

BARGE "HTCO 3012"

ULLAGE TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
1 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 PORT	00-3/4	- 00-3/4	01-5/8	- 01-5/8	02-3/8	- 02-3/8	03-1/4	- 03-1/4	04-0/8	- 04-0/8	04-3/4	- 04-3/4
3 STBD	00-3/4	- 00-3/4	01-5/8	- 01-5/8	02-3/8	- 02-3/8	03-1/4	- 03-1/4	04-0/8	- 04-0/8	04-3/4	- 04-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 253'-03"

March 28, 2024

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

<http://www.pmacorp.net>



BARGE "HTCO 3012"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 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		0	4,932.40	0	4,596.31	0	4,242.80	0	3,880.50	0	3,518.19	0	3,155.88
1/4		1/4		1/4		1/4	5,252.74	1/4	4,925.57	1/4	4,589.11	1/4	4,235.25	1/4	3,872.96	1/4	3,510.64	1/4	3,148.33
1/2		1/2		1/2		1/2	5,248.40	1/2	4,918.74	1/2	4,581.90	1/2	4,227.71	1/2	3,865.41	1/2	3,503.09	1/2	3,140.78
3/4		3/4		3/4		3/4	5,244.07	3/4	4,911.90	3/4	4,574.70	3/4	4,220.17	3/4	3,857.86	3/4	3,495.55	3/4	3,133.23
1		1		1		1	5,239.74	1	4,905.07	1	4,567.49	1	4,212.62	1	3,850.31	1	3,488.00	1	3,125.68
1/4		1/4		1/4		1/4	5,234.16	1/4	4,898.21	1/4	4,560.26	1/4	4,205.08	1/4	3,842.76	1/4	3,480.45	1/4	3,118.14
1/2		1/2		1/2		1/2	5,228.59	1/2	4,891.35	1/2	4,553.03	1/2	4,197.53	1/2	3,835.21	1/2	3,472.90	1/2	3,110.59
3/4		3/4		3/4		3/4	5,223.01	3/4	4,884.48	3/4	4,545.80	3/4	4,189.98	3/4	3,827.67	3/4	3,465.35	3/4	3,103.04
2		2		2		2	5,217.44	2	4,877.62	2	4,538.56	2	4,182.43	2	3,820.12	2	3,457.80	2	3,095.49
1/4		1/4		1/4		1/4	5,210.69	1/4	4,870.73	1/4	4,531.30	1/4	4,174.88	1/4	3,812.57	1/4	3,450.26	1/4	3,087.94
1/2		1/2		1/2		1/2	5,203.95	1/2	4,863.84	1/2	4,524.04	1/2	4,167.33	1/2	3,805.02	1/2	3,442.71	1/2	3,080.39
3/4		3/4		3/4		3/4	5,197.21	3/4	4,856.95	3/4	4,516.77	3/4	4,159.79	3/4	3,797.47	3/4	3,435.16	3/4	3,072.85
3		3		3		3	5,190.46	3	4,850.06	3	4,509.51	3	4,152.24	3	3,789.92	3	3,427.61	3	3,065.30
1/4		1/4		1/4		1/4	5,183.09	1/4	4,843.14	1/4	4,502.21	1/4	4,144.69	1/4	3,782.38	1/4	3,420.06	1/4	3,057.75
1/2		1/2		1/2		1/2	5,175.72	1/2	4,836.22	1/2	4,494.92	1/2	4,137.14	1/2	3,774.83	1/2	3,412.51	1/2	3,050.20
3/4		3/4		3/4		3/4	5,168.35	3/4	4,829.30	3/4	4,487.62	3/4	4,129.59	3/4	3,767.28	3/4	3,404.97	3/4	3,042.65
4		4		4		4	5,160.98	4	4,822.38	4	4,480.33	4	4,122.05	4	3,759.73	4	3,397.42	4	3,035.10
1/4		1/4		1/4		1/4	5,153.53	1/4	4,815.44	1/4	4,473.01	1/4	4,114.50	1/4	3,752.18	1/4	3,389.87	1/4	3,027.56
1/2		1/2		1/2		1/2	5,146.08	1/2	4,808.49	1/2	4,465.68	1/2	4,106.95	1/2	3,744.64	1/2	3,382.32	1/2	3,020.01
3/4		3/4		3/4		3/4	5,138.63	3/4	4,801.54	3/4	4,458.36	3/4	4,099.40	3/4	3,737.09	3/4	3,374.77	3/4	3,012.46
5		5		5		5	5,131.18	5	4,794.60	5	4,451.04	5	4,091.85	5	3,729.54	5	3,367.23	5	3,004.91
1/4		1/4		1/4		1/4	5,123.73	1/4	4,787.62	1/4	4,443.69	1/4	4,084.30	1/4	3,721.99	1/4	3,359.68	1/4	2,997.36
1/2		1/2		1/2		1/2	5,116.28	1/2	4,780.65	1/2	4,436.34	1/2	4,076.76	1/2	3,714.44	1/2	3,352.13	1/2	2,989.82
3/4		3/4		3/4		3/4	5,108.83	3/4	4,773.67	3/4	4,428.99	3/4	4,069.21	3/4	3,706.89	3/4	3,344.58	3/4	2,982.27
6		6		6		6	5,101.38	6	4,766.70	6	4,421.64	6	4,061.66	6	3,699.35	6	3,337.03	6	2,974.72
1/4		1/4		1/4		1/4	5,093.93	1/4	4,759.70	1/4	4,414.26	1/4	4,054.11	1/4	3,691.80	1/4	3,329.48	1/4	2,967.17
1/2		1/2		1/2		1/2	5,086.48	1/2	4,752.69	1/2	4,406.88	1/2	4,046.56	1/2	3,684.25	1/2	3,321.94	1/2	2,959.62
3/4		3/4		3/4		3/4	5,079.03	3/4	4,745.68	3/4	4,399.50	3/4	4,039.02	3/4	3,676.70	3/4	3,314.39	3/4	2,952.07
7		7		7		7	5,071.58	7	4,738.68	7	4,392.12	7	4,031.47	7	3,669.15	7	3,306.84	7	2,944.53
1/4		1/4		1/4		1/4	5,064.13	1/4	4,731.63	1/4	4,384.72	1/4	4,023.92	1/4	3,661.61	1/4	3,299.29	1/4	2,936.98
1/2		1/2		1/2		1/2	5,056.68	1/2	4,724.58	1/2	4,377.31	1/2	4,016.37	1/2	3,654.06	1/2	3,291.74	1/2	2,929.43
3/4		3/4		3/4		3/4	5,049.23	3/4	4,717.53	3/4	4,369.91	3/4	4,008.82	3/4	3,646.51	3/4	3,284.20	3/4	2,921.88
8		8		8		8	5,041.78	8	4,710.47	8	4,362.50	8	4,001.27	8	3,638.96	8	3,276.65	8	2,914.33
1/4		1/4		1/4		1/4	5,034.72	1/4	4,703.38	1/4	4,355.06	1/4	3,993.73	1/4	3,631.41	1/4	3,269.10	1/4	2,906.79
1/2		1/2		1/2		1/2	5,027.67	1/2	4,696.29	1/2	4,347.63	1/2	3,986.18	1/2	3,623.86	1/2	3,261.55	1/2	2,899.24
3/4		3/4		3/4		3/4	5,020.61	3/4	4,689.19	3/4	4,340.19	3/4	3,978.63	3/4	3,616.32	3/4	3,254.00	3/4	2,891.69
9		9		9		9	5,013.55	9	4,682.10	9	4,332.75	9	3,971.08	9	3,608.77	9	3,246.45	9	2,884.14
1/4		1/4		1/4		1/4	5,006.84	1/4	4,674.98	1/4	4,325.28	1/4	3,963.53	1/4	3,601.22	1/4	3,238.91	1/4	2,876.59
1/2		1/2		1/2		1/2	5,000.13	1/2	4,667.86	1/2	4,317.81	1/2	3,955.99	1/2	3,593.67	1/2	3,231.36	1/2	2,869.04
3/4		3/4		3/4		3/4	4,993.42	3/4	4,660.74	3/4	4,310.35	3/4	3,948.44	3/4	3,586.12	3/4	3,223.81	3/4	2,861.50
10		10		10		10	4,986.71	10	4,653.61	10	4,302.88	10	3,940.89	10	3,578.58	10	3,216.26	10	2,853.95
1/4		1/4		1/4		1/4	4,979.93	1/4	4,646.47	1/4	4,295.38	1/4	3,933.34	1/4	3,571.03	1/4	3,208.71	1/4	2,846.40
1/2		1/2		1/2		1/2	4,973.16	1/2	4,639.32	1/2	4,287.88	1/2	3,925.79	1/2	3,563.48	1/2	3,201.17	1/2	2,838.85
3/4		3/4		3/4		3/4	4,966.38	3/4	4,632.17	3/4	4,280.39	3/4	3,918.24	3/4	3,555.93	3/4	3,193.62	3/4	2,831.30
11		11		11		11	4,959.61	11	4,625.02	11	4,272.89	11	3,910.70	11	3,548.38	11	3,186.07	11	2,823.76
1/4		1/4		1/4		1/4	4,952.81	1/4	4,617.84	1/4	4,265.37	1/4	3,903.15	1/4	3,540.83	1/4	3,178.52	1/4	2,816.21
1/2		1/2		1/2		1/2	4,946.00	1/2	4,610.67	1/2	4,257.84	1/2	3,895.60	1/2	3,533.29	1/2	3,170.97	1/2	2,808.66
3/4		3/4		3/4		3/4	4,939.20	3/4	4,603.49	3/4	4,250.32	3/4	3,888.05	3/4	3,525.74	3/4	3,163.42	3/4	2,801.11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 47'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "HTCO 3012"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 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	2,793.56	0	2,431.18	0	2,068.73	0	1,706.28	0	1,343.84	0	981.81	0	619.45	0	257.01	0		0	
1/4	2,786.01	1/4	2,423.63	1/4	2,061.18	1/4	1,698.73	1/4	1,336.29	1/4	974.27	1/4	611.90	1/4	249.46	1/4		1/4	
1/2	2,778.47	1/2	2,416.08	1/2	2,053.63	1/2	1,691.18	1/2	1,328.73	1/2	966.73	1/2	604.35	1/2	241.91	1/2		1/2	
3/4	2,770.92	3/4	2,408.53	3/4	2,046.08	3/4	1,683.63	3/4	1,321.18	3/4	959.19	3/4	596.80	3/4	234.36	3/4		3/4	
1	2,763.37	1	2,400.98	1	2,038.53	1	1,676.08	1	1,313.63	1	951.65	1	589.25	1	226.81	1		1	
1/4	2,755.82	1/4	2,393.43	1/4	2,030.98	1/4	1,668.53	1/4	1,306.08	1/4	944.11	1/4	581.69	1/4	219.26	1/4		1/4	
1/2	2,748.27	1/2	2,385.87	1/2	2,023.43	1/2	1,660.98	1/2	1,298.53	1/2	936.56	1/2	574.14	1/2	211.71	1/2		1/2	
3/4	2,740.73	3/4	2,378.32	3/4	2,015.88	3/4	1,653.43	3/4	1,290.98	3/4	929.02	3/4	566.59	3/4	204.16	3/4		3/4	
2	2,733.18	2	2,370.77	2	2,008.32	2	1,645.88	2	1,283.43	2	921.48	2	559.04	2	196.61	2		2	
1/4	2,725.63	1/4	2,363.22	1/4	2,000.77	1/4	1,638.33	1/4	1,275.88	1/4	913.93	1/4	551.49	1/4	189.06	1/4		1/4	
1/2	2,718.08	1/2	2,355.67	1/2	1,993.22	1/2	1,630.77	1/2	1,268.33	1/2	906.37	1/2	543.94	1/2	181.51	1/2		1/2	
3/4	2,710.53	3/4	2,348.12	3/4	1,985.67	3/4	1,623.22	3/4	1,260.78	3/4	898.82	3/4	536.39	3/4	173.96	3/4		3/4	
3	2,702.98	3	2,340.57	3	1,978.12	3	1,615.67	3	1,253.22	3	891.27	3	528.84	3	166.41	3		3	
1/4	2,695.44	1/4	2,333.02	1/4	1,970.57	1/4	1,608.12	1/4	1,245.68	1/4	883.72	1/4	521.29	1/4	158.86	1/4		1/4	
1/2	2,687.89	1/2	2,325.47	1/2	1,963.02	1/2	1,600.57	1/2	1,238.13	1/2	876.17	1/2	513.74	1/2	151.30	1/2		1/2	
3/4	2,680.34	3/4	2,317.92	3/4	1,955.47	3/4	1,593.02	3/4	1,230.59	3/4	868.62	3/4	506.19	3/4	143.75	3/4		3/4	
4	2,672.79	4	2,310.36	4	1,947.92	4	1,585.47	4	1,223.05	4	861.07	4	498.64	4	136.20	4		4	
1/4	2,665.24	1/4	2,302.81	1/4	1,940.37	1/4	1,577.92	1/4	1,215.51	1/4	853.52	1/4	491.09	1/4	128.65	1/4		1/4	
1/2	2,657.69	1/2	2,295.26	1/2	1,932.81	1/2	1,570.37	1/2	1,207.97	1/2	845.97	1/2	483.54	1/2	121.10	1/2		1/2	
3/4	2,650.15	3/4	2,287.71	3/4	1,925.26	3/4	1,562.82	3/4	1,200.43	3/4	838.42	3/4	475.98	3/4	113.55	3/4		3/4	
5	2,642.60	5	2,280.16	5	1,917.71	5	1,555.26	5	1,192.89	5	830.87	5	468.43	5	106.00	5		5	
1/4	2,635.05	1/4	2,272.61	1/4	1,910.16	1/4	1,547.71	1/4	1,185.35	1/4	823.32	1/4	460.88	1/4	98.76	1/4		1/4	
1/2	2,627.50	1/2	2,265.06	1/2	1,902.61	1/2	1,540.16	1/2	1,177.81	1/2	815.77	1/2	453.33	1/2	91.53	1/2		1/2	
3/4	2,619.95	3/4	2,257.51	3/4	1,895.06	3/4	1,532.61	3/4	1,170.27	3/4	808.22	3/4	445.78	3/4	84.29	3/4		3/4	
6	2,612.40	6	2,249.96	6	1,887.51	6	1,525.06	6	1,162.74	6	800.66	6	438.23	6	77.06	6		6	
1/4	2,604.85	1/4	2,242.41	1/4	1,879.96	1/4	1,517.51	1/4	1,155.20	1/4	793.11	1/4	430.68	1/4	70.76	1/4		1/4	
1/2	2,597.30	1/2	2,234.85	1/2	1,872.41	1/2	1,509.96	1/2	1,147.66	1/2	785.56	1/2	423.13	1/2	64.47	1/2		1/2	
3/4	2,589.75	3/4	2,227.30	3/4	1,864.86	3/4	1,502.41	3/4	1,140.12	3/4	778.01	3/4	415.58	3/4	58.18	3/4		3/4	
7	2,582.20	7	2,219.75	7	1,857.30	7	1,494.86	7	1,132.58	7	770.46	7	408.03	7	51.89	7		7	
1/4	2,574.65	1/4	2,212.20	1/4	1,849.75	1/4	1,487.31	1/4	1,125.04	1/4	762.91	1/4	400.48	1/4	46.86	1/4		1/4	
1/2	2,567.10	1/2	2,204.65	1/2	1,842.20	1/2	1,479.75	1/2	1,117.50	1/2	755.36	1/2	392.93	1/2	41.82	1/2		1/2	
3/4	2,559.55	3/4	2,197.10	3/4	1,834.65	3/4	1,472.20	3/4	1,109.96	3/4	747.81	3/4	385.38	3/4	36.79	3/4		3/4	
8	2,552.00	8	2,189.55	8	1,827.10	8	1,464.65	8	1,102.43	8	740.26	8	377.83	8	31.76	8		8	
1/4	2,544.45	1/4	2,182.00	1/4	1,819.55	1/4	1,457.10	1/4	1,094.89	1/4	732.71	1/4	370.27	1/4	27.98	1/4		1/4	
1/2	2,536.89	1/2	2,174.45	1/2	1,812.00	1/2	1,449.55	1/2	1,087.35	1/2	725.16	1/2	362.72	1/2	24.21	1/2		1/2	
3/4	2,529.34	3/4	2,166.90	3/4	1,804.45	3/4	1,442.00	3/4	1,079.81	3/4	717.61	3/4	355.17	3/4	20.44	3/4		3/4	
9	2,521.79	9	2,159.34	9	1,796.90	9	1,434.45	9	1,072.27	9	710.06	9	347.62	9	16.66	9		9	
1/4	2,514.24	1/4	2,151.79	1/4	1,789.35	1/4	1,426.90	1/4	1,064.73	1/4	702.51	1/4	340.07	1/4	14.15	1/4		1/4	
1/2	2,506.69	1/2	2,144.24	1/2	1,781.79	1/2	1,419.35	1/2	1,057.19	1/2	694.96	1/2	332.52	1/2		1/2		1/2	
3/4	2,499.14	3/4	2,136.69	3/4	1,774.24	3/4	1,411.80	3/4	1,049.66	3/4	687.40	3/4	324.97	3/4		3/4		3/4	
10	2,491.59	10	2,129.14	10	1,766.69	10	1,404.24	10	1,042.12	10	679.85	10	317.42	10		10		10	
1/4	2,484.04	1/4	2,121.59	1/4	1,759.14	1/4	1,396.69	1/4	1,034.58	1/4	672.30	1/4	309.87	1/4		1/4		1/4	
1/2	2,476.49	1/2	2,114.04	1/2	1,751.59	1/2	1,389.14	1/2	1,027.04	1/2	664.75	1/2	302.32	1/2		1/2		1/2	
3/4	2,468.94	3/4	2,106.49	3/4	1,744.04	3/4	1,381.59	3/4	1,019.50	3/4	657.20	3/4	294.77	3/4		3/4		3/4	
11	2,461.38	11	2,098.94	11	1,736.49	11	1,374.04	11	1,011.96	11	649.65	11	287.22	11		11		11	
1/4	2,453.83	1/4	2,091.39	1/4	1,728.94	1/4	1,366.49	1/4	1,004.42	1/4	642.10	1/4	279.67	1/4		1/4		1/4	
1/2	2,446.28	1/2	2,083.83	1/2	1,721.39	1/2	1,358.94	1/2	996.88	1/2	634.55	1/2	272.12	1/2		1/2		1/2	
3/4	2,438.73	3/4	2,076.28	3/4	1,713.84	3/4	1,351.39	3/4	989.35	3/4	627.00	3/4	264.57	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL
RECALCULATED: 03/23/2019 CL
VERIFIED: 03/27/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3012"

1 STBD ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,251.48	0	4,924.28	0	4,587.78	0	4,233.88	0	3,871.53	0	3,509.17	0	3,146.82
1/4		1/4		1/4		1/4	5,247.14	1/4	4,917.45	1/4	4,580.57	1/4	4,226.33	1/4	3,863.98	1/4	3,501.62	1/4	3,139.27
1/2		1/2		1/2		1/2	5,242.81	1/2	4,910.61	1/2	4,573.36	1/2	4,218.79	1/2	3,856.43	1/2	3,494.08	1/2	3,131.72
3/4		3/4		3/4		3/4	5,238.48	3/4	4,903.78	3/4	4,566.16	3/4	4,211.24	3/4	3,848.88	3/4	3,486.53	3/4	3,124.17
1		1		1		1	5,232.90	1	4,896.92	1	4,558.93	1	4,203.69	1	3,841.33	1	3,478.98	1	3,116.62
1/4		1/4		1/4		1/4	5,227.33	1/4	4,890.05	1/4	4,551.69	1/4	4,196.14	1/4	3,833.78	1/4	3,471.43	1/4	3,109.07
1/2		1/2		1/2		1/2	5,221.75	1/2	4,883.19	1/2	4,544.46	1/2	4,188.59	1/2	3,826.24	1/2	3,463.88	1/2	3,101.52
3/4		3/4		3/4		3/4	5,216.17	3/4	4,876.33	3/4	4,537.23	3/4	4,181.04	3/4	3,818.69	3/4	3,456.33	3/4	3,093.97
2		2		2		2	5,209.43	2	4,869.43	2	4,529.96	2	4,173.49	2	3,811.14	2	3,448.78	2	3,086.42
1/4		1/4		1/4		1/4	5,202.69	1/4	4,862.54	1/4	4,522.70	1/4	4,165.95	1/4	3,803.59	1/4	3,441.23	1/4	3,078.87
1/2		1/2		1/2		1/2	5,195.95	1/2	4,855.65	1/2	4,515.43	1/2	4,158.40	1/2	3,796.04	1/2	3,433.68	1/2	3,071.33
3/4		3/4		3/4		3/4	5,189.20	3/4	4,848.76	3/4	4,508.17	3/4	4,150.85	3/4	3,788.49	3/4	3,426.13	3/4	3,063.78
3		3		3		3	5,181.83	3	4,841.84	3	4,500.87	3	4,143.30	3	3,780.94	3	3,418.58	3	3,056.23
1/4		1/4		1/4		1/4	5,174.46	1/4	4,834.92	1/4	4,493.58	1/4	4,135.75	1/4	3,773.39	1/4	3,411.04	1/4	3,048.68
1/2		1/2		1/2		1/2	5,167.09	1/2	4,828.00	1/2	4,486.28	1/2	4,128.20	1/2	3,765.84	1/2	3,403.49	1/2	3,041.13
3/4		3/4		3/4		3/4	5,159.72	3/4	4,821.08	3/4	4,478.98	3/4	4,120.65	3/4	3,758.29	3/4	3,395.94	3/4	3,033.58
4		4		4		4	5,152.27	4	4,814.13	4	4,471.66	4	4,113.10	4	3,750.74	4	3,388.39	4	3,026.03
1/4		1/4		1/4		1/4	5,144.82	1/4	4,807.19	1/4	4,464.34	1/4	4,105.55	1/4	3,743.20	1/4	3,380.84	1/4	3,018.48
1/2		1/2		1/2		1/2	5,137.37	1/2	4,800.24	1/2	4,457.01	1/2	4,098.00	1/2	3,735.65	1/2	3,373.29	1/2	3,010.93
3/4		3/4		3/4		3/4	5,129.92	3/4	4,793.29	3/4	4,449.69	3/4	4,090.45	3/4	3,728.10	3/4	3,365.74	3/4	3,003.38
5		5		5		5	5,122.46	5	4,786.32	5	4,442.34	5	4,082.91	5	3,720.55	5	3,358.19	5	2,995.83
1/4		1/4		1/4		1/4	5,115.01	1/4	4,779.34	1/4	4,434.99	1/4	4,075.36	1/4	3,713.00	1/4	3,350.64	1/4	2,988.29
1/2		1/2		1/2		1/2	5,107.56	1/2	4,772.37	1/2	4,427.64	1/2	4,067.81	1/2	3,705.45	1/2	3,343.09	1/2	2,980.74
3/4		3/4		3/4		3/4	5,100.11	3/4	4,765.39	3/4	4,420.28	3/4	4,060.26	3/4	3,697.90	3/4	3,335.54	3/4	2,973.19
6		6		6		6	5,092.66	6	4,758.39	6	4,412.90	6	4,052.71	6	3,690.35	6	3,328.00	6	2,965.64
1/4		1/4		1/4		1/4	5,085.21	1/4	4,751.38	1/4	4,405.53	1/4	4,045.16	1/4	3,682.80	1/4	3,320.45	1/4	2,958.09
1/2		1/2		1/2		1/2	5,077.76	1/2	4,744.37	1/2	4,398.15	1/2	4,037.61	1/2	3,675.25	1/2	3,312.90	1/2	2,950.54
3/4		3/4		3/4		3/4	5,070.31	3/4	4,737.37	3/4	4,390.77	3/4	4,030.06	3/4	3,667.70	3/4	3,305.35	3/4	2,942.99
7		7		7		7	5,062.86	7	4,730.31	7	4,383.36	7	4,022.51	7	3,660.16	7	3,297.80	7	2,935.44
1/4		1/4		1/4		1/4	5,055.41	1/4	4,723.26	1/4	4,375.95	1/4	4,014.96	1/4	3,652.61	1/4	3,290.25	1/4	2,927.89
1/2		1/2		1/2		1/2	5,047.96	1/2	4,716.21	1/2	4,368.55	1/2	4,007.41	1/2	3,645.06	1/2	3,282.70	1/2	2,920.34
3/4		3/4		3/4		3/4	5,040.51	3/4	4,709.16	3/4	4,361.14	3/4	3,999.87	3/4	3,637.51	3/4	3,275.15	3/4	2,912.79
8		8		8		8	5,033.45	8	4,702.06	8	4,353.70	8	3,992.32	8	3,629.96	8	3,267.60	8	2,905.25
1/4		1/4		1/4		1/4	5,026.39	1/4	4,694.97	1/4	4,346.26	1/4	3,984.77	1/4	3,622.41	1/4	3,260.05	1/4	2,897.70
1/2		1/2		1/2		1/2	5,019.34	1/2	4,687.88	1/2	4,338.83	1/2	3,977.22	1/2	3,614.86	1/2	3,252.50	1/2	2,890.15
3/4		3/4		3/4		3/4	5,012.28	3/4	4,680.78	3/4	4,331.39	3/4	3,969.67	3/4	3,607.31	3/4	3,244.96	3/4	2,882.60
9		9		9		9	5,005.57	9	4,673.66	9	4,323.92	9	3,962.12	9	3,599.76	9	3,237.41	9	2,875.05
1/4		1/4		1/4		1/4	4,998.85	1/4	4,666.54	1/4	4,316.45	1/4	3,954.57	1/4	3,592.21	1/4	3,229.86	1/4	2,867.50
1/2		1/2		1/2		1/2	4,992.14	1/2	4,659.41	1/2	4,308.98	1/2	3,947.02	1/2	3,584.66	1/2	3,222.31	1/2	2,859.95
3/4		3/4		3/4		3/4	4,985.43	3/4	4,652.29	3/4	4,301.51	3/4	3,939.47	3/4	3,577.12	3/4	3,214.76	3/4	2,852.40
10		10		10		10	4,978.65	10	4,645.14	10	4,294.01	10	3,931.92	10	3,569.57	10	3,207.21	10	2,844.85
1/4		1/4		1/4		1/4	4,971.88	1/4	4,637.99	1/4	4,286.52	1/4	3,924.37	1/4	3,562.02	1/4	3,199.66	1/4	2,837.30
1/2		1/2		1/2		1/2	4,965.10	1/2	4,630.84	1/2	4,279.02	1/2	3,916.83	1/2	3,554.47	1/2	3,192.11	1/2	2,829.75
3/4		3/4		3/4		3/4	4,958.32	3/4	4,623.69	3/4	4,271.52	3/4	3,909.28	3/4	3,546.92	3/4	3,184.56	3/4	2,822.21
11		11		11		11	4,951.52	11	4,616.51	11	4,264.00	11	3,901.73	11	3,539.37	11	3,177.01	11	2,814.66
1/4		1/4		1/4		1/4	4,944.72	1/4	4,609.34	1/4	4,256.47	1/4	3,894.18	1/4	3,531.82	1/4	3,169.46	1/4	2,807.11
1/2		1/2		1/2		1/2	4,937.92	1/2	4,602.16	1/2	4,248.95	1/2	3,886.63	1/2	3,524.27	1/2	3,161.91	1/2	2,799.56
3/4		3/4		3/4		3/4	4,931.11	3/4	4,594.98	3/4	4,241.42	3/4	3,879.08	3/4	3,516.72	3/4	3,154.37	3/4	2,792.01

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 47'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3012"

1 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,784.46	0	2,422.03	0	2,059.54	0	1,697.05	0	1,334.55	0	974.03	0	611.97	0	249.49	0		0	
1/4	2,776.91	1/4	2,414.48	1/4	2,051.98	1/4	1,689.49	1/4	1,327.00	1/4	966.53	1/4	604.42	1/4	241.94	1/4		1/4	
1/2	2,769.36	1/2	2,406.92	1/2	2,044.43	1/2	1,681.94	1/2	1,319.45	1/2	959.03	1/2	596.87	1/2	234.39	1/2		1/2	
3/4	2,761.81	3/4	2,399.37	3/4	2,036.88	3/4	1,674.39	3/4	1,311.90	3/4	951.53	3/4	589.32	3/4	226.84	3/4		3/4	
1	2,754.26	1	2,391.82	1	2,029.33	1	1,666.84	1	1,304.35	1	944.03	1	581.76	1	219.29	1		1	
1/4	2,746.71	1/4	2,384.27	1/4	2,021.78	1/4	1,659.29	1/4	1,296.79	1/4	936.52	1/4	574.21	1/4	211.74	1/4		1/4	
1/2	2,739.17	1/2	2,376.72	1/2	2,014.22	1/2	1,651.73	1/2	1,289.24	1/2	929.01	1/2	566.66	1/2	204.18	1/2		1/2	
3/4	2,731.62	3/4	2,369.16	3/4	2,006.67	3/4	1,644.18	3/4	1,281.69	3/4	921.51	3/4	559.11	3/4	196.63	3/4		3/4	
2	2,724.07	2	2,361.61	2	1,999.12	2	1,636.63	2	1,274.16	2	913.98	2	551.56	2	189.08	2		2	
1/4	2,716.52	1/4	2,354.06	1/4	1,991.57	1/4	1,629.08	1/4	1,266.63	1/4	906.44	1/4	544.01	1/4	181.53	1/4		1/4	
1/2	2,708.97	1/2	2,346.51	1/2	1,984.02	1/2	1,621.53	1/2	1,259.09	1/2	898.91	1/2	536.45	1/2	173.98	1/2		1/2	
3/4	2,701.42	3/4	2,338.96	3/4	1,976.47	3/4	1,613.97	3/4	1,251.56	3/4	891.38	3/4	528.90	3/4	166.43	3/4		3/4	
3	2,693.87	3	2,331.40	3	1,968.91	3	1,606.42	3	1,244.06	3	883.83	3	521.35	3	158.87	3		3	
1/4	2,686.32	1/4	2,323.85	1/4	1,961.36	1/4	1,598.87	1/4	1,236.55	1/4	876.28	1/4	513.80	1/4	151.32	1/4		1/4	
1/2	2,678.77	1/2	2,316.30	1/2	1,953.81	1/2	1,591.32	1/2	1,229.04	1/2	868.72	1/2	506.25	1/2	143.77	1/2		1/2	
3/4	2,671.22	3/4	2,308.75	3/4	1,946.26	3/4	1,583.77	3/4	1,221.54	3/4	861.17	3/4	498.70	3/4	136.22	3/4		3/4	
4	2,663.67	4	2,301.20	4	1,938.71	4	1,576.21	4	1,214.03	4	853.62	4	491.14	4	128.67	4		4	
1/4	2,656.13	1/4	2,293.65	1/4	1,931.15	1/4	1,568.66	1/4	1,206.53	1/4	846.07	1/4	483.59	1/4	121.12	1/4		1/4	
1/2	2,648.58	1/2	2,286.09	1/2	1,923.60	1/2	1,561.11	1/2	1,199.03	1/2	838.52	1/2	476.04	1/2	113.56	1/2		1/2	
3/4	2,641.03	3/4	2,278.54	3/4	1,916.05	3/4	1,553.56	3/4	1,191.53	3/4	830.97	3/4	468.49	3/4	106.01	3/4		3/4	
5	2,633.48	5	2,270.99	5	1,908.50	5	1,546.01	5	1,184.03	5	823.42	5	460.94	5	98.78	5		5	
1/4	2,625.93	1/4	2,263.44	1/4	1,900.95	1/4	1,538.46	1/4	1,176.53	1/4	815.86	1/4	453.39	1/4	91.54	1/4		1/4	
1/2	2,618.38	1/2	2,255.89	1/2	1,893.39	1/2	1,530.90	1/2	1,169.03	1/2	808.31	1/2	445.84	1/2	84.30	1/2		1/2	
3/4	2,610.83	3/4	2,248.33	3/4	1,885.84	3/4	1,523.35	3/4	1,161.53	3/4	800.76	3/4	438.28	3/4	77.07	3/4		3/4	
6	2,603.27	6	2,240.78	6	1,878.29	6	1,515.80	6	1,154.03	6	793.21	6	430.73	6	70.77	6		6	
1/4	2,595.72	1/4	2,233.23	1/4	1,870.74	1/4	1,508.25	1/4	1,146.53	1/4	785.66	1/4	423.18	1/4	64.48	1/4		1/4	
1/2	2,588.17	1/2	2,225.68	1/2	1,863.19	1/2	1,500.70	1/2	1,139.03	1/2	778.11	1/2	415.63	1/2	58.19	1/2		1/2	
3/4	2,580.62	3/4	2,218.13	3/4	1,855.64	3/4	1,493.14	3/4	1,131.53	3/4	770.55	3/4	408.08	3/4	51.90	3/4		3/4	
7	2,573.07	7	2,210.57	7	1,848.08	7	1,485.59	7	1,124.03	7	763.00	7	400.53	7	46.86	7		7	
1/4	2,565.51	1/4	2,203.02	1/4	1,840.53	1/4	1,478.04	1/4	1,116.53	1/4	755.45	1/4	392.97	1/4	41.83	1/4		1/4	
1/2	2,557.96	1/2	2,195.47	1/2	1,832.98	1/2	1,470.49	1/2	1,109.03	1/2	747.90	1/2	385.42	1/2	36.80	1/2		1/2	
3/4	2,550.41	3/4	2,187.92	3/4	1,825.43	3/4	1,462.94	3/4	1,101.53	3/4	740.35	3/4	377.87	3/4	31.76	3/4		3/4	
8	2,542.86	8	2,180.37	8	1,817.88	8	1,455.38	8	1,094.03	8	732.80	8	370.32	8	27.99	8		8	
1/4	2,535.31	1/4	2,172.81	1/4	1,810.32	1/4	1,447.83	1/4	1,086.53	1/4	725.24	1/4	362.77	1/4	24.21	1/4		1/4	
1/2	2,527.75	1/2	2,165.26	1/2	1,802.77	1/2	1,440.28	1/2	1,079.03	1/2	717.69	1/2	355.22	1/2	20.44	1/2		1/2	
3/4	2,520.20	3/4	2,157.71	3/4	1,795.22	3/4	1,432.73	3/4	1,071.53	3/4	710.14	3/4	347.66	3/4	16.66	3/4		3/4	
9	2,512.65	9	2,150.16	9	1,787.67	9	1,425.18	9	1,064.03	9	702.59	9	340.11	9	14.15	9		9	
1/4	2,505.10	1/4	2,142.61	1/4	1,780.12	1/4	1,417.62	1/4	1,056.53	1/4	695.04	1/4	332.56	1/4		1/4		1/4	
1/2	2,497.55	1/2	2,135.06	1/2	1,772.56	1/2	1,410.07	1/2	1,049.03	1/2	687.49	1/2	325.01	1/2		1/2		1/2	
3/4	2,489.99	3/4	2,127.50	3/4	1,765.01	3/4	1,402.52	3/4	1,041.53	3/4	679.93	3/4	317.46	3/4		3/4		3/4	
10	2,482.44	10	2,119.95	10	1,757.46	10	1,394.97	10	1,034.03	10	672.38	10	309.91	10		10		10	
1/4	2,474.89	1/4	2,112.40	1/4	1,749.91	1/4	1,387.42	1/4	1,026.53	1/4	664.83	1/4	302.35	1/4		1/4		1/4	
1/2	2,467.34	1/2	2,104.85	1/2	1,742.36	1/2	1,379.87	1/2	1,019.03	1/2	657.28	1/2	294.80	1/2		1/2		1/2	
3/4	2,459.79	3/4	2,097.30	3/4	1,734.80	3/4	1,372.31	3/4	1,011.53	3/4	649.73	3/4	287.25	3/4		3/4		3/4	
11	2,452.24	11	2,089.74	11	1,727.25	11	1,364.76	11	1,004.03	11	642.18	11	279.70	11		11		11	
1/4	2,444.68	1/4	2,082.19	1/4	1,719.70	1/4	1,357.21	1/4	996.53	1/4	634.63	1/4	272.15	1/4		1/4		1/4	
1/2	2,437.13	1/2	2,074.64	1/2	1,712.15	1/2	1,349.66	1/2	989.03	1/2	627.07	1/2	264.60	1/2		1/2		1/2	
3/4	2,429.58	3/4	2,067.09	3/4	1,704.60	3/4	1,342.11	3/4	981.53	3/4	619.52	3/4	257.05	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL
RECALCULATED: 03/23/2019 CL
VERIFIED: 03/27/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "HTCO 3012"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 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		0	4,919.39	0	4,584.18	0	4,231.60	0	3,870.27	0	3,508.91	0	3,147.55
1/4		1/4		1/4		1/4	5,238.87	1/4	4,912.57	1/4	4,577.00	1/4	4,224.08	1/4	3,862.74	1/4	3,501.38	1/4	3,140.02
1/2		1/2		1/2		1/2	5,234.55	1/2	4,905.76	1/2	4,569.81	1/2	4,216.55	1/2	3,855.21	1/2	3,493.85	1/2	3,132.49
3/4		3/4		3/4		3/4	5,230.23	3/4	4,898.95	3/4	4,562.63	3/4	4,209.03	3/4	3,847.68	3/4	3,486.32	3/4	3,124.96
1		1		1		1	5,225.91	1	4,892.13	1	4,555.44	1	4,201.51	1	3,840.15	1	3,478.79	1	3,117.44
1/4		1/4		1/4		1/4	5,220.34	1/4	4,885.29	1/4	4,548.23	1/4	4,193.98	1/4	3,832.62	1/4	3,471.27	1/4	3,109.91
1/2		1/2		1/2		1/2	5,214.78	1/2	4,878.44	1/2	4,541.01	1/2	4,186.45	1/2	3,825.10	1/2	3,463.74	1/2	3,102.38
3/4		3/4		3/4		3/4	5,209.22	3/4	4,871.60	3/4	4,533.80	3/4	4,178.93	3/4	3,817.57	3/4	3,456.21	3/4	3,094.85
2		2		2		2	5,203.66	2	4,864.75	2	4,526.59	2	4,171.40	2	3,810.04	2	3,448.68	2	3,087.32
1/4		1/4		1/4		1/4	5,196.94	1/4	4,857.88	1/4	4,519.34	1/4	4,163.87	1/4	3,802.51	1/4	3,441.15	1/4	3,079.79
1/2		1/2		1/2		1/2	5,190.21	1/2	4,851.01	1/2	4,512.10	1/2	4,156.34	1/2	3,794.98	1/2	3,433.62	1/2	3,072.27
3/4		3/4		3/4		3/4	5,183.49	3/4	4,844.13	3/4	4,504.85	3/4	4,148.81	3/4	3,787.45	3/4	3,426.10	3/4	3,064.74
3		3		3		3	5,176.76	3	4,837.26	3	4,497.61	3	4,141.28	3	3,779.93	3	3,418.57	3	3,057.21
1/4		1/4		1/4		1/4	5,169.41	1/4	4,830.36	1/4	4,490.33	1/4	4,133.76	1/4	3,772.40	1/4	3,411.04	1/4	3,049.68
1/2		1/2		1/2		1/2	5,162.06	1/2	4,823.46	1/2	4,483.06	1/2	4,126.23	1/2	3,764.87	1/2	3,403.51	1/2	3,042.15
3/4		3/4		3/4		3/4	5,154.71	3/4	4,816.56	3/4	4,475.78	3/4	4,118.70	3/4	3,757.34	3/4	3,395.98	3/4	3,034.62
4		4		4		4	5,147.36	4	4,809.66	4	4,468.51	4	4,111.17	4	3,749.81	4	3,388.45	4	3,027.10
1/4		1/4		1/4		1/4	5,139.93	1/4	4,802.73	1/4	4,461.20	1/4	4,103.64	1/4	3,742.28	1/4	3,380.93	1/4	3,019.57
1/2		1/2		1/2		1/2	5,132.50	1/2	4,795.80	1/2	4,453.90	1/2	4,096.11	1/2	3,734.76	1/2	3,373.40	1/2	3,012.04
3/4		3/4		3/4		3/4	5,125.07	3/4	4,788.87	3/4	4,446.59	3/4	4,088.59	3/4	3,727.23	3/4	3,365.87	3/4	3,004.51
5		5		5		5	5,117.64	5	4,781.95	5	4,439.29	5	4,081.06	5	3,719.70	5	3,358.34	5	2,996.98
1/4		1/4		1/4		1/4	5,110.21	1/4	4,774.99	1/4	4,431.96	1/4	4,073.53	1/4	3,712.17	1/4	3,350.81	1/4	2,989.45
1/2		1/2		1/2		1/2	5,102.78	1/2	4,768.04	1/2	4,424.63	1/2	4,066.00	1/2	3,704.64	1/2	3,343.29	1/2	2,981.93
3/4		3/4		3/4		3/4	5,095.35	3/4	4,761.08	3/4	4,417.30	3/4	4,058.47	3/4	3,697.12	3/4	3,335.76	3/4	2,974.40
6		6		6		6	5,087.92	6	4,754.12	6	4,409.97	6	4,050.95	6	3,689.59	6	3,328.23	6	2,966.87
1/4		1/4		1/4		1/4	5,080.49	1/4	4,747.14	1/4	4,402.61	1/4	4,043.42	1/4	3,682.06	1/4	3,320.70	1/4	2,959.34
1/2		1/2		1/2		1/2	5,073.06	1/2	4,740.15	1/2	4,395.25	1/2	4,035.89	1/2	3,674.53	1/2	3,313.17	1/2	2,951.81
3/4		3/4		3/4		3/4	5,065.63	3/4	4,733.16	3/4	4,387.89	3/4	4,028.36	3/4	3,667.00	3/4	3,305.64	3/4	2,944.29
7		7		7		7	5,058.20	7	4,726.18	7	4,380.53	7	4,020.83	7	3,659.47	7	3,298.12	7	2,936.76
1/4		1/4		1/4		1/4	5,050.77	1/4	4,719.14	1/4	4,373.15	1/4	4,013.30	1/4	3,651.95	1/4	3,290.59	1/4	2,929.23
1/2		1/2		1/2		1/2	5,043.34	1/2	4,712.11	1/2	4,365.76	1/2	4,005.78	1/2	3,644.42	1/2	3,283.06	1/2	2,921.70
3/4		3/4		3/4		3/4	5,035.91	3/4	4,705.08	3/4	4,358.37	3/4	3,998.25	3/4	3,636.89	3/4	3,275.53	3/4	2,914.17
8		8		8		8	5,028.48	8	4,698.05	8	4,350.99	8	3,990.72	8	3,629.36	8	3,268.00	8	2,906.64
1/4		1/4		1/4		1/4	5,021.44	1/4	4,690.97	1/4	4,343.57	1/4	3,983.19	1/4	3,621.83	1/4	3,260.47	1/4	2,899.12
1/2		1/2		1/2		1/2	5,014.40	1/2	4,683.90	1/2	4,336.15	1/2	3,975.66	1/2	3,614.30	1/2	3,252.95	1/2	2,891.59
3/4		3/4		3/4		3/4	5,007.37	3/4	4,676.82	3/4	4,328.73	3/4	3,968.13	3/4	3,606.78	3/4	3,245.42	3/4	2,884.06
9		9		9		9	5,000.33	9	4,669.75	9	4,321.32	9	3,960.61	9	3,599.25	9	3,237.89	9	2,876.53
1/4		1/4		1/4		1/4	4,993.63	1/4	4,662.64	1/4	4,313.87	1/4	3,953.08	1/4	3,591.72	1/4	3,230.36	1/4	2,869.00
1/2		1/2		1/2		1/2	4,986.94	1/2	4,655.54	1/2	4,306.42	1/2	3,945.55	1/2	3,584.19	1/2	3,222.83	1/2	2,861.47
3/4		3/4		3/4		3/4	4,980.25	3/4	4,648.44	3/4	4,298.97	3/4	3,938.02	3/4	3,576.66	3/4	3,215.30	3/4	2,853.95
10		10		10		10	4,973.55	10	4,641.34	10	4,291.52	10	3,930.49	10	3,569.13	10	3,207.78	10	2,846.42
1/4		1/4		1/4		1/4	4,966.80	1/4	4,634.21	1/4	4,284.04	1/4	3,922.96	1/4	3,561.61	1/4	3,200.25	1/4	2,838.89
1/2		1/2		1/2		1/2	4,960.04	1/2	4,627.08	1/2	4,276.57	1/2	3,915.44	1/2	3,554.08	1/2	3,192.72	1/2	2,831.36
3/4		3/4		3/4		3/4	4,953.28	3/4	4,619.94	3/4	4,269.09	3/4	3,907.91	3/4	3,546.55	3/4	3,185.19	3/4	2,823.83
11		11		11		11	4,946.52	11	4,612.81	11	4,261.62	11	3,900.38	11	3,539.02	11	3,177.66	11	2,816.30
1/4		1/4		1/4		1/4	4,939.74	1/4	4,605.66	1/4	4,254.11	1/4	3,892.85	1/4	3,531.49	1/4	3,170.13	1/4	2,808.78
1/2		1/2		1/2		1/2	4,932.96	1/2	4,598.50	1/2	4,246.61	1/2	3,885.32	1/2	3,523.96	1/2	3,162.61	1/2	2,801.25
3/4		3/4		3/4		3/4	4,926.17	3/4	4,591.34	3/4	4,239.10	3/4	3,877.79	3/4	3,516.44	3/4	3,155.08	3/4	2,793.72

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 47'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3012"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 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	2,786.19	0	2,424.77	0	2,063.28	0	1,701.78	0	1,340.29	0	979.22	0	617.82	0	256.34	0		0	
1/4	2,778.66	1/4	2,417.24	1/4	2,055.74	1/4	1,694.25	1/4	1,332.76	1/4	971.70	1/4	610.28	1/4	248.81	1/4		1/4	
1/2	2,771.13	1/2	2,409.71	1/2	2,048.21	1/2	1,686.72	1/2	1,325.23	1/2	964.18	1/2	602.75	1/2	241.28	1/2		1/2	
3/4	2,763.61	3/4	2,402.18	3/4	2,040.68	3/4	1,679.19	3/4	1,317.70	3/4	956.66	3/4	595.22	3/4	233.74	3/4		3/4	
1	2,756.08	1	2,394.64	1	2,033.15	1	1,671.66	1	1,310.17	1	949.14	1	587.69	1	226.21	1		1	
1/4	2,748.55	1/4	2,387.11	1/4	2,025.62	1/4	1,664.13	1/4	1,302.63	1/4	941.62	1/4	580.16	1/4	218.68	1/4		1/4	
1/2	2,741.02	1/2	2,379.58	1/2	2,018.09	1/2	1,656.60	1/2	1,295.10	1/2	934.09	1/2	572.63	1/2	211.15	1/2		1/2	
3/4	2,733.49	3/4	2,372.05	3/4	2,010.56	3/4	1,649.07	3/4	1,287.57	3/4	926.57	3/4	565.10	3/4	203.62	3/4		3/4	
2	2,725.96	2	2,364.52	2	2,003.03	2	1,641.53	2	1,280.04	2	919.05	2	557.57	2	196.09	2		2	
1/4	2,718.44	1/4	2,356.99	1/4	1,995.50	1/4	1,634.00	1/4	1,272.51	1/4	911.52	1/4	550.04	1/4	188.56	1/4		1/4	
1/2	2,710.91	1/2	2,349.46	1/2	1,987.96	1/2	1,626.47	1/2	1,264.98	1/2	903.99	1/2	542.51	1/2	181.03	1/2		1/2	
3/4	2,703.38	3/4	2,341.93	3/4	1,980.43	3/4	1,618.94	3/4	1,257.45	3/4	896.46	3/4	534.98	3/4	173.50	3/4		3/4	
3	2,695.85	3	2,334.40	3	1,972.90	3	1,611.41	3	1,249.92	3	888.92	3	527.45	3	165.97	3		3	
1/4	2,688.32	1/4	2,326.86	1/4	1,965.37	1/4	1,603.88	1/4	1,242.39	1/4	881.39	1/4	519.92	1/4	158.44	1/4		1/4	
1/2	2,680.79	1/2	2,319.33	1/2	1,957.84	1/2	1,596.35	1/2	1,234.87	1/2	873.86	1/2	512.38	1/2	150.91	1/2		1/2	
3/4	2,673.27	3/4	2,311.80	3/4	1,950.31	3/4	1,588.82	3/4	1,227.34	3/4	866.33	3/4	504.85	3/4	143.38	3/4		3/4	
4	2,665.74	4	2,304.27	4	1,942.78	4	1,581.29	4	1,219.82	4	858.80	4	497.32	4	135.84	4		4	
1/4	2,658.21	1/4	2,296.74	1/4	1,935.25	1/4	1,573.75	1/4	1,212.30	1/4	851.27	1/4	489.79	1/4	128.31	1/4		1/4	
1/2	2,650.68	1/2	2,289.21	1/2	1,927.72	1/2	1,566.22	1/2	1,204.78	1/2	843.74	1/2	482.26	1/2	120.78	1/2		1/2	
3/4	2,643.15	3/4	2,281.68	3/4	1,920.18	3/4	1,558.69	3/4	1,197.26	3/4	836.21	3/4	474.73	3/4	113.25	3/4		3/4	
5	2,635.62	5	2,274.15	5	1,912.65	5	1,551.16	5	1,189.74	5	828.68	5	467.20	5	105.72	5		5	
1/4	2,628.10	1/4	2,266.62	1/4	1,905.12	1/4	1,543.63	1/4	1,182.22	1/4	821.15	1/4	459.67	1/4	98.50	1/4		1/4	
1/2	2,620.57	1/2	2,259.08	1/2	1,897.59	1/2	1,536.10	1/2	1,174.71	1/2	813.62	1/2	452.14	1/2	91.29	1/2		1/2	
3/4	2,613.04	3/4	2,251.55	3/4	1,890.06	3/4	1,528.57	3/4	1,167.19	3/4	806.09	3/4	444.61	3/4	84.07	3/4		3/4	
6	2,605.51	6	2,244.02	6	1,882.53	6	1,521.04	6	1,159.67	6	798.55	6	437.08	6	76.85	6		6	
1/4	2,597.98	1/4	2,236.49	1/4	1,875.00	1/4	1,513.51	1/4	1,152.15	1/4	791.02	1/4	429.55	1/4	70.58	1/4		1/4	
1/2	2,590.45	1/2	2,228.96	1/2	1,867.47	1/2	1,505.97	1/2	1,144.63	1/2	783.49	1/2	422.01	1/2	64.30	1/2		1/2	
3/4	2,582.92	3/4	2,221.43	3/4	1,859.94	3/4	1,498.44	3/4	1,137.11	3/4	775.96	3/4	414.48	3/4	58.03	3/4		3/4	
7	2,575.39	7	2,213.90	7	1,852.40	7	1,490.91	7	1,129.59	7	768.43	7	406.95	7	51.75	7		7	
1/4	2,567.86	1/4	2,206.37	1/4	1,844.87	1/4	1,483.38	1/4	1,122.07	1/4	760.90	1/4	399.42	1/4	46.73	1/4		1/4	
1/2	2,560.33	1/2	2,198.84	1/2	1,837.34	1/2	1,475.85	1/2	1,114.56	1/2	753.37	1/2	391.89	1/2	41.71	1/2		1/2	
3/4	2,552.80	3/4	2,191.30	3/4	1,829.81	3/4	1,468.32	3/4	1,107.04	3/4	745.84	3/4	384.36	3/4	36.69	3/4		3/4	
8	2,545.27	8	2,183.77	8	1,822.28	8	1,460.79	8	1,099.52	8	738.31	8	376.83	8	31.67	8		8	
1/4	2,537.73	1/4	2,176.24	1/4	1,814.75	1/4	1,453.26	1/4	1,092.00	1/4	730.78	1/4	369.30	1/4	27.91	1/4		1/4	
1/2	2,530.20	1/2	2,168.71	1/2	1,807.22	1/2	1,445.73	1/2	1,084.48	1/2	723.25	1/2	361.77	1/2	24.15	1/2		1/2	
3/4	2,522.67	3/4	2,161.18	3/4	1,799.69	3/4	1,438.19	3/4	1,076.96	3/4	715.72	3/4	354.24	3/4	20.38	3/4		3/4	
9	2,515.14	9	2,153.65	9	1,792.16	9	1,430.66	9	1,069.44	9	708.19	9	346.71	9	16.62	9		9	
1/4	2,507.61	1/4	2,146.12	1/4	1,784.62	1/4	1,423.13	1/4	1,061.92	1/4	700.65	1/4	339.18	1/4	14.11	1/4		1/4	
1/2	2,500.08	1/2	2,138.59	1/2	1,777.09	1/2	1,415.60	1/2	1,054.40	1/2	693.12	1/2	331.65	1/2		1/2		1/2	
3/4	2,492.55	3/4	2,131.06	3/4	1,769.56	3/4	1,408.07	3/4	1,046.89	3/4	685.59	3/4	324.11	3/4		3/4		3/4	
10	2,485.02	10	2,123.52	10	1,762.03	10	1,400.54	10	1,039.37	10	678.06	10	316.58	10		10		10	
1/4	2,477.49	1/4	2,115.99	1/4	1,754.50	1/4	1,393.01	1/4	1,031.85	1/4	670.53	1/4	309.05	1/4		1/4		1/4	
1/2	2,469.96	1/2	2,108.46	1/2	1,746.97	1/2	1,385.48	1/2	1,024.33	1/2	663.00	1/2	301.52	1/2		1/2		1/2	
3/4	2,462.42	3/4	2,100.93	3/4	1,739.44	3/4	1,377.95	3/4	1,016.81	3/4	655.47	3/4	293.99	3/4		3/4		3/4	
11	2,454.89	11	2,093.40	11	1,731.91	11	1,370.41	11	1,009.29	11	647.94	11	286.46	11		11		11	
1/4	2,447.36	1/4	2,085.87	1/4	1,724.38	1/4	1,362.88	1/4	1,001.77	1/4	640.41	1/4	278.93	1/4		1/4		1/4	
1/2	2,439.83	1/2	2,078.34	1/2	1,716.84	1/2	1,355.35	1/2	994.25	1/2	632.88	1/2	271.40	1/2		1/2		1/2	
3/4	2,432.30	3/4	2,070.81	3/4	1,709.31	3/4	1,347.82	3/4	986.74	3/4	625.35	3/4	263.87	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL
RECALCULATED: 03/23/2019 CL
VERIFIED: 03/27/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3012"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

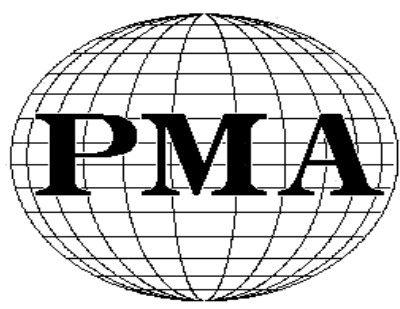
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,214.33	0	4,883.05	0	4,546.73	0	4,193.14	0	3,831.78	0	3,470.43	0	3,109.07		
1/4		1/4		1/4		1/4	5,210.01	1/4	4,876.23	1/4	4,539.54	1/4	4,185.61	1/4	3,824.26	1/4	3,462.90	1/4	3,101.54		
1/2		1/2		1/2		1/2	5,204.45	1/2	4,869.39	1/2	4,532.33	1/2	4,178.09	1/2	3,816.73	1/2	3,455.37	1/2	3,094.01		
3/4		3/4		3/4		3/4	5,198.89	3/4	4,862.54	3/4	4,525.12	3/4	4,170.56	3/4	3,809.20	3/4	3,447.84	3/4	3,086.48		
1		1		1		1	5,193.33	1	4,855.70	1	4,517.90	1	4,163.03	1	3,801.67	1	3,440.31	1	3,078.95		
1/4		1/4		1/4		1/4	5,187.76	1/4	4,848.85	1/4	4,510.69	1/4	4,155.50	1/4	3,794.14	1/4	3,432.78	1/4	3,071.43		
1/2		1/2		1/2		1/2	5,181.04	1/2	4,841.98	1/2	4,503.44	1/2	4,147.97	1/2	3,786.61	1/2	3,425.26	1/2	3,063.90		
3/4		3/4		3/4		3/4	5,174.32	3/4	4,835.11	3/4	4,496.20	3/4	4,140.44	3/4	3,779.09	3/4	3,417.73	3/4	3,056.37		
2		2		2		2	5,167.59	2	4,828.24	2	4,488.96	2	4,132.92	2	3,771.56	2	3,410.20	2	3,048.84		
1/4		1/4		1/4		1/4	5,160.87	1/4	4,821.36	1/4	4,481.71	1/4	4,125.39	1/4	3,764.03	1/4	3,402.67	1/4	3,041.31		
1/2		1/2		1/2		1/2	5,153.51	1/2	4,814.46	1/2	4,474.43	1/2	4,117.86	1/2	3,756.50	1/2	3,395.14	1/2	3,033.78		
3/4		3/4		3/4		3/4	5,146.16	3/4	4,807.56	3/4	4,467.16	3/4	4,110.33	3/4	3,748.97	3/4	3,387.61	3/4	3,026.26		
3		3		3		3	5,138.81	3	4,800.66	3	4,459.88	3	4,102.80	3	3,741.44	3	3,380.09	3	3,018.73		
1/4		1/4		1/4		1/4	5,131.46	1/4	4,793.76	1/4	4,452.61	1/4	4,095.27	1/4	3,733.92	1/4	3,372.56	1/4	3,011.20		
1/2		1/2		1/2		1/2	5,124.03	1/2	4,786.83	1/2	4,445.30	1/2	4,087.75	1/2	3,726.39	1/2	3,365.03	1/2	3,003.67		
3/4		3/4		3/4		3/4	5,116.60	3/4	4,779.91	3/4	4,438.00	3/4	4,080.22	3/4	3,718.86	3/4	3,357.50	3/4	2,996.14		
4		4		4		4	5,109.17	4	4,772.98	4	4,430.70	4	4,072.69	4	3,711.33	4	3,349.97	4	2,988.61		
1/4		1/4		1/4		1/4	5,101.74	1/4	4,766.05	1/4	4,423.39	1/4	4,065.16	1/4	3,703.80	1/4	3,342.44	1/4	2,981.09		
1/2		1/2		1/2		1/2	5,094.31	1/2	4,759.09	1/2	4,416.06	1/2	4,057.63	1/2	3,696.27	1/2	3,334.92	1/2	2,973.56		
3/4		3/4		3/4		3/4	5,086.88	3/4	4,752.14	3/4	4,408.73	3/4	4,050.10	3/4	3,688.75	3/4	3,327.39	3/4	2,966.03		
5		5		5		5	5,079.45	5	4,745.18	5	4,401.40	5	4,042.58	5	3,681.22	5	3,319.86	5	2,958.50		
1/4		1/4		1/4		1/4	5,072.02	1/4	4,738.23	1/4	4,394.07	1/4	4,035.05	1/4	3,673.69	1/4	3,312.33	1/4	2,950.97		
1/2		1/2		1/2		1/2	5,064.59	1/2	4,731.24	1/2	4,386.71	1/2	4,027.52	1/2	3,666.16	1/2	3,304.80	1/2	2,943.44		
3/4		3/4		3/4		3/4	5,057.16	3/4	4,724.25	3/4	4,379.35	3/4	4,019.99	3/4	3,658.63	3/4	3,297.27	3/4	2,935.92		
6		6		6		6	5,049.73	6	4,717.27	6	4,371.99	6	4,012.46	6	3,651.10	6	3,289.75	6	2,928.39		
1/4		1/4		1/4		1/4	5,042.30	1/4	4,710.28	1/4	4,364.63	1/4	4,004.93	1/4	3,643.58	1/4	3,282.22	1/4	2,920.86		
1/2		1/2		1/2		1/2	5,034.87	1/2	4,703.25	1/2	4,357.25	1/2	3,997.41	1/2	3,636.05	1/2	3,274.69	1/2	2,913.33		
3/4		3/4		3/4		3/4	5,027.44	3/4	4,696.21	3/4	4,349.86	3/4	3,989.88	3/4	3,628.52	3/4	3,267.16	3/4	2,905.80		
7		7		7		7	5,020.01	7	4,689.18	7	4,342.48	7	3,982.35	7	3,620.99	7	3,259.63	7	2,898.27		
1/4		1/4		1/4		1/4	5,012.58	1/4	4,682.15	1/4	4,335.09	1/4	3,974.82	1/4	3,613.46	1/4	3,252.10	1/4	2,890.75		
1/2		1/2		1/2		1/2	5,005.54	1/2	4,675.07	1/2	4,327.67	1/2	3,967.29	1/2	3,605.93	1/2	3,244.58	1/2	2,883.22		
3/4		3/4		3/4		3/4	4,998.50	3/4	4,668.00	3/4	4,320.25	3/4	3,959.76	3/4	3,598.41	3/4	3,237.05	3/4	2,875.69		
8		8		8		8	4,991.47	8	4,660.92	8	4,312.84	8	3,952.24	8	3,590.88	8	3,229.52	8	2,868.16		
1/4		1/4		1/4		1/4	4,984.43	1/4	4,653.85	1/4	4,305.42	1/4	3,944.71	1/4	3,583.35	1/4	3,221.99	1/4	2,860.63		
1/2		1/2		1/2		1/2	4,977.74	1/2	4,646.75	1/2	4,297.97	1/2	3,937.18	1/2	3,575.82	1/2	3,214.46	1/2	2,853.10		
3/4		3/4		3/4		3/4	4,971.04	3/4	4,639.64	3/4	4,290.52	3/4	3,929.65	3/4	3,568.29	3/4	3,206.93	3/4	2,845.58		
9		9		9		9	4,964.35	9	4,632.54	9	4,283.07	9	3,922.12	9	3,560.76	9	3,199.41	9	2,838.05		
1/4		1/4		1/4		1/4	4,957.65	1/4	4,625.44	1/4	4,275.62	1/4	3,914.59	1/4	3,553.24	1/4	3,191.88	1/4	2,830.52		
1/2		1/2		1/2		1/2	4,950.90	1/2	4,618.31	1/2	4,268.15	1/2	3,907.07	1/2	3,545.71	1/2	3,184.35	1/2	2,822.99		
3/4		3/4		3/4		3/4	4,944.14	3/4	4,611.18	3/4	4,260.67	3/4	3,899.54	3/4	3,538.18	3/4	3,176.82	3/4	2,815.46		
10		10		10		10	4,937.38	10	4,604.05	10	4,253.19	10	3,892.01	10	3,530.65	10	3,169.29	10	2,807.93		
1/4		1/4		1/4		1/4	4,930.63	1/4	4,596.92	1/4	4,245.72	1/4	3,884.48	1/4	3,523.12	1/4	3,161.76	1/4	2,800.41		
1/2		1/2		1/2		1/2	4,923.84	1/2	4,589.76	1/2	4,238.21	1/2	3,876.95	1/2	3,515.59	1/2	3,154.24	1/2	2,792.88		
3/4		3/4		3/4		3/4	4,917.06	3/4	4,582.60	3/4	4,230.71	3/4	3,869.42	3/4	3,508.07	3/4	3,146.71	3/4	2,785.35		
11		11		11		11	4,910.27	11	4,575.44	11	4,223.20	11	3,861.90	11	3,500.54	11	3,139.18	11	2,777.82		
1/4		1/4		1/4		1/4	4,903.49	1/4	4,568.29	1/4	4,215.70	1/4	3,854.37	1/4	3,493.01	1/4	3,131.65	1/4	2,770.29		
1/2		1/2		1/2		1/2	5,222.97	1/2	4,896.68	1/2	4,561.10	1/2	4,208.18	1/2	3,846.84	1/2	3,485.48	1/2	3,124.12	1/2	2,762.76
3/4		3/4		3/4		3/4	5,218.65	3/4	4,889.86	3/4	4,553.91	3/4	4,200.66	3/4	3,839.31	3/4	3,477.95	3/4	3,116.60	3/4	2,755.24

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 47'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3012"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,747.71	0	2,386.26	0	2,024.77	0	1,663.29	0	1,301.80	0	954.34	0	595.22	0	233.74	0		0	
1/4	2,740.18	1/4	2,378.73	1/4	2,017.24	1/4	1,655.76	1/4	1,294.27	1/4	947.15	1/4	587.69	1/4	226.21	1/4		1/4	
1/2	2,732.65	1/2	2,371.20	1/2	2,009.71	1/2	1,648.22	1/2	1,286.74	1/2	939.96	1/2	580.16	1/2	218.68	1/2		1/2	
3/4	2,725.12	3/4	2,363.67	3/4	2,002.18	3/4	1,640.69	3/4	1,279.21	3/4	932.77	3/4	572.63	3/4	211.15	3/4		3/4	
1	2,717.60	1	2,356.14	1	1,994.65	1	1,633.16	1	1,271.67	1	925.57	1	565.10	1	203.62	1		1	
1/4	2,710.07	1/4	2,348.61	1/4	1,987.12	1/4	1,625.63	1/4	1,264.14	1/4	918.38	1/4	557.57	1/4	196.09	1/4		1/4	
1/2	2,702.54	1/2	2,341.08	1/2	1,979.59	1/2	1,618.10	1/2	1,256.78	1/2	911.02	1/2	550.04	1/2	188.56	1/2		1/2	
3/4	2,695.01	3/4	2,333.55	3/4	1,972.06	3/4	1,610.57	3/4	1,249.41	3/4	903.65	3/4	542.51	3/4	181.03	3/4		3/4	
2	2,687.48	2	2,326.01	2	1,964.53	2	1,603.04	2	1,242.05	2	896.29	2	534.98	2	173.50	2		2	
1/4	2,679.95	1/4	2,318.48	1/4	1,957.00	1/4	1,595.51	1/4	1,234.68	1/4	888.92	1/4	527.45	1/4	165.97	1/4		1/4	
1/2	2,672.43	1/2	2,310.95	1/2	1,949.46	1/2	1,587.98	1/2	1,227.49	1/2	881.39	1/2	519.92	1/2	158.44	1/2		1/2	
3/4	2,664.90	3/4	2,303.42	3/4	1,941.93	3/4	1,580.45	3/4	1,220.29	3/4	873.86	3/4	512.38	3/4	150.91	3/4		3/4	
3	2,657.37	3	2,295.89	3	1,934.40	3	1,572.91	3	1,213.10	3	866.33	3	504.85	3	143.38	3		3	
1/4	2,649.84	1/4	2,288.36	1/4	1,926.87	1/4	1,565.38	1/4	1,205.91	1/4	858.80	1/4	497.32	1/4	135.84	1/4		1/4	
1/2	2,642.31	1/2	2,280.83	1/2	1,919.34	1/2	1,557.85	1/2	1,198.72	1/2	851.27	1/2	489.79	1/2	128.31	1/2		1/2	
3/4	2,634.78	3/4	2,273.30	3/4	1,911.81	3/4	1,550.32	3/4	1,191.53	3/4	843.74	3/4	482.26	3/4	120.78	3/4		3/4	
4	2,627.26	4	2,265.77	4	1,904.28	4	1,542.79	4	1,184.35	4	836.21	4	474.73	4	113.25	4		4	
1/4	2,619.73	1/4	2,258.24	1/4	1,896.75	1/4	1,535.26	1/4	1,177.16	1/4	828.68	1/4	467.20	1/4	105.72	1/4		1/4	
1/2	2,612.20	1/2	2,250.70	1/2	1,889.22	1/2	1,527.73	1/2	1,169.97	1/2	821.15	1/2	459.67	1/2	98.50	1/2		1/2	
3/4	2,604.66	3/4	2,243.17	3/4	1,881.69	3/4	1,520.20	3/4	1,162.78	3/4	813.62	3/4	452.14	3/4	91.29	3/4		3/4	
5	2,597.13	5	2,235.64	5	1,874.15	5	1,512.67	5	1,155.59	5	806.09	5	444.61	5	84.07	5		5	
1/4	2,589.60	1/4	2,228.11	1/4	1,866.62	1/4	1,505.14	1/4	1,148.41	1/4	798.55	1/4	437.08	1/4	76.85	1/4		1/4	
1/2	2,582.07	1/2	2,220.58	1/2	1,859.09	1/2	1,497.60	1/2	1,141.22	1/2	791.02	1/2	429.55	1/2	70.58	1/2		1/2	
3/4	2,574.54	3/4	2,213.05	3/4	1,851.56	3/4	1,490.07	3/4	1,134.03	3/4	783.49	3/4	422.01	3/4	64.30	3/4		3/4	
6	2,567.01	6	2,205.52	6	1,844.03	6	1,482.54	6	1,126.84	6	775.96	6	414.48	6	58.03	6		6	
1/4	2,559.48	1/4	2,197.99	1/4	1,836.50	1/4	1,475.01	1/4	1,119.66	1/4	768.43	1/4	406.95	1/4	51.75	1/4		1/4	
1/2	2,551.94	1/2	2,190.46	1/2	1,828.97	1/2	1,467.48	1/2	1,112.47	1/2	760.90	1/2	399.42	1/2	46.73	1/2		1/2	
3/4	2,544.41	3/4	2,182.93	3/4	1,821.44	3/4	1,459.95	3/4	1,105.28	3/4	753.37	3/4	391.89	3/4	41.71	3/4		3/4	
7	2,536.88	7	2,175.39	7	1,813.91	7	1,452.42	7	1,098.09	7	745.84	7	384.36	7	36.69	7		7	
1/4	2,529.35	1/4	2,167.86	1/4	1,806.38	1/4	1,444.89	1/4	1,090.91	1/4	738.31	1/4	376.83	1/4	31.67	1/4		1/4	
1/2	2,521.82	1/2	2,160.33	1/2	1,798.84	1/2	1,437.36	1/2	1,083.72	1/2	730.78	1/2	369.30	1/2	27.91	1/2		1/2	
3/4	2,514.29	3/4	2,152.80	3/4	1,791.31	3/4	1,429.83	3/4	1,076.53	3/4	723.25	3/4	361.77	3/4	24.15	3/4		3/4	
8	2,506.76	8	2,145.27	8	1,783.78	8	1,422.29	8	1,069.34	8	715.72	8	354.24	8	20.38	8		8	
1/4	2,499.23	1/4	2,137.74	1/4	1,776.25	1/4	1,414.76	1/4	1,062.16	1/4	708.19	1/4	346.71	1/4	16.62	1/4		1/4	
1/2	2,491.70	1/2	2,130.21	1/2	1,768.72	1/2	1,407.23	1/2	1,054.97	1/2	700.65	1/2	339.18	1/2	14.11	1/2		1/2	
3/4	2,484.17	3/4	2,122.68	3/4	1,761.19	3/4	1,399.70	3/4	1,047.78	3/4	693.12	3/4	331.65	3/4		3/4		3/4	
9	2,476.63	9	2,115.15	9	1,753.66	9	1,392.17	9	1,040.59	9	685.59	9	324.11	9		9		9	
1/4	2,469.10	1/4	2,107.62	1/4	1,746.13	1/4	1,384.64	1/4	1,033.41	1/4	678.06	1/4	316.58	1/4		1/4		1/4	
1/2	2,461.57	1/2	2,100.08	1/2	1,738.60	1/2	1,377.11	1/2	1,026.22	1/2	670.53	1/2	309.05	1/2		1/2		1/2	
3/4	2,454.04	3/4	2,092.55	3/4	1,731.07	3/4	1,369.58	3/4	1,019.03	3/4	663.00	3/4	301.52	3/4		3/4		3/4	
10	2,446.51	10	2,085.02	10	1,723.53	10	1,362.05	10	1,011.84	10	655.47	10	293.99	10		10		10	
1/4	2,438.98	1/4	2,077.49	1/4	1,716.00	1/4	1,354.52	1/4	1,004.66	1/4	647.94	1/4	286.46	1/4		1/4		1/4	
1/2	2,431.45	1/2	2,069.96	1/2	1,708.47	1/2	1,346.98	1/2	997.47	1/2	640.41	1/2	278.93	1/2		1/2		1/2	
3/4	2,423.92	3/4	2,062.43	3/4	1,700.94	3/4	1,339.45	3/4	990.28	3/4	632.88	3/4	271.40	3/4		3/4		3/4	
11	2,416.39	11	2,054.90	11	1,693.41	11	1,331.92	11	983.09	11	625.35	11	263.87	11		11		11	
1/4	2,408.86	1/4	2,047.37	1/4	1,685.88	1/4	1,324.39	1/4	975.90	1/4	617.82	1/4	256.34	1/4		1/4		1/4	
1/2	2,401.32	1/2	2,039.84	1/2	1,678.35	1/2	1,316.86	1/2	968.72	1/2	610.28	1/2	248.81	1/2		1/2		1/2	
3/4	2,393.79	3/4	2,032.31	3/4	1,670.82	3/4	1,309.33	3/4	961.53	3/4	602.75	3/4	241.28	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL
RECALCULATED: 03/23/2019 CL
VERIFIED: 03/27/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "HTCO 3012"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 17'-09 1/2"

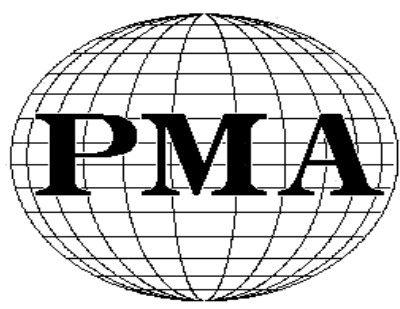
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,256.55	0	4,077.11	0	3,888.43	0	3,694.90	0	3,496.21	0	3,140.08
1/4		1/4		1/4		1/4		1/4	4,252.91	1/4	4,073.28	1/4	3,884.41	1/4	3,690.87	1/4	3,490.46	1/4	3,132.61
1/2		1/2		1/2		1/2	4,414.81	1/2	4,249.26	1/2	4,069.43	1/2	3,880.38	1/2	3,686.84	1/2	3,483.00	1/2	3,125.13
3/4		3/4		3/4		3/4	4,413.94	3/4	4,245.60	3/4	4,065.58	3/4	3,876.35	3/4	3,682.81	3/4	3,475.54	3/4	3,117.65
1		1		1		1	4,413.07	1	4,241.95	1	4,061.73	1	3,872.32	1	3,678.78	1	3,468.07	1	3,110.17
1/4		1/4		1/4		1/4	4,412.20	1/4	4,238.30	1/4	4,057.88	1/4	3,868.29	1/4	3,674.74	1/4	3,460.61	1/4	3,102.69
1/2		1/2		1/2		1/2	4,410.09	1/2	4,234.63	1/2	4,054.01	1/2	3,864.26	1/2	3,670.71	1/2	3,453.15	1/2	3,095.21
3/4		3/4		3/4		3/4	4,407.98	3/4	4,230.96	3/4	4,050.15	3/4	3,860.23	3/4	3,666.68	3/4	3,445.69	3/4	3,087.73
2		2		2		2	4,405.86	2	4,227.29	2	4,046.29	2	3,856.20	2	3,662.65	2	3,438.23	2	3,080.25
1/4		1/4		1/4		1/4	4,403.75	1/4	4,223.62	1/4	4,042.42	1/4	3,852.16	1/4	3,658.61	1/4	3,430.76	1/4	3,072.77
1/2		1/2		1/2		1/2	4,400.47	1/2	4,219.94	1/2	4,038.54	1/2	3,848.13	1/2	3,654.58	1/2	3,423.30	1/2	3,065.28
3/4		3/4		3/4		3/4	4,397.20	3/4	4,216.26	3/4	4,034.66	3/4	3,844.10	3/4	3,650.55	3/4	3,415.84	3/4	3,057.80
3		3		3		3	4,393.92	3	4,212.57	3	4,030.78	3	3,840.07	3	3,646.52	3	3,408.38	3	3,050.32
1/4		1/4		1/4		1/4	4,390.64	1/4	4,208.89	1/4	4,026.90	1/4	3,836.03	1/4	3,642.48	1/4	3,400.92	1/4	3,042.84
1/2		1/2		1/2		1/2	4,386.74	1/2	4,205.19	1/2	4,023.00	1/2	3,832.00	1/2	3,638.45	1/2	3,393.45	1/2	3,035.36
3/4		3/4		3/4		3/4	4,382.83	3/4	4,201.49	3/4	4,019.10	3/4	3,827.97	3/4	3,634.42	3/4	3,385.99	3/4	3,027.88
4		4		4		4	4,378.93	4	4,197.79	4	4,015.20	4	3,823.94	4	3,630.39	4	3,378.53	4	3,020.40
1/4		1/4		1/4		1/4	4,375.03	1/4	4,194.10	1/4	4,011.31	1/4	3,819.91	1/4	3,626.36	1/4	3,371.07	1/4	3,012.92
1/2		1/2		1/2		1/2	4,371.05	1/2	4,190.38	1/2	4,007.39	1/2	3,815.87	1/2	3,622.32	1/2	3,363.60	1/2	3,005.44
3/4		3/4		3/4		3/4	4,367.07	3/4	4,186.67	3/4	4,003.48	3/4	3,811.84	3/4	3,618.29	3/4	3,356.14	3/4	2,997.96
5		5		5		5	4,363.09	5	4,182.96	5	3,999.57	5	3,807.81	5	3,614.26	5	3,348.68	5	2,990.48
1/4		1/4		1/4		1/4	4,359.11	1/4	4,179.24	1/4	3,995.66	1/4	3,803.78	1/4	3,610.23	1/4	3,341.22	1/4	2,982.99
1/2		1/2		1/2		1/2	4,355.13	1/2	4,175.52	1/2	3,991.73	1/2	3,799.74	1/2	3,606.19	1/2	3,333.76	1/2	2,975.51
3/4		3/4		3/4		3/4	4,351.15	3/4	4,171.79	3/4	3,987.80	3/4	3,795.71	3/4	3,602.16	3/4	3,326.31	3/4	2,968.03
6		6		6		6	4,347.18	6	4,168.06	6	3,983.88	6	3,791.68	6	3,598.13	6	3,318.85	6	2,960.55
1/4		1/4		1/4		1/4	4,343.20	1/4	4,164.33	1/4	3,979.95	1/4	3,787.65	1/4	3,594.10	1/4	3,311.40	1/4	2,953.07
1/2		1/2		1/2		1/2	4,339.22	1/2	4,160.59	1/2	3,976.01	1/2	3,783.61	1/2	3,590.06	1/2	3,303.95	1/2	2,945.59
3/4		3/4		3/4		3/4	4,335.24	3/4	4,156.84	3/4	3,972.07	3/4	3,779.58	3/4	3,586.03	3/4	3,296.51	3/4	2,938.11
7		7		7		7	4,331.26	7	4,153.10	7	3,968.12	7	3,775.55	7	3,582.00	7	3,289.06	7	2,930.63
1/4		1/4		1/4		1/4	4,327.28	1/4	4,149.35	1/4	3,964.18	1/4	3,771.52	1/4	3,577.97	1/4	3,281.61	1/4	2,923.15
1/2		1/2		1/2		1/2	4,323.30	1/2	4,145.59	1/2	3,960.23	1/2	3,767.49	1/2	3,573.94	1/2	3,274.17	1/2	2,915.67
3/4		3/4		3/4		3/4	4,319.32	3/4	4,141.82	3/4	3,956.27	3/4	3,763.45	3/4	3,569.90	3/4	3,266.72	3/4	2,908.19
8		8		8		8	4,315.34	8	4,138.05	8	3,952.31	8	3,759.42	8	3,565.87	8	3,259.27	8	2,900.70
1/4		1/4		1/4		1/4	4,311.36	1/4	4,134.28	1/4	3,948.36	1/4	3,755.39	1/4	3,561.84	1/4	3,251.83	1/4	2,893.22
1/2		1/2		1/2		1/2	4,307.59	1/2	4,130.49	1/2	3,944.38	1/2	3,751.36	1/2	3,557.81	1/2	3,244.38	1/2	2,885.74
3/4		3/4		3/4		3/4	4,303.82	3/4	4,126.70	3/4	3,940.41	3/4	3,747.32	3/4	3,553.77	3/4	3,236.93	3/4	2,878.26
9		9		9		9	4,300.05	9	4,122.91	9	3,936.44	9	3,743.29	9	3,549.74	9	3,229.49	9	2,870.78
1/4		1/4		1/4		1/4	4,296.28	1/4	4,119.12	1/4	3,932.46	1/4	3,739.26	1/4	3,545.71	1/4	3,222.04	1/4	2,863.30
1/2		1/2		1/2		1/2	4,292.70	1/2	4,115.31	1/2	3,928.47	1/2	3,735.23	1/2	3,541.68	1/2	3,214.59	1/2	2,855.82
3/4		3/4		3/4		3/4	4,289.11	3/4	4,111.51	3/4	3,924.48	3/4	3,731.19	3/4	3,537.64	3/4	3,207.15	3/4	2,848.34
10		10		10		10	4,285.52	10	4,107.70	10	3,920.49	10	3,727.16	10	3,533.61	10	3,199.70	10	2,840.86
1/4		1/4		1/4		1/4	4,281.94	1/4	4,103.90	1/4	3,916.50	1/4	3,723.13	1/4	3,529.58	1/4	3,192.25	1/4	2,833.38
1/2		1/2		1/2		1/2	4,278.32	1/2	4,100.08	1/2	3,912.50	1/2	3,719.10	1/2	3,525.55	1/2	3,184.81	1/2	2,825.90
3/4		3/4		3/4		3/4	4,274.69	3/4	4,096.26	3/4	3,908.49	3/4	3,715.07	3/4	3,521.52	3/4	3,177.36	3/4	2,818.41
11		11		11		11	4,271.07	11	4,092.44	11	3,904.49	11	3,711.03	11	3,517.48	11	3,169.91	11	2,810.93
1/4		1/4		1/4		1/4	4,267.45	1/4	4,088.62	1/4	3,900.48	1/4	3,707.00	1/4	3,513.45	1/4	3,162.47	1/4	2,803.45
1/2		1/2		1/2		1/2	4,263.82	1/2	4,084.78	1/2	3,896.47	1/2	3,702.97	1/2	3,509.42	1/2	3,155.00	1/2	2,795.96
3/4		3/4		3/4		3/4	4,260.18	3/4	4,080.95	3/4	3,892.45	3/4	3,698.94	3/4	3,505.39	3/4	3,147.54	3/4	2,788.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 60'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3012"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 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	2,780.99	0	2,421.26	0	2,061.50	0	1,701.66	0	1,341.81	0	982.25	0	622.50	0	262.67	0		0	
1/4	2,773.50	1/4	2,413.76	1/4	2,054.00	1/4	1,694.16	1/4	1,334.31	1/4	974.76	1/4	615.01	1/4	255.17	1/4		1/4	
1/2	2,766.01	1/2	2,406.27	1/2	2,046.51	1/2	1,686.66	1/2	1,326.82	1/2	967.27	1/2	607.51	1/2	247.68	1/2		1/2	
3/4	2,758.51	3/4	2,398.77	3/4	2,039.01	3/4	1,679.17	3/4	1,319.32	3/4	959.79	3/4	600.01	3/4	240.18	3/4		3/4	
1	2,751.02	1	2,391.28	1	2,031.51	1	1,671.67	1	1,311.82	1	952.30	1	592.52	1	232.69	1		1	
1/4	2,743.52	1/4	2,383.78	1/4	2,024.02	1/4	1,664.17	1/4	1,304.33	1/4	944.81	1/4	585.02	1/4	225.19	1/4		1/4	
1/2	2,736.03	1/2	2,376.29	1/2	2,016.52	1/2	1,656.68	1/2	1,296.83	1/2	937.32	1/2	577.52	1/2	217.69	1/2		1/2	
3/4	2,728.53	3/4	2,368.79	3/4	2,009.02	3/4	1,649.18	3/4	1,289.33	3/4	929.83	3/4	570.03	3/4	210.20	3/4		3/4	
2	2,721.04	2	2,361.30	2	2,001.53	2	1,641.68	2	1,281.84	2	922.35	2	562.53	2	202.70	2		2	
1/4	2,713.55	1/4	2,353.80	1/4	1,994.03	1/4	1,634.18	1/4	1,274.34	1/4	914.86	1/4	555.03	1/4	195.20	1/4		1/4	
1/2	2,706.05	1/2	2,346.31	1/2	1,986.53	1/2	1,626.69	1/2	1,266.84	1/2	907.36	1/2	547.54	1/2	187.71	1/2		1/2	
3/4	2,698.56	3/4	2,338.81	3/4	1,979.04	3/4	1,619.19	3/4	1,259.34	3/4	899.87	3/4	540.04	3/4	180.21	3/4		3/4	
3	2,691.07	3	2,331.32	3	1,971.54	3	1,611.69	3	1,251.85	3	892.37	3	532.55	3	172.71	3		3	
1/4	2,683.57	1/4	2,323.82	1/4	1,964.04	1/4	1,604.20	1/4	1,244.35	1/4	884.88	1/4	525.05	1/4	165.22	1/4		1/4	
1/2	2,676.08	1/2	2,316.33	1/2	1,956.55	1/2	1,596.70	1/2	1,236.86	1/2	877.38	1/2	517.55	1/2	157.72	1/2		1/2	
3/4	2,668.59	3/4	2,308.83	3/4	1,949.05	3/4	1,589.20	3/4	1,229.36	3/4	869.89	3/4	510.06	3/4	150.22	3/4		3/4	
4	2,661.09	4	2,301.34	4	1,941.55	4	1,581.71	4	1,221.86	4	862.39	4	502.56	4	142.73	4		4	
1/4	2,653.60	1/4	2,293.84	1/4	1,934.06	1/4	1,574.21	1/4	1,214.37	1/4	854.89	1/4	495.06	1/4	135.23	1/4		1/4	
1/2	2,646.10	1/2	2,286.35	1/2	1,926.56	1/2	1,566.71	1/2	1,206.88	1/2	847.40	1/2	487.57	1/2	127.73	1/2		1/2	
3/4	2,638.61	3/4	2,278.85	3/4	1,919.06	3/4	1,559.22	3/4	1,199.39	3/4	839.90	3/4	480.07	3/4	120.24	3/4		3/4	
5	2,631.12	5	2,271.36	5	1,911.57	5	1,551.72	5	1,191.90	5	832.41	5	472.57	5	112.74	5		5	
1/4	2,623.62	1/4	2,263.86	1/4	1,904.07	1/4	1,544.22	1/4	1,184.41	1/4	824.91	1/4	465.08	1/4	105.24	1/4		1/4	
1/2	2,616.13	1/2	2,256.37	1/2	1,896.57	1/2	1,536.73	1/2	1,176.92	1/2	817.41	1/2	457.58	1/2	98.06	1/2		1/2	
3/4	2,608.63	3/4	2,248.87	3/4	1,889.08	3/4	1,529.23	3/4	1,169.43	3/4	809.92	3/4	450.08	3/4	90.88	3/4		3/4	
6	2,601.14	6	2,241.38	6	1,881.58	6	1,521.73	6	1,161.95	6	802.42	6	442.59	6	83.69	6		6	
1/4	2,593.64	1/4	2,233.88	1/4	1,874.08	1/4	1,514.24	1/4	1,154.46	1/4	794.92	1/4	435.09	1/4	76.51	1/4		1/4	
1/2	2,586.15	1/2	2,226.39	1/2	1,866.59	1/2	1,506.74	1/2	1,146.97	1/2	787.43	1/2	427.59	1/2	70.26	1/2		1/2	
3/4	2,578.65	3/4	2,218.89	3/4	1,859.09	3/4	1,499.24	3/4	1,139.48	3/4	779.93	3/4	420.10	3/4	64.01	3/4		3/4	
7	2,571.16	7	2,211.40	7	1,851.59	7	1,491.75	7	1,132.00	7	772.43	7	412.60	7	57.77	7		7	
1/4	2,563.66	1/4	2,203.90	1/4	1,844.10	1/4	1,484.25	1/4	1,124.51	1/4	764.94	1/4	405.10	1/4	51.52	1/4		1/4	
1/2	2,556.17	1/2	2,196.41	1/2	1,836.60	1/2	1,476.75	1/2	1,117.02	1/2	757.44	1/2	397.61	1/2	46.52	1/2		1/2	
3/4	2,548.67	3/4	2,188.91	3/4	1,829.10	3/4	1,469.26	3/4	1,109.53	3/4	749.94	3/4	390.11	3/4	41.53	3/4		3/4	
8	2,541.18	8	2,181.42	8	1,821.60	8	1,461.76	8	1,102.05	8	742.45	8	382.62	8	36.53	8		8	
1/4	2,533.68	1/4	2,173.92	1/4	1,814.11	1/4	1,454.26	1/4	1,094.56	1/4	734.95	1/4	375.12	1/4	31.53	1/4		1/4	
1/2	2,526.19	1/2	2,166.43	1/2	1,806.61	1/2	1,446.76	1/2	1,087.07	1/2	727.45	1/2	367.62	1/2	27.79	1/2		1/2	
3/4	2,518.69	3/4	2,158.93	3/4	1,799.11	3/4	1,439.27	3/4	1,079.58	3/4	719.96	3/4	360.13	3/4	24.04	3/4		3/4	
9	2,511.20	9	2,151.44	9	1,791.62	9	1,431.77	9	1,072.10	9	712.46	9	352.63	9	20.29	9		9	
1/4	2,503.70	1/4	2,143.94	1/4	1,784.12	1/4	1,424.27	1/4	1,064.61	1/4	704.96	1/4	345.13	1/4	16.55	1/4		1/4	
1/2	2,496.21	1/2	2,136.45	1/2	1,776.62	1/2	1,416.78	1/2	1,057.12	1/2	697.47	1/2	337.64	1/2	14.05	1/2		1/2	
3/4	2,488.71	3/4	2,128.95	3/4	1,769.13	3/4	1,409.28	3/4	1,049.64	3/4	689.97	3/4	330.14	3/4		3/4		3/4	
10	2,481.22	10	2,121.46	10	1,761.63	10	1,401.78	10	1,042.15	10	682.48	10	322.64	10		10		10	
1/4	2,473.72	1/4	2,113.96	1/4	1,754.13	1/4	1,394.29	1/4	1,034.66	1/4	674.98	1/4	315.15	1/4		1/4		1/4	
1/2	2,466.23	1/2	2,106.47	1/2	1,746.64	1/2	1,386.79	1/2	1,027.17	1/2	667.48	1/2	307.65	1/2		1/2		1/2	
3/4	2,458.73	3/4	2,098.97	3/4	1,739.14	3/4	1,379.29	3/4	1,019.69	3/4	659.99	3/4	300.15	3/4		3/4		3/4	
11	2,451.24	11	2,091.48	11	1,731.64	11	1,371.80	11	1,012.20	11	652.49	11	292.66	11		11		11	
1/4	2,443.74	1/4	2,083.98	1/4	1,724.15	1/4	1,364.30	1/4	1,004.71	1/4	644.99	1/4	285.16	1/4		1/4		1/4	
1/2	2,436.25	1/2	2,076.49	1/2	1,716.65	1/2	1,356.80	1/2	997.22	1/2	637.50	1/2	277.66	1/2		1/2		1/2	
3/4	2,428.75	3/4	2,068.99	3/4	1,709.15	3/4	1,349.31	3/4	989.74	3/4	630.00	3/4	270.17	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL
RECALCULATED: 03/23/2019 CL
VERIFIED: 03/27/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3012"

3 STBD ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

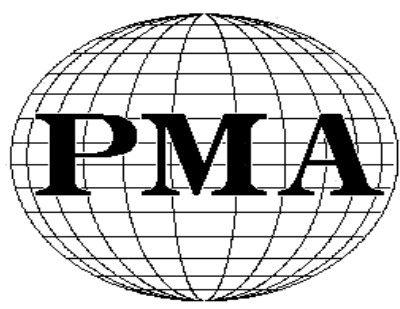
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,386.31	0	4,221.47	0	4,042.36	0	3,854.02	0	3,661.20	0	3,458.07	0	3,100.92
1/4		1/4		1/4		1/4	4,385.45	1/4	4,217.83	1/4	4,038.52	1/4	3,850.01	1/4	3,657.18	1/4	3,450.63	1/4	3,093.45
1/2		1/2		1/2		1/2	4,384.60	1/2	4,214.20	1/2	4,034.69	1/2	3,845.99	1/2	3,653.16	1/2	3,443.18	1/2	3,085.99
3/4		3/4		3/4		3/4	4,383.74	3/4	4,210.56	3/4	4,030.85	3/4	3,841.98	3/4	3,649.15	3/4	3,435.73	3/4	3,078.52
1		1		1		1	4,381.65	1	4,206.90	1	4,027.00	1	3,837.96	1	3,645.13	1	3,428.28	1	3,071.06
1/4		1/4		1/4		1/4	4,379.55	1/4	4,203.25	1/4	4,023.15	1/4	3,833.95	1/4	3,641.11	1/4	3,420.84	1/4	3,063.60
1/2		1/2		1/2		1/2	4,377.45	1/2	4,199.60	1/2	4,019.30	1/2	3,829.93	1/2	3,637.09	1/2	3,413.39	1/2	3,056.14
3/4		3/4		3/4		3/4	4,375.35	3/4	4,195.94	3/4	4,015.45	3/4	3,825.91	3/4	3,633.08	3/4	3,405.94	3/4	3,048.67
2		2		2		2	4,372.09	2	4,192.27	2	4,011.59	2	3,821.89	2	3,629.06	2	3,398.49	2	3,041.21
1/4		1/4		1/4		1/4	4,368.82	1/4	4,188.60	1/4	4,007.72	1/4	3,817.88	1/4	3,625.04	1/4	3,391.05	1/4	3,033.76
1/2		1/2		1/2		1/2	4,365.56	1/2	4,184.94	1/2	4,003.86	1/2	3,813.86	1/2	3,621.02	1/2	3,383.60	1/2	3,026.30
3/4		3/4		3/4		3/4	4,362.30	3/4	4,181.27	3/4	3,999.99	3/4	3,809.84	3/4	3,617.01	3/4	3,376.15	3/4	3,018.84
3		3		3		3	4,358.41	3	4,177.58	3	3,996.11	3	3,805.82	3	3,612.99	3	3,368.71	3	3,011.38
1/4		1/4		1/4		1/4	4,354.52	1/4	4,173.90	1/4	3,992.22	1/4	3,801.81	1/4	3,608.97	1/4	3,361.26	1/4	3,003.92
1/2		1/2		1/2		1/2	4,350.64	1/2	4,170.22	1/2	3,988.34	1/2	3,797.79	1/2	3,604.95	1/2	3,353.81	1/2	2,996.46
3/4		3/4		3/4		3/4	4,346.75	3/4	4,166.53	3/4	3,984.46	3/4	3,793.77	3/4	3,600.94	3/4	3,346.36	3/4	2,989.01
4		4		4		4	4,342.79	4	4,162.83	4	3,980.56	4	3,789.76	4	3,596.92	4	3,338.92	4	2,981.55
1/4		1/4		1/4		1/4	4,338.82	1/4	4,159.14	1/4	3,976.66	1/4	3,785.74	1/4	3,592.90	1/4	3,331.47	1/4	2,974.09
1/2		1/2		1/2		1/2	4,334.86	1/2	4,155.44	1/2	3,972.77	1/2	3,781.72	1/2	3,588.89	1/2	3,324.02	1/2	2,966.63
3/4		3/4		3/4		3/4	4,330.89	3/4	4,151.74	3/4	3,968.87	3/4	3,777.70	3/4	3,584.87	3/4	3,316.57	3/4	2,959.17
5		5		5		5	4,326.93	5	4,148.03	5	3,964.96	5	3,773.69	5	3,580.85	5	3,309.14	5	2,951.71
1/4		1/4		1/4		1/4	4,322.97	1/4	4,144.31	1/4	3,961.04	1/4	3,769.67	1/4	3,576.83	1/4	3,301.70	1/4	2,944.25
1/2		1/2		1/2		1/2	4,319.00	1/2	4,140.60	1/2	3,957.13	1/2	3,765.65	1/2	3,572.82	1/2	3,294.26	1/2	2,936.80
3/4		3/4		3/4		3/4	4,315.04	3/4	4,136.89	3/4	3,953.22	3/4	3,761.63	3/4	3,568.80	3/4	3,286.82	3/4	2,929.34
6		6		6		6	4,311.07	6	4,133.16	6	3,949.29	6	3,757.62	6	3,564.78	6	3,279.39	6	2,921.88
1/4		1/4		1/4		1/4	4,307.11	1/4	4,129.43	1/4	3,945.37	1/4	3,753.60	1/4	3,560.76	1/4	3,271.95	1/4	2,914.42
1/2		1/2		1/2		1/2	4,303.14	1/2	4,125.70	1/2	3,941.44	1/2	3,749.58	1/2	3,556.75	1/2	3,264.52	1/2	2,906.96
3/4		3/4		3/4		3/4	4,299.18	3/4	4,121.97	3/4	3,937.51	3/4	3,745.56	3/4	3,552.73	3/4	3,257.09	3/4	2,899.50
7		7		7		7	4,295.22	7	4,118.22	7	3,933.57	7	3,741.55	7	3,548.71	7	3,249.66	7	2,892.04
1/4		1/4		1/4		1/4	4,291.25	1/4	4,114.46	1/4	3,929.63	1/4	3,737.53	1/4	3,544.69	1/4	3,242.23	1/4	2,884.58
1/2		1/2		1/2		1/2	4,287.29	1/2	4,110.71	1/2	3,925.69	1/2	3,733.51	1/2	3,540.68	1/2	3,234.79	1/2	2,877.12
3/4		3/4		3/4		3/4	4,283.32	3/4	4,106.95	3/4	3,921.75	3/4	3,729.49	3/4	3,536.66	3/4	3,227.36	3/4	2,869.65
8		8		8		8	4,279.57	8	4,103.18	8	3,917.79	8	3,725.48	8	3,532.64	8	3,219.93	8	2,862.19
1/4		1/4		1/4		1/4	4,275.81	1/4	4,099.40	1/4	3,913.83	1/4	3,721.46	1/4	3,528.62	1/4	3,212.50	1/4	2,854.72
1/2		1/2		1/2		1/2	4,272.06	1/2	4,095.63	1/2	3,909.87	1/2	3,717.44	1/2	3,524.61	1/2	3,205.07	1/2	2,847.26
3/4		3/4		3/4		3/4	4,268.30	3/4	4,091.85	3/4	3,905.91	3/4	3,713.42	3/4	3,520.59	3/4	3,197.64	3/4	2,839.79
9		9		9		9	4,264.73	9	4,088.06	9	3,901.94	9	3,709.41	9	3,516.57	9	3,190.20	9	2,832.32
1/4		1/4		1/4		1/4	4,261.16	1/4	4,084.27	1/4	3,897.96	1/4	3,705.39	1/4	3,512.55	1/4	3,182.77	1/4	2,824.86
1/2		1/2		1/2		1/2	4,257.59	1/2	4,080.48	1/2	3,893.99	1/2	3,701.37	1/2	3,508.54	1/2	3,175.34	1/2	2,817.39
3/4		3/4		3/4		3/4	4,254.01	3/4	4,076.69	3/4	3,890.01	3/4	3,697.35	3/4	3,504.52	3/4	3,167.91	3/4	2,809.93
10		10		10		10	4,250.41	10	4,072.89	10	3,886.02	10	3,693.34	10	3,500.50	10	3,160.48	10	2,802.46
1/4		1/4		1/4		1/4	4,246.80	1/4	4,069.08	1/4	3,882.03	1/4	3,689.32	1/4	3,496.48	1/4	3,153.04	1/4	2,794.99
1/2		1/2		1/2		1/2	4,243.20	1/2	4,065.28	1/2	3,878.04	1/2	3,685.30	1/2	3,492.47	1/2	3,145.61	1/2	2,787.53
3/4		3/4		3/4		3/4	4,239.59	3/4	4,061.47	3/4	3,874.05	3/4	3,681.29	3/4	3,488.45	3/4	3,138.18	3/4	2,780.06
11		11		11		11	4,235.97	11	4,057.65	11	3,870.05	11	3,677.27	11	3,482.72	11	3,130.73	11	2,772.59
1/4		1/4		1/4		1/4	4,232.35	1/4	4,053.83	1/4	3,866.04	1/4	3,673.25	1/4	3,476.99	1/4	3,123.28	1/4	2,765.12
1/2		1/2		1/2		1/2	4,228.73	1/2	4,050.01	1/2	3,862.04	1/2	3,669.23	1/2	3,471.25	1/2	3,115.83	1/2	2,757.64
3/4		3/4		3/4		3/4	4,225.11	3/4	4,046.19	3/4	3,858.04	3/4	3,665.22	3/4	3,465.52	3/4	3,108.39	3/4	2,750.17

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 60'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3012"

3 STBD

ULLAGE TABLE HERMETIC

GUAGE HEIGHT 17'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,742.69	0	2,383.67	0	2,024.62	0	1,665.49	0	1,307.78	0	959.10	0	606.53	0	247.30	0		0	
1/4	2,735.21	1/4	2,376.19	1/4	2,017.14	1/4	1,658.01	1/4	1,300.36	1/4	951.96	1/4	599.05	1/4	239.81	1/4		1/4	
1/2	2,727.73	1/2	2,368.71	1/2	2,009.66	1/2	1,650.53	1/2	1,292.94	1/2	944.81	1/2	591.56	1/2	232.33	1/2		1/2	
3/4	2,720.25	3/4	2,361.23	3/4	2,002.18	3/4	1,643.05	3/4	1,285.52	3/4	937.67	3/4	584.08	3/4	224.85	3/4		3/4	
1	2,712.77	1	2,353.75	1	1,994.70	1	1,635.57	1	1,278.10	1	930.52	1	576.59	1	217.36	1		1	
1/4	2,705.29	1/4	2,346.27	1/4	1,987.22	1/4	1,628.08	1/4	1,270.68	1/4	923.37	1/4	569.11	1/4	209.88	1/4		1/4	
1/2	2,697.81	1/2	2,338.79	1/2	1,979.73	1/2	1,620.60	1/2	1,263.26	1/2	916.22	1/2	561.63	1/2	202.39	1/2		1/2	
3/4	2,690.34	3/4	2,331.31	3/4	1,972.25	3/4	1,613.12	3/4	1,255.84	3/4	909.07	3/4	554.14	3/4	194.91	3/4		3/4	
2	2,682.86	2	2,323.83	2	1,964.77	2	1,605.64	2	1,248.43	2	901.91	2	546.66	2	187.43	2		2	
1/4	2,675.38	1/4	2,316.35	1/4	1,957.29	1/4	1,598.16	1/4	1,241.02	1/4	894.75	1/4	539.17	1/4	179.94	1/4		1/4	
1/2	2,667.90	1/2	2,308.87	1/2	1,949.81	1/2	1,590.67	1/2	1,233.61	1/2	887.59	1/2	531.69	1/2	172.46	1/2		1/2	
3/4	2,660.42	3/4	2,301.39	3/4	1,942.32	3/4	1,583.19	3/4	1,226.19	3/4	880.43	3/4	524.21	3/4	164.97	3/4		3/4	
3	2,652.94	3	2,293.91	3	1,934.84	3	1,575.71	3	1,218.79	3	873.26	3	516.72	3	157.49	3		3	
1/4	2,645.46	1/4	2,286.43	1/4	1,927.36	1/4	1,568.23	1/4	1,211.39	1/4	866.09	1/4	509.24	1/4	150.00	1/4		1/4	
1/2	2,637.99	1/2	2,278.95	1/2	1,919.88	1/2	1,560.75	1/2	1,203.99	1/2	858.91	1/2	501.75	1/2	142.51	1/2		1/2	
3/4	2,630.51	3/4	2,271.47	3/4	1,912.40	3/4	1,553.27	3/4	1,196.58	3/4	851.74	3/4	494.27	3/4	135.03	3/4		3/4	
4	2,623.03	4	2,263.99	4	1,904.91	4	1,545.78	4	1,189.17	4	844.56	4	486.79	4	127.54	4		4	
1/4	2,615.55	1/4	2,256.51	1/4	1,897.43	1/4	1,538.30	1/4	1,181.75	1/4	837.37	1/4	479.30	1/4	120.05	1/4		1/4	
1/2	2,608.07	1/2	2,249.03	1/2	1,889.95	1/2	1,530.82	1/2	1,174.34	1/2	830.18	1/2	471.82	1/2	112.57	1/2		1/2	
3/4	2,600.59	3/4	2,241.55	3/4	1,882.47	3/4	1,523.34	3/4	1,166.92	3/4	823.00	3/4	464.33	3/4	105.08	3/4		3/4	
5	2,593.11	5	2,234.07	5	1,874.99	5	1,515.86	5	1,159.63	5	815.66	5	456.85	5	97.91	5		5	
1/4	2,585.63	1/4	2,226.59	1/4	1,867.51	1/4	1,508.37	1/4	1,152.34	1/4	808.31	1/4	449.37	1/4	90.74	1/4		1/4	
1/2	2,578.15	1/2	2,219.11	1/2	1,860.02	1/2	1,500.89	1/2	1,145.06	1/2	800.97	1/2	441.88	1/2	83.58	1/2		1/2	
3/4	2,570.67	3/4	2,211.63	3/4	1,852.54	3/4	1,493.41	3/4	1,137.77	3/4	793.63	3/4	434.40	3/4	76.41	3/4		3/4	
6	2,563.19	6	2,204.15	6	1,845.06	6	1,485.96	6	1,130.62	6	786.15	6	426.91	6	70.18	6		6	
1/4	2,555.71	1/4	2,196.67	1/4	1,837.58	1/4	1,478.51	1/4	1,123.47	1/4	778.66	1/4	419.43	1/4	63.95	1/4		1/4	
1/2	2,548.23	1/2	2,189.19	1/2	1,830.10	1/2	1,471.06	1/2	1,116.33	1/2	771.18	1/2	411.95	1/2	57.72	1/2		1/2	
3/4	2,540.75	3/4	2,181.71	3/4	1,822.61	3/4	1,463.61	3/4	1,109.18	3/4	763.69	3/4	404.46	3/4	51.49	3/4		3/4	
7	2,533.27	7	2,174.23	7	1,815.13	7	1,456.19	7	1,102.03	7	756.21	7	396.98	7	46.50	7		7	
1/4	2,525.79	1/4	2,166.75	1/4	1,807.65	1/4	1,448.77	1/4	1,094.89	1/4	748.73	1/4	389.49	1/4	41.51	1/4		1/4	
1/2	2,518.31	1/2	2,159.27	1/2	1,800.17	1/2	1,441.35	1/2	1,087.74	1/2	741.24	1/2	382.01	1/2	36.52	1/2		1/2	
3/4	2,510.83	3/4	2,151.79	3/4	1,792.69	3/4	1,433.93	3/4	1,080.60	3/4	733.76	3/4	374.53	3/4	31.53	3/4		3/4	
8	2,503.35	8	2,144.31	8	1,785.20	8	1,426.51	8	1,073.45	8	726.27	8	367.04	8	27.78	8		8	
1/4	2,495.87	1/4	2,136.83	1/4	1,777.72	1/4	1,419.09	1/4	1,066.30	1/4	718.79	1/4	359.56	1/4	24.04	1/4		1/4	
1/2	2,488.39	1/2	2,129.35	1/2	1,770.24	1/2	1,411.67	1/2	1,059.16	1/2	711.31	1/2	352.07	1/2	20.29	1/2		1/2	
3/4	2,480.91	3/4	2,121.87	3/4	1,762.76	3/4	1,404.24	3/4	1,052.01	3/4	703.82	3/4	344.59	3/4	16.54	3/4		3/4	
9	2,473.43	9	2,114.39	9	1,755.28	9	1,396.82	9	1,044.86	9	696.34	9	337.11	9	14.05	9		9	
1/4	2,465.95	1/4	2,106.91	1/4	1,747.79	1/4	1,389.40	1/4	1,037.72	1/4	688.85	1/4	329.62	1/4		1/4		1/4	
1/2	2,458.47	1/2	2,099.43	1/2	1,740.31	1/2	1,381.98	1/2	1,030.57	1/2	681.37	1/2	322.14	1/2		1/2		1/2	
3/4	2,450.99	3/4	2,091.95	3/4	1,732.83	3/4	1,374.56	3/4	1,023.42	3/4	673.89	3/4	314.65	3/4		3/4		3/4	
10	2,443.51	10	2,084.47	10	1,725.35	10	1,367.14	10	1,016.28	10	666.40	10	307.17	10		10		10	
1/4	2,436.03	1/4	2,076.99	1/4	1,717.87	1/4	1,359.72	1/4	1,009.13	1/4	658.92	1/4	299.69	1/4		1/4		1/4	
1/2	2,428.55	1/2	2,069.51	1/2	1,710.39	1/2	1,352.30	1/2	1,001.98	1/2	651.43	1/2	292.20	1/2		1/2		1/2	
3/4	2,421.07	3/4	2,062.03	3/4	1,702.90	3/4	1,344.88	3/4	994.84	3/4	643.95	3/4	284.72	3/4		3/4		3/4	
11	2,413.59	11	2,054.55	11	1,695.42	11	1,337.46	11	987.69	11	636.47	11	277.23	11		11		11	
1/4	2,406.11	1/4	2,047.07	1/4	1,687.94	1/4	1,330.04	1/4	980.54	1/4	628.98	1/4	269.75	1/4		1/4		1/4	
1/2	2,398.63	1/2	2,039.59	1/2	1,680.46	1/2	1,322.62	1/2	973.40	1/2	621.50	1/2	262.27	1/2		1/2		1/2	
3/4	2,391.15	3/4	2,032.11	3/4	1,672.98	3/4	1,315.20	3/4	966.25	3/4	614.01	3/4	254.78	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL
RECALCULATED: 03/23/2019 CL
VERIFIED: 03/27/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3012"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	566	0	1,133	0	1,699	0	2,266	0		0		0		0		0	
1/4	12	1/4	578	1/4	1,145	1/4	1,711	1/4	2,278	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	590	1/2	1,156	1/2	1,723	1/2	2,289	1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	602	3/4	1,168	3/4	1,735	3/4	2,301	3/4		3/4		3/4		3/4		3/4	
1	47	1	614	1	1,180	1	1,747	1	2,313	1		1		1		1		1	
1/4	59	1/4	625	1/4	1,192	1/4	1,758	1/4	2,325	1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	637	1/2	1,204	1/2	1,770	1/2	2,337	1/2		1/2		1/2		1/2		1/2	
3/4	83	3/4	649	3/4	1,215	3/4	1,782	3/4	2,348	3/4		3/4		3/4		3/4		3/4	
2	94	2	661	2	1,227	2	1,794	2	2,360	2		2		2		2		2	
1/4	106	1/4	673	1/4	1,239	1/4	1,806	1/4	2,372	1/4		1/4		1/4		1/4		1/4	
1/2	118	1/2	684	1/2	1,251	1/2	1,817	1/2	2,384	1/2		1/2		1/2		1/2		1/2	
3/4	130	3/4	696	3/4	1,263	3/4	1,829	3/4	2,396	3/4		3/4		3/4		3/4		3/4	
3	142	3	708	3	1,274	3	1,841	3	2,407	3		3		3		3		3	
1/4	153	1/4	720	1/4	1,286	1/4	1,853	1/4	2,419	1/4		1/4		1/4		1/4		1/4	
1/2	165	1/2	732	1/2	1,298	1/2	1,865	1/2	2,431	1/2		1/2		1/2		1/2		1/2	
3/4	177	3/4	743	3/4	1,310	3/4	1,876	3/4	2,443	3/4		3/4		3/4		3/4		3/4	
4	189	4	755	4	1,322	4	1,888	4	2,455	4		4		4		4		4	
1/4	201	1/4	767	1/4	1,334	1/4	1,900	1/4	2,466	1/4		1/4		1/4		1/4		1/4	
1/2	212	1/2	779	1/2	1,345	1/2	1,912	1/2	2,478	1/2		1/2		1/2		1/2		1/2	
3/4	224	3/4	791	3/4	1,357	3/4	1,924	3/4	2,490	3/4		3/4		3/4		3/4		3/4	
5	236	5	802	5	1,369	5	1,935	5	2,502	5		5		5		5		5	
1/4	248	1/4	814	1/4	1,381	1/4	1,947	1/4	2,514	1/4		1/4		1/4		1/4		1/4	
1/2	260	1/2	826	1/2	1,393	1/2	1,959	1/2	2,525	1/2		1/2		1/2		1/2		1/2	
3/4	271	3/4	838	3/4	1,404	3/4	1,971	3/4	2,537	3/4		3/4		3/4		3/4		3/4	
6	283	6	850	6	1,416	6	1,983	6	2,549	6		6		6		6		6	
1/4	295	1/4	861	1/4	1,428	1/4	1,994	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	307	1/2	873	1/2	1,440	1/2	2,006	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	319	3/4	885	3/4	1,452	3/4	2,018	3/4		3/4		3/4		3/4		3/4		3/4	
7	330	7	897	7	1,463	7	2,030	7		7		7		7		7		7	
1/4	342	1/4	909	1/4	1,475	1/4	2,042	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	354	1/2	920	1/2	1,487	1/2	2,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	366	3/4	932	3/4	1,499	3/4	2,065	3/4		3/4		3/4		3/4		3/4		3/4	
8	378	8	944	8	1,511	8	2,077	8		8		8		8		8		8	
1/4	389	1/4	956	1/4	1,522	1/4	2,089	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	401	1/2	968	1/2	1,534	1/2	2,101	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	413	3/4	979	3/4	1,546	3/4	2,112	3/4		3/4		3/4		3/4		3/4		3/4	
9	425	9	991	9	1,558	9	2,124	9		9		9		9		9		9	
1/4	437	1/4	1,003	1/4	1,570	1/4	2,136	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	448	1/2	1,015	1/2	1,581	1/2	2,148	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	460	3/4	1,027	3/4	1,593	3/4	2,160	3/4		3/4		3/4		3/4		3/4		3/4	
10	472	10	1,038	10	1,605	10	2,171	10		10		10		10		10		10	
1/4	484	1/4	1,050	1/4	1,617	1/4	2,183	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	496	1/2	1,062	1/2	1,629	1/2	2,195	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	507	3/4	1,074	3/4	1,640	3/4	2,207	3/4		3/4		3/4		3/4		3/4		3/4	
11	519	11	1,086	11	1,652	11	2,219	11		11		11		11		11		11	
1/4	531	1/4	1,097	1/4	1,664	1/4	2,230	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	543	1/2	1,109	1/2	1,676	1/2	2,242	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	555	3/4	1,121	3/4	1,688	3/4	2,254	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

STRAPPED: 03/27/2024 JS
 CALCULATED: 03/28/2024 CL
 PRINTED: 03/28/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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