



BARGE "HTCO 3082

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,061.66	0	4,748.01	0	4,391.42	0	4,034.83	0	3,678.24	0	3,321.64	0	2,965.05
1/4		1/4		1/4		1/4	5,059.40	1/4	4,740.58	1/4	4,383.99	1/4	4,027.40	1/4	3,670.81	1/4	3,314.21	1/4	2,957.62
1/2		1/2		1/2		1/2	5,056.01	1/2	4,733.15	1/2	4,376.56	1/2	4,019.97	1/2	3,663.38	1/2	3,306.78	1/2	2,950.19
3/4		3/4		3/4		3/4	5,052.62	3/4	4,725.73	3/4	4,369.13	3/4	4,012.54	3/4	3,655.95	3/4	3,299.36	3/4	2,942.77
1		1		1		1	5,049.22	1	4,718.30	1	4,361.70	1	4,005.11	1	3,648.52	1	3,291.93	1	2,935.34
1/4		1/4		1/4		1/4	5,045.83	1/4	4,710.87	1/4	4,354.27	1/4	3,997.68	1/4	3,641.09	1/4	3,284.50	1/4	2,927.91
1/2		1/2		1/2		1/2	5,041.31	1/2	4,703.44	1/2	4,346.87	1/2	3,990.25	1/2	3,633.66	1/2	3,277.07	1/2	2,920.48
3/4		3/4		3/4		3/4	5,036.79	3/4	4,696.01	3/4	4,339.46	3/4	3,982.82	3/4	3,626.23	3/4	3,269.64	3/4	2,913.05
2		2		2		2	5,032.26	2	4,688.58	2	4,332.06	2	3,975.40	2	3,618.80	2	3,262.21	2	2,905.62
1/4		1/4		1/4		1/4	5,027.74	1/4	4,681.15	1/4	4,324.66	1/4	3,967.97	1/4	3,611.37	1/4	3,254.78	1/4	2,898.19
1/2		1/2		1/2		1/2	5,022.08	1/2	4,673.72	1/2	4,317.20	1/2	3,960.54	1/2	3,603.94	1/2	3,247.35	1/2	2,890.76
3/4		3/4		3/4		3/4	5,016.43	3/4	4,666.29	3/4	4,309.75	3/4	3,953.11	3/4	3,596.52	3/4	3,239.93	3/4	2,883.33
3		3		3		3	5,010.77	3	4,658.86	3	4,302.29	3	3,945.68	3	3,589.09	3	3,232.50	3	2,875.90
1/4		1/4		1/4		1/4	5,005.11	1/4	4,651.43	1/4	4,294.84	1/4	3,938.25	1/4	3,581.66	1/4	3,225.07	1/4	2,868.47
1/2		1/2		1/2		1/2	4,998.32	1/2	4,644.00	1/2	4,287.41	1/2	3,930.82	1/2	3,574.23	1/2	3,217.64	1/2	2,861.04
3/4		3/4		3/4		3/4	4,991.53	3/4	4,636.57	3/4	4,279.98	3/4	3,923.39	3/4	3,566.80	3/4	3,210.21	3/4	2,853.62
4		4		4		4	4,984.74	4	4,629.15	4	4,272.56	4	3,915.96	4	3,559.37	4	3,202.78	4	2,846.19
1/4		1/4		1/4		1/4	4,977.95	1/4	4,621.72	1/4	4,265.13	1/4	3,908.53	1/4	3,551.94	1/4	3,195.35	1/4	2,838.76
1/2		1/2		1/2		1/2	4,970.61	1/2	4,614.29	1/2	4,257.70	1/2	3,901.10	1/2	3,544.51	1/2	3,187.92	1/2	2,831.33
3/4		3/4		3/4		3/4	4,963.27	3/4	4,606.86	3/4	4,250.27	3/4	3,893.67	3/4	3,537.09	3/4	3,180.49	3/4	2,823.90
5		5		5		5	4,955.93	5	4,599.43	5	4,242.84	5	3,886.25	5	3,529.66	5	3,173.06	5	2,816.47
1/4		1/4		1/4		1/4	4,948.59	1/4	4,592.00	1/4	4,235.41	1/4	3,878.82	1/4	3,522.23	1/4	3,165.63	1/4	2,809.04
1/2		1/2		1/2		1/2	4,941.16	1/2	4,584.57	1/2	4,227.98	1/2	3,871.39	1/2	3,514.80	1/2	3,158.20	1/2	2,801.61
3/4		3/4		3/4		3/4	4,933.74	3/4	4,577.14	3/4	4,220.55	3/4	3,863.96	3/4	3,507.37	3/4	3,150.78	3/4	2,794.19
6		6		6		6	4,926.31	6	4,569.72	6	4,213.12	6	3,856.53	6	3,499.94	6	3,143.35	6	2,786.76
1/4		1/4		1/4		1/4	4,918.88	1/4	4,562.29	1/4	4,205.69	1/4	3,849.10	1/4	3,492.51	1/4	3,135.92	1/4	2,779.33
1/2		1/2		1/2		1/2	4,911.45	1/2	4,554.86	1/2	4,198.26	1/2	3,841.67	1/2	3,485.08	1/2	3,128.49	1/2	2,771.90
3/4		3/4		3/4		3/4	4,904.02	3/4	4,547.43	3/4	4,190.83	3/4	3,834.25	3/4	3,477.65	3/4	3,121.06	3/4	2,764.47
7		7		7		7	4,896.59	7	4,540.00	7	4,183.41	7	3,826.82	7	3,470.22	7	3,113.63	7	2,757.04
1/4		1/4		1/4		1/4	4,889.16	1/4	4,532.57	1/4	4,175.98	1/4	3,819.39	1/4	3,462.79	1/4	3,106.20	1/4	2,749.61
1/2		1/2		1/2		1/2	4,881.73	1/2	4,525.14	1/2	4,168.55	1/2	3,811.96	1/2	3,455.36	1/2	3,098.77	1/2	2,742.18
3/4		3/4		3/4		3/4	4,874.31	3/4	4,517.71	3/4	4,161.12	3/4	3,804.53	3/4	3,447.94	3/4	3,091.35	3/4	2,734.75
8		8		8		8	4,866.88	8	4,510.28	8	4,153.69	8	3,797.10	8	3,440.51	8	3,083.92	8	2,727.32
1/4		1/4		1/4		1/4	4,859.45	1/4	4,502.85	1/4	4,146.26	1/4	3,789.67	1/4	3,433.08	1/4	3,076.49	1/4	2,719.89
1/2		1/2		1/2		1/2	4,852.02	1/2	4,495.42	1/2	4,138.83	1/2	3,782.24	1/2	3,425.65	1/2	3,069.06	1/2	2,712.46
3/4		3/4		3/4		3/4	4,844.59	3/4	4,487.99	3/4	4,131.40	3/4	3,774.81	3/4	3,418.22	3/4	3,061.63	3/4	2,705.04
9		9		9		9	4,837.16	9	4,480.57	9	4,123.98	9	3,767.38	9	3,410.79	9	3,054.20	9	2,697.61
1/4		1/4		1/4		1/4	4,829.73	1/4	4,473.14	1/4	4,116.55	1/4	3,759.95	1/4	3,403.36	1/4	3,046.77	1/4	2,690.18
1/2		1/2		1/2		1/2	4,822.30	1/2	4,465.71	1/2	4,109.12	1/2	3,752.52	1/2	3,395.93	1/2	3,039.34	1/2	2,682.75
3/4		3/4		3/4	5,073.94	3/4	4,814.87	3/4	4,458.28	3/4	4,101.69	3/4	3,745.10	3/4	3,388.51	3/4	3,031.91	3/4	2,675.32
10		10		10	5,073.52	10	4,807.44	10	4,450.85	10	4,094.26	10	3,737.67	10	3,381.08	10	3,024.48	10	2,667.89
1/4		1/4		1/4	5,073.10	1/4	4,800.01	1/4	4,443.42	1/4	4,086.83	1/4	3,730.24	1/4	3,373.65	1/4	3,017.05	1/4	2,660.46
1/2		1/2		1/2	5,071.94	1/2	4,792.58	1/2	4,435.99	1/2	4,079.40	1/2	3,722.81	1/2	3,366.22	1/2	3,009.62	1/2	2,653.03
3/4		3/4		3/4	5,070.78	3/4	4,785.16	3/4	4,428.56	3/4	4,071.97	3/4	3,715.38	3/4	3,358.79	3/4	3,002.20	3/4	2,645.61
11		11		11	5,069.61	11	4,777.73	11	4,421.14	11	4,064.54	11	3,707.95	11	3,351.36	11	2,994.77	11	2,638.18
1/4		1/4		1/4	5,068.45	1/4	4,770.30	1/4	4,413.71	1/4	4,057.11	1/4	3,700.52	1/4	3,343.93	1/4	2,987.34	1/4	2,630.75
1/2		1/2		1/2	5,066.19	1/2	4,762.87	1/2	4,406.28	1/2	4,049.68	1/2	3,693.09	1/2	3,336.50	1/2	2,979.91	1/2	2,623.32
3/4		3/4		3/4	5,063.93	3/4	4,755.44	3/4	4,398.85	3/4	4,042.25	3/4	3,685.67	3/4	3,329.07	3/4	2,972.48	3/4	2,615.89

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.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO (TOP LIP OF 2" BALL VALVE)

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HTCO 3082"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,608.46	0	2,251.87	0	1,895.28	0	1,538.68	0	1,182.09	0	825.50	0	468.01	0	125.25	0		0	
1/4	2,601.03	1/4	2,244.44	1/4	1,887.85	1/4	1,531.25	1/4	1,174.66	1/4	818.07	1/4	460.43	1/4	118.66	1/4		1/4	
1/2	2,593.60	1/2	2,237.01	1/2	1,880.42	1/2	1,523.82	1/2	1,167.23	1/2	810.64	1/2	452.95	1/2	112.17	1/2		1/2	
3/4	2,586.17	3/4	2,229.58	3/4	1,872.99	3/4	1,516.40	3/4	1,159.81	3/4	803.21	3/4	445.47	3/4	105.67	3/4		3/4	
1	2,578.74	1	2,222.15	1	1,865.56	1	1,508.97	1	1,152.38	1	795.78	1	437.98	1	99.18	1		1	
1/4	2,571.31	1/4	2,214.72	1/4	1,858.13	1/4	1,501.54	1/4	1,144.95	1/4	788.35	1/4	430.50	1/4	92.68	1/4		1/4	
1/2	2,563.88	1/2	2,207.29	1/2	1,850.70	1/2	1,494.11	1/2	1,137.52	1/2	780.92	1/2	423.05	1/2	86.22	1/2		1/2	
3/4	2,556.46	3/4	2,199.87	3/4	1,843.27	3/4	1,486.68	3/4	1,130.09	3/4	773.50	3/4	415.60	3/4	79.75	3/4		3/4	
2	2,549.03	2	2,192.44	2	1,835.84	2	1,479.25	2	1,122.66	2	766.07	2	408.14	2	73.29	2		2	
1/4	2,541.60	1/4	2,185.01	1/4	1,828.41	1/4	1,471.82	1/4	1,115.23	1/4	758.64	1/4	400.69	1/4	66.82	1/4		1/4	
1/2	2,534.17	1/2	2,177.58	1/2	1,820.98	1/2	1,464.39	1/2	1,107.80	1/2	751.21	1/2	393.33	1/2	60.56	1/2		1/2	
3/4	2,526.74	3/4	2,170.15	3/4	1,813.56	3/4	1,456.97	3/4	1,100.37	3/4	743.78	3/4	385.98	3/4	54.30	3/4		3/4	
3	2,519.31	3	2,162.72	3	1,806.13	3	1,449.54	3	1,092.94	3	736.35	3	378.62	3	48.04	3		3	
1/4	2,511.88	1/4	2,155.29	1/4	1,798.70	1/4	1,442.11	1/4	1,085.51	1/4	728.92	1/4	371.26	1/4	41.78	1/4		1/4	
1/2	2,504.45	1/2	2,147.86	1/2	1,791.27	1/2	1,434.68	1/2	1,078.08	1/2	721.49	1/2	363.93	1/2	36.84	1/2		1/2	
3/4	2,497.03	3/4	2,140.43	3/4	1,783.84	3/4	1,427.25	3/4	1,070.66	3/4	714.06	3/4	356.60	3/4	31.91	3/4		3/4	
4	2,489.60	4	2,133.00	4	1,776.41	4	1,419.82	4	1,063.23	4	706.63	4	349.27	4	26.97	4		4	
1/4	2,482.17	1/4	2,125.57	1/4	1,768.98	1/4	1,412.39	1/4	1,055.80	1/4	699.20	1/4	341.94	1/4	22.03	1/4		1/4	
1/2	2,474.74	1/2	2,118.14	1/2	1,761.55	1/2	1,404.96	1/2	1,048.37	1/2	691.77	1/2	334.71	1/2	18.62	1/2		1/2	
3/4	2,467.31	3/4	2,110.72	3/4	1,754.13	3/4	1,397.53	3/4	1,040.94	3/4	684.35	3/4	327.47	3/4	15.22	3/4		3/4	
5	2,459.88	5	2,103.29	5	1,746.70	5	1,390.10	5	1,033.51	5	676.92	5	320.24	5	11.81	5		5	
1/4	2,452.45	1/4	2,095.86	1/4	1,739.27	1/4	1,382.67	1/4	1,026.08	1/4	669.49	1/4	313.00	1/4	8.40	1/4		1/4	
1/2	2,445.02	1/2	2,088.43	1/2	1,731.84	1/2	1,375.24	1/2	1,018.65	1/2	662.06	1/2	305.80	1/2	6.69	1/2		1/2	
3/4	2,437.59	3/4	2,081.00	3/4	1,724.41	3/4	1,367.82	3/4	1,011.22	3/4	654.63	3/4	298.60	3/4	4.98	3/4		3/4	
6	2,430.16	6	2,073.57	6	1,716.98	6	1,360.39	6	1,003.79	6	647.20	6	291.39	6	3.27	6		6	
1/4	2,422.73	1/4	2,066.14	1/4	1,709.55	1/4	1,352.96	1/4	996.36	1/4	639.77	1/4	284.19	1/4	1.56	1/4		1/4	
1/2	2,415.30	1/2	2,058.71	1/2	1,702.12	1/2	1,345.53	1/2	988.93	1/2	632.34	1/2	277.08	1/2		1/2		1/2	
3/4	2,407.88	3/4	2,051.29	3/4	1,694.69	3/4	1,338.10	3/4	981.51	3/4	624.92	3/4	269.98	3/4		3/4		3/4	
7	2,400.45	7	2,043.86	7	1,687.26	7	1,330.67	7	974.08	7	617.49	7	262.87	7		7		7	
1/4	2,393.02	1/4	2,036.43	1/4	1,679.83	1/4	1,323.24	1/4	966.65	1/4	610.06	1/4	255.76	1/4		1/4		1/4	
1/2	2,385.59	1/2	2,029.00	1/2	1,672.40	1/2	1,315.81	1/2	959.22	1/2	602.63	1/2	248.68	1/2		1/2		1/2	
3/4	2,378.16	3/4	2,021.57	3/4	1,664.98	3/4	1,308.39	3/4	951.79	3/4	595.20	3/4	241.61	3/4		3/4		3/4	
8	2,370.73	8	2,014.14	8	1,657.55	8	1,300.96	8	944.36	8	587.77	8	234.53	8		8		8	
1/4	2,363.30	1/4	2,006.71	1/4	1,650.12	1/4	1,293.53	1/4	936.93	1/4	580.34	1/4	227.45	1/4		1/4		1/4	
1/2	2,355.87	1/2	1,999.28	1/2	1,642.69	1/2	1,286.10	1/2	929.50	1/2	572.91	1/2	220.47	1/2		1/2		1/2	
3/4	2,348.45	3/4	1,991.85	3/4	1,635.26	3/4	1,278.67	3/4	922.08	3/4	565.49	3/4	213.49	3/4		3/4		3/4	
9	2,341.02	9	1,984.42	9	1,627.83	9	1,271.24	9	914.65	9	558.06	9	206.50	9		9		9	
1/4	2,333.59	1/4	1,976.99	1/4	1,620.40	1/4	1,263.81	1/4	907.22	1/4	550.63	1/4	199.52	1/4		1/4		1/4	
1/2	2,326.16	1/2	1,969.56	1/2	1,612.97	1/2	1,256.38	1/2	899.79	1/2	543.20	1/2	192.57	1/2		1/2		1/2	
3/4	2,318.73	3/4	1,962.14	3/4	1,605.55	3/4	1,248.95	3/4	892.36	3/4	535.77	3/4	185.62	3/4		3/4		3/4	
10	2,311.30	10	1,954.71	10	1,598.12	10	1,241.52	10	884.93	10	528.34	10	178.66	10		10		10	
1/4	2,303.87	1/4	1,947.28	1/4	1,590.69	1/4	1,234.09	1/4	877.50	1/4	520.91	1/4	171.71	1/4		1/4		1/4	
1/2	2,296.44	1/2	1,939.85	1/2	1,583.26	1/2	1,226.66	1/2	870.07	1/2	513.37	1/2	165.03	1/2		1/2		1/2	
3/4	2,289.01	3/4	1,932.42	3/4	1,575.83	3/4	1,219.24	3/4	862.64	3/4	505.83	3/4	158.36	3/4		3/4		3/4	
11	2,281.58	11	1,924.99	11	1,568.40	11	1,211.81	11	855.21	11	498.29	11	151.68	11		11		11	
1/4	2,274.15	1/4	1,917.56	1/4	1,560.97	1/4	1,204.38	1/4	847.78	1/4	490.75	1/4	145.00	1/4		1/4		1/4	
1/2	2,266.72	1/2	1,910.13	1/2	1,553.54	1/2	1,196.95	1/2	840.35	1/2	483.17	1/2	138.42	1/2		1/2		1/2	
3/4	2,259.30	3/4	1,902.71	3/4	1,546.11	3/4	1,189.52	3/4	832.93	3/4	475.59	3/4	131.83	3/4		3/4		3/4	

STRAPPED: 12/14/2011 INSP.

REPRINTED: 05/05/2018

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3082

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,063.93	0	4,755.44	0	4,398.85	0	4,042.25	0	3,685.67	0	3,329.07	0	2,972.48
1/4		1/4		1/4		1/4	5,061.66	1/4	4,748.01	1/4	4,391.42	1/4	4,034.83	1/4	3,678.24	1/4	3,321.64	1/4	2,965.05
1/2		1/2		1/2		1/2	5,059.40	1/2	4,740.58	1/2	4,383.99	1/2	4,027.40	1/2	3,670.81	1/2	3,314.21	1/2	2,957.62
3/4		3/4		3/4		3/4	5,056.01	3/4	4,733.15	3/4	4,376.56	3/4	4,019.97	3/4	3,663.38	3/4	3,306.78	3/4	2,950.19
1		1		1		1	5,052.62	1	4,725.73	1	4,369.13	1	4,012.54	1	3,655.95	1	3,299.36	1	2,942.77
1/4		1/4		1/4		1/4	5,049.22	1/4	4,718.30	1/4	4,361.70	1/4	4,005.11	1/4	3,648.52	1/4	3,291.93	1/4	2,935.34
1/2		1/2		1/2		1/2	5,045.83	1/2	4,710.87	1/2	4,354.27	1/2	3,997.68	1/2	3,641.09	1/2	3,284.50	1/2	2,927.91
3/4		3/4		3/4		3/4	5,041.31	3/4	4,703.44	3/4	4,346.87	3/4	3,990.25	3/4	3,633.66	3/4	3,277.07	3/4	2,920.48
2		2		2		2	5,036.79	2	4,696.01	2	4,339.46	2	3,982.82	2	3,626.23	2	3,269.64	2	2,913.05
1/4		1/4		1/4		1/4	5,032.26	1/4	4,688.58	1/4	4,332.06	1/4	3,975.40	1/4	3,618.80	1/4	3,262.21	1/4	2,905.62
1/2		1/2		1/2		1/2	5,027.74	1/2	4,681.15	1/2	4,324.66	1/2	3,967.97	1/2	3,611.37	1/2	3,254.78	1/2	2,898.19
3/4		3/4		3/4		3/4	5,022.08	3/4	4,673.72	3/4	4,317.20	3/4	3,960.54	3/4	3,603.94	3/4	3,247.35	3/4	2,890.76
3		3		3		3	5,016.43	3	4,666.29	3	4,309.75	3	3,953.11	3	3,596.52	3	3,239.93	3	2,883.33
1/4		1/4		1/4		1/4	5,010.77	1/4	4,658.86	1/4	4,302.29	1/4	3,945.68	1/4	3,589.09	1/4	3,232.50	1/4	2,875.90
1/2		1/2		1/2		1/2	5,005.11	1/2	4,651.43	1/2	4,294.84	1/2	3,938.25	1/2	3,581.66	1/2	3,225.07	1/2	2,868.47
3/4		3/4		3/4		3/4	4,998.32	3/4	4,644.00	3/4	4,287.41	3/4	3,930.82	3/4	3,574.23	3/4	3,217.64	3/4	2,861.04
4		4		4		4	4,991.53	4	4,636.57	4	4,279.98	4	3,923.39	4	3,566.80	4	3,210.21	4	2,853.62
1/4		1/4		1/4		1/4	4,984.74	1/4	4,629.15	1/4	4,272.56	1/4	3,915.96	1/4	3,559.37	1/4	3,202.78	1/4	2,846.19
1/2		1/2		1/2		1/2	4,977.95	1/2	4,621.72	1/2	4,265.13	1/2	3,908.53	1/2	3,551.94	1/2	3,195.35	1/2	2,838.76
3/4		3/4		3/4		3/4	4,970.61	3/4	4,614.29	3/4	4,257.70	3/4	3,901.10	3/4	3,544.51	3/4	3,187.92	3/4	2,831.33
5		5		5		5	4,963.27	5	4,606.86	5	4,250.27	5	3,893.67	5	3,537.09	5	3,180.49	5	2,823.90
1/4		1/4		1/4		1/4	4,955.93	1/4	4,599.43	1/4	4,242.84	1/4	3,886.25	1/4	3,529.66	1/4	3,173.06	1/4	2,816.47
1/2		1/2		1/2		1/2	4,948.59	1/2	4,592.00	1/2	4,235.41	1/2	3,878.82	1/2	3,522.23	1/2	3,165.63	1/2	2,809.04
3/4		3/4		3/4		3/4	4,941.16	3/4	4,584.57	3/4	4,227.98	3/4	3,871.39	3/4	3,514.80	3/4	3,158.20	3/4	2,801.61
6		6		6		6	4,933.74	6	4,577.14	6	4,220.55	6	3,863.96	6	3,507.37	6	3,150.78	6	2,794.19
1/4		1/4		1/4		1/4	4,926.31	1/4	4,569.72	1/4	4,213.12	1/4	3,856.53	1/4	3,499.94	1/4	3,143.35	1/4	2,786.76
1/2		1/2		1/2		1/2	4,918.88	1/2	4,562.29	1/2	4,205.69	1/2	3,849.10	1/2	3,492.51	1/2	3,135.92	1/2	2,779.33
3/4		3/4		3/4		3/4	4,911.45	3/4	4,554.86	3/4	4,198.26	3/4	3,841.67	3/4	3,485.08	3/4	3,128.49	3/4	2,771.90
7		7		7		7	4,904.02	7	4,547.43	7	4,190.83	7	3,834.25	7	3,477.65	7	3,121.06	7	2,764.47
1/4		1/4		1/4		1/4	4,896.59	1/4	4,540.00	1/4	4,183.41	1/4	3,826.82	1/4	3,470.22	1/4	3,113.63	1/4	2,757.04
1/2		1/2		1/2		1/2	4,889.16	1/2	4,532.57	1/2	4,175.98	1/2	3,819.39	1/2	3,462.79	1/2	3,106.20	1/2	2,749.61
3/4		3/4		3/4		3/4	4,881.73	3/4	4,525.14	3/4	4,168.55	3/4	3,811.96	3/4	3,455.36	3/4	3,098.77	3/4	2,742.18
8		8		8		8	4,874.31	8	4,517.71	8	4,161.12	8	3,804.53	8	3,447.94	8	3,091.35	8	2,734.75
1/4		1/4		1/4		1/4	4,866.88	1/4	4,510.28	1/4	4,153.69	1/4	3,797.10	1/4	3,440.51	1/4	3,083.92	1/4	2,727.32
1/2		1/2		1/2		1/2	4,859.45	1/2	4,502.85	1/2	4,146.26	1/2	3,789.67	1/2	3,433.08	1/2	3,076.49	1/2	2,719.89
3/4		3/4		3/4		3/4	4,852.02	3/4	4,495.42	3/4	4,138.83	3/4	3,782.24	3/4	3,425.65	3/4	3,069.06	3/4	2,712.46
9		9		9		9	4,844.59	9	4,487.99	9	4,131.40	9	3,774.81	9	3,418.22	9	3,061.63	9	2,705.04
1/4		1/4		1/4		1/4	4,837.16	1/4	4,480.57	1/4	4,123.98	1/4	3,767.38	1/4	3,410.79	1/4	3,054.20	1/4	2,697.61
1/2		1/2		1/2		1/2	4,829.73	1/2	4,473.14	1/2	4,116.55	1/2	3,759.95	1/2	3,403.36	1/2	3,046.77	1/2	2,690.18
3/4		3/4		3/4		3/4	4,822.30	3/4	4,465.71	3/4	4,109.12	3/4	3,752.52	3/4	3,395.93	3/4	3,039.34	3/4	2,682.75
10		10		10	5,073.94	10	4,814.87	10	4,458.28	10	4,101.69	10	3,745.10	10	3,388.51	10	3,031.91	10	2,675.32
1/4		1/4		1/4	5,073.52	1/4	4,807.44	1/4	4,450.85	1/4	4,094.26	1/4	3,737.67	1/4	3,381.08	1/4	3,024.48	1/4	2,667.89
1/2		1/2		1/2	5,073.10	1/2	4,800.01	1/2	4,443.42	1/2	4,086.83	1/2	3,730.24	1/2	3,373.65	1/2	3,017.05	1/2	2,660.46
3/4		3/4		3/4	5,071.94	3/4	4,792.58	3/4	4,435.99	3/4	4,079.40	3/4	3,722.81	3/4	3,366.22	3/4	3,009.62	3/4	2,653.03
11		11		11	5,070.78	11	4,785.16	11	4,428.56	11	4,071.97	11	3,715.38	11	3,358.79	11	3,002.20	11	2,645.61
1/4		1/4		1/4	5,069.61	1/4	4,777.73	1/4	4,421.14	1/4	4,064.54	1/4	3,707.95	1/4	3,351.36	1/4	2,994.77	1/4	2,638.18
1/2		1/2		1/2	5,068.45	1/2	4,770.30	1/2	4,413.71	1/2	4,057.11	1/2	3,700.52	1/2	3,343.93	1/2	2,987.34	1/2	2,630.75
3/4		3/4		3/4	5,066.19	3/4	4,762.87	3/4	4,406.28	3/4	4,049.68	3/4	3,693.09	3/4	3,336.50	3/4	2,979.91	3/4	2,623.32

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO (TOP LIP OF 2" BALL VALVE)

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HTCO 3082"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,615.89	0	2,259.30	0	1,902.71	0	1,546.11	0	1,189.52	0	832.93	0	475.59	0	131.83	0		0	
1/4	2,608.46	1/4	2,251.87	1/4	1,895.28	1/4	1,538.68	1/4	1,182.09	1/4	825.50	1/4	468.01	1/4	125.25	1/4		1/4	
1/2	2,601.03	1/2	2,244.44	1/2	1,887.85	1/2	1,531.25	1/2	1,174.66	1/2	818.07	1/2	460.43	1/2	118.66	1/2		1/2	
3/4	2,593.60	3/4	2,237.01	3/4	1,880.42	3/4	1,523.82	3/4	1,167.23	3/4	810.64	3/4	452.95	3/4	112.17	3/4		3/4	
1	2,586.17	1	2,229.58	1	1,872.99	1	1,516.40	1	1,159.81	1	803.21	1	445.47	1	105.67	1		1	
1/4	2,578.74	1/4	2,222.15	1/4	1,865.56	1/4	1,508.97	1/4	1,152.38	1/4	795.78	1/4	437.98	1/4	99.18	1/4		1/4	
1/2	2,571.31	1/2	2,214.72	1/2	1,858.13	1/2	1,501.54	1/2	1,144.95	1/2	788.35	1/2	430.50	1/2	92.68	1/2		1/2	
3/4	2,563.88	3/4	2,207.29	3/4	1,850.70	3/4	1,494.11	3/4	1,137.52	3/4	780.92	3/4	423.05	3/4	86.22	3/4		3/4	
2	2,556.46	2	2,199.87	2	1,843.27	2	1,486.68	2	1,130.09	2	773.50	2	415.60	2	79.75	2		2	
1/4	2,549.03	1/4	2,192.44	1/4	1,835.84	1/4	1,479.25	1/4	1,122.66	1/4	766.07	1/4	408.14	1/4	73.29	1/4		1/4	
1/2	2,541.60	1/2	2,185.01	1/2	1,828.41	1/2	1,471.82	1/2	1,115.23	1/2	758.64	1/2	400.69	1/2	66.82	1/2		1/2	
3/4	2,534.17	3/4	2,177.58	3/4	1,820.98	3/4	1,464.39	3/4	1,107.80	3/4	751.21	3/4	393.33	3/4	60.56	3/4		3/4	
3	2,526.74	3	2,170.15	3	1,813.56	3	1,456.97	3	1,100.37	3	743.78	3	385.98	3	54.30	3		3	
1/4	2,519.31	1/4	2,162.72	1/4	1,806.13	1/4	1,449.54	1/4	1,092.94	1/4	736.35	1/4	378.62	1/4	48.04	1/4		1/4	
1/2	2,511.88	1/2	2,155.29	1/2	1,798.70	1/2	1,442.11	1/2	1,085.51	1/2	728.92	1/2	371.26	1/2	41.78	1/2		1/2	
3/4	2,504.45	3/4	2,147.86	3/4	1,791.27	3/4	1,434.68	3/4	1,078.08	3/4	721.49	3/4	363.93	3/4	36.84	3/4		3/4	
4	2,497.03	4	2,140.43	4	1,783.84	4	1,427.25	4	1,070.66	4	714.06	4	356.60	4	31.91	4		4	
1/4	2,489.60	1/4	2,133.00	1/4	1,776.41	1/4	1,419.82	1/4	1,063.23	1/4	706.63	1/4	349.27	1/4	26.97	1/4		1/4	
1/2	2,482.17	1/2	2,125.57	1/2	1,768.98	1/2	1,412.39	1/2	1,055.80	1/2	699.20	1/2	341.94	1/2	22.03	1/2		1/2	
3/4	2,474.74	3/4	2,118.14	3/4	1,761.55	3/4	1,404.96	3/4	1,048.37	3/4	691.77	3/4	334.71	3/4	18.62	3/4		3/4	
5	2,467.31	5	2,110.72	5	1,754.13	5	1,397.53	5	1,040.94	5	684.35	5	327.47	5	15.22	5		5	
1/4	2,459.88	1/4	2,103.29	1/4	1,746.70	1/4	1,390.10	1/4	1,033.51	1/4	676.92	1/4	320.24	1/4	11.81	1/4		1/4	
1/2	2,452.45	1/2	2,095.86	1/2	1,739.27	1/2	1,382.67	1/2	1,026.08	1/2	669.49	1/2	313.00	1/2	8.40	1/2		1/2	
3/4	2,445.02	3/4	2,088.43	3/4	1,731.84	3/4	1,375.24	3/4	1,018.65	3/4	662.06	3/4	305.80	3/4	6.69	3/4		3/4	
6	2,437.59	6	2,081.00	6	1,724.41	6	1,367.82	6	1,011.22	6	654.63	6	298.60	6	4.98	6		6	
1/4	2,430.16	1/4	2,073.57	1/4	1,716.98	1/4	1,360.39	1/4	1,003.79	1/4	647.20	1/4	291.39	1/4	3.27	1/4		1/4	
1/2	2,422.73	1/2	2,066.14	1/2	1,709.55	1/2	1,352.96	1/2	996.36	1/2	639.77	1/2	284.19	1/2	1.56	1/2		1/2	
3/4	2,415.30	3/4	2,058.71	3/4	1,702.12	3/4	1,345.53	3/4	988.93	3/4	632.34	3/4	277.08	3/4		3/4		3/4	
7	2,407.88	7	2,051.29	7	1,694.69	7	1,338.10	7	981.51	7	624.92	7	269.98	7		7		7	
1/4	2,400.45	1/4	2,043.86	1/4	1,687.26	1/4	1,330.67	1/4	974.08	1/4	617.49	1/4	262.87	1/4		1/4		1/4	
1/2	2,393.02	1/2	2,036.43	1/2	1,679.83	1/2	1,323.24	1/2	966.65	1/2	610.06	1/2	255.76	1/2		1/2		1/2	
3/4	2,385.59	3/4	2,029.00	3/4	1,672.40	3/4	1,315.81	3/4	959.22	3/4	602.63	3/4	248.68	3/4		3/4		3/4	
8	2,378.16	8	2,021.57	8	1,664.98	8	1,308.39	8	951.79	8	595.20	8	241.61	8		8		8	
1/4	2,370.73	1/4	2,014.14	1/4	1,657.55	1/4	1,300.96	1/4	944.36	1/4	587.77	1/4	234.53	1/4		1/4		1/4	
1/2	2,363.30	1/2	2,006.71	1/2	1,650.12	1/2	1,293.53	1/2	936.93	1/2	580.34	1/2	227.45	1/2		1/2		1/2	
3/4	2,355.87	3/4	1,999.28	3/4	1,642.69	3/4	1,286.10	3/4	929.50	3/4	572.91	3/4	220.47	3/4		3/4		3/4	
9	2,348.45	9	1,991.85	9	1,635.26	9	1,278.67	9	922.08	9	565.49	9	213.49	9		9		9	
1/4	2,341.02	1/4	1,984.42	1/4	1,627.83	1/4	1,271.24	1/4	914.65	1/4	558.06	1/4	206.50	1/4		1/4		1/4	
1/2	2,333.59	1/2	1,976.99	1/2	1,620.40	1/2	1,263.81	1/2	907.22	1/2	550.63	1/2	199.52	1/2		1/2		1/2	
3/4	2,326.16	3/4	1,969.56	3/4	1,612.97	3/4	1,256.38	3/4	899.79	3/4	543.20	3/4	192.57	3/4		3/4		3/4	
10	2,318.73	10	1,962.14	10	1,605.55	10	1,248.95	10	892.36	10	535.77	10	185.62	10		10		10	
1/4	2,311.30	1/4	1,954.71	1/4	1,598.12	1/4	1,241.52	1/4	884.93	1/4	528.34	1/4	178.66	1/4		1/4		1/4	
1/2	2,303.87	1/2	1,947.28	1/2	1,590.69	1/2	1,234.09	1/2	877.50	1/2	520.91	1/2	171.71	1/2		1/2		1/2	
3/4	2,296.44	3/4	1,939.85	3/4	1,583.26	3/4	1,226.66	3/4	870.07	3/4	513.37	3/4	165.03	3/4		3/4		3/4	
11	2,289.01	11	1,932.42	11	1,575.83	11	1,219.24	11	862.64	11	505.83	11	158.36	11		11		11	
1/4	2,281.58	1/4	1,924.99	1/4	1,568.40	1/4	1,211.81	1/4	855.21	1/4	498.29	1/4	151.68	1/4		1/4		1/4	
1/2	2,274.15	1/2	1,917.56	1/2	1,560.97	1/2	1,204.38	1/2	847.78	1/2	490.75	1/2	145.00	1/2		1/2		1/2	
3/4	2,266.72	3/4	1,910.13	3/4	1,553.54	3/4	1,196.95	3/4	840.35	3/4	483.17	3/4	138.42	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2011 INSP.

REPRINTED: 05/05/2018

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

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



BARGE "HTCO 3082

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,098.26	0	4,781.88	0	4,425.75	0	4,065.17	0	3,704.59	0	3,344.02	0	2,983.44
1/4		1/4		1/4		1/4	5,095.07	1/4	4,774.74	1/4	4,418.24	1/4	4,057.66	1/4	3,697.08	1/4	3,336.51	1/4	2,975.93
1/2		1/2		1/2		1/2	5,090.81	1/2	4,767.60	1/2	4,410.73	1/2	4,050.15	1/2	3,689.57	1/2	3,329.00	1/2	2,968.42
3/4		3/4		3/4		3/4	5,086.55	3/4	4,760.46	3/4	4,403.22	3/4	4,042.64	3/4	3,682.06	3/4	3,321.49	3/4	2,960.91
1		1		1		1	5,082.29	1	4,753.31	1	4,395.70	1	4,035.12	1	3,674.55	1	3,313.97	1	2,953.39
1/4		1/4		1/4		1/4	5,078.03	1/4	4,746.17	1/4	4,388.19	1/4	4,027.61	1/4	3,667.04	1/4	3,306.46	1/4	2,945.88
1/2		1/2		1/2		1/2	5,072.71	1/2	4,739.03	1/2	4,380.68	1/2	4,020.12	1/2	3,659.53	1/2	3,298.95	1/2	2,938.37
3/4		3/4		3/4		3/4	5,067.38	3/4	4,731.89	3/4	4,373.17	3/4	4,012.64	3/4	3,652.02	3/4	3,291.44	3/4	2,930.86
2		2		2		2	5,062.06	2	4,724.75	2	4,365.65	2	4,005.15	2	3,644.50	2	3,283.92	2	2,923.35
1/4		1/4		1/4		1/4	5,056.73	1/4	4,717.61	1/4	4,358.14	1/4	3,997.66	1/4	3,636.99	1/4	3,276.41	1/4	2,915.84
1/2		1/2		1/2		1/2	5,050.38	1/2	4,710.38	1/2	4,350.63	1/2	3,990.13	1/2	3,629.48	1/2	3,268.65	1/2	2,908.33
3/4		3/4		3/4		3/4	5,044.03	3/4	4,703.14	3/4	4,343.12	3/4	3,982.59	3/4	3,621.97	3/4	3,260.89	3/4	2,900.82
3		3		3		3	5,037.67	3	4,695.91	3	4,335.60	3	3,975.06	3	3,614.45	3	3,253.12	3	2,893.30
1/4		1/4		1/4		1/4	5,031.32	1/4	4,688.67	1/4	4,328.09	1/4	3,967.52	1/4	3,606.94	1/4	3,245.36	1/4	2,885.79
1/2		1/2		1/2		1/2	5,024.31	1/2	4,681.16	1/2	4,320.58	1/2	3,960.01	1/2	3,599.43	1/2	3,238.10	1/2	2,878.28
3/4		3/4		3/4		3/4	5,017.31	3/4	4,673.65	3/4	4,313.07	3/4	3,952.50	3/4	3,591.92	3/4	3,230.84	3/4	2,870.77
4		4		4		4	5,010.30	4	4,666.13	4	4,305.55	4	3,944.98	4	3,584.40	4	3,223.58	4	2,863.25
1/4		1/4		1/4		1/4	5,003.29	1/4	4,658.62	1/4	4,298.04	1/4	3,937.47	1/4	3,576.89	1/4	3,216.32	1/4	2,855.74
1/2		1/2		1/2		1/2	4,996.15	1/2	4,651.11	1/2	4,290.53	1/2	3,929.96	1/2	3,569.38	1/2	3,208.81	1/2	2,848.23
3/4		3/4		3/4		3/4	4,989.01	3/4	4,643.60	3/4	4,283.02	3/4	3,922.45	3/4	3,561.87	3/4	3,201.30	3/4	2,840.72
5		5		5		5	4,981.86	5	4,636.08	5	4,275.51	5	3,914.93	5	3,554.35	5	3,193.78	5	2,833.20
1/4		1/4		1/4		1/4	4,974.72	1/4	4,628.57	1/4	4,268.00	1/4	3,907.42	1/4	3,546.84	1/4	3,186.27	1/4	2,825.69
1/2		1/2		1/2		1/2	4,967.58	1/2	4,621.06	1/2	4,260.49	1/2	3,899.91	1/2	3,539.33	1/2	3,178.76	1/2	2,818.18
3/4		3/4		3/4		3/4	4,960.44	3/4	4,613.55	3/4	4,252.98	3/4	3,892.40	3/4	3,531.82	3/4	3,171.25	3/4	2,810.67
6		6		6		6	4,953.29	6	4,606.03	6	4,245.46	6	3,884.88	6	3,524.31	6	3,163.73	6	2,803.15
1/4		1/4		1/4		1/4	4,946.15	1/4	4,598.52	1/4	4,237.95	1/4	3,877.37	1/4	3,516.80	1/4	3,156.22	1/4	2,795.64
1/2		1/2		1/2		1/2	4,939.01	1/2	4,591.01	1/2	4,230.44	1/2	3,869.86	1/2	3,509.04	1/2	3,148.71	1/2	2,788.13
3/4		3/4		3/4		3/4	4,931.87	3/4	4,583.50	3/4	4,222.93	3/4	3,862.35	3/4	3,501.28	3/4	3,141.20	3/4	2,780.62
7		7		7		7	4,924.72	7	4,575.99	7	4,215.41	7	3,854.83	7	3,493.51	7	3,133.68	7	2,773.11
1/4		1/4		1/4		1/4	4,917.58	1/4	4,568.48	1/4	4,207.90	1/4	3,847.32	1/4	3,485.75	1/4	3,126.17	1/4	2,765.60
1/2		1/2		1/2		1/2	4,910.44	1/2	4,560.97	1/2	4,200.39	1/2	3,839.81	1/2	3,478.49	1/2	3,118.66	1/2	2,758.09
3/4		3/4		3/4		3/4	4,903.30	3/4	4,553.46	3/4	4,192.88	3/4	3,832.29	3/4	3,471.23	3/4	3,111.15	3/4	2,750.58
8		8		8		8	4,896.15	8	4,545.94	8	4,185.36	8	3,824.78	8	3,463.96	8	3,103.63	8	2,743.06
1/4		1/4		1/4		1/4	4,889.01	1/4	4,538.43	1/4	4,177.85	1/4	3,817.26	1/4	3,456.70	1/4	3,096.12	1/4	2,735.55
1/2		1/2		1/2		1/2	4,881.87	1/2	4,530.92	1/2	4,170.34	1/2	3,809.75	1/2	3,449.19	1/2	3,088.61	1/2	2,728.04
3/4		3/4		3/4	5,121.53	3/4	4,874.73	3/4	4,523.41	3/4	4,162.83	3/4	3,802.25	3/4	3,441.68	3/4	3,081.10	3/4	2,720.53
9		9		9	5,121.13	9	4,867.59	9	4,515.89	9	4,155.31	9	3,794.74	9	3,434.16	9	3,073.59	9	2,713.01
1/4		1/4		1/4	5,120.73	1/4	4,860.45	1/4	4,508.38	1/4	4,147.80	1/4	3,787.23	1/4	3,426.65	1/4	3,066.08	1/4	2,705.50
1/2		1/2		1/2	5,119.64	1/2	4,853.31	1/2	4,500.87	1/2	4,140.29	1/2	3,779.72	1/2	3,419.14	1/2	3,058.57	1/2	2,697.99
3/4		3/4		3/4	5,118.54	3/4	4,846.17	3/4	4,493.36	3/4	4,132.78	3/4	3,772.21	3/4	3,411.63	3/4	3,051.06	3/4	2,690.48
10		10		10	5,117.45	10	4,839.02	10	4,485.84	10	4,125.27	10	3,764.69	10	3,404.11	10	3,043.54	10	2,682.96
1/4		1/4		1/4	5,116.35	1/4	4,831.88	1/4	4,478.33	1/4	4,117.76	1/4	3,757.18	1/4	3,396.60	1/4	3,036.03	1/4	2,675.45
1/2		1/2		1/2	5,114.22	1/2	4,824.74	1/2	4,470.82	1/2	4,110.25	1/2	3,749.67	1/2	3,389.09	1/2	3,028.52	1/2	2,667.94
3/4		3/4		3/4	5,112.10	3/4	4,817.60	3/4	4,463.31	3/4	4,102.74	3/4	3,742.16	3/4	3,381.58	3/4	3,021.01	3/4	2,660.43
11		11		11	5,109.97	11	4,810.45	11	4,455.79	11	4,095.22	11	3,734.64	11	3,374.07	11	3,013.49	11	2,652.91
1/4		1/4		1/4	5,107.84	1/4	4,803.31	1/4	4,448.28	1/4	4,087.71	1/4	3,727.13	1/4	3,366.56	1/4	3,005.98	1/4	2,645.40
1/2		1/2		1/2	5,104.65	1/2	4,796.17	1/2	4,440.77	1/2	4,080.20	1/2	3,719.62	1/2	3,359.05	1/2	2,998.47	1/2	2,637.89
3/4		3/4		3/4	5,101.46	3/4	4,789.03	3/4	4,433.26	3/4	4,072.69	3/4	3,712.11	3/4	3,351.54	3/4	2,990.96	3/4	2,630.38

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.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO (TOP LIP OF 2" BALL VALVE)

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



BARGE "HTCO 3082"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,622.87	0	2,262.29	0	1,901.71	0	1,541.14	0	1,180.56	0	819.99	0	459.41	0	104.62	0		0	
1/4	2,615.36	1/4	2,254.78	1/4	1,894.20	1/4	1,533.63	1/4	1,173.05	1/4	812.48	1/4	451.90	1/4	97.68	1/4		1/4	
1/2	2,607.85	1/2	2,247.27	1/2	1,886.69	1/2	1,526.12	1/2	1,165.54	1/2	804.97	1/2	444.39	1/2	90.75	1/2		1/2	
3/4	2,600.34	3/4	2,239.76	3/4	1,879.18	3/4	1,518.61	3/4	1,158.03	3/4	797.46	3/4	436.88	3/4	83.82	3/4		3/4	
1	2,592.82	1	2,232.24	1	1,871.67	1	1,511.09	1	1,150.51	1	789.94	1	429.36	1	76.88	1		1	
1/4	2,585.31	1/4	2,224.73	1/4	1,864.16	1/4	1,503.58	1/4	1,143.00	1/4	782.43	1/4	421.85	1/4	69.95	1/4		1/4	
1/2	2,577.80	1/2	2,217.22	1/2	1,856.65	1/2	1,496.07	1/2	1,135.49	1/2	774.92	1/2	414.34	1/2	63.14	1/2		1/2	
3/4	2,570.29	3/4	2,209.71	3/4	1,849.14	3/4	1,488.56	3/4	1,127.98	3/4	767.41	3/4	406.83	3/4	56.33	3/4		3/4	
2	2,562.77	2	2,202.19	2	1,841.62	2	1,481.04	2	1,120.47	2	759.89	2	399.31	2	49.52	2		2	
1/4	2,555.26	1/4	2,194.68	1/4	1,834.11	1/4	1,473.53	1/4	1,112.96	1/4	752.38	1/4	391.80	1/4	42.71	1/4		1/4	
1/2	2,547.75	1/2	2,187.17	1/2	1,826.60	1/2	1,466.02	1/2	1,105.45	1/2	744.87	1/2	384.29	1/2	37.43	1/2		1/2	
3/4	2,540.24	3/4	2,179.66	3/4	1,819.09	3/4	1,458.51	3/4	1,097.94	3/4	737.36	3/4	376.78	3/4	32.15	3/4		3/4	
3	2,532.72	3	2,172.15	3	1,811.57	3	1,450.99	3	1,090.42	3	729.84	3	369.27	3	26.87	3		3	
1/4	2,525.21	1/4	2,164.64	1/4	1,804.06	1/4	1,443.48	1/4	1,082.91	1/4	722.33	1/4	361.76	1/4	21.59	1/4		1/4	
1/2	2,517.70	1/2	2,157.13	1/2	1,796.55	1/2	1,435.97	1/2	1,075.40	1/2	714.82	1/2	354.25	1/2	18.06	1/2		1/2	
3/4	2,510.19	3/4	2,149.62	3/4	1,789.04	3/4	1,428.46	3/4	1,067.89	3/4	707.31	3/4	346.74	3/4	14.53	3/4		3/4	
4	2,502.67	4	2,142.10	4	1,781.52	4	1,420.95	4	1,060.37	4	699.79	4	339.22	4	10.99	4		4	
1/4	2,495.16	1/4	2,134.59	1/4	1,774.01	1/4	1,413.44	1/4	1,052.86	1/4	692.28	1/4	331.71	1/4	7.46	1/4		1/4	
1/2	2,487.65	1/2	2,127.08	1/2	1,766.50	1/2	1,405.93	1/2	1,045.35	1/2	684.77	1/2	324.20	1/2	5.92	1/2		1/2	
3/4	2,480.14	3/4	2,119.57	3/4	1,758.99	3/4	1,398.42	3/4	1,037.84	3/4	677.26	3/4	316.69	3/4	4.38	3/4		3/4	
5	2,472.63	5	2,112.05	5	1,751.47	5	1,390.90	5	1,030.32	5	669.75	5	309.17	5	2.84	5		5	
1/4	2,465.12	1/4	2,104.54	1/4	1,743.96	1/4	1,383.39	1/4	1,022.81	1/4	662.24	1/4	301.66	1/4	1.30	1/4		1/4	
1/2	2,457.61	1/2	2,097.03	1/2	1,736.45	1/2	1,375.88	1/2	1,015.30	1/2	654.73	1/2	294.15	1/2		1/2		1/2	
3/4	2,450.10	3/4	2,089.52	3/4	1,728.94	3/4	1,368.37	3/4	1,007.79	3/4	647.22	3/4	286.64	3/4		3/4		3/4	
6	2,442.58	6	2,082.00	6	1,721.43	6	1,360.85	6	1,000.27	6	639.70	6	279.12	6		6		6	
1/4	2,435.07	1/4	2,074.49	1/4	1,713.92	1/4	1,353.34	1/4	992.76	1/4	632.19	1/4	271.61	1/4		1/4		1/4	
1/2	2,427.56	1/2	2,066.98	1/2	1,706.41	1/2	1,345.83	1/2	985.25	1/2	624.68	1/2	264.10	1/2		1/2		1/2	
3/4	2,420.05	3/4	2,059.47	3/4	1,698.90	3/4	1,338.32	3/4	977.74	3/4	617.17	3/4	256.59	3/4		3/4		3/4	
7	2,412.53	7	2,051.95	7	1,691.38	7	1,330.80	7	970.23	7	609.65	7	249.07	7		7		7	
1/4	2,405.02	1/4	2,044.44	1/4	1,683.87	1/4	1,323.29	1/4	962.72	1/4	602.14	1/4	241.56	1/4		1/4		1/4	
1/2	2,397.51	1/2	2,036.93	1/2	1,676.36	1/2	1,315.78	1/2	955.21	1/2	594.63	1/2	234.05	1/2		1/2		1/2	
3/4	2,390.00	3/4	2,029.42	3/4	1,668.85	3/4	1,308.27	3/4	947.70	3/4	587.12	3/4	226.54	3/4		3/4		3/4	
8	2,382.48	8	2,021.91	8	1,661.33	8	1,300.75	8	940.18	8	579.60	8	219.03	8		8		8	
1/4	2,374.97	1/4	2,014.40	1/4	1,653.82	1/4	1,293.24	1/4	932.67	1/4	572.09	1/4	211.52	1/4		1/4		1/4	
1/2	2,367.46	1/2	2,006.89	1/2	1,646.31	1/2	1,285.73	1/2	925.16	1/2	564.58	1/2	204.01	1/2		1/2		1/2	
3/4	2,359.95	3/4	1,999.38	3/4	1,638.80	3/4	1,278.22	3/4	917.65	3/4	557.07	3/4	196.50	3/4		3/4		3/4	
9	2,352.43	9	1,991.86	9	1,631.28	9	1,270.71	9	910.13	9	549.55	9	188.98	9		9		9	
1/4	2,344.92	1/4	1,984.35	1/4	1,623.77	1/4	1,263.20	1/4	902.62	1/4	542.04	1/4	181.47	1/4		1/4		1/4	
1/2	2,337.41	1/2	1,976.84	1/2	1,616.26	1/2	1,255.69	1/2	895.11	1/2	534.53	1/2	174.39	1/2		1/2		1/2	
3/4	2,329.90	3/4	1,969.33	3/4	1,608.75	3/4	1,248.18	3/4	887.60	3/4	527.02	3/4	167.31	3/4		3/4		3/4	
10	2,322.39	10	1,961.81	10	1,601.23	10	1,240.66	10	880.08	10	519.51	10	160.23	10		10		10	
1/4	2,314.88	1/4	1,954.30	1/4	1,593.72	1/4	1,233.15	1/4	872.57	1/4	512.00	1/4	153.15	1/4		1/4		1/4	
1/2	2,307.37	1/2	1,946.79	1/2	1,586.21	1/2	1,225.64	1/2	865.06	1/2	504.49	1/2	146.22	1/2		1/2		1/2	
3/4	2,299.86	3/4	1,939.28	3/4	1,578.70	3/4	1,218.13	3/4	857.55	3/4	496.98	3/4	139.29	3/4		3/4		3/4	
11	2,292.34	11	1,931.76	11	1,571.19	11	1,210.61	11	850.03	11	489.46	11	132.35	11		11		11	
1/4	2,284.83	1/4	1,924.25	1/4	1,563.68	1/4	1,203.10	1/4	842.52	1/4	481.95	1/4	125.42	1/4		1/4		1/4	
1/2	2,277.32	1/2	1,916.74	1/2	1,556.17	1/2	1,195.59	1/2	835.01	1/2	474.44	1/2	118.49	1/2		1/2		1/2	
3/4	2,269.81	3/4	1,909.23	3/4	1,548.66	3/4	1,188.08	3/4	827.50	3/4	466.93	3/4	111.55	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2011 INSP.

REPRINTED: 05/05/2018

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

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



BARGE "HTCO 3082

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	1	IN	2	IN	3	IN	4	IN	5	IN	6	IN	7	IN	8	IN	9
	0		0		0		0		0		0		0		0		0		0
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,121.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9	5,121.13	9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10	5,117.45	10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11	5,109.97	11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO (TOP LIP OF 2" BALL VALVE)

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



BARGE "HTCO 3082"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,622.87	0	2,262.29	0	1,901.71	0	1,541.14	0	1,180.56	0	819.99	0	459.41	0	104.62	0		0	
1/4	2,615.36	1/4	2,254.78	1/4	1,894.20	1/4	1,533.63	1/4	1,173.05	1/4	812.48	1/4	451.90	1/4	97.68	1/4		1/4	
1/2	2,607.85	1/2	2,247.27	1/2	1,886.69	1/2	1,526.12	1/2	1,165.54	1/2	804.97	1/2	444.39	1/2	90.75	1/2		1/2	
3/4	2,600.34	3/4	2,239.76	3/4	1,879.18	3/4	1,518.61	3/4	1,158.03	3/4	797.46	3/4	436.88	3/4	83.82	3/4		3/4	
1	2,592.82	1	2,232.24	1	1,871.67	1	1,511.09	1	1,150.51	1	789.94	1	429.36	1	76.88	1		1	
1/4	2,585.31	1/4	2,224.73	1/4	1,864.16	1/4	1,503.58	1/4	1,143.00	1/4	782.43	1/4	421.85	1/4	69.95	1/4		1/4	
1/2	2,577.80	1/2	2,217.22	1/2	1,856.65	1/2	1,496.07	1/2	1,135.49	1/2	774.92	1/2	414.34	1/2	63.14	1/2		1/2	
3/4	2,570.29	3/4	2,209.71	3/4	1,849.14	3/4	1,488.56	3/4	1,127.98	3/4	767.41	3/4	406.83	3/4	56.33	3/4		3/4	
2	2,562.77	2	2,202.19	2	1,841.62	2	1,481.04	2	1,120.47	2	759.89	2	399.31	2	49.52	2		2	
1/4	2,555.26	1/4	2,194.68	1/4	1,834.11	1/4	1,473.53	1/4	1,112.96	1/4	752.38	1/4	391.80	1/4	42.71	1/4		1/4	
1/2	2,547.75	1/2	2,187.17	1/2	1,826.60	1/2	1,466.02	1/2	1,105.45	1/2	744.87	1/2	384.29	1/2	37.43	1/2		1/2	
3/4	2,540.24	3/4	2,179.66	3/4	1,819.09	3/4	1,458.51	3/4	1,097.94	3/4	737.36	3/4	376.78	3/4	32.15	3/4		3/4	
3	2,532.72	3	2,172.15	3	1,811.57	3	1,450.99	3	1,090.42	3	729.84	3	369.27	3	26.87	3		3	
1/4	2,525.21	1/4	2,164.64	1/4	1,804.06	1/4	1,443.48	1/4	1,082.91	1/4	722.33	1/4	361.76	1/4	21.59	1/4		1/4	
1/2	2,517.70	1/2	2,157.13	1/2	1,796.55	1/2	1,435.97	1/2	1,075.40	1/2	714.82	1/2	354.25	1/2	18.06	1/2		1/2	
3/4	2,510.19	3/4	2,149.62	3/4	1,789.04	3/4	1,428.46	3/4	1,067.89	3/4	707.31	3/4	346.74	3/4	14.53	3/4		3/4	
4	2,502.67	4	2,142.10	4	1,781.52	4	1,420.95	4	1,060.37	4	699.79	4	339.22	4	10.99	4		4	
1/4	2,495.16	1/4	2,134.59	1/4	1,774.01	1/4	1,413.44	1/4	1,052.86	1/4	692.28	1/4	331.71	1/4	7.46	1/4		1/4	
1/2	2,487.65	1/2	2,127.08	1/2	1,766.50	1/2	1,405.93	1/2	1,045.35	1/2	684.77	1/2	324.20	1/2	5.92	1/2		1/2	
3/4	2,480.14	3/4	2,119.57	3/4	1,758.99	3/4	1,398.42	3/4	1,037.84	3/4	677.26	3/4	316.69	3/4	4.38	3/4		3/4	
5	2,472.63	5	2,112.05	5	1,751.47	5	1,390.90	5	1,030.32	5	669.75	5	309.17	5	2.84	5		5	
1/4	2,465.12	1/4	2,104.54	1/4	1,743.96	1/4	1,383.39	1/4	1,022.81	1/4	662.24	1/4	301.66	1/4	1.30	1/4		1/4	
1/2	2,457.61	1/2	2,097.03	1/2	1,736.45	1/2	1,375.88	1/2	1,015.30	1/2	654.73	1/2	294.15	1/2		1/2		1/2	
3/4	2,450.10	3/4	2,089.52	3/4	1,728.94	3/4	1,368.37	3/4	1,007.79	3/4	647.22	3/4	286.64	3/4		3/4		3/4	
6	2,442.58	6	2,082.00	6	1,721.43	6	1,360.85	6	1,000.27	6	639.70	6	279.12	6		6		6	
1/4	2,435.07	1/4	2,074.49	1/4	1,713.92	1/4	1,353.34	1/4	992.76	1/4	632.19	1/4	271.61	1/4		1/4		1/4	
1/2	2,427.56	1/2	2,066.98	1/2	1,706.41	1/2	1,345.83	1/2	985.25	1/2	624.68	1/2	264.10	1/2		1/2		1/2	
3/4	2,420.05	3/4	2,059.47	3/4	1,698.90	3/4	1,338.32	3/4	977.74	3/4	617.17	3/4	256.59	3/4		3/4		3/4	
7	2,412.53	7	2,051.95	7	1,691.38	7	1,330.80	7	970.23	7	609.65	7	249.07	7		7		7	
1/4	2,405.02	1/4	2,044.44	1/4	1,683.87	1/4	1,323.29	1/4	962.72	1/4	602.14	1/4	241.56	1/4		1/4		1/4	
1/2	2,397.51	1/2	2,036.93	1/2	1,676.36	1/2	1,315.78	1/2	955.21	1/2	594.63	1/2	234.05	1/2		1/2		1/2	
3/4	2,390.00	3/4	2,029.42	3/4	1,668.85	3/4	1,308.27	3/4	947.70	3/4	587.12	3/4	226.54	3/4		3/4		3/4	
8	2,382.48	8	2,021.91	8	1,661.33	8	1,300.75	8	940.18	8	579.60	8	219.03	8		8		8	
1/4	2,374.97	1/4	2,014.40	1/4	1,653.82	1/4	1,293.24	1/4	932.67	1/4	572.09	1/4	211.52	1/4		1/4		1/4	
1/2	2,367.46	1/2	2,006.89	1/2	1,646.31	1/2	1,285.73	1/2	925.16	1/2	564.58	1/2	204.01	1/2		1/2		1/2	
3/4	2,359.95	3/4	1,999.38	3/4	1,638.80	3/4	1,278.22	3/4	917.65	3/4	557.07	3/4	196.50	3/4		3/4		3/4	
9	2,352.43	9	1,991.86	9	1,631.28	9	1,270.71	9	910.13	9	549.55	9	188.98	9		9		9	
1/4	2,344.92	1/4	1,984.35	1/4	1,623.77	1/4	1,263.20	1/4	902.62	1/4	542.04	1/4	181.47	1/4		1/4		1/4	
1/2	2,337.41	1/2	1,976.84	1/2	1,616.26	1/2	1,255.69	1/2	895.11	1/2	534.53	1/2	174.39	1/2		1/2		1/2	
3/4	2,329.90	3/4	1,969.33	3/4	1,608.75	3/4	1,248.18	3/4	887.60	3/4	527.02	3/4	167.31	3/4		3/4		3/4	
10	2,322.39	10	1,961.81	10	1,601.23	10	1,240.66	10	880.08	10	519.51	10	160.23	10		10		10	
1/4	2,314.88	1/4	1,954.30	1/4	1,593.72	1/4	1,233.15	1/4	872.57	1/4	512.00	1/4	153.15	1/4		1/4		1/4	
1/2	2,307.37	1/2	1,946.79	1/2	1,586.21	1/2	1,225.64	1/2	865.06	1/2	504.49	1/2	146.22	1/2		1/2		1/2	
3/4	2,299.86	3/4	1,939.28	3/4	1,578.70	3/4	1,218.13	3/4	857.55	3/4	496.98	3/4	139.29	3/4		3/4		3/4	
11	2,292.34	11	1,931.76	11	1,571.19	11	1,210.61	11	850.03	11	489.46	11	132.35	11		11		11	
1/4	2,284.83	1/4	1,924.25	1/4	1,563.68	1/4	1,203.10	1/4	842.52	1/4	481.95	1/4	125.42	1/4		1/4		1/4	
1/2	2,277.32	1/2	1,916.74	1/2	1,556.17	1/2	1,195.59	1/2	835.01	1/2	474.44	1/2	118.49	1/2		1/2		1/2	
3/4	2,269.81	3/4	1,909.23	3/4	1,548.66	3/4	1,188.08	3/4	827.50	3/4	466.93	3/4	111.55	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2011 INSP.

REPRINTED: 05/05/2018

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

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



BARGE "HTCO 3082

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-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		0		0	4,682.60	0	4,451.69	0	4,198.06	0	3,944.44	0	3,690.80	0	3,387.43	0	3,024.45
1/4		1/4		1/4		1/4	4,680.25	1/4	4,446.41	1/4	4,192.78	1/4	3,939.16	1/4	3,685.51	1/4	3,379.86	1/4	3,016.88
1/2		1/2		1/2		1/2	4,677.90	1/2	4,441.12	1/2	4,187.49	1/2	3,933.88	1/2	3,680.23	1/2	3,372.30	1/2	3,009.32
3/4		3/4		3/4		3/4	4,674.77	3/4	4,435.84	3/4	4,182.21	3/4	3,928.59	3/4	3,674.95	3/4	3,364.74	3/4	3,001.76
1		1		1		1	4,671.64	1	4,430.56	1	4,176.93	1	3,923.30	1	3,669.66	1	3,357.18	1	2,994.20
1/4		1/4		1/4		1/4	4,668.51	1/4	4,425.27	1/4	4,171.64	1/4	3,918.01	1/4	3,664.38	1/4	3,349.61	1/4	2,986.64
1/2		1/2		1/2		1/2	4,665.38	1/2	4,419.99	1/2	4,166.36	1/2	3,912.72	1/2	3,659.09	1/2	3,342.05	1/2	2,979.08
3/4		3/4		3/4		3/4	4,661.47	3/4	4,414.71	3/4	4,161.08	3/4	3,907.44	3/4	3,653.81	3/4	3,334.49	3/4	2,971.52
2		2		2		2	4,657.56	2	4,409.42	2	4,155.79	2	3,902.16	2	3,648.53	2	3,326.93	2	2,963.96
1/4		1/4		1/4		1/4	4,653.65	1/4	4,404.14	1/4	4,150.51	1/4	3,896.87	1/4	3,643.24	1/4	3,319.36	1/4	2,956.39
1/2		1/2		1/2		1/2	4,649.74	1/2	4,398.85	1/2	4,145.22	1/2	3,891.59	1/2	3,637.96	1/2	3,311.80	1/2	2,948.83
3/4		3/4		3/4		3/4	4,645.04	3/4	4,393.57	3/4	4,139.94	3/4	3,886.31	3/4	3,632.64	3/4	3,304.24	3/4	2,941.27
3		3		3		3	4,640.35	3	4,388.29	3	4,134.65	3	3,881.02	3	3,627.33	3	3,296.68	3	2,933.71
1/4		1/4		1/4		1/4	4,635.65	1/4	4,383.00	1/4	4,129.37	1/4	3,875.74	1/4	3,622.01	1/4	3,289.12	1/4	2,926.14
1/2		1/2		1/2		1/2	4,630.95	1/2	4,377.72	1/2	4,124.08	1/2	3,870.45	1/2	3,616.69	1/2	3,281.56	1/2	2,918.58
3/4		3/4		3/4		3/4	4,625.77	3/4	4,372.44	3/4	4,118.80	3/4	3,865.17	3/4	3,611.13	3/4	3,274.00	3/4	2,911.02
4		4		4		4	4,620.58	4	4,367.15	4	4,113.52	4	3,859.89	4	3,605.57	4	3,266.44	4	2,903.46
1/4		1/4		1/4		1/4	4,615.40	1/4	4,361.87	1/4	4,108.23	1/4	3,854.60	1/4	3,600.00	1/4	3,258.87	1/4	2,895.89
1/2		1/2		1/2		1/2	4,610.21	1/2	4,356.58	1/2	4,102.95	1/2	3,849.32	1/2	3,594.44	1/2	3,251.31	1/2	2,888.33
3/4		3/4		3/4		3/4	4,604.93	3/4	4,351.30	3/4	4,097.67	3/4	3,844.04	3/4	3,588.55	3/4	3,243.75	3/4	2,880.77
5		5		5		5	4,599.65	5	4,346.01	5	4,092.38	5	3,838.75	5	3,582.66	5	3,236.19	5	2,873.21
1/4		1/4		1/4		1/4	4,594.36	1/4	4,340.73	1/4	4,087.10	1/4	3,833.47	1/4	3,576.77	1/4	3,228.62	1/4	2,865.64
1/2		1/2		1/2		1/2	4,589.08	1/2	4,335.44	1/2	4,081.81	1/2	3,828.18	1/2	3,570.88	1/2	3,221.06	1/2	2,858.08
3/4		3/4		3/4		3/4	4,583.80	3/4	4,330.16	3/4	4,076.53	3/4	3,822.90	3/4	3,564.65	3/4	3,213.50	3/4	2,850.52
6		6		6		6	4,578.51	6	4,324.88	6	4,071.25	6	3,817.61	6	3,558.41	6	3,205.94	6	2,842.96
1/4		1/4		1/4		1/4	4,573.23	1/4	4,319.59	1/4	4,065.96	1/4	3,812.33	1/4	3,552.18	1/4	3,198.37	1/4	2,835.40
1/2		1/2		1/2		1/2	4,567.94	1/2	4,314.31	1/2	4,060.68	1/2	3,807.04	1/2	3,545.94	1/2	3,190.81	1/2	2,827.84
3/4		3/4		3/4		3/4	4,562.66	3/4	4,309.03	3/4	4,055.40	3/4	3,801.76	3/4	3,539.36	3/4	3,183.25	3/4	2,820.28
7		7		7		7	4,557.37	7	4,303.74	7	4,050.11	7	3,796.48	7	3,532.78	7	3,175.69	7	2,812.72
1/4		1/4		1/4		1/4	4,552.09	1/4	4,298.46	1/4	4,044.83	1/4	3,791.19	1/4	3,526.20	1/4	3,168.12	1/4	2,805.15
1/2		1/2		1/2		1/2	4,546.80	1/2	4,293.17	1/2	4,039.54	1/2	3,785.91	1/2	3,519.62	1/2	3,160.56	1/2	2,797.59
3/4		3/4		3/4		3/4	4,541.52	3/4	4,287.89	3/4	4,034.26	3/4	3,780.63	3/4	3,512.69	3/4	3,153.00	3/4	2,790.03
8		8		8		8	4,536.24	8	4,282.61	8	4,028.97	8	3,775.34	8	3,505.77	8	3,145.44	8	2,782.47
1/4		1/4		1/4		1/4	4,530.95	1/4	4,277.32	1/4	4,023.69	1/4	3,770.06	1/4	3,498.84	1/4	3,137.88	1/4	2,774.90
1/2		1/2		1/2		1/2	4,525.67	1/2	4,272.04	1/2	4,018.40	1/2	3,764.77	1/2	3,491.91	1/2	3,130.32	1/2	2,767.34
3/4		3/4		3/4		3/4	4,520.39	3/4	4,266.76	3/4	4,013.12	3/4	3,759.49	3/4	3,484.64	3/4	3,122.76	3/4	2,759.78
9		9		9	4,697.34	9	4,515.10	9	4,261.47	9	4,007.84	9	3,754.21	9	3,477.36	9	3,115.20	9	2,752.22
1/4		1/4		1/4	4,697.05	1/4	4,509.82	1/4	4,256.19	1/4	4,002.55	1/4	3,748.92	1/4	3,470.09	1/4	3,107.63	1/4	2,744.65
1/2		1/2		1/2	4,696.76	1/2	4,504.53	1/2	4,250.90	1/2	3,997.27	1/2	3,743.64	1/2	3,462.81	1/2	3,100.07	1/2	2,737.09
3/4		3/4		3/4	4,695.96	3/4	4,499.25	3/4	4,245.62	3/4	3,991.99	3/4	3,738.36	3/4	3,455.31	3/4	3,092.51	3/4	2,729.53
10		10		10	4,695.16	10	4,493.97	10	4,240.33	10	3,986.70	10	3,733.07	10	3,447.81	10	3,084.95	10	2,721.97
1/4		1/4		1/4	4,694.35	1/4	4,488.68	1/4	4,235.05	1/4	3,981.42	1/4	3,727.79	1/4	3,440.30	1/4	3,077.38	1/4	2,714.40
1/2		1/2		1/2	4,693.55	1/2	4,483.40	1/2	4,229.76	1/2	3,976.13	1/2	3,722.50	1/2	3,432.80	1/2	3,069.82	1/2	2,706.84
3/4		3/4		3/4	4,691.99	3/4	4,478.12	3/4	4,224.48	3/4	3,970.85	3/4	3,717.22	3/4	3,425.24	3/4	3,062.26	3/4	2,699.28
11		11		11	4,690.42	11	4,472.83	11	4,219.20	11	3,965.57	11	3,711.93	11	3,417.68	11	3,054.70	11	2,691.72
1/4		1/4		1/4	4,688.86	1/4	4,467.55	1/4	4,213.91	1/4	3,960.28	1/4	3,706.65	1/4	3,410.11	1/4	3,047.13	1/4	2,684.16
1/2		1/2		1/2	4,687.29	1/2	4,462.26	1/2	4,208.63	1/2	3,955.00	1/2	3,701.36	1/2	3,402.55	1/2	3,039.57	1/2	2,676.60
3/4		3/4		3/4	4,684.94	3/4	4,456.98	3/4	4,203.35	3/4	3,949.72	3/4	3,696.08	3/4	3,394.99	3/4	3,032.01	3/4	2,669.04

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO (TOP LIP OF 2" BALL VALVE)

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



BARGE "HTCO 3082"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-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	2,661.48	0	2,298.50	0	1,935.52	0	1,572.55	0	1,209.57	0	846.22	0	481.72	0	118.65	0		0	
1/4	2,653.91	1/4	2,290.93	1/4	1,927.96	1/4	1,564.98	1/4	1,202.00	1/4	838.64	1/4	474.11	1/4	111.28	1/4		1/4	
1/2	2,646.35	1/2	2,283.37	1/2	1,920.40	1/2	1,557.42	1/2	1,194.44	1/2	831.06	1/2	466.50	1/2	103.91	1/2		1/2	
3/4	2,638.79	3/4	2,275.81	3/4	1,912.84	3/4	1,549.86	3/4	1,186.88	3/4	823.49	3/4	458.89	3/4	96.54	3/4		3/4	
1	2,631.23	1	2,268.25	1	1,905.28	1	1,542.30	1	1,179.32	1	815.91	1	451.29	1	89.18	1		1	
1/4	2,623.66	1/4	2,260.68	1/4	1,897.71	1/4	1,534.73	1/4	1,171.76	1/4	808.34	1/4	443.68	1/4	81.81	1/4		1/4	
1/2	2,616.10	1/2	2,253.12	1/2	1,890.15	1/2	1,527.17	1/2	1,164.20	1/2	800.76	1/2	436.07	1/2	74.44	1/2		1/2	
3/4	2,608.54	3/4	2,245.56	3/4	1,882.59	3/4	1,519.61	3/4	1,156.64	3/4	793.18	3/4	428.46	3/4	67.21	3/4		3/4	
2	2,600.98	2	2,238.00	2	1,875.03	2	1,512.05	2	1,149.08	2	785.61	2	420.85	2	59.97	2		2	
1/4	2,593.41	1/4	2,230.44	1/4	1,867.46	1/4	1,504.48	1/4	1,141.51	1/4	778.03	1/4	413.24	1/4	52.74	1/4		1/4	
1/2	2,585.85	1/2	2,222.88	1/2	1,859.90	1/2	1,496.92	1/2	1,133.95	1/2	770.45	1/2	405.63	1/2	45.50	1/2		1/2	
3/4	2,578.29	3/4	2,215.32	3/4	1,852.34	3/4	1,489.36	3/4	1,126.39	3/4	762.87	3/4	398.02	3/4	39.90	3/4		3/4	
3	2,570.73	3	2,207.76	3	1,844.78	3	1,481.80	3	1,118.83	3	755.30	3	390.42	3	34.30	3		3	
1/4	2,563.16	1/4	2,200.19	1/4	1,837.21	1/4	1,474.24	1/4	1,111.26	1/4	747.72	1/4	382.81	1/4	28.70	1/4		1/4	
1/2	2,555.60	1/2	2,192.63	1/2	1,829.65	1/2	1,466.68	1/2	1,103.70	1/2	740.14	1/2	375.20	1/2	23.10	1/2		1/2	
3/4	2,548.04	3/4	2,185.07	3/4	1,822.09	3/4	1,459.12	3/4	1,096.14	3/4	732.56	3/4	367.59	3/4	19.31	3/4		3/4	
4	2,540.48	4	2,177.51	4	1,814.53	4	1,451.56	4	1,088.58	4	724.99	4	359.98	4	15.51	4		4	
1/4	2,532.92	1/4	2,169.94	1/4	1,806.96	1/4	1,443.99	1/4	1,081.01	1/4	717.41	1/4	352.37	1/4	11.72	1/4		1/4	
1/2	2,525.36	1/2	2,162.38	1/2	1,799.40	1/2	1,436.43	1/2	1,073.45	1/2	709.83	1/2	344.76	1/2	7.92	1/2		1/2	
3/4	2,517.80	3/4	2,154.82	3/4	1,791.84	3/4	1,428.87	3/4	1,065.89	3/4	702.25	3/4	337.15	3/4	6.28	3/4		3/4	
5	2,510.24	5	2,147.26	5	1,784.28	5	1,421.31	5	1,058.33	5	694.68	5	329.54	5	4.64	5		5	
1/4	2,502.67	1/4	2,139.69	1/4	1,776.72	1/4	1,413.74	1/4	1,050.76	1/4	687.10	1/4	321.93	1/4	3.00	1/4		1/4	
1/2	2,495.11	1/2	2,132.13	1/2	1,769.16	1/2	1,406.18	1/2	1,043.20	1/2	679.52	1/2	314.32	1/2	1.36	1/2		1/2	
3/4	2,487.55	3/4	2,124.57	3/4	1,761.60	3/4	1,398.62	3/4	1,035.63	3/4	671.92	3/4	306.71	3/4		3/4		3/4	
6	2,479.99	6	2,117.01	6	1,754.04	6	1,391.06	6	1,028.06	6	664.32	6	299.11	6		6		6	
1/4	2,472.42	1/4	2,109.44	1/4	1,746.47	1/4	1,383.49	1/4	1,020.48	1/4	656.72	1/4	291.50	1/4		1/4		1/4	
1/2	2,464.86	1/2	2,101.88	1/2	1,738.91	1/2	1,375.93	1/2	1,012.91	1/2	649.12	1/2	283.89	1/2		1/2		1/2	
3/4	2,457.30	3/4	2,094.32	3/4	1,731.35	3/4	1,368.37	3/4	1,005.33	3/4	641.51	3/4	276.28	3/4		3/4		3/4	
7	2,449.74	7	2,086.76	7	1,723.79	7	1,361.31	7	997.76	7	633.90	7	268.67	7		7		7	
1/4	2,442.17	1/4	2,079.20	1/4	1,716.22	1/4	1,353.74	1/4	990.18	1/4	626.29	1/4	261.06	1/4		1/4		1/4	
1/2	2,434.61	1/2	2,071.64	1/2	1,708.66	1/2	1,346.18	1/2	982.60	1/2	618.68	1/2	253.45	1/2		1/2		1/2	
3/4	2,427.05	3/4	2,064.08	3/4	1,701.10	3/4	1,338.62	3/4	975.03	3/4	611.07	3/4	245.84	3/4		3/4		3/4	
8	2,419.49	8	2,056.52	8	1,693.54	8	1,330.56	8	967.45	8	603.47	8	238.24	8		8		8	
1/4	2,411.92	1/4	2,048.95	1/4	1,685.97	1/4	1,323.00	1/4	959.88	1/4	595.86	1/4	230.63	1/4		1/4		1/4	
1/2	2,404.36	1/2	2,041.39	1/2	1,678.41	1/2	1,315.44	1/2	952.30	1/2	588.25	1/2	223.02	1/2		1/2		1/2	
3/4	2,396.80	3/4	2,033.83	3/4	1,670.85	3/4	1,307.88	3/4	944.72	3/4	580.64	3/4	215.41	3/4		3/4		3/4	
9	2,389.24	9	2,026.27	9	1,663.29	9	1,300.32	9	937.15	9	573.03	9	207.80	9		9		9	
1/4	2,381.68	1/4	2,018.70	1/4	1,655.72	1/4	1,292.75	1/4	929.57	1/4	565.42	1/4	200.19	1/4		1/4		1/4	
1/2	2,374.12	1/2	2,011.14	1/2	1,648.16	1/2	1,285.19	1/2	921.99	1/2	557.81	1/2	192.58	1/2		1/2		1/2	
3/4	2,366.56	3/4	2,003.58	3/4	1,640.60	3/4	1,277.63	3/4	914.41	3/4	550.20	3/4	185.15	3/4		3/4		3/4	
10	2,359.00	10	1,996.02	10	1,633.04	10	1,270.07	10	906.84	10	542.60	10	177.72	10		10		10	
1/4	2,351.43	1/4	1,988.45	1/4	1,625.48	1/4	1,262.50	1/4	899.26	1/4	534.99	1/4	170.29	1/4		1/4		1/4	
1/2	2,343.87	1/2	1,980.89	1/2	1,617.92	1/2	1,254.94	1/2	891.68	1/2	527.38	1/2	162.86	1/2		1/2		1/2	
3/4	2,336.31	3/4	1,973.33	3/4	1,610.36	3/4	1,247.38	3/4	884.10	3/4	519.77	3/4	155.49	3/4		3/4		3/4	
11	2,328.75	11	1,965.77	11	1,602.80	11	1,239.82	11	876.53	11	512.16	11	148.13	11		11		11	
1/4	2,321.18	1/4	1,958.20	1/4	1,595.23	1/4	1,232.25	1/4	868.95	1/4	504.55	1/4	140.76	1/4		1/4		1/4	
1/2	2,313.62	1/2	1,950.64	1/2	1,587.67	1/2	1,224.69	1/2	861.37	1/2	496.94	1/2	133.39	1/2		1/2		1/2	
3/4	2,306.06	3/4	1,943.08	3/4	1,580.11	3/4	1,217.13	3/4	853.79	3/4	489.33	3/4	126.02	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2011 INSP.

REPRINTED: 05/05/2018

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

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



BARGE "HTCO 3082

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-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		0		0	4,682.60	0	4,451.69	0	4,198.06	0	3,944.44	0	3,690.80	0	3,387.43	0	3,024.45
1/4		1/4		1/4		1/4	4,680.25	1/4	4,446.41	1/4	4,192.78	1/4	3,939.16	1/4	3,685.51	1/4	3,379.86	1/4	3,016.88
1/2		1/2		1/2		1/2	4,677.90	1/2	4,441.12	1/2	4,187.49	1/2	3,933.88	1/2	3,680.23	1/2	3,372.30	1/2	3,009.32
3/4		3/4		3/4		3/4	4,674.77	3/4	4,435.84	3/4	4,182.21	3/4	3,928.59	3/4	3,674.95	3/4	3,364.74	3/4	3,001.76
1		1		1		1	4,671.64	1	4,430.56	1	4,176.93	1	3,923.30	1	3,669.66	1	3,357.18	1	2,994.20
1/4		1/4		1/4		1/4	4,668.51	1/4	4,425.27	1/4	4,171.64	1/4	3,918.01	1/4	3,664.38	1/4	3,349.61	1/4	2,986.64
1/2		1/2		1/2		1/2	4,665.38	1/2	4,419.99	1/2	4,166.36	1/2	3,912.72	1/2	3,659.09	1/2	3,342.05	1/2	2,979.08
3/4		3/4		3/4		3/4	4,661.47	3/4	4,414.71	3/4	4,161.08	3/4	3,907.44	3/4	3,653.81	3/4	3,334.49	3/4	2,971.52
2		2		2		2	4,657.56	2	4,409.42	2	4,155.79	2	3,902.16	2	3,648.53	2	3,326.93	2	2,963.96
1/4		1/4		1/4		1/4	4,653.65	1/4	4,404.14	1/4	4,150.51	1/4	3,896.87	1/4	3,643.24	1/4	3,319.36	1/4	2,956.39
1/2		1/2		1/2		1/2	4,649.74	1/2	4,398.85	1/2	4,145.22	1/2	3,891.59	1/2	3,637.96	1/2	3,311.80	1/2	2,948.83
3/4		3/4		3/4		3/4	4,645.04	3/4	4,393.57	3/4	4,139.94	3/4	3,886.31	3/4	3,632.64	3/4	3,304.24	3/4	2,941.27
3		3		3		3	4,640.35	3	4,388.29	3	4,134.65	3	3,881.02	3	3,627.33	3	3,296.68	3	2,933.71
1/4		1/4		1/4		1/4	4,635.65	1/4	4,383.00	1/4	4,129.37	1/4	3,875.74	1/4	3,622.01	1/4	3,289.12	1/4	2,926.14
1/2		1/2		1/2		1/2	4,630.95	1/2	4,377.72	1/2	4,124.08	1/2	3,870.45	1/2	3,616.69	1/2	3,281.56	1/2	2,918.58
3/4		3/4		3/4		3/4	4,625.77	3/4	4,372.44	3/4	4,118.80	3/4	3,865.17	3/4	3,611.13	3/4	3,274.00	3/4	2,911.02
4		4		4		4	4,620.58	4	4,367.15	4	4,113.52	4	3,859.89	4	3,605.57	4	3,266.44	4	2,903.46
1/4		1/4		1/4		1/4	4,615.40	1/4	4,361.87	1/4	4,108.23	1/4	3,854.60	1/4	3,600.00	1/4	3,258.87	1/4	2,895.89
1/2		1/2		1/2		1/2	4,610.21	1/2	4,356.58	1/2	4,102.95	1/2	3,849.32	1/2	3,594.44	1/2	3,251.31	1/2	2,888.33
3/4		3/4		3/4		3/4	4,604.93	3/4	4,351.30	3/4	4,097.67	3/4	3,844.04	3/4	3,588.55	3/4	3,243.75	3/4	2,880.77
5		5		5		5	4,599.65	5	4,346.01	5	4,092.38	5	3,838.75	5	3,582.66	5	3,236.19	5	2,873.21
1/4		1/4		1/4		1/4	4,594.36	1/4	4,340.73	1/4	4,087.10	1/4	3,833.47	1/4	3,576.77	1/4	3,228.62	1/4	2,865.64
1/2		1/2		1/2		1/2	4,589.08	1/2	4,335.44	1/2	4,081.81	1/2	3,828.18	1/2	3,570.88	1/2	3,221.06	1/2	2,858.08
3/4		3/4		3/4		3/4	4,583.80	3/4	4,330.16	3/4	4,076.53	3/4	3,822.90	3/4	3,564.65	3/4	3,213.50	3/4	2,850.52
6		6		6		6	4,578.51	6	4,324.88	6	4,071.25	6	3,817.61	6	3,558.41	6	3,205.94	6	2,842.96
1/4		1/4		1/4		1/4	4,573.23	1/4	4,319.59	1/4	4,065.96	1/4	3,812.33	1/4	3,552.18	1/4	3,198.37	1/4	2,835.40
1/2		1/2		1/2		1/2	4,567.94	1/2	4,314.31	1/2	4,060.68	1/2	3,807.04	1/2	3,545.94	1/2	3,190.81	1/2	2,827.84
3/4		3/4		3/4		3/4	4,562.66	3/4	4,309.03	3/4	4,055.40	3/4	3,801.76	3/4	3,539.36	3/4	3,183.25	3/4	2,820.28
7		7		7		7	4,557.37	7	4,303.74	7	4,050.11	7	3,796.48	7	3,532.78	7	3,175.69	7	2,812.72
1/4		1/4		1/4		1/4	4,552.09	1/4	4,298.46	1/4	4,044.83	1/4	3,791.19	1/4	3,526.20	1/4	3,168.12	1/4	2,805.15
1/2		1/2		1/2		1/2	4,546.80	1/2	4,293.17	1/2	4,039.54	1/2	3,785.91	1/2	3,519.62	1/2	3,160.56	1/2	2,797.59
3/4		3/4		3/4		3/4	4,541.52	3/4	4,287.89	3/4	4,034.26	3/4	3,780.63	3/4	3,512.69	3/4	3,153.00	3/4	2,790.03
8		8		8		8	4,536.24	8	4,282.61	8	4,028.97	8	3,775.34	8	3,505.77	8	3,145.44	8	2,782.47
1/4		1/4		1/4		1/4	4,530.95	1/4	4,277.32	1/4	4,023.69	1/4	3,770.06	1/4	3,498.84	1/4	3,137.88	1/4	2,774.90
1/2		1/2		1/2		1/2	4,525.67	1/2	4,272.04	1/2	4,018.40	1/2	3,764.77	1/2	3,491.91	1/2	3,130.32	1/2	2,767.34
3/4		3/4		3/4		3/4	4,520.39	3/4	4,266.76	3/4	4,013.12	3/4	3,759.49	3/4	3,484.64	3/4	3,122.76	3/4	2,759.78
9		9		9	4,697.34	9	4,515.10	9	4,261.47	9	4,007.84	9	3,754.21	9	3,477.36	9	3,115.20	9	2,752.22
1/4		1/4		1/4	4,697.05	1/4	4,509.82	1/4	4,256.19	1/4	4,002.55	1/4	3,748.92	1/4	3,470.09	1/4	3,107.63	1/4	2,744.65
1/2		1/2		1/2	4,696.76	1/2	4,504.53	1/2	4,250.90	1/2	3,997.27	1/2	3,743.64	1/2	3,462.81	1/2	3,100.07	1/2	2,737.09
3/4		3/4		3/4	4,695.96	3/4	4,499.25	3/4	4,245.62	3/4	3,991.99	3/4	3,738.36	3/4	3,455.31	3/4	3,092.51	3/4	2,729.53
10		10		10	4,695.16	10	4,493.97	10	4,240.33	10	3,986.70	10	3,733.07	10	3,447.81	10	3,084.95	10	2,721.97
1/4		1/4		1/4	4,694.35	1/4	4,488.68	1/4	4,235.05	1/4	3,981.42	1/4	3,727.79	1/4	3,440.30	1/4	3,077.38	1/4	2,714.40
1/2		1/2		1/2	4,693.55	1/2	4,483.40	1/2	4,229.76	1/2	3,976.13	1/2	3,722.50	1/2	3,432.80	1/2	3,069.82	1/2	2,706.84
3/4		3/4		3/4	4,691.99	3/4	4,478.12	3/4	4,224.48	3/4	3,970.85	3/4	3,717.22	3/4	3,425.24	3/4	3,062.26	3/4	2,699.28
11		11		11	4,690.42	11	4,472.83	11	4,219.20	11	3,965.57	11	3,711.93	11	3,417.68	11	3,054.70	11	2,691.72
1/4		1/4		1/4	4,688.86	1/4	4,467.55	1/4	4,213.91	1/4	3,960.28	1/4	3,706.65	1/4	3,410.11	1/4	3,047.13	1/4	2,684.16
1/2		1/2		1/2	4,687.29	1/2	4,462.26	1/2	4,208.63	1/2	3,955.00	1/2	3,701.36	1/2	3,402.55	1/2	3,039.57	1/2	2,676.60
3/4		3/4		3/4	4,684.94	3/4	4,456.98	3/4	4,203.35	3/4	3,949.72	3/4	3,696.08	3/4	3,394.99	3/4	3,032.01	3/4	2,669.04

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO (TOP LIP OF 2" BALL VALVE)

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



BARGE "HTCO 3082"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-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	2,661.48	0	2,298.50	0	1,935.52	0	1,572.55	0	1,209.57	0	846.22	0	481.72	0	118.65	0		0	
1/4	2,653.91	1/4	2,290.93	1/4	1,927.96	1/4	1,564.98	1/4	1,202.00	1/4	838.64	1/4	474.11	1/4	111.28	1/4		1/4	
1/2	2,646.35	1/2	2,283.37	1/2	1,920.40	1/2	1,557.42	1/2	1,194.44	1/2	831.06	1/2	466.50	1/2	103.91	1/2		1/2	
3/4	2,638.79	3/4	2,275.81	3/4	1,912.84	3/4	1,549.86	3/4	1,186.88	3/4	823.49	3/4	458.89	3/4	96.54	3/4		3/4	
1	2,631.23	1	2,268.25	1	1,905.28	1	1,542.30	1	1,179.32	1	815.91	1	451.29	1	89.18	1		1	
1/4	2,623.66	1/4	2,260.68	1/4	1,897.71	1/4	1,534.73	1/4	1,171.76	1/4	808.34	1/4	443.68	1/4	81.81	1/4		1/4	
1/2	2,616.10	1/2	2,253.12	1/2	1,890.15	1/2	1,527.17	1/2	1,164.20	1/2	800.76	1/2	436.07	1/2	74.44	1/2		1/2	
3/4	2,608.54	3/4	2,245.56	3/4	1,882.59	3/4	1,519.61	3/4	1,156.64	3/4	793.18	3/4	428.46	3/4	67.21	3/4		3/4	
2	2,600.98	2	2,238.00	2	1,875.03	2	1,512.05	2	1,149.08	2	785.61	2	420.85	2	59.97	2		2	
1/4	2,593.41	1/4	2,230.44	1/4	1,867.46	1/4	1,504.48	1/4	1,141.51	1/4	778.03	1/4	413.24	1/4	52.74	1/4		1/4	
1/2	2,585.85	1/2	2,222.88	1/2	1,859.90	1/2	1,496.92	1/2	1,133.95	1/2	770.45	1/2	405.63	1/2	45.50	1/2		1/2	
3/4	2,578.29	3/4	2,215.32	3/4	1,852.34	3/4	1,489.36	3/4	1,126.39	3/4	762.87	3/4	398.02	3/4	39.90	3/4		3/4	
3	2,570.73	3	2,207.76	3	1,844.78	3	1,481.80	3	1,118.83	3	755.30	3	390.42	3	34.30	3		3	
1/4	2,563.16	1/4	2,200.19	1/4	1,837.21	1/4	1,474.24	1/4	1,111.26	1/4	747.72	1/4	382.81	1/4	28.70	1/4		1/4	
1/2	2,555.60	1/2	2,192.63	1/2	1,829.65	1/2	1,466.68	1/2	1,103.70	1/2	740.14	1/2	375.20	1/2	23.10	1/2		1/2	
3/4	2,548.04	3/4	2,185.07	3/4	1,822.09	3/4	1,459.12	3/4	1,096.14	3/4	732.56	3/4	367.59	3/4	19.31	3/4		3/4	
4	2,540.48	4	2,177.51	4	1,814.53	4	1,451.56	4	1,088.58	4	724.99	4	359.98	4	15.51	4		4	
1/4	2,532.92	1/4	2,169.94	1/4	1,806.96	1/4	1,443.99	1/4	1,081.01	1/4	717.41	1/4	352.37	1/4	11.72	1/4		1/4	
1/2	2,525.36	1/2	2,162.38	1/2	1,799.40	1/2	1,436.43	1/2	1,073.45	1/2	709.83	1/2	344.76	1/2	7.92	1/2		1/2	
3/4	2,517.80	3/4	2,154.82	3/4	1,791.84	3/4	1,428.87	3/4	1,065.89	3/4	702.25	3/4	337.15	3/4	6.28	3/4		3/4	
5	2,510.24	5	2,147.26	5	1,784.28	5	1,421.31	5	1,058.33	5	694.68	5	329.54	5	4.64	5		5	
1/4	2,502.67	1/4	2,139.69	1/4	1,776.72	1/4	1,413.74	1/4	1,050.76	1/4	687.10	1/4	321.93	1/4	3.00	1/4		1/4	
1/2	2,495.11	1/2	2,132.13	1/2	1,769.16	1/2	1,406.18	1/2	1,043.20	1/2	679.52	1/2	314.32	1/2	1.36	1/2		1/2	
3/4	2,487.55	3/4	2,124.57	3/4	1,761.60	3/4	1,398.62	3/4	1,035.63	3/4	671.92	3/4	306.71	3/4		3/4		3/4	
6	2,479.99	6	2,117.01	6	1,754.04	6	1,391.06	6	1,028.06	6	664.32	6	299.11	6		6		6	
1/4	2,472.42	1/4	2,109.44	1/4	1,746.47	1/4	1,383.49	1/4	1,020.48	1/4	656.72	1/4	291.50	1/4		1/4		1/4	
1/2	2,464.86	1/2	2,101.88	1/2	1,738.91	1/2	1,375.93	1/2	1,012.91	1/2	649.12	1/2	283.89	1/2		1/2		1/2	
3/4	2,457.30	3/4	2,094.32	3/4	1,731.35	3/4	1,368.37	3/4	1,005.33	3/4	641.51	3/4	276.28	3/4		3/4		3/4	
7	2,449.74	7	2,086.76	7	1,723.79	7	1,361.31	7	997.76	7	633.90	7	268.67	7		7		7	
1/4	2,442.17	1/4	2,079.20	1/4	1,716.22	1/4	1,353.74	1/4	990.18	1/4	626.29	1/4	261.06	1/4		1/4		1/4	
1/2	2,434.61	1/2	2,071.64	1/2	1,708.66	1/2	1,346.18	1/2	982.60	1/2	618.68	1/2	253.45	1/2		1/2		1/2	
3/4	2,427.05	3/4	2,064.08	3/4	1,701.10	3/4	1,338.62	3/4	975.03	3/4	611.07	3/4	245.84	3/4		3/4		3/4	
8	2,419.49	8	2,056.52	8	1,693.54	8	1,330.56	8	967.45	8	603.47	8	238.24	8		8		8	
1/4	2,411.92	1/4	2,048.95	1/4	1,685.97	1/4	1,323.00	1/4	959.88	1/4	595.86	1/4	230.63	1/4		1/4		1/4	
1/2	2,404.36	1/2	2,041.39	1/2	1,678.41	1/2	1,315.44	1/2	952.30	1/2	588.25	1/2	223.02	1/2		1/2		1/2	
3/4	2,396.80	3/4	2,033.83	3/4	1,670.85	3/4	1,307.88	3/4	944.72	3/4	580.64	3/4	215.41	3/4		3/4		3/4	
9	2,389.24	9	2,026.27	9	1,663.29	9	1,300.32	9	937.15	9	573.03	9	207.80	9		9		9	
1/4	2,381.68	1/4	2,018.70	1/4	1,655.72	1/4	1,292.75	1/4	929.57	1/4	565.42	1/4	200.19	1/4		1/4		1/4	
1/2	2,374.12	1/2	2,011.14	1/2	1,648.16	1/2	1,285.19	1/2	921.99	1/2	557.81	1/2	192.58	1/2		1/2		1/2	
3/4	2,366.56	3/4	2,003.58	3/4	1,640.60	3/4	1,277.63	3/4	914.41	3/4	550.20	3/4	185.15	3/4		3/4		3/4	
10	2,359.00	10	1,996.02	10	1,633.04	10	1,270.07	10	906.84	10	542.60	10	177.72	10		10		10	
1/4	2,351.43	1/4	1,988.45	1/4	1,625.48	1/4	1,262.50	1/4	899.26	1/4	534.99	1/4	170.29	1/4		1/4		1/4	
1/2	2,343.87	1/2	1,980.89	1/2	1,617.92	1/2	1,254.94	1/2	891.68	1/2	527.38	1/2	162.86	1/2		1/2		1/2	
3/4	2,336.31	3/4	1,973.33	3/4	1,610.36	3/4	1,247.38	3/4	884.10	3/4	519.77	3/4	155.49	3/4		3/4		3/4	
11	2,328.75	11	1,965.77	11	1,602.80	11	1,239.82	11	876.53	11	512.16	11	148.13	11		11		11	
1/4	2,321.18	1/4	1,958.20	1/4	1,595.23	1/4	1,232.25	1/4	868.95	1/4	504.55	1/4	140.76	1/4		1/4		1/4	
1/2	2,313.62	1/2	1,950.64	1/2	1,587.67	1/2	1,224.69	1/2	861.37	1/2	496.94	1/2	133.39	1/2		1/2		1/2	
3/4	2,306.06	3/4	1,943.08	3/4	1,580.11	3/4	1,217.13	3/4	853.79	3/4	489.33	3/4	126.02	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2011 INSP.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

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& ANALYSIS, INC.
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