



BARGE "WTC 3002"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05"

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	5,168.61	0	4,859.42	0	4,493.32	0	4,127.22	0	3,761.13	0	3,395.03	0	3,028.94	0	2,662.84	0	2,296.74
1/4		1/4	5,166.53	1/4	4,851.79	1/4	4,485.69	1/4	4,119.60	1/4	3,753.50	1/4	3,387.40	1/4	3,021.31	1/4	2,655.21	1/4	2,289.12
1/2		1/2	5,164.45	1/2	4,844.17	1/2	4,478.07	1/2	4,111.97	1/2	3,745.88	1/2	3,379.78	1/2	3,013.69	1/2	2,647.59	1/2	2,281.49
3/4		3/4	5,162.37	3/4	4,836.54	3/4	4,470.44	3/4	4,104.35	3/4	3,738.25	3/4	3,372.15	3/4	3,006.06	3/4	2,639.96	3/4	2,273.87
1		1	5,160.29	1	4,828.91	1	4,462.81	1	4,096.72	1	3,730.62	1	3,364.52	1	2,998.43	1	2,632.33	1	2,266.24
1/4		1/4	5,156.83	1/4	4,821.28	1/4	4,455.18	1/4	4,089.09	1/4	3,722.99	1/4	3,356.90	1/4	2,990.80	1/4	2,624.70	1/4	2,258.61
1/2		1/2	5,153.37	1/2	4,813.66	1/2	4,447.56	1/2	4,081.47	1/2	3,715.37	1/2	3,349.27	1/2	2,983.18	1/2	2,617.08	1/2	2,250.99
3/4		3/4	5,149.91	3/4	4,806.03	3/4	4,439.93	3/4	4,073.84	3/4	3,707.74	3/4	3,341.65	3/4	2,975.55	3/4	2,609.45	3/4	2,243.36
2		2	5,146.45	2	4,798.40	2	4,432.30	2	4,066.21	2	3,700.11	2	3,334.02	2	2,967.92	2	2,601.82	2	2,235.73
1/4		1/4	5,141.60	1/4	4,790.77	1/4	4,424.68	1/4	4,058.58	1/4	3,692.48	1/4	3,326.39	1/4	2,960.29	1/4	2,594.20	1/4	2,228.10
1/2		1/2	5,136.75	1/2	4,783.15	1/2	4,417.05	1/2	4,050.96	1/2	3,684.86	1/2	3,318.77	1/2	2,952.67	1/2	2,586.57	1/2	2,220.48
3/4		3/4	5,131.90	3/4	4,775.52	3/4	4,409.43	3/4	4,043.33	3/4	3,677.23	3/4	3,311.14	3/4	2,945.04	3/4	2,578.95	3/4	2,212.85
3		3	5,127.05	3	4,767.89	3	4,401.80	3	4,035.70	3	3,669.60	3	3,303.51	3	2,937.41	3	2,571.32	3	2,205.22
1/4		1/4	5,120.81	1/4	4,760.26	1/4	4,394.17	1/4	4,028.07	1/4	3,661.98	1/4	3,295.88	1/4	2,929.78	1/4	2,563.69	1/4	2,197.59
1/2		1/2	5,114.57	1/2	4,752.64	1/2	4,386.55	1/2	4,020.45	1/2	3,654.35	1/2	3,288.26	1/2	2,922.16	1/2	2,556.16	1/2	2,189.97
3/4		3/4	5,108.33	3/4	4,745.01	3/4	4,378.92	3/4	4,012.82	3/4	3,646.73	3/4	3,280.63	3/4	2,914.53	3/4	2,548.44	3/4	2,182.34
4		4	5,102.09	4	4,737.38	4	4,371.29	4	4,005.19	4	3,639.10	4	3,273.00	4	2,906.90	4	2,540.81	4	2,174.71
1/4		1/4	5,094.81	1/4	4,729.76	1/4	4,363.66	1/4	3,997.56	1/4	3,631.47	1/4	3,265.37	1/4	2,899.28	1/4	2,533.18	1/4	2,167.08
1/2		1/2	5,087.53	1/2	4,722.13	1/2	4,356.04	1/2	3,989.94	1/2	3,623.85	1/2	3,257.75	1/2	2,891.65	1/2	2,525.56	1/2	2,159.46
3/4		3/4	5,080.25	3/4	4,714.51	3/4	4,348.41	3/4	3,982.31	3/4	3,616.22	3/4	3,250.12	3/4	2,884.03	3/4	2,517.93	3/4	2,151.83
5		5	5,072.97	5	4,706.88	5	4,340.78	5	3,974.68	5	3,608.59	5	3,242.49	5	2,876.40	5	2,510.30	5	2,144.20
1/4		1/4	5,065.35	1/4	4,699.25	1/4	4,333.15	1/4	3,967.06	1/4	3,600.96	1/4	3,234.86	1/4	2,868.77	1/4	2,502.67	1/4	2,136.58
1/2		1/2	5,057.72	1/2	4,691.63	1/2	4,325.53	1/2	3,959.43	1/2	3,593.34	1/2	3,227.24	1/2	2,861.15	1/2	2,495.05	1/2	2,128.95
3/4		3/4	5,050.10	3/4	4,684.00	3/4	4,317.90	3/4	3,951.81	3/4	3,585.71	3/4	3,219.61	3/4	2,853.52	3/4	2,487.42	3/4	2,121.33
6		6	5,042.47	6	4,676.37	6	4,310.27	6	3,944.18	6	3,578.08	6	3,211.98	6	2,845.89	6	2,479.79	6	2,113.70
1/4		1/4	5,034.84	1/4	4,668.74	1/4	4,302.64	1/4	3,936.55	1/4	3,570.45	1/4	3,204.36	1/4	2,838.26	1/4	2,472.16	1/4	2,106.07
1/2		1/2	5,027.22	1/2	4,661.12	1/2	4,295.02	1/2	3,928.93	1/2	3,562.83	1/2	3,196.73	1/2	2,830.64	1/2	2,464.54	1/2	2,098.45
3/4		3/4	5,019.59	3/4	4,653.49	3/4	4,287.39	3/4	3,921.30	3/4	3,555.20	3/4	3,189.11	3/4	2,823.01	3/4	2,456.91	3/4	2,090.82
7		7	5,011.96	7	4,645.86	7	4,279.76	7	3,913.67	7	3,547.57	7	3,181.48	7	2,815.38	7	2,449.28	7	2,083.19
1/4		1/4	5,004.33	1/4	4,638.23	1/4	4,272.14	1/4	3,906.04	1/4	3,539.94	1/4	3,173.85	1/4	2,807.75	1/4	2,441.66	1/4	2,075.56
1/2		1/2	4,996.71	1/2	4,630.61	1/2	4,264.51	1/2	3,898.42	1/2	3,532.32	1/2	3,166.23	1/2	2,800.13	1/2	2,434.03	1/2	2,067.94
3/4		3/4	4,989.08	3/4	4,622.98	3/4	4,256.89	3/4	3,890.79	3/4	3,524.69	3/4	3,158.60	3/4	2,792.50	3/4	2,426.41	3/4	2,060.31
8		8	4,981.45	8	4,615.35	8	4,249.26	8	3,883.16	8	3,517.06	8	3,150.97	8	2,784.87	8	2,418.78	8	2,052.68
1/4		1/4	4,973.82	1/4	4,607.72	1/4	4,241.63	1/4	3,875.53	1/4	3,509.44	1/4	3,143.34	1/4	2,777.24	1/4	2,411.15	1/4	2,045.05
1/2		1/2	4,966.20	1/2	4,600.10	1/2	4,234.01	1/2	3,867.91	1/2	3,501.81	1/2	3,135.72	1/2	2,769.62	1/2	2,403.53	1/2	2,037.43
3/4		3/4	4,958.57	3/4	4,592.47	3/4	4,226.38	3/4	3,860.28	3/4	3,494.19	3/4	3,128.09	3/4	2,761.99	3/4	2,395.90	3/4	2,029.80
9		9	4,950.94	9	4,584.84	9	4,218.75	9	3,852.65	9	3,486.56	9	3,120.46	9	2,754.36	9	2,388.27	9	2,022.17
1/4		1/4	4,943.31	1/4	4,577.22	1/4	4,211.12	1/4	3,845.02	1/4	3,478.93	1/4	3,112.83	1/4	2,746.74	1/4	2,380.64	1/4	2,014.54
1/2		1/2	4,935.69	1/2	4,569.59	1/2	4,203.50	1/2	3,837.40	1/2	3,471.31	1/2	3,105.21	1/2	2,739.11	1/2	2,373.02	1/2	2,006.92
3/4		3/4	4,928.06	3/4	4,561.97	3/4	4,195.87	3/4	3,829.77	3/4	3,463.68	3/4	3,097.58	3/4	2,731.49	3/4	2,365.39	3/4	1,999.29
10		10	4,920.43	10	4,554.34	10	4,188.24	10	3,822.14	10	3,456.05	10	3,089.95	10	2,723.86	10	2,357.76	10	1,991.66
1/4		1/4	4,912.80	1/4	4,546.71	1/4	4,180.61	1/4	3,814.52	1/4	3,448.42	1/4	3,082.32	1/4	2,716.23	1/4	2,350.13	1/4	1,984.04
1/2		1/2	4,905.18	1/2	4,539.09	1/2	4,172.99	1/2	3,806.89	1/2	3,440.80	1/2	3,074.70	1/2	2,708.61	1/2	2,342.51	1/2	1,976.41
3/4		3/4	4,897.55	3/4	4,531.46	3/4	4,165.36	3/4	3,799.27	3/4	3,433.17	3/4	3,067.07	3/4	2,700.98	3/4	2,334.88	3/4	1,968.79
11	5,172.06	11	4,889.92	11	4,523.83	11	4,157.73	11	3,791.64	11	3,425.54	11	3,059.44	11	2,693.35	11	2,327.25	11	1,961.16
1/4	5,171.20	1/4	4,882.30	1/4	4,516.20	1/4	4,150.10	1/4	3,784.01	1/4	3,417.91	1/4	3,051.82	1/4	2,685.72	1/4	2,319.62	1/4	1,953.53
1/2	5,170.34	1/2	4,874.67	1/2	4,508.58	1/2	4,142.48	1/2	3,776.39	1/2	3,410.29	1/2	3,044.19	1/2	2,678.10	1/2	2,312.00	1/2	1,945.91
3/4	5,169.47	3/4	4,867.05	3/4	4,500.95	3/4	4,134.85	3/4	3,768.76	3/4	3,402.66	3/4	3,036.57	3/4	2,670.47	3/4	2,304.37	3/4	1,938.28

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.

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BARGE "WTC 3002"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05"

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	1,930.65	0	1,564.55	0	1,198.46	0	832.36	0	467.01	0	126.77	0		0		0		0	
1/4	1,923.02	1/4	1,556.92	1/4	1,190.83	1/4	824.73	1/4	459.51	1/4	120.10	1/4		1/4	1/4		1/4	1/4	
1/2	1,915.40	1/2	1,549.30	1/2	1,183.21	1/2	817.11	1/2	452.00	1/2	113.43	1/2		1/2	1/2		1/2	1/2	
3/4	1,907.77	3/4	1,541.67	3/4	1,175.58	3/4	809.48	3/4	444.50	3/4	106.76	3/4		3/4	3/4		3/4	3/4	
1	1,900.14	1	1,534.04	1	1,167.95	1	801.85	1	436.99	1	100.09	1		1	1		1	1	
1/4	1,892.51	1/4	1,526.42	1/4	1,160.32	1/4	794.22	1/4	429.59	1/4	93.52	1/4		1/4	1/4		1/4	1/4	
1/2	1,884.89	1/2	1,518.79	1/2	1,152.70	1/2	786.60	1/2	422.19	1/2	86.96	1/2		1/2	1/2		1/2	1/2	
3/4	1,877.26	3/4	1,511.17	3/4	1,145.07	3/4	778.97	3/4	414.78	3/4	80.39	3/4		3/4	3/4		3/4	3/4	
2	1,869.63	2	1,503.54	2	1,137.44	2	771.34	2	407.38	2	73.82	2		2	2		2	2	
1/4	1,862.00	1/4	1,495.91	1/4	1,129.81	1/4	763.72	1/4	400.09	1/4	68.04	1/4		1/4	1/4		1/4	1/4	
1/2	1,854.38	1/2	1,488.29	1/2	1,122.19	1/2	756.09	1/2	392.79	1/2	62.27	1/2		1/2	1/2		1/2	1/2	
3/4	1,846.75	3/4	1,480.66	3/4	1,114.56	3/4	748.47	3/4	385.50	3/4	56.49	3/4		3/4	3/4		3/4	3/4	
3	1,839.12	3	1,473.03	3	1,106.93	3	740.84	3	378.20	3	50.71	3		3	3		3	3	
1/4	1,831.50	1/4	1,465.40	1/4	1,099.30	1/4	733.21	1/4	370.91	1/4	45.89	1/4		1/4	1/4		1/4	1/4	
1/2	1,823.87	1/2	1,457.78	1/2	1,091.68	1/2	725.59	1/2	363.61	1/2	41.07	1/2		1/2	1/2		1/2	1/2	
3/4	1,816.25	3/4	1,450.15	3/4	1,084.05	3/4	717.96	3/4	356.32	3/4	36.25	3/4		3/4	3/4		3/4	3/4	
4	1,808.62	4	1,442.52	4	1,076.42	4	710.33	4	349.02	4	31.43	4		4	4		4	4	
1/4	1,800.99	1/4	1,434.89	1/4	1,068.80	1/4	702.70	1/4	341.83	1/4	27.81	1/4		1/4	1/4		1/4	1/4	
1/2	1,793.37	1/2	1,427.27	1/2	1,061.17	1/2	695.08	1/2	334.64	1/2	24.19	1/2		1/2	1/2		1/2	1/2	
3/4	1,785.74	3/4	1,419.64	3/4	1,053.55	3/4	687.45	3/4	327.44	3/4	20.57	3/4		3/4	3/4		3/4	3/4	
5	1,778.11	5	1,412.01	5	1,045.92	5	679.82	5	320.25	5	16.95	5		5	5		5	5	
1/4	1,770.48	1/4	1,404.38	1/4	1,038.29	1/4	672.19	1/4	313.16	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,762.86	1/2	1,396.76	1/2	1,030.67	1/2	664.57	1/2	306.07	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,755.23	3/4	1,389.13	3/4	1,023.04	3/4	656.94	3/4	298.98	3/4		3/4		3/4	3/4		3/4	3/4	
6	1,747.60	6	1,381.50	6	1,015.41	6	649.31	6	291.89	6		6		6	6		6	6	
1/4	1,739.97	1/4	1,373.88	1/4	1,007.78	1/4	641.68	1/4	284.80	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,732.35	1/2	1,366.25	1/2	1,000.16	1/2	634.06	1/2	277.71	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,724.72	3/4	1,358.63	3/4	992.53	3/4	626.43	3/4	270.62	3/4		3/4		3/4	3/4		3/4	3/4	
7	1,717.09	7	1,351.00	7	984.90	7	618.80	7	263.53	7		7		7	7		7	7	
1/4	1,709.46	1/4	1,343.37	1/4	977.27	1/4	611.18	1/4	256.55	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,701.84	1/2	1,335.75	1/2	969.65	1/2	603.55	1/2	249.57	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,694.21	3/4	1,328.12	3/4	962.02	3/4	595.93	3/4	242.58	3/4		3/4		3/4	3/4		3/4	3/4	
8	1,686.58	8	1,320.49	8	954.39	8	588.30	8	235.60	8		8		8	8		8	8	
1/4	1,678.96	1/4	1,312.86	1/4	946.76	1/4	580.67	1/4	228.72	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,671.33	1/2	1,305.24	1/2	939.14	1/2	573.05	1/2	221.84	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,663.71	3/4	1,297.61	3/4	931.51	3/4	565.42	3/4	214.96	3/4		3/4		3/4	3/4		3/4	3/4	
9	1,656.08	9	1,289.98	9	923.88	9	557.79	9	208.08	9		9		9	9		9	9	
1/4	1,648.45	1/4	1,282.35	1/4	916.26	1/4	550.16	1/4	201.20	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,640.83	1/2	1,274.73	1/2	908.63	1/2	542.54	1/2	194.32	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,633.20	3/4	1,267.10	3/4	901.01	3/4	534.91	3/4	187.44	3/4		3/4		3/4	3/4		3/4	3/4	
10	1,625.57	10	1,259.47	10	893.38	10	527.28	10	180.56	10		10		10	10		10	10	
1/4	1,617.94	1/4	1,251.84	1/4	885.75	1/4	519.72	1/4	173.78	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,610.32	1/2	1,244.22	1/2	878.13	1/2	512.16	1/2	167.01	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,602.69	3/4	1,236.59	3/4	870.50	3/4	504.59	3/4	160.23	3/4		3/4		3/4	3/4		3/4	3/4	
11	1,595.06	11	1,228.96	11	862.87	11	497.03	11	153.45	11		11		11	11		11	11	
1/4	1,587.43	1/4	1,221.34	1/4	855.24	1/4	489.53	1/4	146.78	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,579.81	1/2	1,213.71	1/2	847.62	1/2	482.02	1/2	140.11	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,572.18	3/4	1,206.09	3/4	839.99	3/4	474.52	3/4	133.44	3/4		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 3002"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05"

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	5,168.61	0	4,859.42	0	4,493.32	0	4,127.22	0	3,761.13	0	3,395.03	0	3,028.94	0	2,662.84	0	2,296.74
1/4		1/4	5,166.53	1/4	4,851.79	1/4	4,485.69	1/4	4,119.60	1/4	3,753.50	1/4	3,387.40	1/4	3,021.31	1/4	2,655.21	1/4	2,289.12
1/2		1/2	5,164.45	1/2	4,844.17	1/2	4,478.07	1/2	4,111.97	1/2	3,745.88	1/2	3,379.78	1/2	3,013.69	1/2	2,647.59	1/2	2,281.49
3/4		3/4	5,162.37	3/4	4,836.54	3/4	4,470.44	3/4	4,104.35	3/4	3,738.25	3/4	3,372.15	3/4	3,006.06	3/4	2,639.96	3/4	2,273.87
1		1	5,160.29	1	4,828.91	1	4,462.81	1	4,096.72	1	3,730.62	1	3,364.52	1	2,998.43	1	2,632.33	1	2,266.24
1/4		1/4	5,156.83	1/4	4,821.28	1/4	4,455.18	1/4	4,089.09	1/4	3,722.99	1/4	3,356.90	1/4	2,990.80	1/4	2,624.70	1/4	2,258.61
1/2		1/2	5,153.37	1/2	4,813.66	1/2	4,447.56	1/2	4,081.47	1/2	3,715.37	1/2	3,349.27	1/2	2,983.18	1/2	2,617.08	1/2	2,250.99
3/4		3/4	5,149.91	3/4	4,806.03	3/4	4,439.93	3/4	4,073.84	3/4	3,707.74	3/4	3,341.65	3/4	2,975.55	3/4	2,609.45	3/4	2,243.36
2		2	5,146.45	2	4,798.40	2	4,432.30	2	4,066.21	2	3,700.11	2	3,334.02	2	2,967.92	2	2,601.82	2	2,235.73
1/4		1/4	5,141.60	1/4	4,790.77	1/4	4,424.68	1/4	4,058.58	1/4	3,692.48	1/4	3,326.39	1/4	2,960.29	1/4	2,594.20	1/4	2,228.10
1/2		1/2	5,136.75	1/2	4,783.15	1/2	4,417.05	1/2	4,050.96	1/2	3,684.86	1/2	3,318.77	1/2	2,952.67	1/2	2,586.57	1/2	2,220.48
3/4		3/4	5,131.90	3/4	4,775.52	3/4	4,409.43	3/4	4,043.33	3/4	3,677.23	3/4	3,311.14	3/4	2,945.04	3/4	2,578.95	3/4	2,212.85
3		3	5,127.05	3	4,767.89	3	4,401.80	3	4,035.70	3	3,669.60	3	3,303.51	3	2,937.41	3	2,571.32	3	2,205.22
1/4		1/4	5,120.81	1/4	4,760.26	1/4	4,394.17	1/4	4,028.07	1/4	3,661.98	1/4	3,295.88	1/4	2,929.78	1/4	2,563.69	1/4	2,197.59
1/2		1/2	5,114.57	1/2	4,752.64	1/2	4,386.55	1/2	4,020.45	1/2	3,654.35	1/2	3,288.26	1/2	2,922.16	1/2	2,556.07	1/2	2,189.97
3/4		3/4	5,108.33	3/4	4,745.01	3/4	4,378.92	3/4	4,012.82	3/4	3,646.73	3/4	3,280.63	3/4	2,914.53	3/4	2,548.44	3/4	2,182.34
4		4	5,102.09	4	4,737.38	4	4,371.29	4	4,005.19	4	3,639.10	4	3,273.00	4	2,906.90	4	2,540.81	4	2,174.71
1/4		1/4	5,094.81	1/4	4,729.76	1/4	4,363.66	1/4	3,997.56	1/4	3,631.47	1/4	3,265.37	1/4	2,899.28	1/4	2,533.18	1/4	2,167.08
1/2		1/2	5,087.53	1/2	4,722.13	1/2	4,356.04	1/2	3,989.94	1/2	3,623.85	1/2	3,257.75	1/2	2,891.65	1/2	2,525.56	1/2	2,159.46
3/4		3/4	5,080.25	3/4	4,714.51	3/4	4,348.41	3/4	3,982.31	3/4	3,616.22	3/4	3,250.12	3/4	2,884.03	3/4	2,517.93	3/4	2,151.83
5		5	5,072.97	5	4,706.88	5	4,340.78	5	3,974.68	5	3,608.59	5	3,242.49	5	2,876.40	5	2,510.30	5	2,144.20
1/4		1/4	5,065.35	1/4	4,699.25	1/4	4,333.15	1/4	3,967.06	1/4	3,600.96	1/4	3,234.86	1/4	2,868.77	1/4	2,502.67	1/4	2,136.58
1/2		1/2	5,057.72	1/2	4,691.63	1/2	4,325.53	1/2	3,959.43	1/2	3,593.34	1/2	3,227.24	1/2	2,861.15	1/2	2,495.05	1/2	2,128.95
3/4		3/4	5,050.10	3/4	4,684.00	3/4	4,317.90	3/4	3,951.81	3/4	3,585.71	3/4	3,219.61	3/4	2,853.52	3/4	2,487.42	3/4	2,121.33
6		6	5,042.47	6	4,676.37	6	4,310.27	6	3,944.18	6	3,578.08	6	3,211.98	6	2,845.89	6	2,479.79	6	2,113.70
1/4		1/4	5,034.84	1/4	4,668.74	1/4	4,302.64	1/4	3,936.55	1/4	3,570.45	1/4	3,204.36	1/4	2,838.26	1/4	2,472.16	1/4	2,106.07
1/2		1/2	5,027.22	1/2	4,661.12	1/2	4,295.02	1/2	3,928.93	1/2	3,562.83	1/2	3,196.73	1/2	2,830.64	1/2	2,464.54	1/2	2,098.45
3/4		3/4	5,019.59	3/4	4,653.49	3/4	4,287.39	3/4	3,921.30	3/4	3,555.20	3/4	3,189.11	3/4	2,823.01	3/4	2,456.91	3/4	2,090.82
7		7	5,011.96	7	4,645.86	7	4,279.76	7	3,913.67	7	3,547.57	7	3,181.48	7	2,815.38	7	2,449.28	7	2,083.19
1/4		1/4	5,004.33	1/4	4,638.23	1/4	4,272.14	1/4	3,906.04	1/4	3,539.94	1/4	3,173.85	1/4	2,807.75	1/4	2,441.66	1/4	2,075.56
1/2		1/2	4,996.71	1/2	4,630.61	1/2	4,264.51	1/2	3,898.42	1/2	3,532.32	1/2	3,166.23	1/2	2,800.13	1/2	2,434.03	1/2	2,067.94
3/4		3/4	4,989.08	3/4	4,622.98	3/4	4,256.89	3/4	3,890.79	3/4	3,524.69	3/4	3,158.60	3/4	2,792.50	3/4	2,426.41	3/4	2,060.31
8		8	4,981.45	8	4,615.35	8	4,249.26	8	3,883.16	8	3,517.06	8	3,150.97	8	2,784.87	8	2,418.78	8	2,052.68
1/4		1/4	4,973.82	1/4	4,607.72	1/4	4,241.63	1/4	3,875.53	1/4	3,509.44	1/4	3,143.34	1/4	2,777.24	1/4	2,411.15	1/4	2,045.05
1/2		1/2	4,966.20	1/2	4,600.10	1/2	4,234.01	1/2	3,867.91	1/2	3,501.81	1/2	3,135.72	1/2	2,769.62	1/2	2,403.53	1/2	2,037.43
3/4		3/4	4,958.57	3/4	4,592.47	3/4	4,226.38	3/4	3,860.28	3/4	3,494.19	3/4	3,128.09	3/4	2,761.99	3/4	2,395.90	3/4	2,029.80
9		9	4,950.94	9	4,584.84	9	4,218.75	9	3,852.65	9	3,486.56	9	3,120.46	9	2,754.36	9	2,388.27	9	2,022.17
1/4		1/4	4,943.31	1/4	4,577.22	1/4	4,211.12	1/4	3,845.02	1/4	3,478.93	1/4	3,112.83	1/4	2,746.74	1/4	2,380.64	1/4	2,014.54
1/2		1/2	4,935.69	1/2	4,569.59	1/2	4,203.50	1/2	3,837.40	1/2	3,471.31	1/2	3,105.21	1/2	2,739.11	1/2	2,373.02	1/2	2,006.92
3/4		3/4	4,928.06	3/4	4,561.97	3/4	4,195.87	3/4	3,829.77	3/4	3,463.68	3/4	3,097.58	3/4	2,731.49	3/4	2,365.39	3/4	1,999.29
10		10	4,920.43	10	4,554.34	10	4,188.24	10	3,822.14	10	3,456.05	10	3,089.95	10	2,723.86	10	2,357.76	10	1,991.66
1/4		1/4	4,912.80	1/4	4,546.71	1/4	4,180.61	1/4	3,814.52	1/4	3,448.42	1/4	3,082.32	1/4	2,716.23	1/4	2,350.13	1/4	1,984.04
1/2		1/2	4,905.18	1/2	4,539.09	1/2	4,172.99	1/2	3,806.89	1/2	3,440.80	1/2	3,074.70	1/2	2,708.61	1/2	2,342.51	1/2	1,976.41
3/4		3/4	4,897.55	3/4	4,531.46	3/4	4,165.36	3/4	3,799.27	3/4	3,433.17	3/4	3,067.07	3/4	2,700.98	3/4	2,334.88	3/4	1,968.79
11	5,172.06	11	4,889.92	11	4,523.83	11	4,157.73	11	3,791.64	11	3,425.54	11	3,059.44	11	2,693.35	11	2,327.25	11	1,961.16
1/4	5,171.20	1/4	4,882.30	1/4	4,516.20	1/4	4,150.10	1/4	3,784.01	1/4	3,417.91	1/4	3,051.82	1/4	2,685.72	1/4	2,319.62	1/4	1,953.53
1/2	5,170.34	1/2	4,874.67	1/2	4,508.58	1/2	4,142.48	1/2	3,776.39	1/2	3,410.29	1/2	3,044.19	1/2	2,678.10	1/2	2,312.00	1/2	1,945.91
3/4	5,169.47	3/4	4,867.05	3/4	4,500.95	3/4	4,134.85	3/4	3,768.76	3/4	3,402.66	3/4	3,036.57	3/4	2,670.47	3/4	2,304.37	3/4	1,938.28

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 3002"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05"

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	1,930.65	0	1,564.55	0	1,198.46	0	832.36	0	467.01	0	126.77	0		0		0		0	
1/4	1,923.02	1/4	1,556.92	1/4	1,190.83	1/4	824.73	1/4	459.51	1/4	120.10	1/4		1/4	1/4		1/4	1/4	
1/2	1,915.40	1/2	1,549.30	1/2	1,183.21	1/2	817.11	1/2	452.00	1/2	113.43	1/2		1/2	1/2		1/2	1/2	
3/4	1,907.77	3/4	1,541.67	3/4	1,175.58	3/4	809.48	3/4	444.50	3/4	106.76	3/4		3/4	3/4		3/4	3/4	
1	1,900.14	1	1,534.04	1	1,167.95	1	801.85	1	436.99	1	100.09	1		1		1		1	
1/4	1,892.51	1/4	1,526.42	1/4	1,160.32	1/4	794.22	1/4	429.59	1/4	93.52	1/4		1/4	1/4		1/4	1/4	
1/2	1,884.89	1/2	1,518.79	1/2	1,152.70	1/2	786.60	1/2	422.19	1/2	86.96	1/2		1/2	1/2		1/2	1/2	
3/4	1,877.26	3/4	1,511.17	3/4	1,145.07	3/4	778.97	3/4	414.78	3/4	80.39	3/4		3/4	3/4		3/4	3/4	
2	1,869.63	2	1,503.54	2	1,137.44	2	771.34	2	407.38	2	73.82	2		2		2		2	
1/4	1,862.00	1/4	1,495.91	1/4	1,129.81	1/4	763.72	1/4	400.09	1/4	68.04	1/4		1/4	1/4		1/4	1/4	
1/2	1,854.38	1/2	1,488.29	1/2	1,122.19	1/2	756.09	1/2	392.79	1/2	62.27	1/2		1/2	1/2		1/2	1/2	
3/4	1,846.75	3/4	1,480.66	3/4	1,114.56	3/4	748.47	3/4	385.50	3/4	56.49	3/4		3/4	3/4		3/4	3/4	
3	1,839.12	3	1,473.03	3	1,106.93	3	740.84	3	378.20	3	50.71	3		3		3		3	
1/4	1,831.50	1/4	1,465.40	1/4	1,099.30	1/4	733.21	1/4	370.91	1/4	45.89	1/4		1/4	1/4		1/4	1/4	
1/2	1,823.87	1/2	1,457.78	1/2	1,091.68	1/2	725.59	1/2	363.61	1/2	41.07	1/2		1/2	1/2		1/2	1/2	
3/4	1,816.25	3/4	1,450.15	3/4	1,084.05	3/4	717.96	3/4	356.32	3/4	36.25	3/4		3/4	3/4		3/4	3/4	
4	1,808.62	4	1,442.52	4	1,076.42	4	710.33	4	349.02	4	31.43	4		4		4		4	
1/4	1,800.99	1/4	1,434.89	1/4	1,068.80	1/4	702.70	1/4	341.83	1/4	27.81	1/4		1/4	1/4		1/4	1/4	
1/2	1,793.37	1/2	1,427.27	1/2	1,061.17	1/2	695.08	1/2	334.64	1/2	24.19	1/2		1/2	1/2		1/2	1/2	
3/4	1,785.74	3/4	1,419.64	3/4	1,053.55	3/4	687.45	3/4	327.44	3/4	20.57	3/4		3/4	3/4		3/4	3/4	
5	1,778.11	5	1,412.01	5	1,045.92	5	679.82	5	320.25	5	16.95	5		5		5		5	
1/4	1,770.48	1/4	1,404.38	1/4	1,038.29	1/4	672.19	1/4	313.16	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,762.86	1/2	1,396.76	1/2	1,030.67	1/2	664.57	1/2	306.07	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,755.23	3/4	1,389.13	3/4	1,023.04	3/4	656.94	3/4	298.98	3/4		3/4		3/4	3/4		3/4	3/4	
6	1,747.60	6	1,381.50	6	1,015.41	6	649.31	6	291.89	6		6		6		6		6	
1/4	1,739.97	1/4	1,373.88	1/4	1,007.78	1/4	641.68	1/4	284.80	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,732.35	1/2	1,366.25	1/2	1,000.16	1/2	634.06	1/2	277.71	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,724.72	3/4	1,358.63	3/4	992.53	3/4	626.43	3/4	270.62	3/4		3/4		3/4	3/4		3/4	3/4	
7	1,717.09	7	1,351.00	7	984.90	7	618.80	7	263.53	7		7		7		7		7	
1/4	1,709.46	1/4	1,343.37	1/4	977.27	1/4	611.18	1/4	256.55	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,701.84	1/2	1,335.75	1/2	969.65	1/2	603.55	1/2	249.57	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,694.21	3/4	1,328.12	3/4	962.02	3/4	595.93	3/4	242.58	3/4		3/4		3/4	3/4		3/4	3/4	
8	1,686.58	8	1,320.49	8	954.39	8	588.30	8	235.60	8		8		8		8		8	
1/4	1,678.96	1/4	1,312.86	1/4	946.76	1/4	580.67	1/4	228.72	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,671.33	1/2	1,305.24	1/2	939.14	1/2	573.05	1/2	221.84	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,663.71	3/4	1,297.61	3/4	931.51	3/4	565.42	3/4	214.96	3/4		3/4		3/4	3/4		3/4	3/4	
9	1,656.08	9	1,289.98	9	923.88	9	557.79	9	208.08	9		9		9		9		9	
1/4	1,648.45	1/4	1,282.35	1/4	916.26	1/4	550.16	1/4	201.20	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,640.83	1/2	1,274.73	1/2	908.63	1/2	542.54	1/2	194.32	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,633.20	3/4	1,267.10	3/4	901.01	3/4	534.91	3/4	187.44	3/4		3/4		3/4	3/4		3/4	3/4	
10	1,625.57	10	1,259.47	10	893.38	10	527.28	10	180.56	10		10		10		10		10	
1/4	1,617.94	1/4	1,251.84	1/4	885.75	1/4	519.72	1/4	173.78	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,610.32	1/2	1,244.22	1/2	878.13	1/2	512.16	1/2	167.01	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,602.69	3/4	1,236.59	3/4	870.50	3/4	504.59	3/4	160.23	3/4		3/4		3/4	3/4		3/4	3/4	
11	1,595.06	11	1,228.96	11	862.87	11	497.03	11	153.45	11		11		11		11		11	
1/4	1,587.43	1/4	1,221.34	1/4	855.24	1/4	489.53	1/4	146.78	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,579.81	1/2	1,213.71	1/2	847.62	1/2	482.02	1/2	140.11	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,572.18	3/4	1,206.09	3/4	839.99	3/4	474.52	3/4	133.44	3/4		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 3002"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04 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	4,901.78	0	4,600.32	0	4,255.72	0	3,911.13	0	3,566.54	0	3,221.95	0	2,877.36	0	2,532.77	0	2,188.17
1/4		1/4	4,899.82	1/4	4,593.14	1/4	4,248.55	1/4	3,903.95	1/4	3,559.36	1/4	3,214.77	1/4	2,870.18	1/4	2,525.59	1/4	2,180.99
1/2		1/2	4,897.87	1/2	4,585.96	1/2	4,241.37	1/2	3,896.77	1/2	3,552.18	1/2	3,207.59	1/2	2,863.00	1/2	2,518.41	1/2	2,173.81
3/4		3/4	4,894.61	3/4	4,578.78	3/4	4,234.19	3/4	3,889.59	3/4	3,545.00	3/4	3,200.41	3/4	2,855.82	3/4	2,511.23	3/4	2,166.63
1		1	4,891.36	1	4,571.60	1	4,227.01	1	3,882.42	1	3,537.83	1	3,193.23	1	2,848.64	1	2,504.05	1	2,159.46
1/4		1/4	4,888.10	1/4	4,564.42	1/4	4,219.83	1/4	3,875.24	1/4	3,530.65	1/4	3,186.05	1/4	2,841.46	1/4	2,496.87	1/4	2,152.28
1/2		1/2	4,884.84	1/2	4,557.24	1/2	4,212.65	1/2	3,868.06	1/2	3,523.47	1/2	3,178.87	1/2	2,834.28	1/2	2,489.69	1/2	2,145.10
3/4		3/4	4,880.03	3/4	4,550.06	3/4	4,205.47	3/4	3,860.88	3/4	3,516.29	3/4	3,171.69	3/4	2,827.10	3/4	2,482.51	3/4	2,137.92
2		2	4,875.21	2	4,542.89	2	4,198.29	2	3,853.70	2	3,509.11	2	3,164.52	2	2,819.93	2	2,475.33	2	2,130.74
1/4		1/4	4,870.40	1/4	4,535.71	1/4	4,191.11	1/4	3,846.52	1/4	3,501.93	1/4	3,157.34	1/4	2,812.75	1/4	2,468.15	1/4	2,123.56
1/2		1/2	4,865.58	1/2	4,528.53	1/2	4,183.93	1/2	3,839.34	1/2	3,494.75	1/2	3,150.16	1/2	2,805.57	1/2	2,460.97	1/2	2,116.38
3/4		3/4	4,859.96	3/4	4,521.35	3/4	4,176.75	3/4	3,832.16	3/4	3,487.57	3/4	3,142.98	3/4	2,798.39	3/4	2,453.79	3/4	2,109.20
3		3	4,854.34	3	4,514.17	3	4,169.57	3	3,824.99	3	3,480.39	3	3,135.80	3	2,791.21	3	2,446.62	3	2,102.03
1/4		1/4	4,848.72	1/4	4,506.99	1/4	4,162.40	1/4	3,817.81	1/4	3,473.21	1/4	3,128.62	1/4	2,784.03	1/4	2,439.44	1/4	2,094.85
1/2		1/2	4,843.10	1/2	4,499.81	1/2	4,155.22	1/2	3,810.63	1/2	3,466.03	1/2	3,121.44	1/2	2,776.85	1/2	2,432.26	1/2	2,087.67
3/4		3/4	4,836.25	3/4	4,492.63	3/4	4,148.04	3/4	3,803.45	3/4	3,458.85	3/4	3,114.26	3/4	2,769.67	3/4	2,425.08	3/4	2,080.49
4		4	4,829.40	4	4,485.45	4	4,140.86	4	3,796.27	4	3,451.68	4	3,107.09	4	2,762.49	4	2,417.90	4	2,073.31
1/4		1/4	4,822.54	1/4	4,478.27	1/4	4,133.68	1/4	3,789.09	1/4	3,444.50	1/4	3,099.91	1/4	2,755.31	1/4	2,410.72	1/4	2,066.13
1/2		1/2	4,815.69	1/2	4,471.09	1/2	4,126.50	1/2	3,781.91	1/2	3,437.32	1/2	3,092.73	1/2	2,748.13	1/2	2,403.54	1/2	2,058.95
3/4		3/4	4,808.26	3/4	4,463.91	3/4	4,119.32	3/4	3,774.73	3/4	3,430.14	3/4	3,085.55	3/4	2,740.95	3/4	2,396.36	3/4	2,051.77
5		5	4,800.83	5	4,456.74	5	4,112.14	5	3,767.55	5	3,422.96	5	3,078.37	5	2,733.78	5	2,389.19	5	2,044.59
1/4		1/4	4,793.40	1/4	4,449.56	1/4	4,104.97	1/4	3,760.37	1/4	3,415.78	1/4	3,071.19	1/4	2,726.60	1/4	2,382.01	1/4	2,037.41
1/2		1/2	4,785.97	1/2	4,442.38	1/2	4,097.79	1/2	3,753.19	1/2	3,408.60	1/2	3,064.01	1/2	2,719.42	1/2	2,374.83	1/2	2,030.23
3/4		3/4	4,779.04	3/4	4,435.20	3/4	4,090.61	3/4	3,746.01	3/4	3,401.42	3/4	3,056.83	3/4	2,712.24	3/4	2,367.65	3/4	2,023.05
6		6	4,772.11	6	4,428.02	6	4,083.43	6	3,738.84	6	3,394.25	6	3,049.65	6	2,705.06	6	2,360.47	6	2,015.88
1/4		1/4	4,765.18	1/4	4,420.84	1/4	4,076.25	1/4	3,731.66	1/4	3,387.07	1/4	3,042.47	1/4	2,697.88	1/4	2,353.29	1/4	2,008.70
1/2		1/2	4,758.25	1/2	4,413.66	1/2	4,069.07	1/2	3,724.48	1/2	3,379.89	1/2	3,035.29	1/2	2,690.70	1/2	2,346.11	1/2	2,001.52
3/4		3/4	4,751.07	3/4	4,406.48	3/4	4,061.89	3/4	3,717.30	3/4	3,372.71	3/4	3,028.11	3/4	2,683.52	3/4	2,338.93	3/4	1,994.34
7		7	4,743.90	7	4,399.31	7	4,054.71	7	3,710.12	7	3,365.53	7	3,020.94	7	2,676.35	7	2,331.75	7	1,987.16
1/4		1/4	4,736.72	1/4	4,392.13	1/4	4,047.53	1/4	3,702.94	1/4	3,358.35	1/4	3,013.76	1/4	2,669.17	1/4	2,324.57	1/4	1,979.98
1/2		1/2	4,729.54	1/2	4,384.95	1/2	4,040.35	1/2	3,695.76	1/2	3,351.17	1/2	3,006.58	1/2	2,661.99	1/2	2,317.39	1/2	1,972.80
3/4		3/4	4,722.36	3/4	4,377.77	3/4	4,033.17	3/4	3,688.58	3/4	3,343.99	3/4	2,999.40	3/4	2,654.81	3/4	2,310.21	3/4	1,965.62
8		8	4,715.18	8	4,370.59	8	4,026.00	8	3,681.41	8	3,336.81	8	2,992.22	8	2,647.63	8	2,303.04	8	1,958.45
1/4		1/4	4,708.00	1/4	4,363.41	1/4	4,018.82	1/4	3,674.23	1/4	3,329.63	1/4	2,985.04	1/4	2,640.45	1/4	2,295.86	1/4	1,951.27
1/2		1/2	4,700.82	1/2	4,356.23	1/2	4,011.64	1/2	3,667.05	1/2	3,322.45	1/2	2,977.86	1/2	2,633.27	1/2	2,288.68	1/2	1,944.09
3/4		3/4	4,693.64	3/4	4,349.05	3/4	4,004.46	3/4	3,659.87	3/4	3,315.27	3/4	2,970.68	3/4	2,626.09	3/4	2,281.50	3/4	1,936.91
9		9	4,686.47	9	4,341.87	9	3,997.28	9	3,652.69	9	3,308.10	9	2,963.51	9	2,618.91	9	2,274.32	9	1,929.73
1/4		1/4	4,679.29	1/4	4,334.69	1/4	3,990.10	1/4	3,645.51	1/4	3,300.92	1/4	2,956.33	1/4	2,611.73	1/4	2,267.14	1/4	1,922.55
1/2		1/2	4,672.11	1/2	4,327.51	1/2	3,982.92	1/2	3,638.33	1/2	3,293.74	1/2	2,949.15	1/2	2,604.55	1/2	2,259.96	1/2	1,915.37
3/4		3/4	4,664.93	3/4	4,320.33	3/4	3,975.74	3/4	3,631.15	3/4	3,286.56	3/4	2,941.97	3/4	2,597.37	3/4	2,252.78	3/4	1,908.24
10		10	4,657.75	10	4,313.16	10	3,968.57	10	3,623.97	10	3,279.38	10	2,934.79	10	2,590.20	10	2,245.61	10	1,901.10
1/4		1/4	4,650.57	1/4	4,305.98	1/4	3,961.39	1/4	3,616.79	1/4	3,272.20	1/4	2,927.61	1/4	2,583.02	1/4	2,238.43	1/4	1,893.97
1/2	4,908.91	1/2	4,643.39	1/2	4,298.80	1/2	3,954.21	1/2	3,609.61	1/2	3,265.02	1/2	2,920.43	1/2	2,575.84	1/2	2,231.25	1/2	1,886.83
3/4	4,908.10	3/4	4,636.21	3/4	4,291.62	3/4	3,947.03	3/4	3,602.43	3/4	3,257.84	3/4	2,913.25	3/4	2,568.66	3/4	2,224.07	3/4	1,879.61
11	4,907.30	11	4,629.03	11	4,284.44	11	3,939.85	11	3,595.26	11	3,250.67	11	2,906.07	11	2,561.48	11	2,216.89	11	1,872.39
1/4	4,906.49	1/4	4,621.85	1/4	4,277.26	1/4	3,932.67	1/4	3,588.08	1/4	3,243.49	1/4	2,898.89	1/4	2,554.30	1/4	2,209.71	1/4	1,865.16
1/2	4,905.68	1/2	4,614.67	1/2	4,270.08	1/2	3,925.49	1/2	3,580.90	1/2	3,236.31	1/2	2,891.71	1/2	2,547.12	1/2	2,202.53	1/2	1,857.94
3/4	4,903.73	3/4	4,607.49	3/4	4,262.90	3/4	3,918.31	3/4	3,573.72	3/4	3,229.13	3/4	2,884.53	3/4	2,539.94	3/4	2,195.35	3/4	1,850.76

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 3002"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04 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	1,843.58	0	1,498.99	0	1,154.43	0	811.30	0	466.95	0	122.36	0		0		0		0	
1/4	1,836.40	1/4	1,491.81	1/4	1,147.26	1/4	804.15	1/4	459.77	1/4	115.18	1/4		1/4		1/4		1/4	
1/2	1,829.22	1/2	1,484.63	1/2	1,140.10	1/2	797.00	1/2	452.59	1/2	108.00	1/2		1/2		1/2		1/2	
3/4	1,822.04	3/4	1,477.45	3/4	1,132.95	3/4	789.85	3/4	445.41	3/4	100.82	3/4		3/4		3/4		3/4	
1	1,814.87	1	1,470.27	1	1,125.81	1	782.70	1	438.23	1	93.64	1		1		1		1	
1/4	1,807.69	1/4	1,463.09	1/4	1,118.66	1/4	775.55	1/4	431.05	1/4	86.46	1/4		1/4		1/4		1/4	
1/2	1,800.51	1/2	1,455.91	1/2	1,111.51	1/2	768.40	1/2	423.87	1/2	79.28	1/2		1/2		1/2		1/2	
3/4	1,793.33	3/4	1,448.73	3/4	1,104.36	3/4	761.24	3/4	416.69	3/4	72.92	3/4		3/4		3/4		3/4	
2	1,786.15	2	1,441.56	2	1,097.22	2	754.08	2	409.52	2	66.56	2		2		2		2	
1/4	1,778.97	1/4	1,434.38	1/4	1,090.07	1/4	746.91	1/4	402.34	1/4	60.19	1/4		1/4		1/4		1/4	
1/2	1,771.79	1/2	1,427.20	1/2	1,082.92	1/2	739.75	1/2	395.16	1/2	53.83	1/2		1/2		1/2		1/2	
3/4	1,764.61	3/4	1,420.02	3/4	1,075.77	3/4	732.57	3/4	387.98	3/4	48.61	3/4		3/4		3/4		3/4	
3	1,757.43	3	1,412.84	3	1,068.62	3	725.39	3	380.80	3	43.40	3		3		3		3	
1/4	1,750.25	1/4	1,405.66	1/4	1,061.47	1/4	718.21	1/4	373.62	1/4	38.18	1/4		1/4		1/4		1/4	
1/2	1,743.07	1/2	1,398.48	1/2	1,054.32	1/2	711.03	1/2	366.44	1/2	32.96	1/2		1/2		1/2		1/2	
3/4	1,735.89	3/4	1,391.30	3/4	1,047.17	3/4	703.85	3/4	359.26	3/4	29.05	3/4		3/4		3/4		3/4	
4	1,728.72	4	1,384.13	4	1,040.03	4	696.68	4	352.09	4	25.14	4		4		4		4	
1/4	1,721.54	1/4	1,376.95	1/4	1,032.88	1/4	689.50	1/4	344.91	1/4	21.22	1/4		1/4		1/4		1/4	
1/2	1,714.36	1/2	1,369.77	1/2	1,025.73	1/2	682.32	1/2	337.73	1/2	17.31	1/2		1/2		1/2		1/2	
3/4	1,707.18	3/4	1,362.59	3/4	1,018.58	3/4	675.14	3/4	330.55	3/4		3/4		3/4		3/4		3/4	
5	1,700.00	5	1,355.41	5	1,011.44	5	667.96	5	323.37	5		5		5		5		5	
1/4	1,692.82	1/4	1,348.23	1/4	1,004.29	1/4	660.78	1/4	316.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,685.64	1/2	1,341.05	1/2	997.14	1/2	653.60	1/2	309.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,678.46	3/4	1,333.87	3/4	989.99	3/4	646.42	3/4	301.83	3/4		3/4		3/4		3/4		3/4	
6	1,671.29	6	1,326.69	6	982.85	6	639.25	6	294.65	6		6		6		6		6	
1/4	1,664.11	1/4	1,319.51	1/4	975.70	1/4	632.07	1/4	287.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,656.93	1/2	1,312.33	1/2	968.55	1/2	624.89	1/2	280.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.75	3/4	1,305.15	3/4	961.40	3/4	617.71	3/4	273.11	3/4		3/4		3/4		3/4		3/4	
7	1,642.57	7	1,297.98	7	954.26	7	610.53	7	265.94	7		7		7		7		7	
1/4	1,635.39	1/4	1,290.80	1/4	947.11	1/4	603.35	1/4	258.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,628.21	1/2	1,283.62	1/2	939.96	1/2	596.17	1/2	251.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,621.03	3/4	1,276.44	3/4	932.81	3/4	588.99	3/4	244.40	3/4		3/4		3/4		3/4		3/4	
8	1,613.85	8	1,269.26	8	925.66	8	581.81	8	237.22	8		8		8		8		8	
1/4	1,606.67	1/4	1,262.08	1/4	918.51	1/4	574.63	1/4	230.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,599.49	1/2	1,254.90	1/2	911.36	1/2	567.45	1/2	222.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,592.31	3/4	1,247.72	3/4	904.21	3/4	560.27	3/4	215.68	3/4		3/4		3/4		3/4		3/4	
9	1,585.14	9	1,240.55	9	897.07	9	553.10	9	208.51	9		9		9		9		9	
1/4	1,577.96	1/4	1,233.37	1/4	889.92	1/4	545.92	1/4	201.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,570.78	1/2	1,226.19	1/2	882.77	1/2	538.74	1/2	194.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,563.60	3/4	1,219.01	3/4	875.62	3/4	531.56	3/4	186.97	3/4		3/4		3/4		3/4		3/4	
10	1,556.42	10	1,211.83	10	868.48	10	524.38	10	179.79	10		10		10		10		10	
1/4	1,549.24	1/4	1,204.65	1/4	861.33	1/4	517.20	1/4	172.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,542.06	1/2	1,197.47	1/2	854.18	1/2	510.02	1/2	165.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,534.88	3/4	1,190.29	3/4	847.03	3/4	502.84	3/4	158.25	3/4		3/4		3/4		3/4		3/4	
11	1,527.71	11	1,183.11	11	839.89	11	495.67	11	151.07	11		11		11		11		11	
1/4	1,520.53	1/4	1,175.93	1/4	832.74	1/4	488.49	1/4	143.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,513.35	1/2	1,168.75	1/2	825.59	1/2	481.31	1/2	136.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,506.17	3/4	1,161.59	3/4	818.44	3/4	474.13	3/4	129.53	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 3002"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04 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	4,897.55	0	4,585.96	0	4,241.37	0	3,896.77	0	3,552.18	0	3,207.59	0	2,863.00	0	2,518.41	0	2,173.81
1/4		1/4	4,895.27	1/4	4,578.78	1/4	4,234.19	1/4	3,889.59	1/4	3,545.00	1/4	3,200.41	1/4	2,855.82	1/4	2,511.23	1/4	2,166.63
1/2		1/2	4,891.69	1/2	4,571.60	1/2	4,227.01	1/2	3,882.41	1/2	3,537.82	1/2	3,193.23	1/2	2,848.64	1/2	2,504.05	1/2	2,159.45
3/4		3/4	4,888.10	3/4	4,564.42	3/4	4,219.83	3/4	3,875.24	3/4	3,530.65	3/4	3,186.05	3/4	2,841.46	3/4	2,496.87	3/4	2,152.28
1		1	4,884.52	1	4,557.24	1	4,212.65	1	3,868.06	1	3,523.47	1	3,178.87	1	2,834.28	1	2,489.69	1	2,145.10
1/4		1/4	4,880.93	1/4	4,550.06	1/4	4,205.47	1/4	3,860.88	1/4	3,516.29	1/4	3,171.69	1/4	2,827.10	1/4	2,482.51	1/4	2,137.92
1/2		1/2	4,876.04	1/2	4,542.88	1/2	4,198.29	1/2	3,853.70	1/2	3,509.11	1/2	3,164.51	1/2	2,819.92	1/2	2,475.33	1/2	2,130.74
3/4		3/4	4,871.15	3/4	4,535.70	3/4	4,191.11	3/4	3,846.52	3/4	3,501.93	3/4	3,157.34	3/4	2,812.75	3/4	2,468.15	3/4	2,123.56
2		2	4,866.26	2	4,528.53	2	4,183.94	2	3,839.34	2	3,494.75	2	3,150.16	2	2,805.57	2	2,460.97	2	2,116.38
1/4		1/4	4,861.37	1/4	4,521.35	1/4	4,176.76	1/4	3,832.16	1/4	3,487.57	1/4	3,142.98	1/4	2,798.39	1/4	2,453.79	1/4	2,109.20
1/2		1/2	4,855.17	1/2	4,514.17	1/2	4,169.58	1/2	3,824.98	1/2	3,480.39	1/2	3,135.80	1/2	2,791.21	1/2	2,446.61	1/2	2,102.02
3/4		3/4	4,848.97	3/4	4,506.99	3/4	4,162.40	3/4	3,817.81	3/4	3,473.21	3/4	3,128.62	3/4	2,784.03	3/4	2,439.44	3/4	2,094.85
3		3	4,842.77	3	4,499.81	3	4,155.22	3	3,810.63	3	3,466.03	3	3,121.44	3	2,776.85	3	2,432.26	3	2,087.67
1/4		1/4	4,836.57	1/4	4,492.63	1/4	4,148.04	1/4	3,803.45	1/4	3,458.85	1/4	3,114.26	1/4	2,769.67	1/4	2,425.08	1/4	2,080.49
1/2		1/2	4,829.56	1/2	4,485.45	1/2	4,140.86	1/2	3,796.27	1/2	3,451.67	1/2	3,107.08	1/2	2,762.49	1/2	2,417.90	1/2	2,073.31
3/4		3/4	4,822.54	3/4	4,478.27	3/4	4,133.68	3/4	3,789.09	3/4	3,444.50	3/4	3,099.91	3/4	2,755.31	3/4	2,410.72	3/4	2,066.13
4		4	4,815.53	4	4,471.10	4	4,126.50	4	3,781.91	4	3,437.32	4	3,092.73	4	2,748.13	4	2,403.54	4	2,058.95
1/4		1/4	4,808.51	1/4	4,463.92	1/4	4,119.32	1/4	3,774.73	1/4	3,430.14	1/4	3,085.55	1/4	2,740.95	1/4	2,396.36	1/4	2,051.77
1/2		1/2	4,801.33	1/2	4,456.74	1/2	4,112.14	1/2	3,767.55	1/2	3,422.96	1/2	3,078.37	1/2	2,733.77	1/2	2,389.18	1/2	2,044.59
3/4		3/4	4,794.15	3/4	4,449.56	3/4	4,104.96	3/4	3,760.37	3/4	3,415.78	3/4	3,071.19	3/4	2,726.60	3/4	2,382.01	3/4	2,037.41
5		5	4,786.97	5	4,442.38	5	4,097.79	5	3,753.19	5	3,408.60	5	3,064.01	5	2,719.42	5	2,374.83	5	2,030.23
1/4		1/4	4,779.79	1/4	4,435.20	1/4	4,090.61	1/4	3,746.01	1/4	3,401.42	1/4	3,056.83	1/4	2,712.24	1/4	2,367.65	1/4	2,023.05
1/2		1/2	4,772.61	1/2	4,428.02	1/2	4,083.43	1/2	3,738.83	1/2	3,394.24	1/2	3,049.65	1/2	2,705.06	1/2	2,360.47	1/2	2,015.87
3/4		3/4	4,765.44	3/4	4,420.84	3/4	4,076.25	3/4	3,731.66	3/4	3,387.07	3/4	3,042.47	3/4	2,697.88	3/4	2,353.29	3/4	2,008.70
6		6	4,758.26	6	4,413.66	6	4,069.07	6	3,724.48	6	3,379.89	6	3,035.29	6	2,690.70	6	2,346.11	6	2,001.52
1/4		1/4	4,751.08	1/4	4,406.48	1/4	4,061.89	1/4	3,717.30	1/4	3,372.71	1/4	3,028.11	1/4	2,683.52	1/4	2,338.93	1/4	1,994.34
1/2		1/2	4,743.90	1/2	4,399.30	1/2	4,054.71	1/2	3,710.12	1/2	3,365.53	1/2	3,020.93	1/2	2,676.34	1/2	2,331.75	1/2	1,987.16
3/4		3/4	4,736.72	3/4	4,392.12	3/4	4,047.53	3/4	3,702.94	3/4	3,358.35	3/4	3,013.76	3/4	2,669.17	3/4	2,324.57	3/4	1,979.98
7		7	4,729.54	7	4,384.95	7	4,040.35	7	3,695.76	7	3,351.17	7	3,006.58	7	2,661.99	7	2,317.39	7	1,972.80
1/4		1/4	4,722.36	1/4	4,377.77	1/4	4,033.17	1/4	3,688.58	1/4	3,343.99	1/4	2,999.40	1/4	2,654.81	1/4	2,310.21	1/4	1,965.62
1/2		1/2	4,715.18	1/2	4,370.59	1/2	4,025.99	1/2	3,681.40	1/2	3,336.81	1/2	2,992.22	1/2	2,647.63	1/2	2,303.03	1/2	1,958.44
3/4		3/4	4,708.00	3/4	4,363.41	3/4	4,018.81	3/4	3,674.23	3/4	3,329.63	3/4	2,985.04	3/4	2,640.45	3/4	2,295.86	3/4	1,951.27
8		8	4,700.82	8	4,356.23	8	4,011.64	8	3,667.05	8	3,322.45	8	2,977.86	8	2,633.27	8	2,288.68	8	1,944.09
1/4		1/4	4,693.64	1/4	4,349.05	1/4	4,004.46	1/4	3,659.87	1/4	3,315.27	1/4	2,970.68	1/4	2,626.09	1/4	2,281.50	1/4	1,936.91
1/2		1/2	4,686.46	1/2	4,341.87	1/2	3,997.28	1/2	3,652.69	1/2	3,308.09	1/2	2,963.50	1/2	2,618.91	1/2	2,274.32	1/2	1,929.73
3/4		3/4	4,679.29	3/4	4,334.69	3/4	3,990.10	3/4	3,645.51	3/4	3,300.92	3/4	2,956.33	3/4	2,611.73	3/4	2,267.14	3/4	1,922.55
9		9	4,672.11	9	4,327.52	9	3,982.92	9	3,638.33	9	3,293.74	9	2,949.15	9	2,604.55	9	2,259.96	9	1,915.37
1/4		1/4	4,664.93	1/4	4,320.34	1/4	3,975.74	1/4	3,631.15	1/4	3,286.56	1/4	2,941.97	1/4	2,597.37	1/4	2,252.78	1/4	1,908.19
1/2		1/2	4,657.75	1/2	4,313.16	1/2	3,968.56	1/2	3,623.97	1/2	3,279.38	1/2	2,934.79	1/2	2,590.19	1/2	2,245.60	1/2	1,901.01
3/4		3/4	4,650.57	3/4	4,305.98	3/4	3,961.38	3/4	3,616.79	3/4	3,272.20	3/4	2,927.61	3/4	2,583.02	3/4	2,238.43	3/4	1,893.83
10		10	4,643.39	10	4,298.80	10	3,954.21	10	3,609.61	10	3,265.02	10	2,920.43	10	2,575.84	10	2,231.25	10	1,886.65
1/4	4,908.59	1/4	4,636.21	1/4	4,291.62	1/4	3,947.03	1/4	3,602.43	1/4	3,257.84	1/4	2,913.25	1/4	2,568.66	1/4	2,224.07	1/4	1,879.47
1/2	4,907.54	1/2	4,629.03	1/2	4,284.44	1/2	3,939.85	1/2	3,595.25	1/2	3,250.66	1/2	2,906.07	1/2	2,561.48	1/2	2,216.89	1/2	1,872.29
3/4	4,906.49	3/4	4,621.86	3/4	4,277.26	3/4	3,932.67	3/4	3,588.08	3/4	3,243.49	3/4	2,898.89	3/4	2,554.30	3/4	2,209.71	3/4	1,865.12
11	4,905.43	11	4,614.68	11	4,270.08	11	3,925.49	11	3,580.90	11	3,236.31	11	2,891.71	11	2,547.12	11	2,202.53	11	1,857.94
1/4	4,904.38	1/4	4,607.50	1/4	4,262.90	1/4	3,918.31	1/4	3,573.72	1/4	3,229.13	1/4	2,884.53	1/4	2,539.94	1/4	2,195.35	1/4	1,850.76
1/2	4,902.10	1/2	4,600.32	1/2	4,255.72	1/2	3,911.13	1/2	3,566.54	1/2	3,221.95	1/2	2,877.35	1/2	2,532.76	1/2	2,188.17	1/2	1,843.58
3/4	4,899.83	3/4	4,593.14	3/4	4,248.54	3/4	3,903.95	3/4	3,559.36	3/4	3,214.77	3/4	2,870.18	3/4	2,525.59	3/4	2,180.99	3/4	1,836.40

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 3002"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04 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	1,829.22	0	1,484.63	0	1,140.11	0	797.00	0	452.59	0	108.00	0		0		0		0	
1/4	1,822.04	1/4	1,477.45	1/4	1,132.95	1/4	789.85	1/4	445.41	1/4	100.82	1/4		1/4		1/4		1/4	
1/2	1,814.86	1/2	1,470.27	1/2	1,125.80	1/2	782.70	1/2	438.23	1/2	93.72	1/2		1/2		1/2		1/2	
3/4	1,807.69	3/4	1,463.09	3/4	1,118.66	3/4	775.56	3/4	431.05	3/4	86.63	3/4		3/4		3/4		3/4	
1	1,800.51	1	1,455.91	1	1,111.51	1	768.41	1	423.87	1	79.53	1		1		1		1	
1/4	1,793.33	1/4	1,448.73	1/4	1,104.36	1/4	761.26	1/4	416.69	1/4	72.43	1/4		1/4		1/4		1/4	
1/2	1,786.15	1/2	1,441.55	1/2	1,097.21	1/2	754.09	1/2	409.51	1/2	66.31	1/2		1/2		1/2		1/2	
3/4	1,778.97	3/4	1,434.38	3/4	1,090.07	3/4	746.92	3/4	402.34	3/4	60.20	3/4		3/4		3/4		3/4	
2	1,771.79	2	1,427.20	2	1,082.92	2	739.74	2	395.16	2	54.08	2		2		2		2	
1/4	1,764.61	1/4	1,420.02	1/4	1,075.77	1/4	732.57	1/4	387.98	1/4	47.96	1/4		1/4		1/4		1/4	
1/2	1,757.43	1/2	1,412.84	1/2	1,068.62	1/2	725.39	1/2	380.80	1/2	43.07	1/2		1/2		1/2		1/2	
3/4	1,750.25	3/4	1,405.66	3/4	1,061.48	3/4	718.21	3/4	373.62	3/4	38.18	3/4		3/4		3/4		3/4	
3	1,743.07	3	1,398.48	3	1,054.33	3	711.03	3	366.44	3	33.28	3		3		3		3	
1/4	1,735.89	1/4	1,391.30	1/4	1,047.18	1/4	703.85	1/4	359.26	1/4	28.39	1/4		1/4		1/4		1/4	
1/2	1,728.71	1/2	1,384.12	1/2	1,040.03	1/2	696.67	1/2	352.08	1/2	24.81	1/2		1/2		1/2		1/2	
3/4	1,721.54	3/4	1,376.95	3/4	1,032.88	3/4	689.50	3/4	344.91	3/4	21.23	3/4		3/4		3/4		3/4	
4	1,714.36	4	1,369.77	4	1,025.73	4	682.32	4	337.73	4	17.64	4		4		4		4	
1/4	1,707.18	1/4	1,362.59	1/4	1,018.58	1/4	675.14	1/4	330.55	1/4	14.06	1/4		1/4		1/4		1/4	
1/2	1,700.00	1/2	1,355.41	1/2	1,011.43	1/2	667.96	1/2	323.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,692.82	3/4	1,348.23	3/4	1,004.29	3/4	660.78	3/4	316.19	3/4		3/4		3/4		3/4		3/4	
5	1,685.64	5	1,341.05	5	997.14	5	653.60	5	309.01	5		5		5		5		5	
1/4	1,678.46	1/4	1,333.87	1/4	989.99	1/4	646.42	1/4	301.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,671.28	1/2	1,326.69	1/2	982.84	1/2	639.24	1/2	294.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,664.11	3/4	1,319.51	3/4	975.70	3/4	632.07	3/4	287.47	3/4		3/4		3/4		3/4		3/4	
6	1,656.93	6	1,312.33	6	968.55	6	624.89	6	280.29	6		6		6		6		6	
1/4	1,649.75	1/4	1,305.15	1/4	961.40	1/4	617.71	1/4	273.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,642.57	1/2	1,297.97	1/2	954.25	1/2	610.53	1/2	265.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,635.39	3/4	1,290.80	3/4	947.11	3/4	603.35	3/4	258.76	3/4		3/4		3/4		3/4		3/4	
7	1,628.21	7	1,283.62	7	939.96	7	596.17	7	251.58	7		7		7		7		7	
1/4	1,621.03	1/4	1,276.44	1/4	932.81	1/4	588.99	1/4	244.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,613.85	1/2	1,269.26	1/2	925.66	1/2	581.81	1/2	237.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,606.67	3/4	1,262.08	3/4	918.52	3/4	574.63	3/4	230.04	3/4		3/4		3/4		3/4		3/4	
8	1,599.49	8	1,254.90	8	911.37	8	567.45	8	222.86	8		8		8		8		8	
1/4	1,592.31	1/4	1,247.72	1/4	904.22	1/4	560.27	1/4	215.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,585.13	1/2	1,240.54	1/2	897.07	1/2	553.09	1/2	208.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,577.96	3/4	1,233.37	3/4	889.92	3/4	545.92	3/4	201.33	3/4		3/4		3/4		3/4		3/4	
9	1,570.78	9	1,226.19	9	882.77	9	538.74	9	194.15	9		9		9		9		9	
1/4	1,563.60	1/4	1,219.01	1/4	875.62	1/4	531.56	1/4	186.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,556.42	1/2	1,211.83	1/2	868.47	1/2	524.38	1/2	179.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,549.24	3/4	1,204.65	3/4	861.33	3/4	517.20	3/4	172.61	3/4		3/4		3/4		3/4		3/4	
10	1,542.06	10	1,197.47	10	854.18	10	510.02	10	165.43	10		10		10		10		10	
1/4	1,534.88	1/4	1,190.29	1/4	847.03	1/4	502.84	1/4	158.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,527.70	1/2	1,183.11	1/2	839.88	1/2	495.66	1/2	151.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,520.53	3/4	1,175.93	3/4	832.74	3/4	488.49	3/4	143.89	3/4		3/4		3/4		3/4		3/4	
11	1,513.35	11	1,168.75	11	825.59	11	481.31	11	136.71	11		11		11		11		11	
1/4	1,506.17	1/4	1,161.57	1/4	818.44	1/4	474.13	1/4	129.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,498.99	1/2	1,154.42	1/2	811.29	1/2	466.95	1/2	122.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,491.81	3/4	1,147.26	3/4	804.15	3/4	459.77	3/4	115.18	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 3002"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05"

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	4,616.56	0	4,410.29	0	4,170.86	0	3,931.44	0	3,692.02	0	3,416.24	0	3,051.87	0	2,687.50	0	2,323.14
1/4		1/4	4,614.98	1/4	4,405.30	1/4	4,165.87	1/4	3,926.45	1/4	3,687.03	1/4	3,408.65	1/4	3,044.28	1/4	2,679.91	1/4	2,315.55
1/2		1/2	4,613.40	1/2	4,400.32	1/2	4,160.88	1/2	3,921.46	1/2	3,682.04	1/2	3,401.05	1/2	3,036.69	1/2	2,672.32	1/2	2,307.95
3/4		3/4	4,611.82	3/4	4,395.33	3/4	4,155.90	3/4	3,916.48	3/4	3,677.05	3/4	3,393.46	3/4	3,029.10	3/4	2,664.73	3/4	2,300.36
1		1	4,610.24	1	4,390.34	1	4,150.91	1	3,911.49	1	3,672.06	1	3,385.87	1	3,021.51	1	2,657.14	1	2,292.77
1/4		1/4	4,607.75	1/4	4,385.35	1/4	4,145.92	1/4	3,906.50	1/4	3,667.07	1/4	3,378.28	1/4	3,013.92	1/4	2,649.55	1/4	2,285.18
1/2		1/2	4,605.26	1/2	4,380.36	1/2	4,140.93	1/2	3,901.51	1/2	3,662.08	1/2	3,370.69	1/2	3,006.32	1/2	2,641.96	1/2	2,277.59
3/4		3/4	4,602.77	3/4	4,375.37	3/4	4,135.95	3/4	3,896.53	3/4	3,657.10	3/4	3,363.10	3/4	2,998.73	3/4	2,634.37	3/4	2,270.00
2		2	4,600.28	2	4,370.38	2	4,130.96	2	3,891.54	2	3,652.11	2	3,355.51	2	2,991.14	2	2,626.78	2	2,262.41
1/4		1/4	4,596.88	1/4	4,365.39	1/4	4,125.97	1/4	3,886.55	1/4	3,647.12	1/4	3,347.92	1/4	2,983.55	1/4	2,619.19	1/4	2,254.82
1/2		1/2	4,593.48	1/2	4,360.41	1/2	4,120.98	1/2	3,881.56	1/2	3,642.13	1/2	3,340.33	1/2	2,975.96	1/2	2,611.59	1/2	2,247.22
3/4		3/4	4,590.08	3/4	4,355.42	3/4	4,116.00	3/4	3,876.57	3/4	3,637.15	3/4	3,332.74	3/4	2,968.37	3/4	2,604.00	3/4	2,239.63
3		3	4,586.68	3	4,350.43	3	4,111.01	3	3,871.58	3	3,632.16	3	3,325.15	3	2,960.78	3	2,596.41	3	2,232.04
1/4		1/4	4,582.37	1/4	4,345.44	1/4	4,106.02	1/4	3,866.59	1/4	3,627.17	1/4	3,317.56	1/4	2,953.19	1/4	2,588.82	1/4	2,224.45
1/2		1/2	4,578.07	1/2	4,340.46	1/2	4,101.03	1/2	3,861.60	1/2	3,622.18	1/2	3,309.96	1/2	2,945.60	1/2	2,581.23	1/2	2,216.86
3/4		3/4	4,573.76	3/4	4,335.47	3/4	4,096.05	3/4	3,856.62	3/4	3,617.20	3/4	3,302.37	3/4	2,938.01	3/4	2,573.64	3/4	2,209.27
4		4	4,569.45	4	4,330.48	4	4,091.06	4	3,851.63	4	3,612.21	4	3,294.78	4	2,930.42	4	2,566.05	4	2,201.68
1/4		1/4	4,564.58	1/4	4,325.49	1/4	4,086.07	1/4	3,846.64	1/4	3,607.22	1/4	3,287.19	1/4	2,922.83	1/4	2,558.46	1/4	2,194.09
1/2		1/2	4,559.70	1/2	4,320.51	1/2	4,081.08	1/2	3,841.65	1/2	3,602.23	1/2	3,279.60	1/2	2,915.23	1/2	2,550.86	1/2	2,186.50
3/4		3/4	4,554.83	3/4	4,315.52	3/4	4,076.09	3/4	3,836.67	3/4	3,597.25	3/4	3,272.01	3/4	2,907.64	3/4	2,543.27	3/4	2,178.91
5		5	4,549.95	5	4,310.53	5	4,071.10	5	3,831.68	5	3,592.26	5	3,264.42	5	2,900.05	5	2,535.68	5	2,171.32
1/4		1/4	4,544.96	1/4	4,305.54	1/4	4,066.11	1/4	3,826.69	1/4	3,587.24	1/4	3,256.83	1/4	2,892.46	1/4	2,528.09	1/4	2,163.73
1/2		1/2	4,539.98	1/2	4,300.56	1/2	4,061.12	1/2	3,821.70	1/2	3,582.22	1/2	3,249.24	1/2	2,884.87	1/2	2,520.50	1/2	2,156.13
3/4		3/4	4,534.99	3/4	4,295.57	3/4	4,056.14	3/4	3,816.72	3/4	3,577.21	3/4	3,241.65	3/4	2,877.28	3/4	2,512.91	3/4	2,148.54
6		6	4,530.00	6	4,290.58	6	4,051.15	6	3,811.73	6	3,572.19	6	3,234.06	6	2,869.69	6	2,505.32	6	2,140.95
1/4		1/4	4,525.01	1/4	4,285.59	1/4	4,046.16	1/4	3,806.74	1/4	3,566.82	1/4	3,226.47	1/4	2,862.10	1/4	2,497.73	1/4	2,133.36
1/2		1/2	4,520.03	1/2	4,280.60	1/2	4,041.17	1/2	3,801.75	1/2	3,561.46	1/2	3,218.87	1/2	2,854.50	1/2	2,490.14	1/2	2,125.77
3/4		3/4	4,515.04	3/4	4,275.61	3/4	4,036.19	3/4	3,796.77	3/4	3,556.09	3/4	3,211.28	3/4	2,846.91	3/4	2,482.55	3/4	2,118.18
7		7	4,510.05	7	4,270.62	7	4,031.20	7	3,791.78	7	3,550.73	7	3,203.69	7	2,839.32	7	2,474.96	7	2,110.59
1/4		1/4	4,505.06	1/4	4,265.63	1/4	4,026.21	1/4	3,786.79	1/4	3,544.92	1/4	3,196.10	1/4	2,831.73	1/4	2,467.37	1/4	2,103.00
1/2		1/2	4,500.08	1/2	4,260.65	1/2	4,021.22	1/2	3,781.80	1/2	3,539.11	1/2	3,188.51	1/2	2,824.14	1/2	2,459.77	1/2	2,095.40
3/4		3/4	4,495.09	3/4	4,255.66	3/4	4,016.24	3/4	3,776.81	3/4	3,533.30	3/4	3,180.92	3/4	2,816.55	3/4	2,452.18	3/4	2,087.81
8		8	4,490.10	8	4,250.67	8	4,011.25	8	3,771.82	8	3,527.49	8	3,173.33	8	2,808.96	8	2,444.59	8	2,080.22
1/4		1/4	4,485.11	1/4	4,245.68	1/4	4,006.26	1/4	3,766.83	1/4	3,521.20	1/4	3,165.74	1/4	2,801.37	1/4	2,437.00	1/4	2,072.63
1/2		1/2	4,480.12	1/2	4,240.70	1/2	4,001.27	1/2	3,761.84	1/2	3,514.92	1/2	3,158.14	1/2	2,793.78	1/2	2,429.41	1/2	2,065.04
3/4		3/4	4,475.13	3/4	4,235.71	3/4	3,996.29	3/4	3,756.86	3/4	3,508.63	3/4	3,150.55	3/4	2,786.19	3/4	2,421.82	3/4	2,057.45
9		9	4,470.14	9	4,230.72	9	3,991.30	9	3,751.87	9	3,502.35	9	3,142.96	9	2,778.60	9	2,414.23	9	2,049.86
1/4		1/4	4,465.15	1/4	4,225.73	1/4	3,986.31	1/4	3,746.88	1/4	3,495.59	1/4	3,135.37	1/4	2,771.01	1/4	2,406.64	1/4	2,042.27
1/2		1/2	4,460.17	1/2	4,220.75	1/2	3,981.32	1/2	3,741.89	1/2	3,488.83	1/2	3,127.78	1/2	2,763.41	1/2	2,399.04	1/2	2,034.68
3/4		3/4	4,455.18	3/4	4,215.76	3/4	3,976.33	3/4	3,736.91	3/4	3,482.07	3/4	3,120.19	3/4	2,755.82	3/4	2,391.45	3/4	2,027.09
10		10	4,450.19	10	4,210.77	10	3,971.34	10	3,731.92	10	3,475.31	10	3,112.60	10	2,748.23	10	2,383.86	10	2,019.50
1/4		1/4	4,445.20	1/4	4,205.78	1/4	3,966.35	1/4	3,726.93	1/4	3,468.07	1/4	3,105.01	1/4	2,740.64	1/4	2,376.27	1/4	2,011.91
1/2		1/2	4,440.22	1/2	4,200.79	1/2	3,961.36	1/2	3,721.94	1/2	3,460.84	1/2	3,097.42	1/2	2,733.05	1/2	2,368.68	1/2	2,004.31
3/4	4,619.69	3/4	4,435.23	3/4	4,195.81	3/4	3,956.38	3/4	3,716.96	3/4	3,453.60	3/4	3,089.83	3/4	2,725.46	3/4	2,361.09	3/4	1,996.72
11	4,619.47	11	4,430.24	11	4,190.82	11	3,951.39	11	3,711.97	11	3,446.37	11	3,082.24	11	2,717.87	11	2,353.50	11	1,989.13
1/4	4,618.74	1/4	4,425.25	1/4	4,185.83	1/4	3,946.40	1/4	3,706.98	1/4	3,438.84	1/4	3,074.65	1/4	2,710.28	1/4	2,345.91	1/4	1,981.54
1/2	4,618.02	1/2	4,420.27	1/2	4,180.84	1/2	3,941.41	1/2	3,701.99	1/2	3,431.30	1/2	3,067.05	1/2	2,702.68	1/2	2,338.32	1/2	1,973.95
3/4	4,617.29	3/4	4,415.28	3/4	4,175.85	3/4	3,936.43	3/4	3,697.01	3/4	3,423.77	3/4	3,059.46	3/4	2,695.09	3/4	2,330.73	3/4	1,966.36

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 3002"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05"

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	1,958.77	0	1,594.40	0	1,230.03	0	865.66	0	501.30	0	136.53	0		0		0		0	
1/4	1,951.18	1/4	1,586.81	1/4	1,222.44	1/4	858.07	1/4	493.71	1/4	129.04	1/4		1/4	1/4		1/4	1/4	
1/2	1,943.58	1/2	1,579.22	1/2	1,214.85	1/2	850.48	1/2	486.11	1/2	121.54	1/2		1/2	1/2		1/2	1/2	
3/4	1,935.99	3/4	1,571.63	3/4	1,207.26	3/4	842.89	3/4	478.52	3/4	114.05	3/4		3/4	3/4		3/4	3/4	
1	1,928.40	1	1,564.04	1	1,199.67	1	835.30	1	470.93	1	106.56	1		1	1		1	1	
1/4	1,920.81	1/4	1,556.45	1/4	1,192.08	1/4	827.71	1/4	463.34	1/4	98.80	1/4		1/4	1/4		1/4	1/4	
1/2	1,913.22	1/2	1,548.85	1/2	1,184.48	1/2	820.12	1/2	455.75	1/2	91.04	1/2		1/2	1/2		1/2	1/2	
3/4	1,905.63	3/4	1,541.26	3/4	1,176.89	3/4	812.53	3/4	448.16	3/4	83.29	3/4		3/4	3/4		3/4	3/4	
2	1,898.04	2	1,533.67	2	1,169.30	2	804.94	2	440.57	2	75.53	2		2	2		2	2	
1/4	1,890.45	1/4	1,526.08	1/4	1,161.71	1/4	797.35	1/4	432.98	1/4	69.30	1/4		1/4	1/4		1/4	1/4	
1/2	1,882.86	1/2	1,518.49	1/2	1,154.12	1/2	789.75	1/2	425.38	1/2	63.08	1/2		1/2	1/2		1/2	1/2	
3/4	1,875.27	3/4	1,510.90	3/4	1,146.53	3/4	782.16	3/4	417.79	3/4	56.85	3/4		3/4	3/4		3/4	3/4	
3	1,867.68	3	1,503.31	3	1,138.94	3	774.57	3	410.20	3	50.63	3		3	3		3	3	
1/4	1,860.09	1/4	1,495.72	1/4	1,131.35	1/4	766.98	1/4	402.61	1/4	45.47	1/4		1/4	1/4		1/4	1/4	
1/2	1,852.49	1/2	1,488.12	1/2	1,123.76	1/2	759.39	1/2	395.02	1/2	40.31	1/2		1/2	1/2		1/2	1/2	
3/4	1,844.90	3/4	1,480.53	3/4	1,116.17	3/4	751.80	3/4	387.43	3/4	35.16	3/4		3/4	3/4		3/4	3/4	
4	1,837.31	4	1,472.94	4	1,108.58	4	744.21	4	379.84	4	30.00	4		4	4		4	4	
1/4	1,829.72	1/4	1,465.35	1/4	1,100.99	1/4	736.62	1/4	372.25	1/4	26.21	1/4		1/4	1/4		1/4	1/4	
1/2	1,822.13	1/2	1,457.76	1/2	1,093.39	1/2	729.02	1/2	364.66	1/2	22.42	1/2		1/2	1/2		1/2	1/2	
3/4	1,814.54	3/4	1,450.17	3/4	1,085.80	3/4	721.43	3/4	357.07	3/4	18.64	3/4		3/4	3/4		3/4	3/4	
5	1,806.95	5	1,442.58	5	1,078.21	5	713.84	5	349.48	5	14.85	5		5	5		5	5	
1/4	1,799.36	1/4	1,434.99	1/4	1,070.62	1/4	706.25	1/4	341.89	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,791.76	1/2	1,427.40	1/2	1,063.03	1/2	698.66	1/2	334.29	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,784.17	3/4	1,419.81	3/4	1,055.44	3/4	691.07	3/4	326.70	3/4		3/4		3/4	3/4		3/4	3/4	
6	1,776.58	6	1,412.22	6	1,047.85	6	683.48	6	319.11	6		6		6	6		6	6	
1/4	1,768.99	1/4	1,404.63	1/4	1,040.26	1/4	675.89	1/4	311.52	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,761.40	1/2	1,397.03	1/2	1,032.66	1/2	668.30	1/2	303.93	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,753.81	3/4	1,389.44	3/4	1,025.07	3/4	660.71	3/4	296.34	3/4		3/4		3/4	3/4		3/4	3/4	
7	1,746.22	7	1,381.85	7	1,017.48	7	653.12	7	288.75	7		7		7	7		7	7	
1/4	1,738.63	1/4	1,374.26	1/4	1,009.89	1/4	645.53	1/4	281.16	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,731.04	1/2	1,366.67	1/2	1,002.30	1/2	637.93	1/2	273.56	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,723.45	3/4	1,359.08	3/4	994.71	3/4	630.34	3/4	265.97	3/4		3/4		3/4	3/4		3/4	3/4	
8	1,715.86	8	1,351.49	8	987.12	8	622.75	8	258.38	8		8		8	8		8	8	
1/4	1,708.27	1/4	1,343.90	1/4	979.53	1/4	615.16	1/4	250.79	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,700.67	1/2	1,336.30	1/2	971.94	1/2	607.57	1/2	243.19	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,693.08	3/4	1,328.71	3/4	964.35	3/4	599.98	3/4	235.60	3/4		3/4		3/4	3/4		3/4	3/4	
9	1,685.49	9	1,321.12	9	956.76	9	592.39	9	228.01	9		9		9	9		9	9	
1/4	1,677.90	1/4	1,313.53	1/4	949.17	1/4	584.80	1/4	220.42	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,670.31	1/2	1,305.94	1/2	941.57	1/2	577.20	1/2	212.83	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,662.72	3/4	1,298.35	3/4	933.98	3/4	569.61	3/4	205.25	3/4		3/4		3/4	3/4		3/4	3/4	
10	1,655.13	10	1,290.76	10	926.39	10	562.02	10	197.66	10		10		10	10		10	10	
1/4	1,647.54	1/4	1,283.17	1/4	918.80	1/4	554.43	1/4	190.07	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,639.94	1/2	1,275.58	1/2	911.21	1/2	546.84	1/2	182.47	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,632.35	3/4	1,267.99	3/4	903.62	3/4	539.25	3/4	174.88	3/4		3/4		3/4	3/4		3/4	3/4	
11	1,624.76	11	1,260.40	11	896.03	11	531.66	11	167.29	11		11		11	11		11	11	
1/4	1,617.17	1/4	1,252.81	1/4	888.44	1/4	524.07	1/4	159.60	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,609.58	1/2	1,245.21	1/2	880.84	1/2	516.48	1/2	151.91	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,601.99	3/4	1,237.62	3/4	873.25	3/4	508.89	3/4	144.22	3/4		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 3002"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05"

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	4,616.56	0	4,410.29	0	4,170.86	0	3,931.44	0	3,692.02	0	3,416.24	0	3,051.87	0	2,687.50	0	2,323.14
1/4		1/4	4,614.98	1/4	4,405.30	1/4	4,165.87	1/4	3,926.45	1/4	3,687.03	1/4	3,408.65	1/4	3,044.28	1/4	2,679.91	1/4	2,315.55
1/2		1/2	4,613.40	1/2	4,400.32	1/2	4,160.88	1/2	3,921.46	1/2	3,682.04	1/2	3,401.05	1/2	3,036.69	1/2	2,672.32	1/2	2,307.95
3/4		3/4	4,611.82	3/4	4,395.33	3/4	4,155.90	3/4	3,916.48	3/4	3,677.05	3/4	3,393.46	3/4	3,029.10	3/4	2,664.73	3/4	2,300.36
1		1	4,610.24	1	4,390.34	1	4,150.91	1	3,911.49	1	3,672.06	1	3,385.87	1	3,021.51	1	2,657.14	1	2,292.77
1/4		1/4	4,607.75	1/4	4,385.35	1/4	4,145.92	1/4	3,906.50	1/4	3,667.07	1/4	3,378.28	1/4	3,013.92	1/4	2,649.55	1/4	2,285.18
1/2		1/2	4,605.26	1/2	4,380.36	1/2	4,140.93	1/2	3,901.51	1/2	3,662.08	1/2	3,370.69	1/2	3,006.32	1/2	2,641.96	1/2	2,277.59
3/4		3/4	4,602.77	3/4	4,375.37	3/4	4,135.95	3/4	3,896.53	3/4	3,657.10	3/4	3,363.10	3/4	2,998.73	3/4	2,634.37	3/4	2,270.00
2		2	4,600.28	2	4,370.38	2	4,130.96	2	3,891.54	2	3,652.11	2	3,355.51	2	2,991.14	2	2,626.78	2	2,262.41
1/4		1/4	4,596.88	1/4	4,365.39	1/4	4,125.97	1/4	3,886.55	1/4	3,647.12	1/4	3,347.92	1/4	2,983.55	1/4	2,619.19	1/4	2,254.82
1/2		1/2	4,593.48	1/2	4,360.41	1/2	4,120.98	1/2	3,881.56	1/2	3,642.13	1/2	3,340.33	1/2	2,975.96	1/2	2,611.59	1/2	2,247.22
3/4		3/4	4,590.08	3/4	4,355.42	3/4	4,116.00	3/4	3,876.57	3/4	3,637.15	3/4	3,332.74	3/4	2,968.37	3/4	2,604.00	3/4	2,239.63
3		3	4,586.68	3	4,350.43	3	4,111.01	3	3,871.58	3	3,632.16	3	3,325.15	3	2,960.78	3	2,596.41	3	2,232.04
1/4		1/4	4,582.37	1/4	4,345.44	1/4	4,106.02	1/4	3,866.59	1/4	3,627.17	1/4	3,317.56	1/4	2,953.19	1/4	2,588.82	1/4	2,224.45
1/2		1/2	4,578.07	1/2	4,340.46	1/2	4,101.03	1/2	3,861.60	1/2	3,622.18	1/2	3,309.96	1/2	2,945.60	1/2	2,581.23	1/2	2,216.86
3/4		3/4	4,573.76	3/4	4,335.47	3/4	4,096.05	3/4	3,856.62	3/4	3,617.20	3/4	3,302.37	3/4	2,938.01	3/4	2,573.64	3/4	2,209.27
4		4	4,569.45	4	4,330.48	4	4,091.06	4	3,851.63	4	3,612.21	4	3,294.78	4	2,930.42	4	2,566.05	4	2,201.68
1/4		1/4	4,564.58	1/4	4,325.49	1/4	4,086.07	1/4	3,846.64	1/4	3,607.22	1/4	3,287.19	1/4	2,922.83	1/4	2,558.46	1/4	2,194.09
1/2		1/2	4,559.70	1/2	4,320.51	1/2	4,081.08	1/2	3,841.65	1/2	3,602.23	1/2	3,279.60	1/2	2,915.23	1/2	2,550.86	1/2	2,186.50
3/4		3/4	4,554.83	3/4	4,315.52	3/4	4,076.09	3/4	3,836.67	3/4	3,597.25	3/4	3,272.01	3/4	2,907.64	3/4	2,543.27	3/4	2,178.91
5		5	4,549.95	5	4,310.53	5	4,071.10	5	3,831.68	5	3,592.26	5	3,264.42	5	2,900.05	5	2,535.68	5	2,171.32
1/4		1/4	4,544.96	1/4	4,305.54	1/4	4,066.11	1/4	3,826.69	1/4	3,587.24	1/4	3,256.83	1/4	2,892.46	1/4	2,528.09	1/4	2,163.73
1/2		1/2	4,539.98	1/2	4,300.56	1/2	4,061.12	1/2	3,821.70	1/2	3,582.22	1/2	3,249.24	1/2	2,884.87	1/2	2,520.50	1/2	2,156.13
3/4		3/4	4,534.99	3/4	4,295.57	3/4	4,056.14	3/4	3,816.72	3/4	3,577.21	3/4	3,241.65	3/4	2,877.28	3/4	2,512.91	3/4	2,148.54
6		6	4,530.00	6	4,290.58	6	4,051.15	6	3,811.73	6	3,572.19	6	3,234.06	6	2,869.69	6	2,505.32	6	2,140.95
1/4		1/4	4,525.01	1/4	4,285.59	1/4	4,046.16	1/4	3,806.74	1/4	3,566.82	1/4	3,226.47	1/4	2,862.10	1/4	2,497.73	1/4	2,133.36
1/2		1/2	4,520.03	1/2	4,280.60	1/2	4,041.17	1/2	3,801.75	1/2	3,561.46	1/2	3,218.87	1/2	2,854.50	1/2	2,490.14	1/2	2,125.77
3/4		3/4	4,515.04	3/4	4,275.61	3/4	4,036.19	3/4	3,796.77	3/4	3,556.09	3/4	3,211.28	3/4	2,846.91	3/4	2,482.55	3/4	2,118.18
7		7	4,510.05	7	4,270.62	7	4,031.20	7	3,791.78	7	3,550.73	7	3,203.69	7	2,839.32	7	2,474.96	7	2,110.59
1/4		1/4	4,505.06	1/4	4,265.63	1/4	4,026.21	1/4	3,786.79	1/4	3,544.92	1/4	3,196.10	1/4	2,831.73	1/4	2,467.37	1/4	2,103.00
1/2		1/2	4,500.08	1/2	4,260.65	1/2	4,021.22	1/2	3,781.80	1/2	3,539.11	1/2	3,188.51	1/2	2,824.14	1/2	2,459.77	1/2	2,095.40
3/4		3/4	4,495.09	3/4	4,255.66	3/4	4,016.24	3/4	3,776.81	3/4	3,533.30	3/4	3,180.92	3/4	2,816.55	3/4	2,452.18	3/4	2,087.81
8		8	4,490.10	8	4,250.67	8	4,011.25	8	3,771.82	8	3,527.49	8	3,173.33	8	2,808.96	8	2,444.59	8	2,080.22
1/4		1/4	4,485.11	1/4	4,245.68	1/4	4,006.26	1/4	3,766.83	1/4	3,521.20	1/4	3,165.74	1/4	2,801.37	1/4	2,437.00	1/4	2,072.63
1/2		1/2	4,480.12	1/2	4,240.70	1/2	4,001.27	1/2	3,761.84	1/2	3,514.92	1/2	3,158.14	1/2	2,793.78	1/2	2,429.41	1/2	2,065.04
3/4		3/4	4,475.13	3/4	4,235.71	3/4	3,996.29	3/4	3,756.86	3/4	3,508.63	3/4	3,150.55	3/4	2,786.19	3/4	2,421.82	3/4	2,057.45
9		9	4,470.14	9	4,230.72	9	3,991.30	9	3,751.87	9	3,502.35	9	3,142.96	9	2,778.60	9	2,414.23	9	2,049.86
1/4		1/4	4,465.15	1/4	4,225.73	1/4	3,986.31	1/4	3,746.88	1/4	3,495.59	1/4	3,135.37	1/4	2,771.01	1/4	2,406.64	1/4	2,042.27
1/2		1/2	4,460.17	1/2	4,220.75	1/2	3,981.32	1/2	3,741.89	1/2	3,488.83	1/2	3,127.78	1/2	2,763.41	1/2	2,399.04	1/2	2,034.68
3/4		3/4	4,455.18	3/4	4,215.76	3/4	3,976.33	3/4	3,736.91	3/4	3,482.07	3/4	3,120.19	3/4	2,755.82	3/4	2,391.45	3/4	2,027.09
10		10	4,450.19	10	4,210.77	10	3,971.34	10	3,731.92	10	3,475.31	10	3,112.60	10	2,748.23	10	2,383.86	10	2,019.50
1/4		1/4	4,445.20	1/4	4,205.78	1/4	3,966.35	1/4	3,726.93	1/4	3,468.07	1/4	3,105.01	1/4	2,740.64	1/4	2,376.27	1/4	2,011.91
1/2		1/2	4,440.22	1/2	4,200.79	1/2	3,961.36	1/2	3,721.94	1/2	3,460.84	1/2	3,097.42	1/2	2,733.05	1/2	2,368.68	1/2	2,004.31
3/4	4,619.69	3/4	4,435.23	3/4	4,195.81	3/4	3,956.38	3/4	3,716.96	3/4	3,453.60	3/4	3,089.83	3/4	2,725.46	3/4	2,361.09	3/4	1,996.72
11	4,619.47	11	4,430.24	11	4,190.82	11	3,951.39	11	3,711.97	11	3,446.37	11	3,082.24	11	2,717.87	11	2,353.50	11	1,989.13
1/4	4,618.74	1/4	4,425.25	1/4	4,185.83	1/4	3,946.40	1/4	3,706.98	1/4	3,438.84	1/4	3,074.65	1/4	2,710.28	1/4	2,345.91	1/4	1,981.54
1/2	4,618.02	1/2	4,420.27	1/2	4,180.84	1/2	3,941.41	1/2	3,701.99	1/2	3,431.30	1/2	3,067.05	1/2	2,702.68	1/2	2,338.32	1/2	1,973.95
3/4	4,617.29	3/4	4,415.28	3/4	4,175.85	3/4	3,936.43	3/4	3,697.01	3/4	3,423.77	3/4	3,059.46	3/4	2,695.09	3/4	2,330.73	3/4	1,966.36

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 3002"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-05"

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	1,958.77	0	1,594.40	0	1,230.03	0	865.66	0	501.30	0	136.53	0		0		0		0	
1/4	1,951.18	1/4	1,586.81	1/4	1,222.44	1/4	858.07	1/4	493.71	1/4	129.04	1/4		1/4	1/4		1/4	1/4	
1/2	1,943.58	1/2	1,579.22	1/2	1,214.85	1/2	850.48	1/2	486.11	1/2	121.54	1/2		1/2	1/2		1/2	1/2	
3/4	1,935.99	3/4	1,571.63	3/4	1,207.26	3/4	842.89	3/4	478.52	3/4	114.05	3/4		3/4	3/4		3/4	3/4	
1	1,928.40	1	1,564.04	1	1,199.67	1	835.30	1	470.93	1	106.56	1		1		1		1	
1/4	1,920.81	1/4	1,556.45	1/4	1,192.08	1/4	827.71	1/4	463.34	1/4	98.80	1/4		1/4	1/4		1/4	1/4	
1/2	1,913.22	1/2	1,548.85	1/2	1,184.48	1/2	820.12	1/2	455.75	1/2	91.04	1/2		1/2	1/2		1/2	1/2	
3/4	1,905.63	3/4	1,541.26	3/4	1,176.89	3/4	812.53	3/4	448.16	3/4	83.29	3/4		3/4	3/4		3/4	3/4	
2	1,898.04	2	1,533.67	2	1,169.30	2	804.94	2	440.57	2	75.53	2		2		2		2	
1/4	1,890.45	1/4	1,526.08	1/4	1,161.71	1/4	797.35	1/4	432.98	1/4	69.30	1/4		1/4	1/4		1/4	1/4	
1/2	1,882.86	1/2	1,518.49	1/2	1,154.12	1/2	789.75	1/2	425.38	1/2	63.08	1/2		1/2	1/2		1/2	1/2	
3/4	1,875.27	3/4	1,510.90	3/4	1,146.53	3/4	782.16	3/4	417.79	3/4	56.85	3/4		3/4	3/4		3/4	3/4	
3	1,867.68	3	1,503.31	3	1,138.94	3	774.57	3	410.20	3	50.63	3		3		3		3	
1/4	1,860.09	1/4	1,495.72	1/4	1,131.35	1/4	766.98	1/4	402.61	1/4	45.47	1/4		1/4	1/4		1/4	1/4	
1/2	1,852.49	1/2	1,488.12	1/2	1,123.76	1/2	759.39	1/2	395.02	1/2	40.31	1/2		1/2	1/2		1/2	1/2	
3/4	1,844.90	3/4	1,480.53	3/4	1,116.17	3/4	751.80	3/4	387.43	3/4	35.16	3/4		3/4	3/4		3/4	3/4	
4	1,837.31	4	1,472.94	4	1,108.58	4	744.21	4	379.84	4	30.00	4		4		4		4	
1/4	1,829.72	1/4	1,465.35	1/4	1,100.99	1/4	736.62	1/4	372.25	1/4	26.21	1/4		1/4	1/4		1/4	1/4	
1/2	1,822.13	1/2	1,457.76	1/2	1,093.39	1/2	729.02	1/2	364.66	1/2	22.42	1/2		1/2	1/2		1/2	1/2	
3/4	1,814.54	3/4	1,450.17	3/4	1,085.80	3/4	721.43	3/4	357.07	3/4	18.64	3/4		3/4	3/4		3/4	3/4	
5	1,806.95	5	1,442.58	5	1,078.21	5	713.84	5	349.48	5	14.85	5		5		5		5	
1/4	1,799.36	1/4	1,434.99	1/4	1,070.62	1/4	706.25	1/4	341.89	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,791.76	1/2	1,427.40	1/2	1,063.03	1/2	698.66	1/2	334.29	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,784.17	3/4	1,419.81	3/4	1,055.44	3/4	691.07	3/4	326.70	3/4		3/4		3/4	3/4		3/4	3/4	
6	1,776.58	6	1,412.22	6	1,047.85	6	683.48	6	319.11	6		6		6		6		6	
1/4	1,768.99	1/4	1,404.63	1/4	1,040.26	1/4	675.89	1/4	311.52	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,761.40	1/2	1,397.03	1/2	1,032.66	1/2	668.30	1/2	303.93	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,753.81	3/4	1,389.44	3/4	1,025.07	3/4	660.71	3/4	296.34	3/4		3/4		3/4	3/4		3/4	3/4	
7	1,746.22	7	1,381.85	7	1,017.48	7	653.12	7	288.75	7		7		7		7		7	
1/4	1,738.63	1/4	1,374.26	1/4	1,009.89	1/4	645.53	1/4	281.16	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,731.04	1/2	1,366.67	1/2	1,002.30	1/2	637.93	1/2	273.56	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,723.45	3/4	1,359.08	3/4	994.71	3/4	630.34	3/4	265.97	3/4		3/4		3/4	3/4		3/4	3/4	
8	1,715.86	8	1,351.49	8	987.12	8	622.75	8	258.38	8		8		8		8		8	
1/4	1,708.27	1/4	1,343.90	1/4	979.53	1/4	615.16	1/4	250.79	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,700.67	1/2	1,336.30	1/2	971.94	1/2	607.57	1/2	243.19	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,693.08	3/4	1,328.71	3/4	964.35	3/4	599.98	3/4	235.60	3/4		3/4		3/4	3/4		3/4	3/4	
9	1,685.49	9	1,321.12	9	956.76	9	592.39	9	228.01	9		9		9		9		9	
1/4	1,677.90	1/4	1,313.53	1/4	949.17	1/4	584.80	1/4	220.42	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,670.31	1/2	1,305.94	1/2	941.57	1/2	577.20	1/2	212.83	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,662.72	3/4	1,298.35	3/4	933.98	3/4	569.61	3/4	205.25	3/4		3/4		3/4	3/4		3/4	3/4	
10	1,655.13	10	1,290.76	10	926.39	10	562.02	10	197.66	10		10		10		10		10	
1/4	1,647.54	1/4	1,283.17	1/4	918.80	1/4	554.43	1/4	190.07	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,639.94	1/2	1,275.58	1/2	911.21	1/2	546.84	1/2	182.47	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,632.35	3/4	1,267.99	3/4	903.62	3/4	539.25	3/4	174.88	3/4		3/4		3/4	3/4		3/4	3/4	
11	1,624.76	11	1,260.40	11	896.03	11	531.66	11	167.29	11		11		11		11		11	
1/4	1,617.17	1/4	1,252.81	1/4	888.44	1/4	524.07	1/4	159.60	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,609.58	1/2	1,245.21	1/2	880.84	1/2	516.48	1/2	151.91	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,601.99	3/4	1,237.62	3/4	873.25	3/4	508.89	3/4	144.22	3/4		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>