4	2,033.01
1/2		1/2	4,958.75	1/2	4,592.08	1/2	4,225.40	1/2	3,858.73	1/2	3,492.06	1/2	3,125.39	1/2	2,758.72	1/2	2,392.05	1/2	2,025.37
3/4		3/4	4,951.11	3/4	4,584.44	3/4	4,217.77	3/4	3,851.10	3/4	3,484.42	3/4	3,117.75	3/4	2,751.08	3/4	2,384.41	3/4	2,017.73
10		10	4,943.47	10	4,576.80	10	4,210.13	10	3,843.46	10	3,476.78	10	3,110.11	10	2,743.44	10	2,376.77	10	2,010.09
1/4		1/4	4,935.83	1/4	4,569.16	1/4	4,202.49	1/4	3,835.82	1/4	3,469.14	1/4	3,102.47	1/4	2,735.80	1/4	2,369.13	1/4	2,002.45
1/2		1/2	4,928.20	1/2	4,561.52	1/2	4,194.85	1/2	3,828.18	1/2	3,461.51	1/2	3,094.84	1/2	2,728.16	1/2	2,361.49	1/2	1,994.82
3/4		3/4	4,920.56	3/4	4,553.88	3/4	4,187.21	3/4	3,820.54	3/4	3,453.87	3/4	3,087.20	3/4	2,720.52	3/4	2,353.85	3/4	1,987.18
11		11	4,912.92	11	4,546.24	11	4,179.57	11	3,812.90	11	3,446.23	11	3,079.56	11	2,712.88	11	2,346.21	11	1,979.54
1/4		1/4	4,905.28	1/4	4,538.60	1/4	4,171.93	1/4	3,805.26	1/4	3,438.59	1/4	3,071.92	1/4	2,705.24	1/4	2,338.57	1/4	1,971.90
1/2	5,180.22	1/2	4,897.64	1/2	4,530.96	1/2	4,164.29	1/2	3,797.62	1/2	3,430.95	1/2	3,064.28	1/2	2,697.61	1/2	2,330.93	1/2	1,964.26
3/4	5,179.88	3/4	4,890.00	3/4	4,523.33	3/4	4,156.66	3/4	3,789.98	3/4	3,423.31	3/4	3,056.64	3/4	2,689.97	3/4	2,323.29	3/4	1,956.62

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "WTC 3001"

1 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	1,948.98	0	1,582.31	0	1,215.64	0	848.97	0	482.79	0	140.34	0		0		0		0	
1/4	1,941.34	1/4	1,574.67	1/4	1,208.00	1/4	841.33	1/4	475.27	1/4	133.66	1/4		1/4		1/4		1/4	
1/2	1,933.71	1/2	1,567.03	1/2	1,200.36	1/2	833.69	1/2	467.76	1/2	126.98	1/2		1/2		1/2		1/2	
3/4	1,926.07	3/4	1,559.39	3/4	1,192.72	3/4	826.05	3/4	460.24	3/4	120.29	3/4		3/4		3/4		3/4	
1	1,918.43	1	1,551.75	1	1,185.08	1	818.41	1	452.72	1	113.61	1		1		1		1	
1/4	1,910.79	1/4	1,544.11	1/4	1,177.44	1/4	810.77	1/4	445.21	1/4	106.93	1/4		1/4		1/4		1/4	
1/2	1,903.15	1/2	1,536.48	1/2	1,169.81	1/2	803.14	1/2	437.69	1/2	100.25	1/2		1/2		1/2		1/2	
3/4	1,895.51	3/4	1,528.84	3/4	1,162.17	3/4	795.50	3/4	430.18	3/4	93.56	3/4		3/4		3/4		3/4	
2	1,887.87	2	1,521.20	2	1,154.53	2	787.86	2	422.66	2	86.88	2		2		2		2	
1/4	1,880.23	1/4	1,513.56	1/4	1,146.89	1/4	780.22	1/4	415.35	1/4	80.55	1/4		1/4		1/4		1/4	
1/2	1,872.59	1/2	1,505.92	1/2	1,139.25	1/2	772.58	1/2	408.04	1/2	74.21	1/2		1/2		1/2		1/2	
3/4	1,864.95	3/4	1,498.28	3/4	1,131.61	3/4	764.94	3/4	400.73	3/4	67.88	3/4		3/4		3/4		3/4	
3	1,857.31	3	1,490.64	3	1,123.97	3	757.30	3	393.42	3	61.54	3		3		3		3	
1/4	1,849.67	1/4	1,483.00	1/4	1,116.33	1/4	749.66	1/4	386.11	1/4	56.17	1/4		1/4		1/4		1/4	
1/2	1,842.04	1/2	1,475.37	1/2	1,108.70	1/2	742.02	1/2	378.81	1/2	50.79	1/2		1/2		1/2		1/2	
3/4	1,834.40	3/4	1,467.73	3/4	1,101.06	3/4	734.38	3/4	371.50	3/4	45.42	3/4		3/4		3/4		3/4	
4	1,826.76	4	1,460.09	4	1,093.42	4	726.74	4	364.19	4	40.04	4		4		4		4	
1/4	1,819.12	1/4	1,452.45	1/4	1,085.78	1/4	719.10	1/4	356.88	1/4	35.76	1/4		1/4		1/4		1/4	
1/2	1,811.48	1/2	1,444.81	1/2	1,078.14	1/2	711.47	1/2	349.58	1/2	31.48	1/2		1/2		1/2		1/2	
3/4	1,803.84	3/4	1,437.17	3/4	1,070.50	3/4	703.83	3/4	342.27	3/4	27.20	3/4		3/4		3/4		3/4	
5	1,796.20	5	1,429.53	5	1,062.86	5	696.19	5	334.96	5	22.92	5		5		5		5	
1/4	1,788.56	1/4	1,421.89	1/4	1,055.22	1/4	688.55	1/4	327.86	1/4	19.95	1/4		1/4		1/4		1/4	
1/2	1,780.93	1/2	1,414.26	1/2	1,047.58	1/2	680.91	1/2	320.76	1/2	16.98	1/2		1/2		1/2		1/2	
3/4	1,773.29	3/4	1,406.62	3/4	1,039.94	3/4	673.27	3/4	313.66	3/4	14.00	3/4		3/4		3/4		3/4	
6	1,765.65	6	1,398.98	6	1,032.30	6	665.63	6	306.56	6	11.03	6		6		6		6	
1/4	1,758.01	1/4	1,391.34	1/4	1,024.66	1/4	657.99	1/4	299.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,750.37	1/2	1,383.70	1/2	1,017.03	1/2	650.36	1/2	292.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,742.73	3/4	1,376.06	3/4	1,009.39	3/4	642.72	3/4	285.26	3/4		3/4		3/4		3/4		3/4	
7	1,735.09	7	1,368.42	7	1,001.75	7	635.08	7	278.16	7		7		7		7		7	
1/4	1,727.45	1/4	1,360.78	1/4	994.11	1/4	627.44	1/4	271.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,719.81	1/2	1,353.14	1/2	986.47	1/2	619.80	1/2	263.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,712.17	3/4	1,345.50	3/4	978.83	3/4	612.16	3/4	256.86	3/4		3/4		3/4		3/4		3/4	
8	1,704.53	8	1,337.86	8	971.19	8	604.52	8	249.76	8		8		8		8		8	
1/4	1,696.89	1/4	1,330.22	1/4	963.55	1/4	596.88	1/4	242.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,689.26	1/2	1,322.59	1/2	955.92	1/2	589.24	1/2	235.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,681.62	3/4	1,314.95	3/4	948.28	3/4	581.60	3/4	229.09	3/4		3/4		3/4		3/4		3/4	
9	1,673.98	9	1,307.31	9	940.64	9	573.96	9	222.20	9		9		9		9		9	
1/4	1,666.34	1/4	1,299.67	1/4	933.00	1/4	566.32	1/4	215.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,658.70	1/2	1,292.03	1/2	925.36	1/2	558.69	1/2	208.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,651.06	3/4	1,284.39	3/4	917.72	3/4	551.05	3/4	201.52	3/4		3/4		3/4		3/4		3/4	
10	1,643.42	10	1,276.75	10	910.08	10	543.41	10	194.63	10		10		10		10		10	
1/4	1,635.78	1/4	1,269.11	1/4	902.44	1/4	535.77	1/4	187.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,628.15	1/2	1,261.48	1/2	894.80	1/2	528.14	1/2	180.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,620.51	3/4	1,253.84	3/4	887.16	3/4	520.50	3/4	173.96	3/4		3/4		3/4		3/4		3/4	
11	1,612.87	11	1,246.20	11	879.52	11	512.86	11	167.07	11		11		11		11		11	
1/4	1,605.23	1/4	1,238.56	1/4	871.88	1/4	505.34	1/4	160.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,597.59	1/2	1,230.92	1/2	864.25	1/2	497.83	1/2	153.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,589.95	3/4	1,223.28	3/4	856.61	3/4	490.31	3/4	147.02	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INSP
RECOMPUTED: 04/13/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2017

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



BARGE "WTC 3001"

2 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	4,907.66	0	4,622.50	0	4,277.86	0	3,933.22	0	3,588.58	0	3,243.94	0	2,899.30	0	2,554.66	0	2,210.02
1/4		1/4	4,906.37	1/4	4,615.32	1/4	4,270.68	1/4	3,926.04	1/4	3,581.40	1/4	3,236.76	1/4	2,892.12	1/4	2,547.48	1/4	2,202.84
1/2		1/2	4,905.07	1/2	4,608.14	1/2	4,263.50	1/2	3,918.86	1/2	3,574.22	1/2	3,229.58	1/2	2,884.94	1/2	2,540.30	1/2	2,195.66
3/4		3/4	4,903.77	3/4	4,600.96	3/4	4,256.32	3/4	3,911.68	3/4	3,567.04	3/4	3,222.40	3/4	2,877.76	3/4	2,533.12	3/4	2,188.48
1		1	4,901.17	1	4,593.78	1	4,249.14	1	3,904.50	1	3,559.86	1	3,215.22	1	2,870.58	1	2,525.94	1	2,181.30
1/4		1/4	4,898.56	1/4	4,586.60	1/4	4,241.96	1/4	3,897.32	1/4	3,552.68	1/4	3,208.04	1/4	2,863.40	1/4	2,518.76	1/4	2,174.12
1/2		1/2	4,895.96	1/2	4,579.42	1/2	4,234.78	1/2	3,890.14	1/2	3,545.50	1/2	3,200.86	1/2	2,856.22	1/2	2,511.58	1/2	2,166.94
3/4		3/4	4,893.35	3/4	4,572.24	3/4	4,227.60	3/4	3,882.96	3/4	3,538.32	3/4	3,193.68	3/4	2,849.04	3/4	2,504.40	3/4	2,159.76
2		2	4,889.44	2	4,565.06	2	4,220.42	2	3,875.78	2	3,531.14	2	3,186.50	2	2,841.86	2	2,497.22	2	2,152.58
1/4		1/4	4,885.53	1/4	4,557.88	1/4	4,213.24	1/4	3,868.60	1/4	3,523.96	1/4	3,179.32	1/4	2,834.68	1/4	2,490.04	1/4	2,145.40
1/2		1/2	4,881.61	1/2	4,550.70	1/2	4,206.06	1/2	3,861.42	1/2	3,516.78	1/2	3,172.14	1/2	2,827.50	1/2	2,482.86	1/2	2,138.22
3/4		3/4	4,877.70	3/4	4,543.52	3/4	4,198.88	3/4	3,854.24	3/4	3,509.60	3/4	3,164.96	3/4	2,820.32	3/4	2,475.68	3/4	2,131.04
3		3	4,872.48	3	4,536.34	3	4,191.70	3	3,847.06	3	3,502.42	3	3,157.78	3	2,813.14	3	2,468.50	3	2,123.86
1/4		1/4	4,867.27	1/4	4,529.16	1/4	4,184.52	1/4	3,839.88	1/4	3,495.24	1/4	3,150.60	1/4	2,805.96	1/4	2,461.32	1/4	2,116.68
1/2		1/2	4,862.05	1/2	4,521.98	1/2	4,177.34	1/2	3,832.70	1/2	3,488.06	1/2	3,143.42	1/2	2,798.78	1/2	2,454.14	1/2	2,109.50
3/4		3/4	4,856.83	3/4	4,514.80	3/4	4,170.16	3/4	3,825.52	3/4	3,480.88	3/4	3,136.24	3/4	2,791.60	3/4	2,446.96	3/4	2,102.32
4		4	4,850.30	4	4,507.62	4	4,162.98	4	3,818.34	4	3,473.70	4	3,129.06	4	2,784.42	4	2,439.78	4	2,095.14
1/4		1/4	4,843.78	1/4	4,500.44	1/4	4,155.80	1/4	3,811.16	1/4	3,466.52	1/4	3,121.88	1/4	2,777.24	1/4	2,432.60	1/4	2,087.96
1/2		1/2	4,837.25	1/2	4,493.26	1/2	4,148.62	1/2	3,803.98	1/2	3,459.34	1/2	3,114.70	1/2	2,770.06	1/2	2,425.42	1/2	2,080.78
3/4		3/4	4,830.72	3/4	4,486.08	3/4	4,141.44	3/4	3,796.80	3/4	3,452.16	3/4	3,107.52	3/4	2,762.88	3/4	2,418.24	3/4	2,073.60
5		5	4,823.54	5	4,478.90	5	4,134.26	5	3,789.62	5	3,444.98	5	3,100.34	5	2,755.70	5	2,411.06	5	2,066.42
1/4		1/4	4,816.36	1/4	4,471.72	1/4	4,127.08	1/4	3,782.44	1/4	3,437.80	1/4	3,093.16	1/4	2,748.52	1/4	2,403.88	1/4	2,059.24
1/2		1/2	4,809.18	1/2	4,464.54	1/2	4,119.90	1/2	3,775.26	1/2	3,430.62	1/2	3,085.98	1/2	2,741.34	1/2	2,396.70	1/2	2,052.06
3/4		3/4	4,802.00	3/4	4,457.36	3/4	4,112.72	3/4	3,768.08	3/4	3,423.44	3/4	3,078.80	3/4	2,734.16	3/4	2,389.52	3/4	2,044.88
6		6	4,794.82	6	4,450.18	6	4,105.54	6	3,760.90	6	3,416.26	6	3,071.62	6	2,726.98	6	2,382.34	6	2,037.70
1/4		1/4	4,787.64	1/4	4,443.00	1/4	4,098.36	1/4	3,753.72	1/4	3,409.08	1/4	3,064.44	1/4	2,719.80	1/4	2,375.16	1/4	2,030.52
1/2		1/2	4,780.46	1/2	4,435.82	1/2	4,091.18	1/2	3,746.54	1/2	3,401.90	1/2	3,057.26	1/2	2,712.62	1/2	2,367.98	1/2	2,023.34
3/4		3/4	4,773.28	3/4	4,428.64	3/4	4,084.00	3/4	3,739.36	3/4	3,394.72	3/4	3,050.08	3/4	2,705.44	3/4	2,360.80	3/4	2,016.16
7		7	4,766.10	7	4,421.46	7	4,076.82	7	3,732.18	7	3,387.54	7	3,042.90	7	2,698.26	7	2,353.62	7	2,008.98
1/4		1/4	4,758.92	1/4	4,414.28	1/4	4,069.64	1/4	3,725.00	1/4	3,380.36	1/4	3,035.72	1/4	2,691.08	1/4	2,346.44	1/4	2,001.80
1/2		1/2	4,751.74	1/2	4,407.10	1/2	4,062.46	1/2	3,717.82	1/2	3,373.18	1/2	3,028.54	1/2	2,683.90	1/2	2,339.26	1/2	1,994.62
3/4		3/4	4,744.56	3/4	4,399.92	3/4	4,055.28	3/4	3,710.64	3/4	3,366.00	3/4	3,021.36	3/4	2,676.72	3/4	2,332.08	3/4	1,987.44
8		8	4,737.38	8	4,392.74	8	4,048.10	8	3,703.46	8	3,358.82	8	3,014.18	8	2,669.54	8	2,324.90	8	1,980.26
1/4		1/4	4,730.20	1/4	4,385.56	1/4	4,040.92	1/4	3,696.28	1/4	3,351.64	1/4	3,007.00	1/4	2,662.36	1/4	2,317.72	1/4	1,973.08
1/2		1/2	4,723.02	1/2	4,378.38	1/2	4,033.74	1/2	3,689.10	1/2	3,344.46	1/2	2,999.82	1/2	2,655.18	1/2	2,310.54	1/2	1,965.90
3/4		3/4	4,715.84	3/4	4,371.20	3/4	4,026.56	3/4	3,681.92	3/4	3,337.28	3/4	2,992.64	3/4	2,648.00	3/4	2,303.36	3/4	1,958.72
9		9	4,708.66	9	4,364.02	9	4,019.38	9	3,674.74	9	3,330.10	9	2,985.46	9	2,640.82	9	2,296.18	9	1,951.54
1/4		1/4	4,701.48	1/4	4,356.84	1/4	4,012.20	1/4	3,667.56	1/4	3,322.92	1/4	2,978.28	1/4	2,633.64	1/4	2,289.00	1/4	1,944.36
1/2		1/2	4,694.30	1/2	4,349.66	1/2	4,005.02	1/2	3,660.38	1/2	3,315.74	1/2	2,971.10	1/2	2,626.46	1/2	2,281.82	1/2	1,937.18
3/4		3/4	4,687.12	3/4	4,342.48	3/4	3,997.84	3/4	3,653.20	3/4	3,308.56	3/4	2,963.92	3/4	2,619.28	3/4	2,274.64	3/4	1,930.00
10		10	4,679.94	10	4,335.30	10	3,990.66	10	3,646.02	10	3,301.38	10	2,956.74	10	2,612.10	10	2,267.46	10	1,922.82
1/4		1/4	4,672.76	1/4	4,328.12	1/4	3,983.48	1/4	3,638.84	1/4	3,294.20	1/4	2,949.56	1/4	2,604.92	1/4	2,260.28	1/4	1,915.64
1/2		1/2	4,665.58	1/2	4,320.94	1/2	3,976.30	1/2	3,631.66	1/2	3,287.02	1/2	2,942.38	1/2	2,597.74	1/2	2,253.10	1/2	1,908.46
3/4		3/4	4,658.40	3/4	4,313.76	3/4	3,969.12	3/4	3,624.48	3/4	3,279.84	3/4	2,935.20	3/4	2,590.56	3/4	2,245.92	3/4	1,901.28
11		11	4,651.22	11	4,306.58	11	3,961.94	11	3,617.30	11	3,272.66	11	2,928.02	11	2,583.38	11	2,238.74	11	1,894.10
1/4	4,909.59	1/4	4,644.04	1/4	4,299.40	1/4	3,954.76	1/4	3,610.12	1/4	3,265.48	1/4	2,920.84	1/4	2,576.20	1/4	2,231.56	1/4	1,886.92
1/2	4,909.28	1/2	4,636.86	1/2	4,292.22	1/2	3,947.58	1/2	3,602.94	1/2	3,258.30	1/2	2,913.66	1/2	2,569.02	1/2	2,224.38	1/2	1,879.74
3/4	4,908.96	3/4	4,629.68	3/4	4,285.04	3/4	3,940.40	3/4	3,595.76	3/4	3,251.12	3/4	2,906.48	3/4	2,561.84	3/4	2,217.20	3/4	1,872.56

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "WTC 3001"

2 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	1,865.38	0	1,520.74	0	1,176.10	0	832.85	0	488.56	0	143.92	0		0		0		0	
1/4	1,858.20	1/4	1,513.56	1/4	1,168.92	1/4	825.71	1/4	481.38	1/4	136.74	1/4		1/4		1/4		1/4	
1/2	1,851.02	1/2	1,506.38	1/2	1,161.74	1/2	818.56	1/2	474.20	1/2	129.56	1/2		1/2		1/2		1/2	
3/4	1,843.84	3/4	1,499.20	3/4	1,154.56	3/4	811.41	3/4	467.02	3/4	122.38	3/4		3/4		3/4		3/4	
1	1,836.66	1	1,492.02	1	1,147.41	1	804.26	1	459.84	1	115.20	1		1		1		1	
1/4	1,829.48	1/4	1,484.84	1/4	1,140.26	1/4	797.11	1/4	452.66	1/4	108.02	1/4		1/4		1/4		1/4	
1/2	1,822.30	1/2	1,477.66	1/2	1,133.11	1/2	789.96	1/2	445.48	1/2	100.84	1/2		1/2		1/2		1/2	
3/4	1,815.12	3/4	1,470.48	3/4	1,125.96	3/4	782.81	3/4	438.30	3/4	93.66	3/4		3/4		3/4		3/4	
2	1,807.94	2	1,463.30	2	1,118.81	2	775.66	2	431.12	2	86.64	2		2		2		2	
1/4	1,800.76	1/4	1,456.12	1/4	1,111.67	1/4	768.52	1/4	423.94	1/4	79.63	1/4		1/4		1/4		1/4	
1/2	1,793.58	1/2	1,448.94	1/2	1,104.52	1/2	761.37	1/2	416.76	1/2	72.61	1/2		1/2		1/2		1/2	
3/4	1,786.40	3/4	1,441.76	3/4	1,097.37	3/4	754.22	3/4	409.58	3/4	65.59	3/4		3/4		3/4		3/4	
3	1,779.22	3	1,434.58	3	1,090.22	3	747.04	3	402.40	3	59.72	3		3		3		3	
1/4	1,772.04	1/4	1,427.40	1/4	1,083.07	1/4	739.86	1/4	395.22	1/4	53.85	1/4		1/4		1/4		1/4	
1/2	1,764.86	1/2	1,420.22	1/2	1,075.92	1/2	732.68	1/2	388.04	1/2	47.97	1/2		1/2		1/2		1/2	
3/4	1,757.68	3/4	1,413.04	3/4	1,068.77	3/4	725.50	3/4	380.86	3/4	42.10	3/4		3/4		3/4		3/4	
4	1,750.50	4	1,405.86	4	1,061.62	4	718.32	4	373.68	4	37.53	4		4		4		4	
1/4	1,743.32	1/4	1,398.68	1/4	1,054.48	1/4	711.14	1/4	366.50	1/4	32.97	1/4		1/4		1/4		1/4	
1/2	1,736.14	1/2	1,391.50	1/2	1,047.33	1/2	703.96	1/2	359.32	1/2	28.40	1/2		1/2		1/2		1/2	
3/4	1,728.96	3/4	1,384.32	3/4	1,040.18	3/4	696.78	3/4	352.14	3/4	23.83	3/4		3/4		3/4		3/4	
5	1,721.78	5	1,377.14	5	1,033.03	5	689.60	5	344.96	5	20.57	5		5		5		5	
1/4	1,714.60	1/4	1,369.96	1/4	1,025.88	1/4	682.42	1/4	337.78	1/4	17.32	1/4		1/4		1/4		1/4	
1/2	1,707.42	1/2	1,362.78	1/2	1,018.73	1/2	675.24	1/2	330.60	1/2	14.06	1/2		1/2		1/2		1/2	
3/4	1,700.24	3/4	1,355.60	3/4	1,011.58	3/4	668.06	3/4	323.42	3/4	10.80	3/4		3/4		3/4		3/4	
6	1,693.06	6	1,348.42	6	1,004.43	6	660.88	6	316.24	6		6		6		6		6	
1/4	1,685.88	1/4	1,341.24	1/4	997.28	1/4	653.70	1/4	309.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,678.70	1/2	1,334.06	1/2	990.13	1/2	646.52	1/2	301.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,671.52	3/4	1,326.88	3/4	982.98	3/4	639.34	3/4	294.70	3/4		3/4		3/4		3/4		3/4	
7	1,664.34	7	1,319.70	7	975.83	7	632.16	7	287.52	7		7		7		7		7	
1/4	1,657.16	1/4	1,312.52	1/4	968.69	1/4	624.98	1/4	280.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,649.98	1/2	1,305.34	1/2	961.54	1/2	617.80	1/2	273.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,642.80	3/4	1,298.16	3/4	954.39	3/4	610.62	3/4	265.98	3/4		3/4		3/4		3/4		3/4	
8	1,635.62	8	1,290.98	8	947.24	8	603.44	8	258.80	8		8		8		8		8	
1/4	1,628.44	1/4	1,283.80	1/4	940.09	1/4	596.26	1/4	251.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,621.26	1/2	1,276.62	1/2	932.94	1/2	589.08	1/2	244.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,614.08	3/4	1,269.44	3/4	925.79	3/4	581.90	3/4	237.26	3/4		3/4		3/4		3/4		3/4	
9	1,606.90	9	1,262.26	9	918.64	9	574.72	9	230.08	9		9		9		9		9	
1/4	1,599.72	1/4	1,255.08	1/4	911.50	1/4	567.54	1/4	222.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,592.54	1/2	1,247.90	1/2	904.35	1/2	560.36	1/2	215.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,585.36	3/4	1,240.72	3/4	897.20	3/4	553.18	3/4	208.54	3/4		3/4		3/4		3/4		3/4	
10	1,578.18	10	1,233.54	10	890.05	10	546.00	10	201.36	10		10		10		10		10	
1/4	1,571.00	1/4	1,226.36	1/4	882.90	1/4	538.82	1/4	194.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,563.82	1/2	1,219.18	1/2	875.75	1/2	531.64	1/2	187.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,556.64	3/4	1,212.00	3/4	868.60	3/4	524.46	3/4	179.82	3/4		3/4		3/4		3/4		3/4	
11	1,549.46	11	1,204.82	11	861.45	11	517.28	11	172.64	11		11		11		11		11	
1/4	1,542.28	1/4	1,197.64	1/4	854.30	1/4	510.10	1/4	165.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,535.10	1/2	1,190.46	1/2	847.15	1/2	502.92	1/2	158.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,527.92	3/4	1,183.28	3/4	840.00	3/4	495.74	3/4	151.10	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/20/2002 INSP
RECOMPUTED: 04/13/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WTC 3001"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	4,906.37	0	4,615.32	0	4,270.68	0	3,926.04	0	3,581.40	0	3,236.76	0	2,892.12	0	2,547.48	0	2,202.84
1/4		1/4	4,905.07	1/4	4,608.14	1/4	4,263.50	1/4	3,918.86	1/4	3,574.22	1/4	3,229.58	1/4	2,884.94	1/4	2,540.30	1/4	2,195.66
1/2		1/2	4,903.77	1/2	4,600.96	1/2	4,256.32	1/2	3,911.68	1/2	3,567.04	1/2	3,222.40	1/2	2,877.76	1/2	2,533.12	1/2	2,188.48
3/4		3/4	4,901.17	3/4	4,593.78	3/4	4,249.14	3/4	3,904.50	3/4	3,559.86	3/4	3,215.22	3/4	2,870.58	3/4	2,525.94	3/4	2,181.30
1		1	4,898.56	1	4,586.60	1	4,241.96	1	3,897.32	1	3,552.68	1	3,208.04	1	2,863.40	1	2,518.76	1	2,174.12
1/4		1/4	4,895.96	1/4	4,579.42	1/4	4,234.78	1/4	3,890.14	1/4	3,545.50	1/4	3,200.86	1/4	2,856.22	1/4	2,511.58	1/4	2,166.94
1/2		1/2	4,893.35	1/2	4,572.24	1/2	4,227.60	1/2	3,882.96	1/2	3,538.32	1/2	3,193.68	1/2	2,849.04	1/2	2,504.40	1/2	2,159.76
3/4		3/4	4,889.44	3/4	4,565.06	3/4	4,220.42	3/4	3,875.78	3/4	3,531.14	3/4	3,186.50	3/4	2,841.86	3/4	2,497.22	3/4	2,152.58
2		2	4,885.53	2	4,557.88	2	4,213.24	2	3,868.60	2	3,523.96	2	3,179.32	2	2,834.68	2	2,490.04	2	2,145.40
1/4		1/4	4,881.61	1/4	4,550.70	1/4	4,206.06	1/4	3,861.42	1/4	3,516.78	1/4	3,172.14	1/4	2,827.50	1/4	2,482.86	1/4	2,138.22
1/2		1/2	4,877.70	1/2	4,543.52	1/2	4,198.88	1/2	3,854.24	1/2	3,509.60	1/2	3,164.96	1/2	2,820.32	1/2	2,475.68	1/2	2,131.04
3/4		3/4	4,872.48	3/4	4,536.34	3/4	4,191.70	3/4	3,847.06	3/4	3,502.42	3/4	3,157.78	3/4	2,813.14	3/4	2,468.50	3/4	2,123.86
3		3	4,867.27	3	4,529.16	3	4,184.52	3	3,839.88	3	3,495.24	3	3,150.60	3	2,805.96	3	2,461.32	3	2,116.68
1/4		1/4	4,862.05	1/4	4,521.98	1/4	4,177.34	1/4	3,832.70	1/4	3,488.06	1/4	3,143.42	1/4	2,798.78	1/4	2,454.14	1/4	2,109.50
1/2		1/2	4,856.83	1/2	4,514.80	1/2	4,170.16	1/2	3,825.52	1/2	3,480.88	1/2	3,136.24	1/2	2,791.60	1/2	2,446.96	1/2	2,102.32
3/4		3/4	4,850.30	3/4	4,507.62	3/4	4,162.98	3/4	3,818.34	3/4	3,473.70	3/4	3,129.06	3/4	2,784.42	3/4	2,439.78	3/4	2,095.14
4		4	4,843.78	4	4,500.44	4	4,155.80	4	3,811.16	4	3,466.52	4	3,121.88	4	2,777.24	4	2,432.60	4	2,087.96
1/4		1/4	4,837.25	1/4	4,493.26	1/4	4,148.62	1/4	3,803.98	1/4	3,459.34	1/4	3,114.70	1/4	2,770.06	1/4	2,425.42	1/4	2,080.78
1/2		1/2	4,830.72	1/2	4,486.08	1/2	4,141.44	1/2	3,796.80	1/2	3,452.16	1/2	3,107.52	1/2	2,762.88	1/2	2,418.24	1/2	2,073.60
3/4		3/4	4,823.54	3/4	4,478.90	3/4	4,134.26	3/4	3,789.62	3/4	3,444.98	3/4	3,100.34	3/4	2,755.70	3/4	2,411.06	3/4	2,066.42
5		5	4,816.36	5	4,471.72	5	4,127.08	5	3,782.44	5	3,437.80	5	3,093.16	5	2,748.52	5	2,403.88	5	2,059.24
1/4		1/4	4,809.18	1/4	4,464.54	1/4	4,119.90	1/4	3,775.26	1/4	3,430.62	1/4	3,085.98	1/4	2,741.34	1/4	2,396.70	1/4	2,052.06
1/2		1/2	4,802.00	1/2	4,457.36	1/2	4,112.72	1/2	3,768.08	1/2	3,423.44	1/2	3,078.80	1/2	2,734.16	1/2	2,389.52	1/2	2,044.88
3/4		3/4	4,794.82	3/4	4,450.18	3/4	4,105.54	3/4	3,760.90	3/4	3,416.26	3/4	3,071.62	3/4	2,726.98	3/4	2,382.34	3/4	2,037.70
6		6	4,787.64	6	4,443.00	6	4,098.36	6	3,753.72	6	3,409.08	6	3,064.44	6	2,719.80	6	2,375.16	6	2,030.52
1/4		1/4	4,780.46	1/4	4,435.82	1/4	4,091.18	1/4	3,746.54	1/4	3,401.90	1/4	3,057.26	1/4	2,712.62	1/4	2,367.98	1/4	2,023.34
1/2		1/2	4,773.28	1/2	4,428.64	1/2	4,084.00	1/2	3,739.36	1/2	3,394.72	1/2	3,050.08	1/2	2,705.44	1/2	2,360.80	1/2	2,016.16
3/4		3/4	4,766.10	3/4	4,421.46	3/4	4,076.82	3/4	3,732.18	3/4	3,387.54	3/4	3,042.90	3/4	2,698.26	3/4	2,353.62	3/4	2,008.98
7		7	4,758.92	7	4,414.28	7	4,069.64	7	3,725.00	7	3,380.36	7	3,035.72	7	2,691.08	7	2,346.44	7	2,001.80
1/4		1/4	4,751.74	1/4	4,407.10	1/4	4,062.46	1/4	3,717.82	1/4	3,373.18	1/4	3,028.54	1/4	2,683.90	1/4	2,339.26	1/4	1,994.62
1/2		1/2	4,744.56	1/2	4,399.92	1/2	4,055.28	1/2	3,710.64	1/2	3,366.00	1/2	3,021.36	1/2	2,676.72	1/2	2,332.08	1/2	1,987.44
3/4		3/4	4,737.38	3/4	4,392.74	3/4	4,048.10	3/4	3,703.46	3/4	3,358.82	3/4	3,014.18	3/4	2,669.54	3/4	2,324.90	3/4	1,980.26
8		8	4,730.20	8	4,385.56	8	4,040.92	8	3,696.28	8	3,351.64	8	3,007.00	8	2,662.36	8	2,317.72	8	1,973.08
1/4		1/4	4,723.02	1/4	4,378.38	1/4	4,033.74	1/4	3,689.10	1/4	3,344.46	1/4	2,999.82	1/4	2,655.18	1/4	2,310.54	1/4	1,965.90
1/2		1/2	4,715.84	1/2	4,371.20	1/2	4,026.56	1/2	3,681.92	1/2	3,337.28	1/2	2,992.64	1/2	2,648.00	1/2	2,303.36	1/2	1,958.72
3/4		3/4	4,708.66	3/4	4,364.02	3/4	4,019.38	3/4	3,674.74	3/4	3,330.10	3/4	2,985.46	3/4	2,640.82	3/4	2,296.18	3/4	1,951.54
9		9	4,701.48	9	4,356.84	9	4,012.20	9	3,667.56	9	3,322.92	9	2,978.28	9	2,633.64	9	2,289.00	9	1,944.36
1/4		1/4	4,694.30	1/4	4,349.66	1/4	4,005.02	1/4	3,660.38	1/4	3,315.74	1/4	2,971.10	1/4	2,626.46	1/4	2,281.82	1/4	1,937.18
1/2		1/2	4,687.12	1/2	4,342.48	1/2	3,997.84	1/2	3,653.20	1/2	3,308.56	1/2	2,963.92	1/2	2,619.28	1/2	2,274.64	1/2	1,930.00
3/4		3/4	4,679.94	3/4	4,335.30	3/4	3,990.66	3/4	3,646.02	3/4	3,301.38	3/4	2,956.74	3/4	2,612.10	3/4	2,267.46	3/4	1,922.82
10		10	4,672.76	10	4,328.12	10	3,983.48	10	3,638.84	10	3,294.20	10	2,949.56	10	2,604.92	10	2,260.28	10	1,915.64
1/4		1/4	4,665.58	1/4	4,320.94	1/4	3,976.30	1/4	3,631.66	1/4	3,287.02	1/4	2,942.38	1/4	2,597.74	1/4	2,253.10	1/4	1,908.46
1/2		1/2	4,658.40	1/2	4,313.76	1/2	3,969.12	1/2	3,624.48	1/2	3,279.84	1/2	2,935.20	1/2	2,590.56	1/2	2,245.92	1/2	1,901.28
3/4		3/4	4,651.22	3/4	4,306.58	3/4	3,961.94	3/4	3,617.30	3/4	3,272.66	3/4	2,928.02	3/4	2,583.38	3/4	2,238.74	3/4	1,894.10
11	4,909.59	11	4,644.04	11	4,299.40	11	3,954.76	11	3,610.12	11	3,265.48	11	2,920.84	11	2,576.20	11	2,231.56	11	1,886.92
1/4	4,909.28	1/4	4,636.86	1/4	4,292.22	1/4	3,947.58	1/4	3,602.94	1/4	3,258.30	1/4	2,913.66	1/4	2,569.02	1/4	2,224.38	1/4	1,879.74
1/2	4,908.96	1/2	4,629.68	1/2	4,285.04	1/2	3,940.40	1/2	3,595.76	1/2	3,251.12	1/2	2,906.48	1/2	2,561.84	1/2	2,217.20	1/2	1,872.56
3/4	4,907.66	3/4	4,622.50	3/4	4,277.86	3/4	3,933.22	3/4	3,588.58	3/4	3,243.94	3/4	2,899.30	3/4	2,554.66	3/4	2,210.02	3/4	1,865.38

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "WTC 3001"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,858.20	0	1,513.56	0	1,168.92	0	825.71	0	481.38	0	136.74	0		0		0		0	
1/4	1,851.02	1/4	1,506.38	1/4	1,161.74	1/4	818.56	1/4	474.20	1/4	129.56	1/4		1/4		1/4		1/4	
1/2	1,843.84	1/2	1,499.20	1/2	1,154.56	1/2	811.41	1/2	467.02	1/2	122.38	1/2		1/2		1/2		1/2	
3/4	1,836.66	3/4	1,492.02	3/4	1,147.41	3/4	804.26	3/4	459.84	3/4	115.20	3/4		3/4		3/4		3/4	
1	1,829.48	1	1,484.84	1	1,140.26	1	797.11	1	452.66	1	108.02	1		1		1		1	
1/4	1,822.30	1/4	1,477.66	1/4	1,133.11	1/4	789.96	1/4	445.48	1/4	100.84	1/4		1/4		1/4		1/4	
1/2	1,815.12	1/2	1,470.48	1/2	1,125.96	1/2	782.81	1/2	438.30	1/2	93.66	1/2		1/2		1/2		1/2	
3/4	1,807.94	3/4	1,463.30	3/4	1,118.81	3/4	775.66	3/4	431.12	3/4	86.64	3/4		3/4		3/4		3/4	
2	1,800.76	2	1,456.12	2	1,111.67	2	768.52	2	423.94	2	79.63	2		2		2		2	
1/4	1,793.58	1/4	1,448.94	1/4	1,104.52	1/4	761.37	1/4	416.76	1/4	72.61	1/4		1/4		1/4		1/4	
1/2	1,786.40	1/2	1,441.76	1/2	1,097.37	1/2	754.22	1/2	409.58	1/2	65.59	1/2		1/2		1/2		1/2	
3/4	1,779.22	3/4	1,434.58	3/4	1,090.22	3/4	747.04	3/4	402.40	3/4	59.72	3/4		3/4		3/4		3/4	
3	1,772.04	3	1,427.40	3	1,083.07	3	739.86	3	395.22	3	53.85	3		3		3		3	
1/4	1,764.86	1/4	1,420.22	1/4	1,075.92	1/4	732.68	1/4	388.04	1/4	47.97	1/4		1/4		1/4		1/4	
1/2	1,757.68	1/2	1,413.04	1/2	1,068.77	1/2	725.50	1/2	380.86	1/2	42.10	1/2		1/2		1/2		1/2	
3/4	1,750.50	3/4	1,405.86	3/4	1,061.62	3/4	718.32	3/4	373.68	3/4	37.53	3/4		3/4		3/4		3/4	
4	1,743.32	4	1,398.68	4	1,054.48	4	711.14	4	366.50	4	32.97	4		4		4		4	
1/4	1,736.14	1/4	1,391.50	1/4	1,047.33	1/4	703.96	1/4	359.32	1/4	28.40	1/4		1/4		1/4		1/4	
1/2	1,728.96	1/2	1,384.32	1/2	1,040.18	1/2	696.78	1/2	352.14	1/2	23.83	1/2		1/2		1/2		1/2	
3/4	1,721.78	3/4	1,377.14	3/4	1,033.03	3/4	689.60	3/4	344.96	3/4	20.57	3/4		3/4		3/4		3/4	
5	1,714.60	5	1,369.96	5	1,025.88	5	682.42	5	337.78	5	17.32	5		5		5		5	
1/4	1,707.42	1/4	1,362.78	1/4	1,018.73	1/4	675.24	1/4	330.60	1/4	14.06	1/4		1/4		1/4		1/4	
1/2	1,700.24	1/2	1,355.60	1/2	1,011.58	1/2	668.06	1/2	323.42	1/2	10.80	1/2		1/2		1/2		1/2	
3/4	1,693.06	3/4	1,348.42	3/4	1,004.43	3/4	660.88	3/4	316.24	3/4		3/4		3/4		3/4		3/4	
6	1,685.88	6	1,341.24	6	997.28	6	653.70	6	309.06	6		6		6		6		6	
1/4	1,678.70	1/4	1,334.06	1/4	990.13	1/4	646.52	1/4	301.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,671.52	1/2	1,326.88	1/2	982.98	1/2	639.34	1/2	294.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,664.34	3/4	1,319.70	3/4	975.83	3/4	632.16	3/4	287.52	3/4		3/4		3/4		3/4		3/4	
7	1,657.16	7	1,312.52	7	968.69	7	624.98	7	280.34	7		7		7		7		7	
1/4	1,649.98	1/4	1,305.34	1/4	961.54	1/4	617.80	1/4	273.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,642.80	1/2	1,298.16	1/2	954.39	1/2	610.62	1/2	265.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,635.62	3/4	1,290.98	3/4	947.24	3/4	603.44	3/4	258.80	3/4		3/4		3/4		3/4		3/4	
8	1,628.44	8	1,283.80	8	940.09	8	596.26	8	251.62	8		8		8		8		8	
1/4	1,621.26	1/4	1,276.62	1/4	932.94	1/4	589.08	1/4	244.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,614.08	1/2	1,269.44	1/2	925.79	1/2	581.90	1/2	237.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,606.90	3/4	1,262.26	3/4	918.64	3/4	574.72	3/4	230.08	3/4		3/4		3/4		3/4		3/4	
9	1,599.72	9	1,255.08	9	911.50	9	567.54	9	222.90	9		9		9		9		9	
1/4	1,592.54	1/4	1,247.90	1/4	904.35	1/4	560.36	1/4	215.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,585.36	1/2	1,240.72	1/2	897.20	1/2	553.18	1/2	208.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,578.18	3/4	1,233.54	3/4	890.05	3/4	546.00	3/4	201.36	3/4		3/4		3/4		3/4		3/4	
10	1,571.00	10	1,226.36	10	882.90	10	538.82	10	194.18	10		10		10		10		10	
1/4	1,563.82	1/4	1,219.18	1/4	875.75	1/4	531.64	1/4	187.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,556.64	1/2	1,212.00	1/2	868.60	1/2	524.46	1/2	179.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,549.46	3/4	1,204.82	3/4	861.45	3/4	517.28	3/4	172.64	3/4		3/4		3/4		3/4		3/4	
11	1,542.28	11	1,197.64	11	854.30	11	510.10	11	165.46	11		11		11		11		11	
1/4	1,535.10	1/4	1,190.46	1/4	847.15	1/4	502.92	1/4	158.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,527.92	1/2	1,183.28	1/2	840.00	1/2	495.74	1/2	151.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,520.74	3/4	1,176.10	3/4	832.85	3/4	488.56	3/4	143.92	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/20/2002 INSP
RECOMPUTED: 04/13/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WTC 3001"

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	4,623.84	0	4,425.52	0	4,185.80	0	3,946.10	0	3,706.39	0	3,435.49	0	3,070.69	0	2,705.89	0	2,341.09
1/4		1/4	4,622.94	1/4	4,420.53	1/4	4,180.81	1/4	3,941.10	1/4	3,701.39	1/4	3,427.89	1/4	3,063.09	1/4	2,698.29	1/4	2,333.49
1/2		1/2	4,622.04	1/2	4,415.53	1/2	4,175.81	1/2	3,936.11	1/2	3,696.40	1/2	3,420.29	1/2	3,055.49	1/2	2,690.69	1/2	2,325.89
3/4		3/4	4,621.14	3/4	4,410.54	3/4	4,170.82	3/4	3,931.11	3/4	3,691.40	3/4	3,412.69	3/4	3,047.89	3/4	2,683.09	3/4	2,318.29
1		1	4,619.33	1	4,405.55	1	4,165.83	1	3,926.12	1	3,686.41	1	3,405.09	1	3,040.29	1	2,675.49	1	2,310.69
1/4		1/4	4,617.52	1/4	4,400.55	1/4	4,160.83	1/4	3,921.13	1/4	3,681.41	1/4	3,397.49	1/4	3,032.69	1/4	2,667.89	1/4	2,303.09
1/2		1/2	4,615.71	1/2	4,395.56	1/2	4,155.84	1/2	3,916.13	1/2	3,676.42	1/2	3,389.89	1/2	3,025.09	1/2	2,660.29	1/2	2,295.49
3/4		3/4	4,613.90	3/4	4,390.56	3/4	4,150.85	3/4	3,911.14	3/4	3,671.42	3/4	3,382.29	3/4	3,017.49	3/4	2,652.69	3/4	2,287.89
2		2	4,611.18	2	4,385.57	2	4,145.85	2	3,906.15	2	3,666.43	2	3,374.69	2	3,009.89	2	2,645.09	2	2,280.29
1/4		1/4	4,608.46	1/4	4,380.57	1/4	4,140.86	1/4	3,901.15	1/4	3,661.44	1/4	3,367.09	1/4	3,002.29	1/4	2,637.49	1/4	2,272.69
1/2		1/2	4,605.74	1/2	4,375.58	1/2	4,135.86	1/2	3,896.16	1/2	3,656.44	1/2	3,359.49	1/2	2,994.69	1/2	2,629.89	1/2	2,265.09
3/4		3/4	4,603.02	3/4	4,370.58	3/4	4,130.87	3/4	3,891.16	3/4	3,651.45	3/4	3,351.89	3/4	2,987.09	3/4	2,622.29	3/4	2,257.49
3		3	4,599.39	3	4,365.59	3	4,125.88	3	3,886.17	3	3,646.46	3	3,344.29	3	2,979.49	3	2,614.69	3	2,249.89
1/4		1/4	4,595.76	1/4	4,360.60	1/4	4,120.88	1/4	3,881.17	1/4	3,641.46	1/4	3,336.69	1/4	2,971.89	1/4	2,607.09	1/4	2,242.29
1/2		1/2	4,592.13	1/2	4,355.60	1/2	4,115.89	1/2	3,876.18	1/2	3,636.47	1/2	3,329.09	1/2	2,964.29	1/2	2,599.49	1/2	2,234.69
3/4		3/4	4,588.50	3/4	4,350.61	3/4	4,110.90	3/4	3,871.18	3/4	3,631.47	3/4	3,321.49	3/4	2,956.69	3/4	2,591.89	3/4	2,227.09
4		4	4,583.96	4	4,345.62	4	4,105.90	4	3,866.19	4	3,626.48	4	3,313.89	4	2,949.09	4	2,584.29	4	2,219.49
1/4		1/4	4,579.42	1/4	4,340.62	1/4	4,100.91	1/4	3,861.20	1/4	3,621.49	1/4	3,306.29	1/4	2,941.49	1/4	2,576.69	1/4	2,211.89
1/2		1/2	4,574.88	1/2	4,335.63	1/2	4,095.91	1/2	3,856.20	1/2	3,616.49	1/2	3,298.69	1/2	2,933.89	1/2	2,569.09	1/2	2,204.29
3/4		3/4	4,570.34	3/4	4,330.63	3/4	4,090.92	3/4	3,851.21	3/4	3,611.50	3/4	3,291.09	3/4	2,926.29	3/4	2,561.49	3/4	2,196.69
5		5	4,565.35	5	4,325.64	5	4,085.92	5	3,846.22	5	3,606.51	5	3,283.49	5	2,918.69	5	2,553.89	5	2,189.09
1/4		1/4	4,560.36	1/4	4,320.64	1/4	4,080.93	1/4	3,841.22	1/4	3,601.51	1/4	3,275.89	1/4	2,911.09	1/4	2,546.29	1/4	2,181.49
1/2		1/2	4,555.36	1/2	4,315.65	1/2	4,075.93	1/2	3,836.23	1/2	3,596.52	1/2	3,268.29	1/2	2,903.49	1/2	2,538.69	1/2	2,173.89
3/4		3/4	4,550.37	3/4	4,310.66	3/4	4,070.94	3/4	3,831.23	3/4	3,591.52	3/4	3,260.69	3/4	2,895.89	3/4	2,531.09	3/4	2,166.29
6		6	4,545.38	6	4,305.66	6	4,065.95	6	3,826.24	6	3,586.47	6	3,253.09	6	2,888.29	6	2,523.49	6	2,158.69
1/4		1/4	4,540.38	1/4	4,300.67	1/4	4,060.95	1/4	3,821.25	1/4	3,581.42	1/4	3,245.49	1/4	2,880.69	1/4	2,515.89	1/4	2,151.09
1/2		1/2	4,535.39	1/2	4,295.67	1/2	4,055.96	1/2	3,816.25	1/2	3,576.37	1/2	3,237.89	1/2	2,873.09	1/2	2,508.29	1/2	2,143.49
3/4		3/4	4,530.39	3/4	4,290.68	3/4	4,050.97	3/4	3,811.26	3/4	3,571.32	3/4	3,230.29	3/4	2,865.49	3/4	2,500.69	3/4	2,135.89
7		7	4,525.40	7	4,285.68	7	4,045.97	7	3,806.27	7	3,565.86	7	3,222.69	7	2,857.89	7	2,493.09	7	2,128.29
1/4		1/4	4,520.41	1/4	4,280.69	1/4	4,040.98	1/4	3,801.27	1/4	3,560.40	1/4	3,215.09	1/4	2,850.29	1/4	2,485.49	1/4	2,120.69
1/2		1/2	4,515.41	1/2	4,275.70	1/2	4,035.98	1/2	3,796.28	1/2	3,554.94	1/2	3,207.49	1/2	2,842.69	1/2	2,477.89	1/2	2,113.09
3/4		3/4	4,510.42	3/4	4,270.70	3/4	4,030.99	3/4	3,791.28	3/4	3,549.48	3/4	3,199.89	3/4	2,835.09	3/4	2,470.29	3/4	2,105.49
8		8	4,505.43	8	4,265.71	8	4,026.00	8	3,786.29	8	3,543.55	8	3,192.29	8	2,827.49	8	2,462.69	8	2,097.89
1/4		1/4	4,500.43	1/4	4,260.71	1/4	4,021.00	1/4	3,781.29	1/4	3,537.61	1/4	3,184.69	1/4	2,819.89	1/4	2,455.09	1/4	2,090.29
1/2		1/2	4,495.44	1/2	4,255.72	1/2	4,016.01	1/2	3,776.30	1/2	3,531.68	1/2	3,177.09	1/2	2,812.29	1/2	2,447.49	1/2	2,082.69
3/4		3/4	4,490.44	3/4	4,250.73	3/4	4,011.02	3/4	3,771.30	3/4	3,525.74	3/4	3,169.49	3/4	2,804.69	3/4	2,439.89	3/4	2,075.09
9		9	4,485.45	9	4,245.73	9	4,006.03	9	3,766.31	9	3,519.33	9	3,161.89	9	2,797.09	9	2,432.29	9	2,067.49
1/4		1/4	4,480.45	1/4	4,240.74	1/4	4,001.03	1/4	3,761.32	1/4	3,512.92	1/4	3,154.29	1/4	2,789.49	1/4	2,424.69	1/4	2,059.89
1/2		1/2	4,475.46	1/2	4,235.74	1/2	3,996.04	1/2	3,756.32	1/2	3,506.50	1/2	3,146.69	1/2	2,781.89	1/2	2,417.09	1/2	2,052.29
3/4		3/4	4,470.46	3/4	4,230.75	3/4	3,991.04	3/4	3,751.33	3/4	3,500.09	3/4	3,139.09	3/4	2,774.29	3/4	2,409.49	3/4	2,044.69
10		10	4,465.47	10	4,225.76	10	3,986.05	10	3,746.34	10	3,493.20	10	3,131.49	10	2,766.69	10	2,401.89	10	2,037.09
1/4		1/4	4,460.48	1/4	4,220.76	1/4	3,981.05	1/4	3,741.34	1/4	3,486.32	1/4	3,123.89	1/4	2,759.09	1/4	2,394.29	1/4	2,029.49
1/2		1/2	4,455.48	1/2	4,215.77	1/2	3,976.06	1/2	3,736.35	1/2	3,479.43	1/2	3,116.29	1/2	2,751.49	1/2	2,386.69	1/2	2,021.89
3/4		3/4	4,450.49	3/4	4,210.78	3/4	3,971.06	3/4	3,731.35	3/4	3,472.54	3/4	3,108.69	3/4	2,743.89	3/4	2,379.09	3/4	2,014.29
11		11	4,445.50	11	4,205.78	11	3,966.07	11	3,726.36	11	3,465.18	11	3,101.09	11	2,736.29	11	2,371.49	11	2,006.69
1/4	4,625.18	1/4	4,440.50	1/4	4,200.79	1/4	3,961.08	1/4	3,721.37	1/4	3,457.82	1/4	3,093.49	1/4	2,728.69	1/4	2,363.89	1/4	1,999.09
1/2	4,624.96	1/2	4,435.51	1/2	4,195.79	1/2	3,956.08	1/2	3,716.37	1/2	3,450.45	1/2	3,085.89	1/2	2,721.09	1/2	2,356.29	1/2	1,991.49
3/4	4,624.74	3/4	4,430.51	3/4	4,190.80	3/4	3,951.09	3/4	3,711.38	3/4	3,443.09	3/4	3,078.29	3/4	2,713.49	3/4	2,348.69	3/4	1,983.89

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "WTC 3001"

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	1,976.29	0	1,611.49	0	1,246.69	0	881.89	0	517.09	0	152.29	0		0		0		0	
1/4	1,968.69	1/4	1,603.89	1/4	1,239.09	1/4	874.29	1/4	509.49	1/4	144.69	1/4		1/4		1/4		1/4	
1/2	1,961.09	1/2	1,596.29	1/2	1,231.49	1/2	866.69	1/2	501.89	1/2	137.09	1/2		1/2		1/2		1/2	
3/4	1,953.49	3/4	1,588.69	3/4	1,223.89	3/4	859.09	3/4	494.29	3/4	129.49	3/4		3/4		3/4		3/4	
1	1,945.89	1	1,581.09	1	1,216.29	1	851.49	1	486.69	1	121.89	1		1		1		1	
1/4	1,938.29	1/4	1,573.49	1/4	1,208.69	1/4	843.89	1/4	479.09	1/4	114.29	1/4		1/4		1/4		1/4	
1/2	1,930.69	1/2	1,565.89	1/2	1,201.09	1/2	836.29	1/2	471.49	1/2	106.69	1/2		1/2		1/2		1/2	
3/4	1,923.09	3/4	1,558.29	3/4	1,193.49	3/4	828.69	3/4	463.89	3/4	99.09	3/4		3/4		3/4		3/4	
2	1,915.49	2	1,550.69	2	1,185.89	2	821.09	2	456.29	2	91.66	2		2		2		2	
1/4	1,907.89	1/4	1,543.09	1/4	1,178.29	1/4	813.49	1/4	448.69	1/4	84.24	1/4		1/4		1/4		1/4	
1/2	1,900.29	1/2	1,535.49	1/2	1,170.69	1/2	805.89	1/2	441.09	1/2	76.81	1/2		1/2		1/2		1/2	
3/4	1,892.69	3/4	1,527.89	3/4	1,163.09	3/4	798.29	3/4	433.49	3/4	69.38	3/4		3/4		3/4		3/4	
3	1,885.09	3	1,520.29	3	1,155.49	3	790.69	3	425.89	3	63.17	3		3		3		3	
1/4	1,877.49	1/4	1,512.69	1/4	1,147.89	1/4	783.09	1/4	418.29	1/4	56.95	1/4		1/4		1/4		1/4	
1/2	1,869.89	1/2	1,505.09	1/2	1,140.29	1/2	775.49	1/2	410.69	1/2	50.74	1/2		1/2		1/2		1/2	
3/4	1,862.29	3/4	1,497.49	3/4	1,132.69	3/4	767.89	3/4	403.09	3/4	44.52	3/4		3/4		3/4		3/4	
4	1,854.69	4	1,489.89	4	1,125.09	4	760.29	4	395.49	4	39.69	4		4		4		4	
1/4	1,847.09	1/4	1,482.29	1/4	1,117.49	1/4	752.69	1/4	387.89	1/4	34.86	1/4		1/4		1/4		1/4	
1/2	1,839.49	1/2	1,474.69	1/2	1,109.89	1/2	745.09	1/2	380.29	1/2	30.03	1/2		1/2		1/2		1/2	
3/4	1,831.89	3/4	1,467.09	3/4	1,102.29	3/4	737.49	3/4	372.69	3/4	25.20	3/4		3/4		3/4		3/4	
5	1,824.29	5	1,459.49	5	1,094.69	5	729.89	5	365.09	5	21.76	5		5		5		5	
1/4	1,816.69	1/4	1,451.89	1/4	1,087.09	1/4	722.29	1/4	357.49	1/4	18.31	1/4		1/4		1/4		1/4	
1/2	1,809.09	1/2	1,444.29	1/2	1,079.49	1/2	714.69	1/2	349.89	1/2	14.87	1/2		1/2		1/2		1/2	
3/4	1,801.49	3/4	1,436.69	3/4	1,071.89	3/4	707.09	3/4	342.29	3/4	11.42	3/4		3/4		3/4		3/4	
6	1,793.89	6	1,429.09	6	1,064.29	6	699.49	6	334.69	6		6		6		6		6	
1/4	1,786.29	1/4	1,421.49	1/4	1,056.69	1/4	691.89	1/4	327.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,778.69	1/2	1,413.89	1/2	1,049.09	1/2	684.29	1/2	319.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,771.09	3/4	1,406.29	3/4	1,041.49	3/4	676.69	3/4	311.89	3/4		3/4		3/4		3/4		3/4	
7	1,763.49	7	1,398.69	7	1,033.89	7	669.09	7	304.29	7		7		7		7		7	
1/4	1,755.89	1/4	1,391.09	1/4	1,026.29	1/4	661.49	1/4	296.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,748.29	1/2	1,383.49	1/2	1,018.69	1/2	653.89	1/2	289.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,740.69	3/4	1,375.89	3/4	1,011.09	3/4	646.29	3/4	281.49	3/4		3/4		3/4		3/4		3/4	
8	1,733.09	8	1,368.29	8	1,003.49	8	638.69	8	274.09	8		8		8		8		8	
1/4	1,725.49	1/4	1,360.69	1/4	995.89	1/4	631.09	1/4	266.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,717.89	1/2	1,353.09	1/2	988.29	1/2	623.49	1/2	259.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,710.29	3/4	1,345.49	3/4	980.69	3/4	615.89	3/4	251.89	3/4		3/4		3/4		3/4		3/4	
9	1,702.69	9	1,337.89	9	973.09	9	608.29	9	244.09	9		9		9		9		9	
1/4	1,695.09	1/4	1,330.29	1/4	965.49	1/4	600.69	1/4	236.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,687.49	1/2	1,322.69	1/2	957.89	1/2	593.09	1/2	228.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,679.89	3/4	1,315.09	3/4	950.29	3/4	585.49	3/4	220.69	3/4		3/4		3/4		3/4		3/4	
10	1,672.29	10	1,307.49	10	942.69	10	577.89	10	213.09	10		10		10		10		10	
1/4	1,664.69	1/4	1,299.89	1/4	935.09	1/4	570.29	1/4	205.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,657.09	1/2	1,292.29	1/2	927.49	1/2	562.69	1/2	197.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.49	3/4	1,284.69	3/4	919.89	3/4	555.09	3/4	190.29	3/4		3/4		3/4		3/4		3/4	
11	1,641.89	11	1,277.09	11	912.29	11	547.49	11	182.69	11		11		11		11		11	
1/4	1,634.29	1/4	1,269.49	1/4	904.69	1/4	539.89	1/4	175.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,626.69	1/2	1,261.89	1/2	897.09	1/2	532.29	1/2	167.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,619.09	3/4	1,254.29	3/4	889.49	3/4	524.69	3/4	159.89	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/20/2002 INSP
RECOMPUTED: 04/13/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WTC 3001"

3 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	4,622.94	0	4,420.53	0	4,180.81	0	3,941.10	0	3,701.39	0	3,427.89	0	3,063.09	0	2,698.29	0	2,333.49
1/4		1/4	4,622.04	1/4	4,415.53	1/4	4,175.81	1/4	3,936.11	1/4	3,696.40	1/4	3,420.29	1/4	3,055.49	1/4	2,690.69	1/4	2,325.89
1/2		1/2	4,621.14	1/2	4,410.54	1/2	4,170.82	1/2	3,931.11	1/2	3,691.40	1/2	3,412.69	1/2	3,047.89	1/2	2,683.09	1/2	2,318.29
3/4		3/4	4,619.33	3/4	4,405.55	3/4	4,165.83	3/4	3,926.12	3/4	3,686.41	3/4	3,405.09	3/4	3,040.29	3/4	2,675.49	3/4	2,310.69
1		1	4,617.52	1	4,400.55	1	4,160.83	1	3,921.13	1	3,681.41	1	3,397.49	1	3,032.69	1	2,667.89	1	2,303.09
1/4		1/4	4,615.71	1/4	4,395.56	1/4	4,155.84	1/4	3,916.13	1/4	3,676.42	1/4	3,389.89	1/4	3,025.09	1/4	2,660.29	1/4	2,295.49
1/2		1/2	4,613.90	1/2	4,390.56	1/2	4,150.85	1/2	3,911.14	1/2	3,671.42	1/2	3,382.29	1/2	3,017.49	1/2	2,652.69	1/2	2,287.89
3/4		3/4	4,611.18	3/4	4,385.57	3/4	4,145.85	3/4	3,906.15	3/4	3,666.43	3/4	3,374.69	3/4	3,009.89	3/4	2,645.09	3/4	2,280.29
2		2	4,608.46	2	4,380.57	2	4,140.86	2	3,901.15	2	3,661.44	2	3,367.09	2	3,002.29	2	2,637.49	2	2,272.69
1/4		1/4	4,605.74	1/4	4,375.58	1/4	4,135.86	1/4	3,896.16	1/4	3,656.44	1/4	3,359.49	1/4	2,994.69	1/4	2,629.89	1/4	2,265.09
1/2		1/2	4,603.02	1/2	4,370.58	1/2	4,130.87	1/2	3,891.16	1/2	3,651.45	1/2	3,351.89	1/2	2,987.09	1/2	2,622.29	1/2	2,257.49
3/4		3/4	4,599.39	3/4	4,365.59	3/4	4,125.88	3/4	3,886.17	3/4	3,646.46	3/4	3,344.29	3/4	2,979.49	3/4	2,614.69	3/4	2,249.89
3		3	4,595.76	3	4,360.60	3	4,120.88	3	3,881.17	3	3,641.46	3	3,336.69	3	2,971.89	3	2,607.09	3	2,242.29
1/4		1/4	4,592.13	1/4	4,355.60	1/4	4,115.89	1/4	3,876.18	1/4	3,636.47	1/4	3,329.09	1/4	2,964.29	1/4	2,599.49	1/4	2,234.69
1/2		1/2	4,588.50	1/2	4,350.61	1/2	4,110.90	1/2	3,871.18	1/2	3,631.47	1/2	3,321.49	1/2	2,956.69	1/2	2,591.89	1/2	2,227.09
3/4		3/4	4,583.96	3/4	4,345.62	3/4	4,105.90	3/4	3,866.19	3/4	3,626.48	3/4	3,313.89	3/4	2,949.09	3/4	2,584.29	3/4	2,219.49
4		4	4,579.42	4	4,340.62	4	4,100.91	4	3,861.20	4	3,621.49	4	3,306.29	4	2,941.49	4	2,576.69	4	2,211.89
1/4		1/4	4,574.88	1/4	4,335.63	1/4	4,095.91	1/4	3,856.20	1/4	3,616.49	1/4	3,298.69	1/4	2,933.89	1/4	2,569.09	1/4	2,204.29
1/2		1/2	4,570.34	1/2	4,330.63	1/2	4,090.92	1/2	3,851.21	1/2	3,611.50	1/2	3,291.09	1/2	2,926.29	1/2	2,561.49	1/2	2,196.69
3/4		3/4	4,565.35	3/4	4,325.64	3/4	4,085.92	3/4	3,846.22	3/4	3,606.51	3/4	3,283.49	3/4	2,918.69	3/4	2,553.89	3/4	2,189.09
5		5	4,560.36	5	4,320.64	5	4,080.93	5	3,841.22	5	3,601.51	5	3,275.89	5	2,911.09	5	2,546.29	5	2,181.49
1/4		1/4	4,555.36	1/4	4,315.65	1/4	4,075.93	1/4	3,836.23	1/4	3,596.52	1/4	3,268.29	1/4	2,903.49	1/4	2,538.69	1/4	2,173.89
1/2		1/2	4,550.37	1/2	4,310.66	1/2	4,070.94	1/2	3,831.23	1/2	3,591.52	1/2	3,260.69	1/2	2,895.89	1/2	2,531.09	1/2	2,166.29
3/4		3/4	4,545.38	3/4	4,305.66	3/4	4,065.95	3/4	3,826.24	3/4	3,586.47	3/4	3,253.09	3/4	2,888.29	3/4	2,523.49	3/4	2,158.69
6		6	4,540.38	6	4,300.67	6	4,060.95	6	3,821.25	6	3,581.42	6	3,245.49	6	2,880.69	6	2,515.89	6	2,151.09
1/4		1/4	4,535.39	1/4	4,295.67	1/4	4,055.96	1/4	3,816.25	1/4	3,576.37	1/4	3,237.89	1/4	2,873.09	1/4	2,508.29	1/4	2,143.49
1/2		1/2	4,530.39	1/2	4,290.68	1/2	4,050.97	1/2	3,811.26	1/2	3,571.32	1/2	3,230.29	1/2	2,865.49	1/2	2,500.69	1/2	2,135.89
3/4		3/4	4,525.40	3/4	4,285.68	3/4	4,045.97	3/4	3,806.27	3/4	3,565.86	3/4	3,222.69	3/4	2,857.89	3/4	2,493.09	3/4	2,128.29
7		7	4,520.41	7	4,280.69	7	4,040.98	7	3,801.27	7	3,560.40	7	3,215.09	7	2,850.29	7	2,485.49	7	2,120.69
1/4		1/4	4,515.41	1/4	4,275.70	1/4	4,035.98	1/4	3,796.28	1/4	3,554.94	1/4	3,207.49	1/4	2,842.69	1/4	2,477.89	1/4	2,113.09
1/2		1/2	4,510.42	1/2	4,270.70	1/2	4,030.99	1/2	3,791.28	1/2	3,549.48	1/2	3,199.89	1/2	2,835.09	1/2	2,470.29	1/2	2,105.49
3/4		3/4	4,505.43	3/4	4,265.71	3/4	4,026.00	3/4	3,786.29	3/4	3,543.55	3/4	3,192.29	3/4	2,827.49	3/4	2,462.69	3/4	2,097.89
8		8	4,500.43	8	4,260.71	8	4,021.00	8	3,781.29	8	3,537.61	8	3,184.69	8	2,819.89	8	2,455.09	8	2,090.29
1/4		1/4	4,495.44	1/4	4,255.72	1/4	4,016.01	1/4	3,776.30	1/4	3,531.68	1/4	3,177.09	1/4	2,812.29	1/4	2,447.49	1/4	2,082.69
1/2		1/2	4,490.44	1/2	4,250.73	1/2	4,011.02	1/2	3,771.30	1/2	3,525.74	1/2	3,169.49	1/2	2,804.69	1/2	2,439.89	1/2	2,075.09
3/4		3/4	4,485.45	3/4	4,245.73	3/4	4,006.03	3/4	3,766.31	3/4	3,519.33	3/4	3,161.89	3/4	2,797.09	3/4	2,432.29	3/4	2,067.49
9		9	4,480.45	9	4,240.74	9	4,001.03	9	3,761.32	9	3,512.92	9	3,154.29	9	2,789.49	9	2,424.69	9	2,059.89
1/4		1/4	4,475.46	1/4	4,235.74	1/4	3,996.04	1/4	3,756.32	1/4	3,506.50	1/4	3,146.69	1/4	2,781.89	1/4	2,417.09	1/4	2,052.29
1/2		1/2	4,470.46	1/2	4,230.75	1/2	3,991.04	1/2	3,751.33	1/2	3,500.09	1/2	3,139.09	1/2	2,774.29	1/2	2,409.49	1/2	2,044.69
3/4		3/4	4,465.47	3/4	4,225.76	3/4	3,986.05	3/4	3,746.34	3/4	3,493.20	3/4	3,131.49	3/4	2,766.69	3/4	2,401.89	3/4	2,037.09
10		10	4,460.48	10	4,220.76	10	3,981.05	10	3,741.34	10	3,486.32	10	3,123.89	10	2,759.09	10	2,394.29	10	2,029.49
1/4		1/4	4,455.48	1/4	4,215.77	1/4	3,976.06	1/4	3,736.35	1/4	3,479.43	1/4	3,116.29	1/4	2,751.49	1/4	2,386.69	1/4	2,021.89
1/2		1/2	4,450.49	1/2	4,210.78	1/2	3,971.06	1/2	3,731.35	1/2	3,472.54	1/2	3,108.69	1/2	2,743.89	1/2	2,379.09	1/2	2,014.29
3/4		3/4	4,445.50	3/4	4,205.78	3/4	3,966.07	3/4	3,726.36	3/4	3,465.18	3/4	3,101.09	3/4	2,736.29	3/4	2,371.49	3/4	2,006.69
11	4,625.18	11	4,440.50	11	4,200.79	11	3,961.08	11	3,721.37	11	3,457.82	11	3,093.49	11	2,728.69	11	2,363.89	11	1,999.09
1/4	4,624.96	1/4	4,435.51	1/4	4,195.79	1/4	3,956.08	1/4	3,716.37	1/4	3,450.45	1/4	3,085.89	1/4	2,721.09	1/4	2,356.29	1/4	1,991.49
1/2	4,624.74	1/2	4,430.51	1/2	4,190.80	1/2	3,951.09	1/2	3,711.38	1/2	3,443.09	1/2	3,078.29	1/2	2,713.49	1/2	2,348.69	1/2	1,983.89
3/4	4,623.84	3/4	4,425.52	3/4	4,185.80	3/4	3,946.10	3/4	3,706.39	3/4	3,435.49	3/4	3,070.69	3/4	2,705.89	3/4	2,341.09	3/4	1,976.29

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "WTC 3001"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,968.69	0	1,603.89	0	1,239.09	0	874.29	0	509.49	0	144.69	0		0		0		0	
1/4	1,961.09	1/4	1,596.29	1/4	1,231.49	1/4	866.69	1/4	501.89	1/4	137.09	1/4		1/4		1/4		1/4	
1/2	1,953.49	1/2	1,588.69	1/2	1,223.89	1/2	859.09	1/2	494.29	1/2	129.49	1/2		1/2		1/2		1/2	
3/4	1,945.89	3/4	1,581.09	3/4	1,216.29	3/4	851.49	3/4	486.69	3/4	121.89	3/4		3/4		3/4		3/4	
1	1,938.29	1	1,573.49	1	1,208.69	1	843.89	1	479.09	1	114.29	1		1		1		1	
1/4	1,930.69	1/4	1,565.89	1/4	1,201.09	1/4	836.29	1/4	471.49	1/4	106.69	1/4		1/4		1/4		1/4	
1/2	1,923.09	1/2	1,558.29	1/2	1,193.49	1/2	828.69	1/2	463.89	1/2	99.09	1/2		1/2		1/2		1/2	
3/4	1,915.49	3/4	1,550.69	3/4	1,185.89	3/4	821.09	3/4	456.29	3/4	91.66	3/4		3/4		3/4		3/4	
2	1,907.89	2	1,543.09	2	1,178.29	2	813.49	2	448.69	2	84.24	2		2		2		2	
1/4	1,900.29	1/4	1,535.49	1/4	1,170.69	1/4	805.89	1/4	441.09	1/4	76.81	1/4		1/4		1/4		1/4	
1/2	1,892.69	1/2	1,527.89	1/2	1,163.09	1/2	798.29	1/2	433.49	1/2	69.38	1/2		1/2		1/2		1/2	
3/4	1,885.09	3/4	1,520.29	3/4	1,155.49	3/4	790.69	3/4	425.89	3/4	63.17	3/4		3/4		3/4		3/4	
3	1,877.49	3	1,512.69	3	1,147.89	3	783.09	3	418.29	3	56.95	3		3		3		3	
1/4	1,869.89	1/4	1,505.09	1/4	1,140.29	1/4	775.49	1/4	410.69	1/4	50.74	1/4		1/4		1/4		1/4	
1/2	1,862.29	1/2	1,497.49	1/2	1,132.69	1/2	767.89	1/2	403.09	1/2	44.52	1/2		1/2		1/2		1/2	
3/4	1,854.69	3/4	1,489.89	3/4	1,125.09	3/4	760.29	3/4	395.49	3/4	39.69	3/4		3/4		3/4		3/4	
4	1,847.09	4	1,482.29	4	1,117.49	4	752.69	4	387.89	4	34.86	4		4		4		4	
1/4	1,839.49	1/4	1,474.69	1/4	1,109.89	1/4	745.09	1/4	380.29	1/4	30.03	1/4		1/4		1/4		1/4	
1/2	1,831.89	1/2	1,467.09	1/2	1,102.29	1/2	737.49	1/2	372.69	1/2	25.20	1/2		1/2		1/2		1/2	
3/4	1,824.29	3/4	1,459.49	3/4	1,094.69	3/4	729.89	3/4	365.09	3/4	21.76	3/4		3/4		3/4		3/4	
5	1,816.69	5	1,451.89	5	1,087.09	5	722.29	5	357.49	5	18.31	5		5		5		5	
1/4	1,809.09	1/4	1,444.29	1/4	1,079.49	1/4	714.69	1/4	349.89	1/4	14.87	1/4		1/4		1/4		1/4	
1/2	1,801.49	1/2	1,436.69	1/2	1,071.89	1/2	707.09	1/2	342.29	1/2	11.42	1/2		1/2		1/2		1/2	
3/4	1,793.89	3/4	1,429.09	3/4	1,064.29	3/4	699.49	3/4	334.69	3/4		3/4		3/4		3/4		3/4	
6	1,786.29	6	1,421.49	6	1,056.69	6	691.89	6	327.09	6		6		6		6		6	
1/4	1,778.69	1/4	1,413.89	1/4	1,049.09	1/4	684.29	1/4	319.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,771.09	1/2	1,406.29	1/2	1,041.49	1/2	676.69	1/2	311.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,763.49	3/4	1,398.69	3/4	1,033.89	3/4	669.09	3/4	304.29	3/4		3/4		3/4		3/4		3/4	
7	1,755.89	7	1,391.09	7	1,026.29	7	661.49	7	296.69	7		7		7		7		7	
1/4	1,748.29	1/4	1,383.49	1/4	1,018.69	1/4	653.89	1/4	289.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,740.69	1/2	1,375.89	1/2	1,011.09	1/2	646.29	1/2	281.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,733.09	3/4	1,368.29	3/4	1,003.49	3/4	638.69	3/4	274.09	3/4		3/4		3/4		3/4		3/4	
8	1,725.49	8	1,360.69	8	995.89	8	631.09	8	266.69	8		8		8		8		8	
1/4	1,717.89	1/4	1,353.09	1/4	988.29	1/4	623.49	1/4	259.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,710.29	1/2	1,345.49	1/2	980.69	1/2	615.89	1/2	251.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,702.69	3/4	1,337.89	3/4	973.09	3/4	608.29	3/4	244.09	3/4		3/4		3/4		3/4		3/4	
9	1,695.09	9	1,330.29	9	965.49	9	600.69	9	236.29	9		9		9		9		9	
1/4	1,687.49	1/4	1,322.69	1/4	957.89	1/4	593.09	1/4	228.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,679.89	1/2	1,315.09	1/2	950.29	1/2	585.49	1/2	220.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,672.29	3/4	1,307.49	3/4	942.69	3/4	577.89	3/4	213.09	3/4		3/4		3/4		3/4		3/4	
10	1,664.69	10	1,299.89	10	935.09	10	570.29	10	205.49	10		10		10		10		10	
1/4	1,657.09	1/4	1,292.29	1/4	927.49	1/4	562.69	1/4	197.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,649.49	1/2	1,284.69	1/2	919.89	1/2	555.09	1/2	190.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,641.89	3/4	1,277.09	3/4	912.29	3/4	547.49	3/4	182.69	3/4		3/4		3/4		3/4		3/4	
11	1,634.29	11	1,269.49	11	904.69	11	539.89	11	175.09	11		11		11		11		11	
1/4	1,626.69	1/4	1,261.89	1/4	897.09	1/4	532.29	1/4	167.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,619.09	1/2	1,254.29	1/2	889.49	1/2	524.69	1/2	159.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,611.49	3/4	1,246.69	3/4	881.89	3/4	517.09	3/4	152.29	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INSP
RECOMPUTED: 04/13/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2017

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