BARGE "HTCO 3005"

ULLAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 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
2 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
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4

(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 - 00-1/4"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 235'-00"

February 4, 2025

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

http://www.pmacorp.net

BARGE "HTCO 3005"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,974.39	0	4,614.71	0	4,253.30	0	3,891.19	0	3,529.08	0	3,166.97	0	2,804.78
1/4		1/4		1/4		1/4	4,966.90	1/4	4,607.19	1/4	4,245.76	1/4	3,883.65	1/4	3,521.53	1/4	3,159.42	1/4	2,797.23
1/2		1/2		1/2		1/2	4,959.42	1/2	4,599.67	1/2	4,238.21	1/2	3,876.10	1/2	3,513.99	1/2	3,151.88	1/2	2,789.68
3/4		3/4		3/4		3/4	4,951.93	3/4	4,592.14	3/4	4,230.67	3/4	3,868.56	3/4	3,506.45	3/4	3,144.33	3/4	2,782.13
1		1		1		1	4,944.45	1	4,584.62	1	4,223.13	1	3,861.01	1	3,498.90	1	3,136.79	1	2,774.58
1/4		1/4		1/4		1/4	4,936.96	1/4	4,577.10	1/4	4,215.58	1/4	3,853.47	1/4	3,491.36	1/4	3,129.25	1/4	2,767.04
1/2		1/2		1/2		1/2	4,929.47	1/2	4,569.58	1/2	4,208.04	1/2	3,845.93	1/2	3,483.81	1/2	3,121.70	1/2	2,759.49
3/4		3/4		3/4		3/4	4,921.99	3/4	4,562.06	3/4	4,200.49	3/4	3,838.38	3/4	3,476.27	3/4	3,114.16	3/4	2,751.94
2		2		2		2	4,914.50	2	4,554.53	2	4,192.95	2	3,830.84	2	3,468.73	2	3,106.61	2	2,744.39
1/4		1/4		1/4		1/4	4,907.01	1/4	4,547.01	1/4	4,185.41	1/4	3,823.29	1/4	3,461.18	1/4	3,099.07	1/4	2,736.84
1/2		1/2		1/2		1/2	4,899.53	1/2	4,539.49	1/2	4,177.86	1/2	3,815.75	1/2	3,453.64	1/2	3,091.53	1/2	2,729.30
3/4		3/4		3/4		3/4	4,892.04	3/4	4,531.97	3/4	4,170.32	3/4	3,808.21	3/4	3,446.09	3/4	3,083.98	3/4	2,721.75
3		3		3		3	4,884.55	3	4,524.45	3	4,162.77	3	3,800.66	3	3,438.55	3	3,076.44	3	2,714.20
1/4		1/4		1/4		1/4	4,877.07	1/4	4,516.92	1/4	4,155.23	1/4	3,793.12	1/4	3,431.01	1/4	3,068.89	1/4	2,706.65
1/2		1/2		1/2		1/2	4,869.59	1/2	4,509.40	1/2	4,147.69	1/2	3,785.57	1/2	3,423.46	1/2	3,061.35	1/2	2,699.10
3/4		3/4		3/4		3/4	4,862.11	3/4	4,501.88	3/4	4,140.14	3/4	3,778.03	3/4	3,415.92	3/4	3,053.81	3/4	2,691.56
4		4		4		4	4,854.62	4	4,494.36	4	4,132.60	4	3,770.49	4	3,408.37	4	3,046.26	4	2,684.01
1/4		1/4		1/4		1/4	4,847.14	1/4	4,486.84	1/4	4,125.05	1/4	3,762.94	1/4	3,400.83	1/4	3,038.72	1/4	2,676.46
1/2		1/2		1/2		1/2	4,839.66	1/2	4,479.31	1/2	4,117.51	1/2	3,755.40	1/2	3,393.29	1/2	3,031.17	1/2	2,668.91
3/4		3/4		3/4		3/4	4,832.18	3/4	4,471.79	3/4	4,109.97	3/4	3,747.85	3/4	3,385.74	3/4	3,023.63	3/4	2,661.36
5		5		5		5	4,824.69	5	4,464.27	5	4,102.42	5	3,740.31	5	3,378.20	5	3,016.09	5	2,653.82
1/4		1/4		1/4		1/4	4,817.21	1/4	4,456.75	1/4	4,094.88	1/4	3,732.77	1/4	3,370.65	1/4	3,008.54	1/4	2,646.27
1/2		1/2		1/2		1/2	4,809.73	1/2	4,449.23	1/2	4,087.33	1/2	3,725.22	1/2	3,363.11	1/2	3,001.00	1/2	2,638.72
3/4		3/4		3/4		3/4	4,802.25	3/4	4,441.70	3/4	4,079.79	3/4	3,717.68	3/4	3,355.57	3/4	2,993.45	3/4	2,631.17
6		6		6		6	4,794.76	6	4,434.18	6	4,072.25	6	3,710.13	6	3,348.02	6	2,985.91	6	2,623.63
1/4		1/4		1/4		1/4	4,787.28	1/4	4,426.66	1/4	4,064.70	1/4	3,702.59	1/4	3,340.48	1/4	2,978.37	1/4	2,616.08
1/2		1/2		1/2		1/2	4,779.80	1/2	4,419.14	1/2	4,057.16	1/2	3,695.05	1/2	3,332.93	1/2	2,970.82	1/2	2,608.53
3/4		3/4		3/4		3/4	4,772.32	3/4	4,411.62	3/4	4,049.61	3/4	3,687.50	3/4	3,325.39	3/4	2,963.28	3/4	2,600.98
7		7		7		7	4,764.83	7	4,404.09	7	4,042.07	7	3,679.96	7	3,317.85	7	2,955.73	7	2,593.43
1/4		1/4		1/4		1/4	4,757.35	1/4	4,396.57	1/4	4,034.53	1/4	3,672.41	1/4	3,310.30	1/4	2,948.19	1/4	2,585.89
1/2		1/2		1/2		1/2	4,749.87	1/2	4,389.05	1/2	4,026.98	1/2	3,664.87	1/2	3,302.76	1/2	2,940.64	1/2	2,578.34
3/4		3/4		3/4	5,078.27	3/4	4,742.39	3/4	4,381.53	3/4	4,019.44	3/4	3,657.33	3/4	3,295.21	3/4	2,933.09	3/4	2,570.79
8		8		8	5,075.31	8	4,734.90	8	4,374.01	8	4,011.89	8	3,649.78	8	3,287.67	8	2,925.54	8	2,563.24
1/4		1/4		1/4	5,070.84	1/4	4,727.42	1/4	4,366.46	1/4	4,004.35	1/4	3,642.24	1/4	3,280.13	1/4	2,917.99	1/4	2,555.69
1/2		1/2		1/2	5,066.38	1/2	4,719.94	1/2	4,358.92	1/2	3,996.81	1/2	3,634.69	1/2	3,272.58	1/2	2,910.45	1/2	2,548.15
3/4		3/4		3/4	5,061.91	3/4	4,712.46	3/4	4,351.37	3/4	3,989.26	3/4	3,627.15	3/4	3,265.04	3/4	2,902.90	3/4	2,540.60
9		9		9	5,057.44	9	4,704.97	9	4,343.83	9	3,981.72	9	3,619.61	9	3,257.49	9	2,895.35	9	2,533.05
1/4		1/4		1/4	5,051.47	1/4	4,697.45	1/4	4,336.29	1/4	3,974.17	1/4	3,612.06	1/4	3,249.95	1/4	2,887.80	1/4	2,525.50
1/2		1/2		1/2	5,045.49	1/2	4,689.93	1/2	4,328.74	1/2	3,966.63	1/2	3,604.52	1/2	3,242.41	1/2	2,880.25	1/2	2,517.95
3/4		3/4		3/4	5,039.51	3/4	4,682.41	3/4	4,321.20	3/4	3,959.09	3/4	3,596.97	3/4	3,234.86	3/4	2,872.71	3/4	2,510.41
10		10		10	5,033.54	10	4,674.89	10	4,313.65	10	3,951.54	10	3,589.43	10	3,227.32	10	2,865.16	10	2,502.86
1/4		1/4		1/4	5,026.24	1/4	4,667.36	1/4	4,306.11	1/4	3,944.00	1/4	3,581.89	1/4	3,219.77	1/4	2,857.61	1/4	2,495.31
1/2		1/2		1/2	5,018.94	1/2	4,659.84	1/2	4,298.57	1/2	3,936.45	1/2	3,574.34	1/2	3,212.23	1/2	2,850.06	1/2	2,487.76
3/4		3/4		3/4	5,011.64	3/4	4,652.32	3/4	4,291.02	3/4	3,928.91	3/4	3,566.80	3/4	3,204.69	3/4	2,842.51	3/4	2,480.22
11		11		11	5,004.34	11	4,644.80	11	4,283.48	11	3,921.37	11	3,559.25	11	3,197.14	11	2,834.97	11	2,472.67
1/4		1/4		1/4	4,996.85	1/4	4,637.28	1/4	4,275.93	1/4	3,913.82	1/4	3,551.71	1/4	3,189.60	1/4	2,827.42	1/4	2,465.12
1/2		1/2		1/2	4,989.36	1/2	4,629.75	1/2	4,268.39	1/2	3,906.28	1/2	3,544.17	1/2	3,182.05	1/2	2,819.87	1/2	2,457.57
3/4		3/4		3/4	4,981.88	3/4	4,622.23	3/4	4,260.85	3/4	3,898.73	3/4	3,536.62	3/4	3,174.51	3/4	2,812.32	3/4	2,450.02

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 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HTCO 3005"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,442.48	0	2,080.18	0	1,717.88	0	1,355.58	0	994.07	0	633.20	0	282.07	0		0		0	
1/4	2,434.93	1/4	2,072.63	1/4	1,710.33	1/4	1,348.03	1/4	986.57	1/4	625.65	1/4	275.25	1/4		1/4		1/4	
1/2	2,427.38	1/2	2,065.08	1/2	1,702.78	1/2	1,340.48	1/2	979.07	1/2	618.10	1/2	268.43	1/2		1/2		1/2	
3/4	2,419.83	3/4	2,057.53	3/4	1,695.23	3/4	1,332.93	3/4	971.57	3/4	610.55	3/4	261.61	3/4		3/4		3/4	
1	2,412.28	1	2,049.99	1	1,687.69	1	1,325.39	1	964.08	1	603.01	1	254.79	1		1		1	
1/4	2,404.74	1/4	2,042.44	1/4	1,680.14	1/4	1,317.84	1/4	956.58	1/4	595.46	1/4	248.05	1/4		1/4		1/4	
1/2	2,397.19	1/2	2,034.89	1/2	1,672.59	1/2	1,310.29	1/2	949.08	1/2	587.91	1/2	241.31	1/2		1/2		1/2	
3/4	2,389.64	3/4	2,027.34	3/4	1,665.04	3/4	1,302.74	3/4	941.59	3/4	580.36	3/4	234.57	3/4		3/4		3/4	
2	2,382.09	2	2,019.79	2	1,657.49	2	1,295.20	2	934.09	2	572.81	2	227.83	2		2		2	
1/4	2,374.54	1/4	2,012.25	1/4	1,649.95	1/4	1,287.65	1/4	926.59	1/4	565.27	1/4	221.18	1/4		1/4		1/4	
1/2	2,367.00	1/2	2,004.70	1/2	1,642.40	1/2	1,280.10	1/2	919.10	1/2	557.72	1/2	214.52	1/2		1/2		1/2	
3/4	2,359.45	3/4	1,997.15	3/4	1,634.85	3/4	1,272.55	3/4	911.60	3/4	550.17	3/4	207.86	3/4		3/4		3/4	
3	2,351.90	3	1,989.60	3	1,627.30	3	1,265.00	3	904.10	3	542.62	3	201.21	3		3		3	
1/4	2,344.35	1/4	1,982.05	1/4	1,619.75	1/4	1,257.46	1/4	896.60	1/4	535.08	1/4	194.64	1/4		1/4		1/4	
1/2	2,336.81	1/2	1,974.51	1/2	1,612.21	1/2	1,249.91	1/2	889.11	1/2	527.53	1/2	188.06	1/2		1/2		1/2	
3/4	2,329.26	3/4	1,966.96	3/4	1,604.66	3/4	1,242.36	3/4	881.61	3/4	519.98	3/4	181.49	3/4		3/4		3/4	
4	2,321.71	4	1,959.41	4	1,597.11	4	1,234.81	4	874.11	4	512.43	4	174.92	4		4		4	
1/4	2,314.16	1/4	1,951.86	1/4	1,589.56	1/4	1,227.26	1/4	866.62	1/4	504.94	1/4	168.43	1/4		1/4		1/4	
1/2	2,306.61	1/2	1,944.31	1/2	1,582.02	1/2	1,219.72	1/2	859.12	1/2	497.45	1/2	161.93	1/2		1/2		1/2	
3/4	2,299.07	3/4	1,936.77	3/4	1,574.47	3/4	1,212.17	3/4	851.62	3/4	489.97	3/4	155.44	3/4		3/4		3/4	
5	2,291.52	5	1,929.22	5	1,566.92	5	1,204.62	5	844.13	5	482.48	5	148.95	5		5		5	
1/4	2,283.97	1/4	1,921.67	1/4	1,559.37	1/4	1,197.07	1/4	836.63	1/4	475.07	1/4	142.56	1/4		1/4		1/4	
1/2	2,276.42	1/2	1,914.12	1/2	1,551.82	1/2	1,189.52	1/2	829.13	1/2	467.66	1/2	136.16	1/2		1/2		1/2	
3/4	2,268.87	3/4	1,906.57	3/4	1,544.28	3/4	1,181.98	3/4	821.63	3/4	460.25	3/4	129.77	3/4		3/4		3/4	
6	2,261.33	6	1,899.03	6	1,536.73	6	1,174.43	6	814.14	6	452.85	6	123.37	6		6		6	
1/4	2,253.78	1/4	1,891.48	1/4	1,529.18	1/4	1,166.88	1/4	806.64	1/4	445.52	1/4	117.06	1/4		1/4		1/4	
1/2	2,246.23	1/2	1,883.93	1/2	1,521.63	1/2	1,159.33	1/2	799.14	1/2	438.19	1/2	110.74	1/2		1/2		1/2	
3/4	2,238.68	3/4	1,876.38	3/4	1,514.08	3/4	1,151.78	3/4	791.65	3/4	430.87	3/4	104.43	3/4		3/4		3/4	
7	2,231.13	7	1,868.84	7	1,506.54	7	1,144.24	7	784.15	7	423.54	7	98.11	7		7		7	
1/4	2,223.59	1/4	1,861.29	1/4	1,498.99	1/4	1,136.72	1/4	776.60	1/4	416.30	1/4	91.88	1/4		1/4		1/4	
1/2	2,216.04	1/2	1,853.74	1/2	1,491.44	1/2	1,129.20	1/2	769.05	1/2	409.05	1/2	85.65	1/2		1/2		1/2	
3/4	2,208.49	3/4	1,846.19	3/4	1,483.89	3/4	1,121.68	3/4	761.51	3/4	401.81	3/4	79.41	3/4		3/4		3/4	
8	2,200.94	8	1,838.64	8	1,476.34	8	1,114.16	8	753.96	8	394.57	8	73.18	8		8		8	
1/4	2,193.40	1/4	1,831.10	1/4	1,468.80	1/4	1,106.65	1/4	746.41	1/4	387.40	1/4	67.03	1/4		1/4		1/4	
1/2	2,185.85	1/2	1,823.55	1/2	1,461.25	1/2	1,099.13	1/2	738.86	1/2	380.24	1/2	60.88	1/2		1/2		1/2	
3/4	2,178.30	3/4	1,816.00	3/4	1,453.70	3/4	1,091.61	3/4	731.32	3/4	373.08	3/4	54.73	3/4		3/4		3/4	
9	2,170.75	9	1,808.45	9	1,446.15	9	1,084.09	9	723.77	9	365.92	9	48.58	9		9		9	
1/4	2,163.20	1/4	1,800.90	1/4	1,438.61	1/4	1,076.59	1/4	716.22	1/4	358.84	1/4	43.45	1/4		1/4		1/4	
1/2	2,155.66	1/2	1,793.36	1/2	1,431.06	1/2	1,069.08	1/2	708.67	1/2	351.76	1/2	38.33	1/2		1/2		1/2	
3/4	2,148.11	3/4	1,785.81	3/4	1,423.51	3/4	1,061.58	3/4	701.13	3/4	344.68	3/4	33.21	3/4		3/4		3/4	
10	2,140.56	10	1,778.26	10	1,415.96	10	1,054.07	10	693.58	10	337.61	10	28.08	10		10		10	
1/4	2,133.01	1/4	1,770.71	1/4	1,408.41	1/4	1,046.57	1/4	686.03	1/4	330.62	1/4	24.93	1/4		1/4		1/4	
1/2	2,125.46	1/2	1,763.16	1/2	1,400.87	1/2	1,039.06	1/2	678.48	1/2	323.64	1/2		1/2		1/2		1/2	
3/4	2,117.92	3/4	1,755.62	3/4	1,393.32	3/4	1,031.56	3/4	670.93	3/4	316.66	3/4		3/4		3/4		3/4	
11	2,110.37	11	1,748.07	11	1,385.77	11	1,024.05	11	663.39	11	309.67	11		11		11		11	
1/4	2,102.82	1/4	1,740.52	1/4	1,378.22	1/4	1,016.56	1/4	655.84	1/4	302.77	1/4		1/4		1/4		1/4	
1/2	2,095.27	1/2	1,732.97	1/2	1,370.67	1/2	1,009.06	1/2	648.29	1/2	295.87	1/2		1/2		1/2		1/2	
3/4	2,087.72	3/4	1,725.43	3/4	1,363.13	3/4	1,001.56	3/4	640.74	3/4	288.97	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 PMA
RECALCULATED: 02/05/2020 SW
VERIFIED: 02/04/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2025

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

BARGE "HTCO 3005"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,986.79	0	4,626.91	0	4,265.29	0	3,902.94	0	3,540.60	0	3,178.26	0	2,815.84
1/4		1/4		1/4		1/4	4,979.30	1/4	4,619.38	1/4	4,257.74	1/4	3,895.40	1/4	3,533.05	1/4	3,170.71	1/4	2,808.29
1/2		1/2		1/2		1/2	4,971.81	1/2	4,611.86	1/2	4,250.19	1/2	3,887.85	1/2	3,525.50	1/2	3,163.16	1/2	2,800.73
3/4		3/4		3/4		3/4	4,964.32	3/4	4,604.33	3/4	4,242.64	3/4	3,880.30	3/4	3,517.96	3/4	3,155.61	3/4	2,793.18
1		1		1		1	4,956.83	1	4,596.80	1	4,235.09	1	3,872.75	1	3,510.41	1	3,148.06	1	2,785.63
1/4		1/4		1/4		1/4	4,949.34	1/4	4,589.28	1/4	4,227.54	1/4	3,865.20	1/4	3,502.86	1/4	3,140.52	1/4	2,778.08
1/2		1/2		1/2		1/2	4,941.85	1/2	4,581.75	1/2	4,219.99	1/2	3,857.65	1/2	3,495.31	1/2	3,132.97	1/2	2,770.52
3/4		3/4		3/4		3/4	4,934.36	3/4	4,574.22	3/4	4,212.45	3/4	3,850.10	3/4	3,487.76	3/4	3,125.42	3/4	2,762.97
2		2		2		2	4,926.86	2	4,566.69	2	4,204.90	2	3,842.55	2	3,480.21	2	3,117.87	2	2,755.42
1/4		1/4		1/4		1/4	4,919.37	1/4	4,559.17	1/4	4,197.35	1/4	3,835.01	1/4	3,472.66	1/4	3,110.32	1/4	2,747.86
1/2		1/2		1/2		1/2	4,911.88	1/2	4,551.64	1/2	4,189.80	1/2	3,827.46	1/2	3,465.11	1/2	3,102.77	1/2	2,740.31
3/4		3/4		3/4		3/4	4,904.39	3/4	4,544.11	3/4	4,182.25	3/4	3,819.91	3/4	3,457.57	3/4	3,095.22	3/4	2,732.76
3		3		3		3	4,896.90	3	4,536.59	3	4,174.70	3	3,812.36	3	3,450.02	3	3,087.67	3	2,725.20
1/4		1/4		1/4		1/4	4,889.41	1/4	4,529.06	1/4	4,167.15	1/4	3,804.81	1/4	3,442.47	1/4	3,080.13	1/4	2,717.65
1/2		1/2		1/2		1/2	4,881.92	1/2	4,521.53	1/2	4,159.60	1/2	3,797.26	1/2	3,434.92	1/2	3,072.58	1/2	2,710.10
3/4		3/4		3/4		3/4	4,874.43	3/4	4,514.01	3/4	4,152.06	3/4	3,789.71	3/4	3,427.37	3/4	3,065.03	3/4	2,702.55
4		4		4		4	4,866.94	4	4,506.48	4	4,144.51	4	3,782.16	4	3,419.82	4	3,057.48	4	2,694.99
1/4		1/4		1/4		1/4	4,859.46	1/4	4,498.95	1/4	4,136.96	1/4	3,774.62	1/4	3,412.27	1/4	3,049.93	1/4	2,687.44
1/2		1/2		1/2		1/2	4,851.97	1/2	4,491.42	1/2	4,129.41	1/2	3,767.07	1/2	3,404.72	1/2	3,042.38	1/2	2,679.89
3/4		3/4		3/4		3/4	4,844.48	3/4	4,483.90	3/4	4,121.86	3/4	3,759.52	3/4	3,397.18	3/4	3,034.83	3/4	2,672.33
5		5		5		5	4,836.99	5	4,476.37	5	4,114.31	5	3,751.97	5	3,389.63	5	3,027.28	5	2,664.78
1/4		1/4		1/4		1/4	4,829.51	1/4	4,468.84	1/4	4,106.76	1/4	3,744.42	1/4	3,382.08	1/4	3,019.74	1/4	2,657.23
1/2		1/2		1/2		1/2	4,822.02	1/2	4,461.32	1/2	4,099.21	1/2	3,736.87	1/2	3,374.53	1/2	3,012.19	1/2	2,649.68
3/4		3/4		3/4		3/4	4,814.53	3/4	4,453.79	3/4	4,091.66	3/4	3,729.32	3/4	3,366.98	3/4	3,004.64	3/4	2,642.12
6		6		6		6	4,807.04	6	4,446.26	6	4,084.12	6	3,721.77	6	3,359.43	6	2,997.09	6	2,634.57
1/4		1/4		1/4		1/4	4,799.56	1/4	4,438.74	1/4	4,076.57	1/4	3,714.22	1/4	3,351.88	1/4	2,989.54	1/4	2,627.02
1/2		1/2		1/2		1/2	4,792.07	1/2	4,431.21	1/2	4,069.02	1/2	3,706.68	1/2	3,344.33	1/2	2,981.99	1/2	2,619.46
3/4		3/4		3/4		3/4	4,784.58	3/4	4,423.68	3/4	4,061.47	3/4	3,699.13	3/4	3,336.78	3/4	2,974.44	3/4	2,611.91
7		7		7		7	4,777.09	7	4,416.15	7	4,053.92	7	3,691.58	7	3,329.24	7	2,966.89	7	2,604.36
1/4		1/4		1/4		1/4	4,769.61	1/4	4,408.63	1/4	4,046.37	1/4	3,684.03	1/4	3,321.69	1/4	2,959.34	1/4	2,596.81
1/2		1/2		1/2		1/2	4,762.12	1/2	4,401.10	1/2	4,038.82	1/2	3,676.48	1/2	3,314.14	1/2	2,951.79	1/2	2,589.25
3/4		3/4		3/4		3/4	4,754.63	3/4	4,393.57	3/4	4,031.27	3/4	3,668.93	3/4	3,306.59	3/4	2,944.24	3/4	2,581.70
8		8		8	5,083.25	8	4,747.14	8	4,386.05	8	4,023.73	8	3,661.38	8	3,299.04	8	2,936.69	8	2,574.15
1/4		1/4		1/4	5,080.29	1/4	4,739.66	1/4	4,378.52	1/4	4,016.18	1/4	3,653.83	1/4	3,291.49	1/4	2,929.13	1/4	2,566.59
1/2		1/2		1/2	5,075.82	1/2	4,732.17	1/2	4,370.97	1/2	4,008.63	1/2	3,646.29	1/2	3,283.94	1/2	2,921.58	1/2	2,559.04
3/4		3/4		3/4	5,071.35	3/4	4,724.68	3/4	4,363.42	3/4	4,001.08	3/4	3,638.74	3/4	3,276.39	3/4	2,914.03	3/4	2,551.49
9		9		9	5,066.88	9	4,717.19	9	4,355.87	9	3,993.53	9	3,631.19	9	3,268.85	9	2,906.47	9	2,543.94
1/4		1/4		1/4	5,062.41	1/4	4,709.71	1/4	4,348.32	1/4	3,985.98	1/4	3,623.64	1/4	3,261.30	1/4	2,898.92	1/4	2,536.38
1/2		1/2		1/2	5,056.43	1/2	4,702.18	1/2	4,340.78	1/2	3,978.43	1/2	3,616.09	1/2	3,253.75	1/2	2,891.37	1/2	2,528.83
3/4		3/4		3/4	5,050.45	3/4	4,694.65	3/4	4,333.23	3/4	3,970.88	3/4	3,608.54	3/4	3,246.20	3/4	2,883.82	3/4	2,521.28
10		10		10	5,044.47	10	4,687.13	10	4,325.68	10	3,963.34	10	3,600.99	10	3,238.65	10	2,876.26	10	2,513.72
1/4		1/4		1/4	5,038.49	1/4	4,679.60	1/4	4,318.13	1/4	3,955.79	1/4	3,593.44	1/4	3,231.10	1/4	2,868.71	1/4	2,506.17
1/2		1/2		1/2	5,031.18	1/2	4,672.07	1/2	4,310.58	1/2	3,948.24	1/2	3,585.90	1/2	3,223.55	1/2	2,861.16	1/2	2,498.62
3/4		3/4		3/4	5,023.88	3/4	4,664.55	3/4	4,303.03	3/4	3,940.69	3/4	3,578.35	3/4	3,216.00	3/4	2,853.60	3/4	2,491.07
11		11		11	5,016.57	11	4,657.02	11	4,295.48	11	3,933.14	11	3,570.80	11	3,208.46	11	2,846.05	11	2,483.51
1/4		1/4		1/4	5,009.27	1/4	4,649.49	1/4	4,287.93	1/4	3,925.59	1/4	3,563.25	1/4	3,200.91	1/4	2,838.50	1/4	2,475.96
1/2		1/2		1/2	5,001.78	1/2	4,641.96	1/2	4,280.38	1/2	3,918.04	1/2	3,555.70	1/2	3,193.36	1/2	2,830.95	1/2	2,468.41
3/4		3/4		3/4	4,994.29	3/4	4,634.44	3/4	4,272.84	3/4	3,910.49	3/4	3,548.15	3/4	3,185.81	3/4	2,823.39	3/4	2,460.85

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 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3005"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,453.30	0	2,090.76	0	1,728.22	0	1,365.68	0	1,003.24	0	641.11	0	289.16	0		0		0	
1/4	2,445.75	1/4	2,083.21	1/4	1,720.67	1/4	1,358.13	1/4	995.70	1/4	633.55	1/4	282.25	1/4		1/4		1/4	
1/2	2,438.19	1/2	2,075.66	1/2	1,713.12	1/2	1,350.58	1/2	988.16	1/2	626.00	1/2	275.43	1/2		1/2		1/2	
3/4	2,430.64	3/4	2,068.10	3/4	1,705.56	3/4	1,343.02	3/4	980.62	3/4	618.45	3/4	268.60	3/4		3/4		3/4	
1	2,423.09	1	2,060.55	1	1,698.01	1	1,335.47	1	973.08	1	610.90	1	261.78	1		1		1	
1/4	2,415.54	1/4	2,053.00	1/4	1,690.46	1/4	1,327.92	1/4	965.54	1/4	603.34	1/4	254.95	1/4		1/4		1/4	
1/2	2,407.98	1/2	2,045.44	1/2	1,682.90	1/2	1,320.37	1/2	958.01	1/2	595.79	1/2	248.21	1/2		1/2		1/2	
3/4	2,400.43	3/4	2,037.89	3/4	1,675.35	3/4	1,312.81	3/4	950.47	3/4	588.24	3/4	241.47	3/4		3/4		3/4	
2	2,392.88	2	2,030.34	2	1,667.80	2	1,305.26	2	942.93	2	580.69	2	234.72	2		2		2	
1/4	2,385.32	1/4	2,022.79	1/4	1,660.25	1/4	1,297.71	1/4	935.39	1/4	573.13	1/4	227.98	1/4		1/4		1/4	
1/2	2,377.77	1/2	2,015.23	1/2	1,652.69	1/2	1,290.15	1/2	927.85	1/2	565.59	1/2	221.32	1/2		1/2		1/2	
3/4	2,370.22	3/4	2,007.68	3/4	1,645.14	3/4	1,282.60	3/4	920.31	3/4	558.04	3/4	214.66	3/4		3/4		3/4	
3	2,362.67	3	2,000.13	3	1,637.59	3	1,275.05	3	912.77	3	550.50	3	208.00	3		3		3	
1/4	2,355.11	1/4	1,992.57	1/4	1,630.03	1/4	1,267.50	1/4	905.23	1/4	542.95	1/4	201.34	1/4		1/4		1/4	
1/2	2,347.56	1/2	1,985.02	1/2	1,622.48	1/2	1,259.94	1/2	897.69	1/2	535.41	1/2	194.76	1/2		1/2		1/2	
3/4	2,340.01	3/4	1,977.47	3/4	1,614.93	3/4	1,252.39	3/4	890.15	3/4	527.86	3/4	188.19	3/4		3/4		3/4	
4	2,332.45	4	1,969.91	4	1,607.38	4	1,244.84	4	882.62	4	520.32	4	181.61	4		4		4	
1/4	2,324.90	1/4	1,962.36	1/4	1,599.82	1/4	1,237.28	1/4	875.08	1/4	512.77	1/4	175.03	1/4		1/4		1/4	
1/2	2,317.35	1/2	1,954.81	1/2	1,592.27	1/2	1,229.73	1/2	867.54	1/2	505.28	1/2	168.53	1/2		1/2		1/2	
3/4	2,309.80	3/4	1,947.26	3/4	1,584.72	3/4	1,222.18	3/4	860.00	3/4	497.78	3/4	162.04	3/4		3/4		3/4	
5	2,302.24	5	1,939.70	5	1,577.16	5	1,214.62	5	852.46	5	490.29	5	155.54	5		5		5	
1/4	2,294.69	1/4	1,932.15	1/4	1,569.61	1/4	1,207.07	1/4	844.92	1/4	482.80	1/4	149.05	1/4		1/4		1/4	
1/2	2,287.14	1/2	1,924.60	1/2	1,562.06	1/2	1,199.52	1/2	837.38	1/2	475.38	1/2	142.65	1/2		1/2		1/2	
3/4	2,279.58	3/4	1,917.04	3/4	1,554.51	3/4	1,191.97	3/4	829.84	3/4	467.97	3/4	136.25	3/4		3/4		3/4	
6	2,272.03	6	1,909.49	6	1,546.95	6	1,184.41	6	822.30	6	460.56	6	129.85	6		6		6	
1/4	2,264.48	1/4	1,901.94	1/4	1,539.40	1/4	1,176.86	1/4	814.76	1/4	453.15	1/4	123.45	1/4		1/4		1/4	
1/2	2,256.93	1/2	1,894.39	1/2	1,531.85	1/2	1,169.31	1/2	807.23	1/2	445.82	1/2	117.13	1/2		1/2		1/2	
3/4	2,249.37	3/4	1,886.83	3/4	1,524.29	3/4	1,161.75	3/4	799.69	3/4	438.48	3/4	110.81	3/4		3/4		3/4	
7	2,241.82	7	1,879.28	7	1,516.74	7	1,154.20	7	792.15	7	431.15	7	104.49	7		7		7	
1/4	2,234.27	1/4	1,871.73	1/4	1,509.19	1/4	1,146.65	1/4	784.61	1/4	423.82	1/4	98.17	1/4		1/4		1/4	
1/2	2,226.71	1/2	1,864.17	1/2	1,501.64	1/2	1,139.10	1/2	777.06	1/2	416.57	1/2	91.94	1/2		1/2		1/2	
3/4	2,219.16	3/4	1,856.62	3/4	1,494.08	3/4	1,131.54	3/4	769.50	3/4	409.32	3/4	85.70	3/4		3/4		3/4	
8	2,211.61	8	1,849.07	8	1,486.53	8	1,123.99	8	761.95	8	402.08	8	79.46	8		8		8	
1/4	2,204.05	1/4	1,841.52	1/4	1,478.98	1/4	1,116.44	1/4	754.40	1/4	394.83	1/4	73.23	1/4		1/4		1/4	
1/2	2,196.50	1/2	1,833.96	1/2	1,471.42	1/2	1,108.88	1/2	746.85	1/2	387.66	1/2	67.07	1/2		1/2		1/2	
3/4	2,188.95	3/4	1,826.41	3/4	1,463.87	3/4	1,101.33	3/4	739.29	3/4	380.50	3/4	60.92	3/4		3/4		3/4	
9	2,181.40	9	1,818.86	9	1,456.32	9	1,093.78	9	731.74	9	373.33	9	54.76	9		9		9	
1/4	2,173.84	1/4	1,811.30	1/4	1,448.76	1/4	1,086.23	1/4	724.19	1/4	366.16	1/4	48.61	1/4		1/4		1/4	
1/2	2,166.29	1/2	1,803.75	1/2	1,441.21	1/2	1,078.68	1/2	716.63	1/2	359.08	1/2	43.48	1/2		1/2		1/2	
3/4	2,158.74	3/4	1,796.20	3/4	1,433.66	3/4	1,071.13	3/4	709.08	3/4	352.00	3/4	38.35	3/4		3/4		3/4	
10	2,151.18	10	1,788.65	10	1,426.11	10	1,063.59	10	701.53	10	344.91	10	33.22	10		10		10	
1/4	2,143.63	1/4	1,781.09	1/4	1,418.55	1/4	1,056.04	1/4	693.98	1/4	337.83	1/4	28.10	1/4		1/4		1/4	
1/2	2,136.08	1/2	1,773.54	1/2	1,411.00	1/2	1,048.50	1/2	686.42	1/2	330.84	1/2	24.94	1/2		1/2		1/2	
3/4	2,128.53	3/4	1,765.99	3/4	1,403.45	3/4	1,040.95	3/4	678.87	3/4	323.85	3/4		3/4		3/4		3/4	
11	2,120.97	11	1,758.43	11	1,395.89	11	1,033.40	11	671.32	11	316.87	11		11		11		11	
1/4	2,113.42	1/4	1,750.88	1/4	1,388.34	1/4	1,025.86	1/4	663.77	1/4	309.88	1/4		1/4		1/4		1/4	
1/2	2,105.87	1/2	1,743.33	1/2	1,380.79	1/2	1,018.32	1/2	656.21	1/2	302.97	1/2		1/2		1/2		1/2	
3/4	2,098.31	3/4	1,735.78	3/4	1,373.24	3/4	1,010.78	3/4	648.66	3/4	296.07	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 PMA
RECALCULATED: 02/05/2020 SW
VERIFIED: 02/04/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HTCO 3005"

2 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,888.23	0	4,538.84	0	4,187.71	0	3,835.87	0	3,484.02	0	3,132.18	0	2,780.26
1/4		1/4		1/4		1/4	4,880.95	1/4	4,531.53	1/4	4,180.38	1/4	3,828.54	1/4	3,476.69	1/4	3,124.85	1/4	2,772.92
1/2		1/2		1/2		1/2	4,873.68	1/2	4,524.23	1/2	4,173.05	1/2	3,821.21	1/2	3,469.36	1/2	3,117.52	1/2	2,765.59
3/4		3/4		3/4		3/4	4,866.41	3/4	4,516.92	3/4	4,165.72	3/4	3,813.88	3/4	3,462.03	3/4	3,110.19	3/4	2,758.25
1		1		1		1	4,859.14	1	4,509.61	1	4,158.39	1	3,806.55	1	3,454.70	1	3,102.86	1	2,750.92
1/4		1/4		1/4		1/4	4,851.86	1/4	4,502.30	1/4	4,151.06	1/4	3,799.21	1/4	3,447.37	1/4	3,095.53	1/4	2,743.58
1/2		1/2		1/2		1/2	4,844.59	1/2	4,494.99	1/2	4,143.73	1/2	3,791.88	1/2	3,440.04	1/2	3,088.20	1/2	2,736.25
3/4		3/4		3/4		3/4	4,837.32	3/4	4,487.68	3/4	4,136.40	3/4	3,784.55	3/4	3,432.71	3/4	3,080.87	3/4	2,728.92
2		2		2		2	4,830.05	2	4,480.37	2	4,129.07	2	3,777.22	2	3,425.38	2	3,073.54	2	2,721.58
1/4		1/4		1/4		1/4	4,822.77	1/4	4,473.07	1/4	4,121.74	1/4	3,769.89	1/4	3,418.05	1/4	3,066.20	1/4	2,714.25
1/2		1/2		1/2		1/2	4,815.50	1/2	4,465.76	1/2	4,114.41	1/2	3,762.56	1/2	3,410.72	1/2	3,058.87	1/2	2,706.91
3/4		3/4		3/4		3/4	4,808.23	3/4	4,458.45	3/4	4,107.08	3/4	3,755.23	3/4	3,403.39	3/4	3,051.54	3/4	2,699.58
3		3		3		3	4,800.95	3	4,451.14	3	4,099.75	3	3,747.90	3	3,396.06	3	3,044.21	3	2,692.25
1/4		1/4		1/4		1/4	4,793.68	1/4	4,443.83	1/4	4,092.42	1/4	3,740.57	1/4	3,388.73	1/4	3,036.88	1/4	2,684.91
1/2		1/2		1/2		1/2	4,786.41	1/2	4,436.52	1/2	4,085.09	1/2	3,733.24	1/2	3,381.40	1/2	3,029.55	1/2	2,677.58
3/4		3/4		3/4		3/4	4,779.14	3/4	4,429.21	3/4	4,077.76	3/4	3,725.91	3/4	3,374.07	3/4	3,022.22	3/4	2,670.24
4		4		4		4	4,771.88	4	4,421.91	4	4,070.43	4	3,718.58	4	3,366.74	4	3,014.89	4	2,662.91
1/4		1/4		1/4		1/4	4,764.61	1/4	4,414.60	1/4	4,063.10	1/4	3,711.25	1/4	3,359.41	1/4	3,007.56	1/4	2,655.58
1/2		1/2		1/2		1/2	4,757.34	1/2	4,407.29	1/2	4,055.77	1/2	3,703.92	1/2	3,352.08	1/2	3,000.23	1/2	2,648.24
3/4		3/4		3/4		3/4	4,750.07	3/4	4,399.98	3/4	4,048.44	3/4	3,696.59	3/4	3,344.75	3/4	2,992.90	3/4	2,640.91
5		5		5		5	4,742.80	5	4,392.67	5	4,041.11	5	3,689.26	5	3,337.42	5	2,985.57	5	2,633.57
1/4		1/4		1/4		1/4	4,735.53	1/4	4,385.36	1/4	4,033.78	1/4	3,681.93	1/4	3,330.09	1/4	2,978.24	1/4	2,626.24
1/2		1/2		1/2		1/2	4,728.26	1/2	4,378.06	1/2	4,026.45	1/2	3,674.60	1/2	3,322.76	1/2	2,970.91	1/2	2,618.90
3/4		3/4		3/4		3/4	4,721.00	3/4	4,370.75	3/4	4,019.12	3/4	3,667.27	3/4	3,315.43	3/4	2,963.58	3/4	2,611.57
6		6		6		6	4,713.73	6	4,363.44	6	4,011.79	6	3,659.94	6	3,308.10	6	2,956.25	6	2,604.24
1/4		1/4		1/4		1/4	4,706.46	1/4	4,356.13	1/4	4,004.46	1/4	3,652.61	1/4	3,300.77	1/4	2,948.92	1/4	2,596.90
1/2		1/2		1/2		1/2	4,699.19	1/2	4,348.82	1/2	3,997.13	1/2	3,645.28	1/2	3,293.44	1/2	2,941.59	1/2	2,589.57
3/4		3/4		3/4		3/4	4,691.92	3/4	4,341.51	3/4	3,989.80	3/4	3,637.95	3/4	3,286.11	3/4	2,934.26	3/4	2,582.23
7		7		7		7	4,684.65	7	4,334.20	7	3,982.47	7	3,630.62	7	3,278.78	7	2,926.93	7	2,574.90
1/4		1/4		1/4		1/4	4,677.38	1/4	4,326.90	1/4	3,975.14	1/4	3,623.29	1/4	3,271.45	1/4	2,919.60	1/4	2,567.57
1/2		1/2		1/2		1/2	4,670.12	1/2	4,319.59	1/2	3,967.81	1/2	3,615.96	1/2	3,264.12	1/2	2,912.27	1/2	2,560.23
3/4		3/4		3/4		3/4	4,662.85	3/4	4,312.28	3/4	3,960.48	3/4	3,608.63	3/4	3,256.79	3/4	2,904.93	3/4	2,552.90
8		8		8	4,981.86	8	4,655.58	8	4,304.97	8	3,953.15	8	3,601.30	8	3,249.46	8	2,897.60	8	2,545.56
1/4		1/4		1/4	4,978.99	1/4	4,648.31	1/4	4,297.66	1/4	3,945.82	1/4	3,593.97	1/4	3,242.13	1/4	2,890.27	1/4	2,538.23
1/2		1/2		1/2	4,974.65	1/2	4,641.04	1/2	4,290.33	1/2	3,938.49	1/2	3,586.64	1/2	3,234.80	1/2	2,882.93	1/2	2,530.90
3/4		3/4		3/4	4,970.31	3/4	4,633.77	3/4	4,283.00	3/4	3,931.16	3/4	3,579.31	3/4	3,227.47	3/4	2,875.60	3/4	2,523.56
9		9		9	4,965.97	9	4,626.50	9	4,275.67	9	3,923.83	9	3,571.98	9	3,220.14	9	2,868.26	9	2,516.23
1/4		1/4		1/4	4,961.63	1/4	4,619.24	1/4	4,268.34	1/4	3,916.50	1/4	3,564.65	1/4	3,212.81	1/4	2,860.93	1/4	2,508.89
1/2		1/2		1/2	4,955.83	1/2	4,611.93	1/2	4,261.01	1/2	3,909.17	1/2	3,557.32	1/2	3,205.48	1/2	2,853.60	1/2	2,501.56
3/4		3/4		3/4	4,950.02	3/4	4,604.62	3/4	4,253.68	3/4	3,901.84	3/4	3,549.99	3/4	3,198.15	3/4	2,846.26	3/4	2,494.23
10		10		10	4,944.21	10	4,597.31	10	4,246.35	10	3,894.51	10	3,542.66	10	3,190.82	10	2,838.93	10	2,486.89
1/4		1/4		1/4	4,938.41	1/4	4,590.00	1/4	4,239.02	1/4	3,887.18	1/4	3,535.33	1/4	3,183.49	1/4	2,831.59	1/4	2,479.56
1/2		1/2		1/2	4,931.32	1/2	4,582.69	1/2	4,231.69	1/2	3,879.85	1/2	3,528.00	1/2	3,176.16	1/2	2,824.26	1/2	2,472.22
3/4		3/4		3/4	4,924.23	3/4	4,575.38	3/4	4,224.36	3/4	3,872.52	3/4	3,520.67	3/4	3,168.83	3/4	2,816.93	3/4	2,464.89
11		11		11	4,917.14	11	4,568.08	11	4,217.03	11	3,865.19	11	3,513.34	11	3,161.50	11	2,809.59	11	2,457.55
1/4		1/4		1/4	4,910.05	1/4	4,560.77	1/4	4,209.70	1/4	3,857.86	1/4	3,506.01	1/4	3,154.17	1/4	2,802.26	1/4	2,450.22
1/2		1/2		1/2	4,902.77	1/2	4,553.46	1/2	4,202.37	1/2	3,850.53	1/2	3,498.68	1/2	3,146.84	1/2	2,794.92	1/2	2,442.89
3/4		3/4		3/4	4,895.50	3/4	4,546.15	3/4	4,195.04	3/4	3,843.20	3/4	3,491.35	3/4	3,139.51	3/4	2,787.59	3/4	2,435.55

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 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3005"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,428.22	0	2,076.18	0	1,724.14	0	1,372.11	0	1,025.62	0	682.41	0	330.39	0		0		0	
1/4	2,420.88	1/4	2,068.85	1/4	1,716.81	1/4	1,364.77	1/4	1,018.59	1/4	675.08	1/4	323.05	1/4		1/4		1/4	
1/2	2,413.55	1/2	2,061.51	1/2	1,709.48	1/2	1,357.44	1/2	1,011.56	1/2	667.75	1/2	315.72	1/2		1/2		1/2	
3/4	2,406.22	3/4	2,054.18	3/4	1,702.14	3/4	1,350.11	3/4	1,004.53	3/4	660.41	3/4	308.39	3/4		3/4		3/4	
1	2,398.88	1	2,046.85	1	1,694.81	1	1,342.77	1	997.50	1	653.08	1	301.05	1		1		1	
1/4	2,391.55	1/4	2,039.51	1/4	1,687.47	1/4	1,335.44	1/4	990.47	1/4	645.74	1/4	293.72	1/4		1/4		1/4	
1/2	2,384.21	1/2	2,032.18	1/2	1,680.14	1/2	1,328.10	1/2	983.44	1/2	638.41	1/2	286.38	1/2		1/2		1/2	
3/4	2,376.88	3/4	2,024.84	3/4	1,672.81	3/4	1,320.77	3/4	976.41	3/4	631.08	3/4	279.05	3/4		3/4		3/4	
2	2,369.55	2	2,017.51	2	1,665.47	2	1,313.44	2	969.38	2	623.74	2	271.72	2		2		2	
1/4	2,362.21	1/4	2,010.17	1/4	1,658.14	1/4	1,306.10	1/4	962.35	1/4	616.41	1/4	264.38	1/4		1/4		1/4	
1/2	2,354.88	1/2	2,002.84	1/2	1,650.80	1/2	1,298.77	1/2	955.32	1/2	609.08	1/2	257.05	1/2		1/2		1/2	
3/4	2,347.54	3/4	1,995.51	3/4	1,643.47	3/4	1,291.43	3/4	948.29	3/4	601.74	3/4	249.71	3/4		3/4		3/4	
3	2,340.21	3	1,988.17	3	1,636.14	3	1,284.10	3	941.26	3	594.41	3	242.38	3		3		3	
1/4	2,332.87	1/4	1,980.84	1/4	1,628.80	1/4	1,276.76	1/4	934.23	1/4	587.07	1/4	235.05	1/4		1/4		1/4	
1/2	2,325.54	1/2	1,973.50	1/2	1,621.47	1/2	1,269.43	1/2	927.21	1/2	579.74	1/2	227.71	1/2		1/2		1/2	
3/4	2,318.21	3/4	1,966.17	3/4	1,614.13	3/4	1,262.10	3/4	920.18	3/4	572.41	3/4	220.38	3/4		3/4		3/4	
4	2,310.87	4	1,958.84	4	1,606.80	4	1,254.76	4	913.15	4	565.07	4	213.04	4		4		4	
1/4	2,303.54	1/4	1,951.50	1/4	1,599.46	1/4	1,247.43	1/4	906.12	1/4	557.74	1/4	205.71	1/4		1/4		1/4	
1/2	2,296.20	1/2	1,944.17	1/2	1,592.13	1/2	1,240.09	1/2	899.09	1/2	550.40	1/2	198.38	1/2		1/2		1/2	
3/4	2,288.87	3/4	1,936.83	3/4	1,584.80	3/4	1,232.76	3/4	892.06	3/4	543.07	3/4	191.04	3/4		3/4		3/4	
5	2,281.54	5	1,929.50	5	1,577.46	5	1,225.43	5	885.03	5	535.74	5	183.71	5		5		5	
1/4	2,274.20	1/4	1,922.17	1/4	1,570.13	1/4	1,218.09	1/4	878.00	1/4	528.40	1/4	176.37	1/4		1/4		1/4	
1/2	2,266.87	1/2	1,914.83	1/2	1,562.79	1/2	1,210.76	1/2	870.97	1/2	521.07	1/2	169.04	1/2		1/2		1/2	
3/4	2,259.53	3/4	1,907.50	3/4	1,555.46	3/4	1,203.42	3/4	863.94	3/4	513.73	3/4	161.71	3/4		3/4		3/4	
6	2,252.20	6	1,900.16	6	1,548.13	6	1,196.09	6	856.91	6	506.40	6	154.37	6		6		6	
1/4	2,244.87	1/4	1,892.83	1/4	1,540.79	1/4	1,188.76	1/4	849.88	1/4	499.07	1/4	147.04	1/4		1/4		1/4	
1/2	2,237.53	1/2	1,885.49	1/2	1,533.46	1/2	1,181.42	1/2	842.85	1/2	491.73	1/2	139.71	1/2		1/2		1/2	
3/4	2,230.20	3/4	1,878.16	3/4	1,526.12	3/4	1,174.09	3/4	835.82	3/4	484.40	3/4	132.37	3/4		3/4		3/4	
7	2,222.86	7	1,870.83	7	1,518.79	7	1,166.75	7	828.79	7	477.06	7	125.04	7		7		7	
1/4	2,215.53	1/4	1,863.49	1/4	1,511.46	1/4	1,159.42	1/4	821.76	1/4	469.73	1/4	117.70	1/4		1/4		1/4	
1/2	2,208.20	1/2	1,856.16	1/2	1,504.12	1/2	1,152.37	1/2	814.42	1/2	462.40	1/2	110.37	1/2		1/2		1/2	
3/4	2,200.86	3/4	1,848.82	3/4	1,496.79	3/4	1,145.32	3/4	807.09	3/4	455.06	3/4	103.04	3/4		3/4		3/4	
8	2,193.53	8	1,841.49	8	1,489.45	8	1,138.27	8	799.76	8	447.73	8	95.70	8		8		8	
1/4	2,186.19	1/4	1,834.16	1/4	1,482.12	1/4	1,131.21	1/4	792.42	1/4	440.40	1/4	88.37	1/4		1/4		1/4	
1/2	2,178.86	1/2	1,826.82	1/2	1,474.79	1/2	1,124.16	1/2	785.09	1/2	433.06	1/2	81.03	1/2		1/2		1/2	
3/4	2,171.52	3/4	1,819.49	3/4	1,467.45	3/4	1,117.11	3/4	777.75	3/4	425.73	3/4	73.70	3/4		3/4		3/4	
9	2,164.19	9	1,812.15	9	1,460.12	9	1,110.06	9	770.42	9	418.39	9	66.37	9		9		9	
1/4	2,156.86	1/4	1,804.82	1/4	1,452.78	1/4	1,103.01	1/4	763.09	1/4	411.06	1/4	59.03	1/4		1/4		1/4	
1/2	2,149.52	1/2	1,797.49	1/2	1,445.45	1/2	1,095.97	1/2	755.75	1/2	403.73	1/2	52.62	1/2		1/2		1/2	
3/4	2,142.19	3/4	1,790.15	3/4	1,438.11	3/4	1,088.93	3/4	748.42	3/4	396.39	3/4	46.20	3/4		3/4		3/4	
10	2,134.85	10	1,782.82	10	1,430.78	10	1,081.90	10	741.09	10	389.06	10	39.78	10		10		10	
1/4	2,127.52	1/4	1,775.48	1/4	1,423.45	1/4	1,074.86	1/4	733.75	1/4	381.72	1/4	33.36	1/4		1/4		1/4	
1/2	2,120.19	1/2	1,768.15	1/2	1,416.11	1/2	1,067.82	1/2	726.42	1/2	374.39	1/2	28.78	1/2		1/2		1/2	
3/4	2,112.85	3/4	1,760.82	3/4	1,408.78	3/4	1,060.79	3/4	719.08	3/4	367.06	3/4		3/4		3/4		3/4	
11	2,105.52	11	1,753.48	11	1,401.44	11	1,053.75	11	711.75	11	359.72	11		11		11		11	
1/4	2,098.18	1/4	1,746.15	1/4	1,394.11	1/4	1,046.71	1/4	704.42	1/4	352.39	1/4		1/4		1/4		1/4	
1/2	2,090.85	1/2	1,738.81	1/2	1,386.78	1/2	1,039.68	1/2	697.08	1/2	345.05	1/2		1/2		1/2		1/2	
3/4	2,083.52	3/4	1,731.48	3/4	1,379.44	3/4	1,032.65	3/4	689.75	3/4	337.72	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 PMA
RECALCULATED: 02/05/2020 SW
VERIFIED: 02/04/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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http://www.pmacorp.net

BARGE "HTCO 3005"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,897.30	0	4,548.26	0	4,197.48	0	3,845.99	0	3,494.49	0	3,143.00	0	2,791.42
1/4		1/4		1/4		1/4	4,890.03	1/4	4,540.96	1/4	4,190.16	1/4	3,838.66	1/4	3,487.17	1/4	3,135.67	1/4	2,784.10
1/2		1/2		1/2		1/2	4,882.77	1/2	4,533.66	1/2	4,182.83	1/2	3,831.34	1/2	3,479.85	1/2	3,128.35	1/2	2,776.77
3/4		3/4		3/4		3/4	4,875.50	3/4	4,526.36	3/4	4,175.51	3/4	3,824.02	3/4	3,472.52	3/4	3,121.03	3/4	2,769.44
1		1		1		1	4,868.24	1	4,519.06	1	4,168.19	1	3,816.69	1	3,465.20	1	3,113.71	1	2,762.12
1/4		1/4		1/4		1/4	4,860.97	1/4	4,511.76	1/4	4,160.87	1/4	3,809.37	1/4	3,457.88	1/4	3,106.38	1/4	2,754.79
1/2		1/2		1/2		1/2	4,853.71	1/2	4,504.45	1/2	4,153.54	1/2	3,802.05	1/2	3,450.55	1/2	3,099.06	1/2	2,747.46
3/4		3/4		3/4		3/4	4,846.44	3/4	4,497.15	3/4	4,146.22	3/4	3,794.73	3/4	3,443.23	3/4	3,091.74	3/4	2,740.14
2		2		2		2	4,839.18	2	4,489.85	2	4,138.90	2	3,787.40	2	3,435.91	2	3,084.41	2	2,732.81
1/4		1/4		1/4		1/4	4,831.91	1/4	4,482.55	1/4	4,131.57	1/4	3,780.08	1/4	3,428.59	1/4	3,077.09	1/4	2,725.48
1/2		1/2		1/2		1/2	4,824.65	1/2	4,475.25	1/2	4,124.25	1/2	3,772.76	1/2	3,421.26	1/2	3,069.77	1/2	2,718.16
3/4		3/4		3/4		3/4	4,817.38	3/4	4,467.95	3/4	4,116.93	3/4	3,765.43	3/4	3,413.94	3/4	3,062.45	3/4	2,710.83
3		3		3		3	4,810.12	3	4,460.65	3	4,109.61	3	3,758.11	3	3,406.62	3	3,055.12	3	2,703.50
1/4		1/4		1/4		1/4	4,802.85	1/4	4,453.35	1/4	4,102.28	1/4	3,750.79	1/4	3,399.29	1/4	3,047.80	1/4	2,696.17
1/2		1/2		1/2		1/2	4,795.59	1/2	4,446.04	1/2	4,094.96	1/2	3,743.47	1/2	3,391.97	1/2	3,040.48	1/2	2,688.85
3/4		3/4		3/4		3/4	4,788.33	3/4	4,438.74	3/4	4,087.64	3/4	3,736.14	3/4	3,384.65	3/4	3,033.15	3/4	2,681.52
4		4		4		4	4,781.07	4	4,431.44	4	4,080.32	4	3,728.82	4	3,377.33	4	3,025.83	4	2,674.19
1/4		1/4		1/4		1/4	4,773.80	1/4	4,424.14	1/4	4,072.99	1/4	3,721.50	1/4	3,370.00	1/4	3,018.51	1/4	2,666.87
1/2		1/2		1/2		1/2	4,766.54	1/2	4,416.84	1/2	4,065.67	1/2	3,714.18	1/2	3,362.68	1/2	3,011.19	1/2	2,659.54
3/4		3/4		3/4		3/4	4,759.28	3/4	4,409.54	3/4	4,058.35	3/4	3,706.85	3/4	3,355.36	3/4	3,003.86	3/4	2,652.21
5		5		5		5	4,752.02	5	4,402.24	5	4,051.02	5	3,699.53	5	3,348.04	5	2,996.54	5	2,644.89
1/4		1/4		1/4		1/4	4,744.76	1/4	4,394.94	1/4	4,043.70	1/4	3,692.21	1/4	3,340.71	1/4	2,989.22	1/4	2,637.56
1/2		1/2		1/2		1/2	4,737.50	1/2	4,387.64	1/2	4,036.38	1/2	3,684.88	1/2	3,333.39	1/2	2,981.90	1/2	2,630.23
3/4		3/4		3/4		3/4	4,730.24	3/4	4,380.33	3/4	4,029.06	3/4	3,677.56	3/4	3,326.07	3/4	2,974.57	3/4	2,622.91
6		6		6		6	4,722.97	6	4,373.03	6	4,021.73	6	3,670.24	6	3,318.74	6	2,967.25	6	2,615.58
1/4		1/4		1/4		1/4	4,715.71	1/4	4,365.73	1/4	4,014.41	1/4	3,662.92	1/4	3,311.42	1/4	2,959.93	1/4	2,608.25
1/2		1/2		1/2		1/2	4,708.45	1/2	4,358.43	1/2	4,007.09	1/2	3,655.59	1/2	3,304.10	1/2	2,952.60	1/2	2,600.93
3/4		3/4		3/4		3/4	4,701.19	3/4	4,351.13	3/4	3,999.76	3/4	3,648.27	3/4	3,296.78	3/4	2,945.28	3/4	2,593.60
7		7		7		7	4,693.93	7	4,343.83	7	3,992.44	7	3,640.95	7	3,289.45	7	2,937.96	7	2,586.27
1/4		1/4		1/4		1/4	4,686.67	1/4	4,336.53	1/4	3,985.12	1/4	3,633.62	1/4	3,282.13	1/4	2,930.64	1/4	2,578.94
1/2		1/2		1/2		1/2	4,679.41	1/2	4,329.23	1/2	3,977.80	1/2	3,626.30	1/2	3,274.81	1/2	2,923.31	1/2	2,571.62
3/4		3/4		3/4		3/4	4,672.14	3/4	4,321.92	3/4	3,970.47	3/4	3,618.98	3/4	3,267.48	3/4	2,915.98	3/4	2,564.29
8		8		8	4,990.84	8	4,664.88	8	4,314.62	8	3,963.15	8	3,611.66	8	3,260.16	8	2,908.65	8	2,556.96
1/4		1/4		1/4	4,987.97	1/4	4,657.62	1/4	4,307.32	1/4	3,955.83	1/4	3,604.33	1/4	3,252.84	1/4	2,901.33	1/4	2,549.64
1/2		1/2		1/2	4,983.64	1/2	4,650.36	1/2	4,300.00	1/2	3,948.50	1/2	3,597.01	1/2	3,245.52	1/2	2,894.00	1/2	2,542.31
3/4		3/4		3/4	4,979.30	3/4	4,643.10	3/4	4,292.68	3/4	3,941.18	3/4	3,589.69	3/4	3,238.19	3/4	2,886.67	3/4	2,534.98
9		9		9	4,974.97	9	4,635.84	9	4,285.35	9	3,933.86	9	3,582.36	9	3,230.87	9	2,879.35	9	2,527.66
1/4		1/4		1/4	4,970.63	1/4	4,628.57	1/4	4,278.03	1/4	3,926.54	1/4	3,575.04	1/4	3,223.55	1/4	2,872.02	1/4	2,520.33
1/2		1/2		1/2	4,964.83	1/2	4,621.27	1/2	4,270.71	1/2	3,919.21	1/2	3,567.72	1/2	3,216.22	1/2	2,864.69	1/2	2,513.00
3/4		3/4		3/4	4,959.03	3/4	4,613.97	3/4	4,263.39	3/4	3,911.89	3/4	3,560.40	3/4	3,208.90	3/4	2,857.37	3/4	2,505.68
10		10		10	4,953.23	10	4,606.67	10	4,256.06	10	3,904.57	10	3,553.07	10	3,201.58	10	2,850.04	10	2,498.35
1/4		1/4		1/4	4,947.43	1/4	4,599.37	1/4	4,248.74	1/4	3,897.25	1/4	3,545.75	1/4	3,194.26	1/4	2,842.71	1/4	2,491.02
1/2		1/2		1/2	4,940.35	1/2	4,592.07	1/2	4,241.42	1/2	3,889.92	1/2	3,538.43	1/2	3,186.93	1/2	2,835.39	1/2	2,483.69
3/4		3/4		3/4	4,933.26	3/4	4,584.77	3/4	4,234.09	3/4	3,882.60	3/4	3,531.11	3/4	3,179.61	3/4	2,828.06	3/4	2,476.37
11		11		11	4,926.18	11	4,577.47	11	4,226.77	11	3,875.28	11	3,523.78	11	3,172.29	11	2,820.73	11	2,469.04
1/4		1/4		1/4	4,919.10	1/4	4,570.17	1/4	4,219.45	1/4	3,867.95	1/4	3,516.46	1/4	3,164.97	1/4	2,813.41	1/4	2,461.71
1/2		1/2		1/2	4,911.83	1/2	4,562.86	1/2	4,212.13	1/2	3,860.63	1/2	3,509.14	1/2	3,157.64	1/2	2,806.08	1/2	2,454.39
3/4		3/4		3/4	4,904.56	3/4	4,555.56	3/4	4,204.80	3/4	3,853.31	3/4	3,501.81	3/4	3,150.32	3/4	2,798.75	3/4	2,447.06

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 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3005"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,439.73	0	2,088.04	0	1,736.35	0	1,384.66	0	1,033.05	0	681.75	0	330.07	0		0		0	
1/4	2,432.41	1/4	2,080.72	1/4	1,729.02	1/4	1,377.33	1/4	1,025.74	1/4	674.42	1/4	322.74	1/4		1/4		1/4	
1/2	2,425.08	1/2	2,073.39	1/2	1,721.70	1/2	1,370.01	1/2	1,018.43	1/2	667.09	1/2	315.41	1/2		1/2		1/2	
3/4	2,417.75	3/4	2,066.06	3/4	1,714.37	3/4	1,362.68	3/4	1,011.11	3/4	659.77	3/4	308.08	3/4		3/4		3/4	
1	2,410.43	1	2,058.73	1	1,707.04	1	1,355.35	1	1,003.80	1	652.44	1	300.76	1		1		1	
1/4	2,403.10	1/4	2,051.41	1/4	1,699.72	1/4	1,348.03	1/4	996.49	1/4	645.11	1/4	293.43	1/4		1/4		1/4	
1/2	2,395.77	1/2	2,044.08	1/2	1,692.39	1/2	1,340.70	1/2	989.17	1/2	637.79	1/2	286.10	1/2		1/2		1/2	
3/4	2,388.44	3/4	2,036.75	3/4	1,685.06	3/4	1,333.37	3/4	981.86	3/4	630.46	3/4	278.78	3/4		3/4		3/4	
2	2,381.12	2	2,029.43	2	1,677.74	2	1,326.04	2	974.54	2	623.13	2	271.45	2		2		2	
1/4	2,373.79	1/4	2,022.10	1/4	1,670.41	1/4	1,318.72	1/4	967.23	1/4	615.81	1/4	264.12	1/4		1/4		1/4	
1/2	2,366.46	1/2	2,014.77	1/2	1,663.08	1/2	1,311.39	1/2	959.92	1/2	608.48	1/2	256.80	1/2		1/2		1/2	
3/4	2,359.14	3/4	2,007.45	3/4	1,655.75	3/4	1,304.06	3/4	952.60	3/4	601.15	3/4	249.47	3/4		3/4		3/4	
3	2,351.81	3	2,000.12	3	1,648.43	3	1,296.74	3	945.29	3	593.83	3	242.14	3		3		3	
1/4	2,344.48	1/4	1,992.79	1/4	1,641.10	1/4	1,289.41	1/4	937.97	1/4	586.50	1/4	234.82	1/4		1/4		1/4	
1/2	2,337.16	1/2	1,985.47	1/2	1,633.77	1/2	1,282.08	1/2	930.66	1/2	579.17	1/2	227.49	1/2		1/2		1/2	
3/4	2,329.83	3/4	1,978.14	3/4	1,626.45	3/4	1,274.76	3/4	923.35	3/4	571.85	3/4	220.16	3/4		3/4		3/4	
4	2,322.50	4	1,970.81	4	1,619.12	4	1,267.43	4	916.03	4	564.52	4	212.84	4		4		4	
1/4	2,315.18	1/4	1,963.48	1/4	1,611.79	1/4	1,260.10	1/4	908.72	1/4	557.19	1/4	205.51	1/4		1/4		1/4	
1/2	2,307.85	1/2	1,956.16	1/2	1,604.47	1/2	1,252.78	1/2	901.41	1/2	549.87	1/2	198.18	1/2		1/2		1/2	
3/4	2,300.52	3/4	1,948.83	3/4	1,597.14	3/4	1,245.45	3/4	894.09	3/4	542.54	3/4	190.86	3/4		3/4		3/4	
5	2,293.20	5	1,941.50	5	1,589.81	5	1,238.12	5	886.78	5	535.21	5	183.53	5		5		5	
1/4	2,285.87	1/4	1,934.18	1/4	1,582.49	1/4	1,230.79	1/4	879.46	1/4	527.89	1/4	176.20	1/4		1/4		1/4	
1/2	2,278.54	1/2	1,926.85	1/2	1,575.16	1/2	1,223.47	1/2	872.15	1/2	520.56	1/2	168.88	1/2		1/2		1/2	
3/4	2,271.21	3/4	1,919.52	3/4	1,567.83	3/4	1,216.14	3/4	864.84	3/4	513.23	3/4	161.55	3/4		3/4		3/4	
6	2,263.89	6	1,912.20	6	1,560.51	6	1,208.81	6	857.52	6	505.91	6	154.22	6		6		6	
1/4	2,256.56	1/4	1,904.87	1/4	1,553.18	1/4	1,201.49	1/4	850.21	1/4	498.58	1/4	146.90	1/4		1/4		1/4	
1/2	2,249.23	1/2	1,897.54	1/2	1,545.85	1/2	1,194.16	1/2	842.90	1/2	491.25	1/2	139.57	1/2		1/2		1/2	
3/4	2,241.91	3/4	1,890.22	3/4	1,538.52	3/4	1,186.83	3/4	835.58	3/4	483.93	3/4	132.24	3/4		3/4		3/4	
7	2,234.58	7	1,882.89	7	1,531.20	7	1,179.51	7	828.27	7	476.60	7	124.92	7		7		7	
1/4	2,227.25	1/4	1,875.56	1/4	1,523.87	1/4	1,172.18	1/4	820.95	1/4	469.27	1/4	117.59	1/4		1/4		1/4	
1/2	2,219.93	1/2	1,868.24	1/2	1,516.54	1/2	1,164.85	1/2	813.63	1/2	461.95	1/2	110.26	1/2		1/2		1/2	
3/4	2,212.60	3/4	1,860.91	3/4	1,509.22	3/4	1,157.53	3/4	806.30	3/4	454.62	3/4	102.94	3/4		3/4		3/4	
8	2,205.27	8	1,853.58	8	1,501.89	8	1,150.20	8	798.97	8	447.29	8	95.61	8		8		8	
1/4	2,197.95	1/4	1,846.25	1/4	1,494.56	1/4	1,142.87	1/4	791.65	1/4	439.97	1/4	88.28	1/4		1/4		1/4	
1/2	2,190.62	1/2	1,838.93	1/2	1,487.24	1/2	1,135.55	1/2	784.32	1/2	432.64	1/2	80.96	1/2		1/2		1/2	
3/4	2,183.29	3/4	1,831.60	3/4	1,479.91	3/4	1,128.22	3/4	776.99	3/4	425.31	3/4	73.63	3/4		3/4		3/4	
9	2,175.96	9	1,824.27	9	1,472.58	9	1,120.89	9	769.67	9	417.99	9	66.30	9		9		9	
1/4	2,168.64	1/4	1,816.95	1/4	1,465.26	1/4	1,113.56	1/4	762.34	1/4	410.66	1/4	58.98	1/4		1/4		1/4	
1/2	2,161.31	1/2	1,809.62	1/2	1,457.93	1/2	1,106.24	1/2	755.01	1/2	403.33	1/2	52.57	1/2		1/2		1/2	
3/4	2,153.98	3/4	1,802.29	3/4	1,450.60	3/4	1,098.92	3/4	747.69	3/4	396.01	3/4	46.16	3/4		3/4		3/4	
10	2,146.66	10	1,794.97	10	1,443.27	10	1,091.60	10	740.36	10	388.68	10	39.74	10		10		10	
1/4	2,139.33	1/4	1,787.64	1/4	1,435.95	1/4	1,084.28	1/4	733.03	1/4	381.35	1/4	33.33	1/4		1/4		1/4	
1/2	2,132.00	1/2	1,780.31	1/2	1,428.62	1/2	1,076.96	1/2	725.71	1/2	374.03	1/2	28.76	1/2		1/2		1/2	
3/4	2,124.68	3/4	1,772.99	3/4	1,421.29	3/4	1,069.64	3/4	718.38	3/4	366.70	3/4		3/4		3/4		3/4	
11	2,117.35	11	1,765.66	11	1,413.97	11	1,062.32	11	711.05	11	359.37	11		11		11		11	
1/4	2,110.02	1/4	1,758.33	1/4	1,406.64	1/4	1,055.00	1/4	703.73	1/4	352.05	1/4		1/4		1/4		1/4	
1/2	2,102.70	1/2	1,751.00	1/2	1,399.31	1/2	1,047.68	1/2	696.40	1/2	344.72	1/2		1/2		1/2		1/2	
3/4	2,095.37	3/4	1,743.68	3/4	1,391.99	3/4	1,040.37	3/4	689.07	3/4	337.39	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 PMA
RECALCULATED: 02/05/2020 SW
VERIFIED: 02/04/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HTCO 3005"

3 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,521.42	0	4,274.71	0	4,026.80	0	3,778.40	0	3,530.06	0	3,200.14	0	2,841.70
1/4		1/4		1/4		1/4	4,516.28	1/4	4,269.55	1/4	4,021.63	1/4	3,773.23	1/4	3,524.92	1/4	3,192.67	1/4	2,834.23
1/2		1/2		1/2		1/2	4,511.14	1/2	4,264.39	1/2	4,016.45	1/2	3,768.05	1/2	3,519.77	1/2	3,185.20	1/2	2,826.76
3/4		3/4		3/4		3/4	4,506.01	3/4	4,259.23	3/4	4,011.28	3/4	3,762.88	3/4	3,514.63	3/4	3,177.74	3/4	2,819.29
1		1		1		1	4,500.87	1	4,254.07	1	4,006.10	1	3,757.70	1	3,509.48	1	3,170.27	1	2,811.82
1/4		1/4		1/4		1/4	4,495.74	1/4	4,248.91	1/4	4,000.93	1/4	3,752.53	1/4	3,504.34	1/4	3,162.80	1/4	2,804.35
1/2		1/2		1/2		1/2	4,490.60	1/2	4,243.75	1/2	3,995.75	1/2	3,747.35	1/2	3,499.19	1/2	3,155.34	1/2	2,796.88
3/4		3/4		3/4		3/4	4,485.47	3/4	4,238.59	3/4	3,990.58	3/4	3,742.18	3/4	3,494.06	3/4	3,147.87	3/4	2,789.41
2		2		2		2	4,480.33	2	4,233.43	2	3,985.40	2	3,737.00	2	3,488.92	2	3,140.40	2	2,781.94
1/4		1/4		1/4		1/4	4,475.19	1/4	4,228.27	1/4	3,980.23	1/4	3,731.83	1/4	3,483.79	1/4	3,132.94	1/4	2,774.48
1/2		1/2		1/2		1/2	4,470.06	1/2	4,223.11	1/2	3,975.05	1/2	3,726.65	1/2	3,478.66	1/2	3,125.47	1/2	2,767.01
3/4		3/4		3/4		3/4	4,464.92	3/4	4,217.95	3/4	3,969.88	3/4	3,721.48	3/4	3,472.37	3/4	3,118.01	3/4	2,759.54
3		3		3		3	4,459.79	3	4,212.78	3	3,964.70	3	3,716.30	3	3,466.08	3	3,110.54	3	2,752.07
1/4		1/4		1/4		1/4	4,454.65	1/4	4,207.62	1/4	3,959.53	1/4	3,711.13	1/4	3,459.79	1/4	3,103.07	1/4	2,744.60
1/2		1/2		1/2		1/2	4,449.51	1/2	4,202.46	1/2	3,954.35	1/2	3,705.95	1/2	3,453.50	1/2	3,095.61	1/2	2,737.13
3/4		3/4		3/4		3/4	4,444.38	3/4	4,197.30	3/4	3,949.18	3/4	3,700.78	3/4	3,446.05	3/4	3,088.14	3/4	2,729.66
4		4		4		4	4,439.25	4	4,192.14	4	3,944.00	4	3,695.60	4	3,438.61	4	3,080.67	4	2,722.19
1/4		1/4		1/4		1/4	4,434.11	1/4	4,186.98	1/4	3,938.83	1/4	3,690.43	1/4	3,431.16	1/4	3,073.21	1/4	2,714.72
1/2		1/2		1/2		1/2	4,428.98	1/2	4,181.82	1/2	3,933.65	1/2	3,685.25	1/2	3,423.72	1/2	3,065.74	1/2	2,707.25
3/4		3/4		3/4		3/4	4,423.85	3/4	4,176.66	3/4	3,928.48	3/4	3,680.08	3/4	3,416.27	3/4	3,058.27	3/4	2,699.78
5		5		5		5	4,418.72	5	4,171.50	5	3,923.30	5	3,674.90	5	3,408.83	5	3,050.81	5	2,692.32
1/4		1/4		1/4		1/4	4,413.58	1/4	4,166.34	1/4	3,918.13	1/4	3,669.73	1/4	3,401.38	1/4	3,043.34	1/4	2,684.85
1/2		1/2		1/2		1/2	4,408.45	1/2	4,161.18	1/2	3,912.95	1/2	3,664.55	1/2	3,393.93	1/2	3,035.87	1/2	2,677.38
3/4		3/4		3/4		3/4	4,403.32	3/4	4,156.02	3/4	3,907.78	3/4	3,659.38	3/4	3,386.49	3/4	3,028.41	3/4	2,669.91
6		6		6		6	4,398.18	6	4,150.86	6	3,902.60	6	3,654.20	6	3,379.04	6	3,020.94	6	2,662.44
1/4		1/4		1/4		1/4	4,393.05	1/4	4,145.70	1/4	3,897.43	1/4	3,649.03	1/4	3,371.60	1/4	3,013.47	1/4	2,654.97
1/2		1/2		1/2		1/2	4,387.92	1/2	4,140.54	1/2	3,892.25	1/2	3,643.85	1/2	3,364.15	1/2	3,006.01	1/2	2,647.50
3/4		3/4		3/4		3/4	4,382.78	3/4	4,135.38	3/4	3,887.08	3/4	3,638.68	3/4	3,356.71	3/4	2,998.54	3/4	2,640.03
7		7		7		7	4,377.65	7	4,130.22	7	3,881.90	7	3,633.50	7	3,349.26	7	2,991.07	7	2,632.56
1/4		1/4		1/4		1/4	4,372.52	1/4	4,125.06	1/4	3,876.73	1/4	3,628.33	1/4	3,341.81	1/4	2,983.61	1/4	2,625.09
1/2		1/2		1/2		1/2	4,367.38	1/2	4,119.90	1/2	3,871.55	1/2	3,623.15	1/2	3,334.37	1/2	2,976.14	1/2	2,617.62
3/4		3/4		3/4		3/4	4,362.25	3/4	4,114.74	3/4	3,866.38	3/4	3,617.98	3/4	3,326.92	3/4	2,968.67	3/4	2,610.15
8		8		8		8	4,357.12	8	4,109.57	8	3,861.20	8	3,612.80	8	3,319.48	8	2,961.20	8	2,602.67
1/4		1/4		1/4	4,582.17	1/4	4,351.98	1/4	4,104.41	1/4	3,856.03	1/4	3,607.63	1/4	3,312.03	1/4	2,953.73	1/4	2,595.20
1/2		1/2		1/2	4,579.22	1/2	4,346.85	1/2	4,099.25	1/2	3,850.85	1/2	3,602.45	1/2	3,304.58	1/2	2,946.27	1/2	2,587.72
3/4		3/4		3/4	4,575.92	3/4	4,341.72	3/4	4,094.08	3/4	3,845.68	3/4	3,597.28	3/4	3,297.14	3/4	2,938.80	3/4	2,580.24
9		9		9	4,572.63	9	4,336.58	9	4,088.90	9	3,840.50	9	3,592.10	9	3,289.69	9	2,931.33	9	2,572.77
1/4		1/4		1/4	4,569.33	1/4	4,331.45	1/4	4,083.73	1/4	3,835.33	1/4	3,586.93	1/4	3,282.25	1/4	2,923.86	1/4	2,565.29
1/2		1/2		1/2	4,566.04	1/2	4,326.32	1/2	4,078.55	1/2	3,830.15	1/2	3,581.75	1/2	3,274.80	1/2	2,916.39	1/2	2,557.81
3/4		3/4		3/4	4,562.40	3/4	4,321.16	3/4	4,073.38	3/4	3,824.98	3/4	3,576.58	3/4	3,267.34	3/4	2,908.92	3/4	2,550.34
10		10		10	4,558.76	10	4,315.99	10	4,068.20	10	3,819.80	10	3,571.40	10	3,259.87	10	2,901.45	10	2,542.86
1/4		1/4		1/4	4,555.13	1/4	4,310.83	1/4	4,063.03	1/4	3,814.63	1/4	3,566.23	1/4	3,252.40	1/4	2,893.98	1/4	2,535.38
1/2		1/2		1/2	4,551.49	1/2	4,305.67	1/2	4,057.85	1/2	3,809.45	1/2	3,561.05	1/2	3,244.94	1/2	2,886.51	1/2	2,527.91
3/4		3/4		3/4	4,546.54	3/4	4,300.51	3/4	4,052.68	3/4	3,804.28	3/4	3,555.88	3/4	3,237.47	3/4	2,879.04	3/4	2,520.43
11		11		11	4,541.59	11	4,295.35	11	4,047.50	11	3,799.10	11	3,550.70	11	3,230.00	11	2,871.57	11	2,512.96
1/4		1/4		1/4	4,536.64	1/4	4,290.19	1/4	4,042.33	1/4	3,793.93	1/4	3,545.53	1/4	3,222.54	1/4	2,864.11	1/4	2,505.48
1/2		1/2		1/2	4,531.69	1/2	4,285.03	1/2	4,037.15	1/2	3,788.75	1/2	3,540.35	1/2	3,215.07	1/2	2,856.64	1/2	2,498.00
3/4		3/4		3/4	4,526.55	3/4	4,279.87	3/4	4,031.98	3/4	3,783.58	3/4	3,535.21	3/4	3,207.60	3/4	2,849.17	3/4	2,490.56

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 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3005"

3 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,483.13	0	2,126.54	0	1,769.56	0	1,410.68	0	1,055.73	0	703.68	0	344.63	0		0		0	
1/4	2,475.69	1/4	2,119.13	1/4	1,762.08	1/4	1,403.21	1/4	1,048.49	1/4	696.20	1/4	337.15	1/4		1/4		1/4	
1/2	2,468.25	1/2	2,111.71	1/2	1,754.60	1/2	1,395.73	1/2	1,041.24	1/2	688.72	1/2	329.67	1/2		1/2		1/2	
3/4	2,460.81	3/4	2,104.30	3/4	1,747.13	3/4	1,388.26	3/4	1,033.99	3/4	681.24	3/4	322.19	3/4		3/4		3/4	
1	2,453.37	1	2,096.89	1	1,739.65	1	1,380.78	1	1,026.75	1	673.76	1	314.72	1		1		1	
1/4	2,445.94	1/4	2,089.47	1/4	1,732.17	1/4	1,373.30	1/4	1,019.50	1/4	666.28	1/4	307.24	1/4		1/4		1/4	
1/2	2,438.50	1/2	2,082.06	1/2	1,724.70	1/2	1,365.83	1/2	1,012.25	1/2	658.80	1/2	299.76	1/2		1/2		1/2	
3/4	2,431.06	3/4	2,074.65	3/4	1,717.22	3/4	1,358.35	3/4	1,005.01	3/4	651.32	3/4	292.28	3/4		3/4		3/4	
2	2,423.62	2	2,067.23	2	1,709.74	2	1,350.87	2	997.76	2	643.84	2	284.80	2		2		2	
1/4	2,416.18	1/4	2,059.82	1/4	1,702.27	1/4	1,343.40	1/4	990.51	1/4	636.35	1/4	277.32	1/4		1/4		1/4	
1/2	2,408.75	1/2	2,052.41	1/2	1,694.79	1/2	1,335.92	1/2	983.27	1/2	628.87	1/2	269.84	1/2		1/2		1/2	
3/4	2,401.31	3/4	2,044.99	3/4	1,687.32	3/4	1,328.44	3/4	976.02	3/4	621.39	3/4	262.36	3/4		3/4		3/4	
3	2,393.87	3	2,037.58	3	1,679.84	3	1,320.97	3	968.77	3	613.91	3	254.88	3		3		3	
1/4	2,386.43	1/4	2,030.16	1/4	1,672.36	1/4	1,313.49	1/4	961.53	1/4	606.43	1/4	247.40	1/4		1/4		1/4	
1/2	2,378.99	1/2	2,022.75	1/2	1,664.89	1/2	1,306.01	1/2	954.28	1/2	598.95	1/2	239.92	1/2		1/2		1/2	
3/4	2,371.56	3/4	2,015.34	3/4	1,657.41	3/4	1,298.54	3/4	947.03	3/4	591.47	3/4	232.44	3/4		3/4		3/4	
4	2,364.12	4	2,007.92	4	1,649.93	4	1,291.06	4	939.79	4	583.99	4	224.96	4		4		4	
1/4	2,356.68	1/4	2,000.51	1/4	1,642.46	1/4	1,283.58	1/4	932.54	1/4	576.51	1/4	217.48	1/4		1/4		1/4	
1/2	2,349.24	1/2	1,993.10	1/2	1,634.98	1/2	1,276.11	1/2	925.29	1/2	569.03	1/2	210.00	1/2		1/2		1/2	
3/4	2,341.80	3/4	1,985.68	3/4	1,627.50	3/4	1,268.63	3/4	918.05	3/4	561.55	3/4	202.52	3/4		3/4		3/4	
5	2,334.37	5	1,978.27	5	1,620.03	5	1,261.15	5	910.80	5	554.07	5	195.04	5		5		5	
1/4	2,326.93	1/4	1,970.86	1/4	1,612.55	1/4	1,253.68	1/4	903.55	1/4	546.59	1/4	187.56	1/4		1/4		1/4	
1/2	2,319.49	1/2	1,963.44	1/2	1,605.07	1/2	1,246.20	1/2	896.31	1/2	539.11	1/2	180.08	1/2		1/2		1/2	
3/4	2,312.05	3/4	1,956.03	3/4	1,597.60	3/4	1,238.73	3/4	889.06	3/4	531.62	3/4	172.60	3/4		3/4		3/4	
6	2,304.61	6	1,948.62	6	1,590.12	6	1,231.25	6	881.81	6	524.14	6	165.11	6		6		6	
1/4	2,297.18	1/4	1,941.20	1/4	1,582.64	1/4	1,223.77	1/4	874.57	1/4	516.66	1/4	157.63	1/4		1/4		1/4	
1/2	2,289.74	1/2	1,933.79	1/2	1,575.17	1/2	1,216.30	1/2	867.32	1/2	509.18	1/2	150.15	1/2		1/2		1/2	
3/4	2,282.30	3/4	1,926.37	3/4	1,567.69	3/4	1,208.82	3/4	860.07	3/4	501.70	3/4	142.67	3/4		3/4		3/4	
7	2,274.86	7	1,918.96	7	1,560.21	7	1,201.34	7	852.83	7	494.22	7	135.19	7		7		7	
1/4	2,267.42	1/4	1,911.55	1/4	1,552.74	1/4	1,193.87	1/4	845.58	1/4	486.74	1/4	127.70	1/4		1/4		1/4	
1/2	2,259.99	1/2	1,904.13	1/2	1,545.26	1/2	1,186.39	1/2	838.33	1/2	479.26	1/2	120.22	1/2		1/2		1/2	
3/4	2,252.57	3/4	1,896.66	3/4	1,537.79	3/4	1,179.12	3/4	830.85	3/4	471.78	3/4	112.73	3/4		3/4		3/4	
8	2,245.16	8	1,889.18	8	1,530.31	8	1,171.86	8	823.37	8	464.30	8	105.25	8		8		8	
1/4	2,237.75	1/4	1,881.70	1/4	1,522.83	1/4	1,164.59	1/4	815.89	1/4	456.82	1/4	97.76	1/4		1/4		1/4	
1/2	2,230.33	1/2	1,874.23	1/2	1,515.36	1/2	1,157.32	1/2	808.41	1/2	449.34	1/2	90.27	1/2		1/2		1/2	
3/4	2,222.92	3/4	1,866.75	3/4	1,507.88	3/4	1,150.06	3/4	800.93	3/4	441.86	3/4	82.78	3/4		3/4		3/4	
9	2,215.50	9	1,859.27	9	1,500.40	9	1,142.79	9	793.45	9	434.38	9	75.29	9		9		9	
1/4	2,208.09	1/4	1,851.80	1/4	1,492.93	1/4	1,135.53	1/4	785.97	1/4	426.90	1/4	67.79	1/4		1/4		1/4	
1/2	2,200.68	1/2	1,844.32	1/2	1,485.45	1/2	1,128.26	1/2	778.49	1/2	419.43	1/2	60.30	1/2		1/2		1/2	
3/4	2,193.26	3/4	1,836.85	3/4	1,477.97	3/4	1,121.01	3/4	771.01	3/4	411.95	3/4	53.75	3/4		3/4		3/4	
10	2,185.85	10	1,829.37	10	1,470.50	10	1,113.75	10	763.53	10	404.47	10	47.19	10		10		10	
1/4	2,178.44	1/4	1,821.89	1/4	1,463.02	1/4	1,106.50	1/4	756.05	1/4	396.99	1/4	40.63	1/4		1/4		1/4	
1/2	2,171.02	1/2	1,814.42	1/2	1,455.54	1/2	1,099.24	1/2	748.57	1/2	389.51	1/2	34.08	1/2		1/2		1/2	
3/4	2,163.61	3/4	1,806.94	3/4	1,448.07	3/4	1,091.99	3/4	741.08	3/4	382.03	3/4	29.40	3/4		3/4		3/4	
11	2,156.20	11	1,799.46	11	1,440.59	11	1,084.74	11	733.60	11	374.55	11		11		11		11	
1/4	2,148.78	1/4	1,791.99	1/4	1,433.11	1/4	1,077.48	1/4	726.12	1/4	367.07	1/4		1/4		1/4		1/4	
1/2	2,141.37	1/2	1,784.51	1/2	1,425.64	1/2	1,070.23	1/2	718.64	1/2	359.59	1/2		1/2		1/2		1/2	
3/4	2,133.96	3/4	1,777.03	3/4	1,418.16	3/4	1,062.98	3/4	711.16	3/4	352.11	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 PMA
RECALCULATED: 02/05/2020 SW
VERIFIED: 02/04/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2025

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

BARGE "HTCO 3005"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,534.58	0	4,287.69	0	4,039.61	0	3,791.06	0	3,542.62	0	3,207.18	0	2,847.83
1/4		1/4		1/4		1/4	4,529.45	1/4	4,282.52	1/4	4,034.43	1/4	3,785.89	1/4	3,537.47	1/4	3,199.70	1/4	2,840.34
1/2		1/2		1/2		1/2	4,524.31	1/2	4,277.36	1/2	4,029.25	1/2	3,780.71	1/2	3,532.31	1/2	3,192.21	1/2	2,832.85
3/4		3/4		3/4		3/4	4,519.17	3/4	4,272.20	3/4	4,024.07	3/4	3,775.53	3/4	3,527.16	3/4	3,184.73	3/4	2,825.37
1		1		1		1	4,514.03	1	4,267.03	1	4,018.90	1	3,770.35	1	3,522.01	1	3,177.24	1	2,817.88
1/4		1/4		1/4		1/4	4,508.89	1/4	4,261.87	1/4	4,013.72	1/4	3,765.17	1/4	3,516.86	1/4	3,169.76	1/4	2,810.39
1/2		1/2		1/2		1/2	4,503.75	1/2	4,256.71	1/2	4,008.54	1/2	3,760.00	1/2	3,511.70	1/2	3,162.27	1/2	2,802.90
3/4		3/4		3/4		3/4	4,498.61	3/4	4,251.54	3/4	4,003.36	3/4	3,754.82	3/4	3,506.55	3/4	3,154.79	3/4	2,795.41
2		2		2		2	4,493.47	2	4,246.38	2	3,998.18	2	3,749.64	2	3,501.40	2	3,147.30	2	2,787.93
1/4		1/4		1/4		1/4	4,488.33	1/4	4,241.22	1/4	3,993.01	1/4	3,744.46	1/4	3,495.09	1/4	3,139.82	1/4	2,780.44
1/2		1/2		1/2		1/2	4,483.20	1/2	4,236.05	1/2	3,987.83	1/2	3,739.28	1/2	3,488.78	1/2	3,132.33	1/2	2,772.95
3/4		3/4		3/4		3/4	4,478.06	3/4	4,230.89	3/4	3,982.65	3/4	3,734.11	3/4	3,482.47	3/4	3,124.84	3/4	2,765.46
3		3		3		3	4,472.92	3	4,225.73	3	3,977.47	3	3,728.93	3	3,476.16	3	3,117.36	3	2,757.97
1/4		1/4		1/4		1/4	4,467.78	1/4	4,220.56	1/4	3,972.29	1/4	3,723.75	1/4	3,468.70	1/4	3,109.87	1/4	2,750.49
1/2		1/2		1/2		1/2	4,462.65	1/2	4,215.40	1/2	3,967.12	1/2	3,718.57	1/2	3,461.23	1/2	3,102.39	1/2	2,743.00
3/4		3/4		3/4		3/4	4,457.51	3/4	4,210.23	3/4	3,961.94	3/4	3,713.39	3/4	3,453.77	3/4	3,094.90	3/4	2,735.51
4		4		4		4	4,452.37	4	4,205.07	4	3,956.76	4	3,708.22	4	3,446.30	4	3,087.42	4	2,728.02
1/4		1/4		1/4		1/4	4,447.24	1/4	4,199.91	1/4	3,951.58	1/4	3,703.04	1/4	3,438.84	1/4	3,079.93	1/4	2,720.53
1/2		1/2		1/2		1/2	4,442.10	1/2	4,194.74	1/2	3,946.40	1/2	3,697.86	1/2	3,431.38	1/2	3,072.45	1/2	2,713.05
3/4		3/4		3/4		3/4	4,436.96	3/4	4,189.58	3/4	3,941.23	3/4	3,692.68	3/4	3,423.91	3/4	3,064.96	3/4	2,705.56
5		5		5		5	4,431.83	5	4,184.42	5	3,936.05	5	3,687.50	5	3,416.45	5	3,057.47	5	2,698.07
1/4		1/4		1/4		1/4	4,426.69	1/4	4,179.25	1/4	3,930.87	1/4	3,682.33	1/4	3,408.98	1/4	3,049.99	1/4	2,690.58
1/2		1/2		1/2		1/2	4,421.56	1/2	4,174.09	1/2	3,925.69	1/2	3,677.15	1/2	3,401.52	1/2	3,042.50	1/2	2,683.09
3/4		3/4		3/4		3/4	4,416.42	3/4	4,168.93	3/4	3,920.51	3/4	3,671.97	3/4	3,394.05	3/4	3,035.02	3/4	2,675.61
6		6		6		6	4,411.28	6	4,163.76	6	3,915.34	6	3,666.79	6	3,386.59	6	3,027.53	6	2,668.12
1/4		1/4		1/4		1/4	4,406.15	1/4	4,158.60	1/4	3,910.16	1/4	3,661.61	1/4	3,379.12	1/4	3,020.05	1/4	2,660.63
1/2		1/2		1/2		1/2	4,401.01	1/2	4,153.44	1/2	3,904.98	1/2	3,656.44	1/2	3,371.66	1/2	3,012.56	1/2	2,653.14
3/4		3/4		3/4		3/4	4,395.88	3/4	4,148.27	3/4	3,899.80	3/4	3,651.26	3/4	3,364.19	3/4	3,005.08	3/4	2,645.65
7		7		7		7	4,390.74	7	4,143.11	7	3,894.62	7	3,646.08	7	3,356.73	7	2,997.59	7	2,638.17
1/4		1/4		1/4		1/4	4,385.60	1/4	4,137.95	1/4	3,889.45	1/4	3,640.90	1/4	3,349.26	1/4	2,990.10	1/4	2,630.67
1/2		1/2		1/2		1/2	4,380.47	1/2	4,132.78	1/2	3,884.27	1/2	3,635.72	1/2	3,341.80	1/2	2,982.61	1/2	2,623.18
3/4		3/4		3/4	4,605.65	3/4	4,375.33	3/4	4,127.62	3/4	3,879.09	3/4	3,630.55	3/4	3,334.33	3/4	2,975.13	3/4	2,615.68
8		8		8	4,602.70	8	4,370.19	8	4,122.46	8	3,873.91	8	3,625.37	8	3,326.87	8	2,967.64	8	2,608.19
1/4		1/4		1/4	4,599.40	1/4	4,365.06	1/4	4,117.28	1/4	3,868.73	1/4	3,620.19	1/4	3,319.40	1/4	2,960.15	1/4	2,600.69
1/2		1/2		1/2	4,596.10	1/2	4,359.92	1/2	4,112.10	1/2	3,863.56	1/2	3,615.01	1/2	3,311.94	1/2	2,952.66	1/2	2,593.19
3/4		3/4		3/4	4,592.81	3/4	4,354.79	3/4	4,106.92	3/4	3,858.38	3/4	3,609.83	3/4	3,304.48	3/4	2,945.17	3/4	2,585.70
9		9		9	4,589.51	9	4,349.65	9	4,101.74	9	3,853.20	9	3,604.66	9	3,297.01	9	2,937.69	9	2,578.20
1/4		1/4		1/4	4,585.87	1/4	4,344.49	1/4	4,096.57	1/4	3,848.02	1/4	3,599.48	1/4	3,289.53	1/4	2,930.20	1/4	2,570.71
1/2		1/2		1/2	4,582.23	1/2	4,339.32	1/2	4,091.39	1/2	3,842.84	1/2	3,594.30	1/2	3,282.04	1/2	2,922.71	1/2	2,563.21
3/4		3/4		3/4	4,578.59	3/4	4,334.16	3/4	4,086.21	3/4	3,837.67	3/4	3,589.12	3/4	3,274.55	3/4	2,915.22	3/4	2,555.72
10		10		10	4,574.95	10	4,329.00	10	4,081.03	10	3,832.49	10	3,583.94	10	3,267.07	10	2,907.73	10	2,548.22
1/4		1/4		1/4	4,570.00	1/4	4,323.83	1/4	4,075.85	1/4	3,827.31	1/4	3,578.77	1/4	3,259.58	1/4	2,900.25	1/4	2,540.73
1/2		1/2		1/2	4,565.05	1/2	4,318.67	1/2	4,070.68	1/2	3,822.13	1/2	3,573.59	1/2	3,252.10	1/2	2,892.76	1/2	2,533.23
3/4		3/4		3/4	4,560.09	3/4	4,313.50	3/4	4,065.50	3/4	3,816.95	3/4	3,568.41	3/4	3,244.61	3/4	2,885.27	3/4	2,525.74
11		11		11	4,555.14	11	4,308.34	11	4,060.32	11	3,811.78	11	3,563.23	11	3,237.13	11	2,877.78	11	2,518.24
1/4		1/4		1/4	4,550.00	1/4	4,303.18	1/4	4,055.14	1/4	3,806.60	1/4	3,558.08	1/4	3,229.64	1/4	2,870.29	1/4	2,510.74
1/2		1/2		1/2	4,544.86	1/2	4,298.01	1/2	4,049.96	1/2	3,801.42	1/2	3,552.93	1/2	3,222.16	1/2	2,862.81	1/2	2,503.25
3/4		3/4		3/4	4,539.72	3/4	4,292.85	3/4	4,044.79	3/4	3,796.24	3/4	3,547.77	3/4	3,214.67	3/4	2,855.32	3/4	2,495.75

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 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3005"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,488.26	0	2,128.48	0	1,768.70	0	1,408.92	0	1,049.27	0	689.93	0	330.16	0		0		0	
1/4	2,480.76	1/4	2,120.98	1/4	1,761.20	1/4	1,401.43	1/4	1,041.79	1/4	682.43	1/4	322.66	1/4		1/4		1/4	
1/2	2,473.27	1/2	2,113.49	1/2	1,753.71	1/2	1,393.93	1/2	1,034.31	1/2	674.93	1/2	315.17	1/2		1/2		1/2	
3/4	2,465.77	3/4	2,105.99	3/4	1,746.21	3/4	1,386.43	3/4	1,026.83	3/4	667.44	3/4	307.67	3/4		3/4		3/4	
1	2,458.28	1	2,098.50	1	1,738.72	1	1,378.94	1	1,019.35	1	659.94	1	300.17	1		1		1	
1/4	2,450.78	1/4	2,091.00	1/4	1,731.22	1/4	1,371.44	1/4	1,011.87	1/4	652.45	1/4	292.68	1/4		1/4		1/4	
1/2	2,443.29	1/2	2,083.51	1/2	1,723.73	1/2	1,363.95	1/2	1,004.39	1/2	644.95	1/2	285.18	1/2		1/2		1/2	
3/4	2,435.79	3/4	2,076.01	3/4	1,716.23	3/4	1,356.45	3/4	996.91	3/4	637.46	3/4	277.69	3/4		3/4		3/4	
2	2,428.30	2	2,068.52	2	1,708.74	2	1,348.96	2	989.43	2	629.96	2	270.19	2		2		2	
1/4	2,420.80	1/4	2,061.02	1/4	1,701.24	1/4	1,341.46	1/4	981.95	1/4	622.47	1/4	262.70	1/4		1/4		1/4	
1/2	2,413.30	1/2	2,053.53	1/2	1,693.75	1/2	1,333.97	1/2	974.47	1/2	614.97	1/2	255.20	1/2		1/2		1/2	
3/4	2,405.81	3/4	2,046.03	3/4	1,686.25	3/4	1,326.47	3/4	966.99	3/4	607.48	3/4	247.71	3/4		3/4		3/4	
3	2,398.31	3	2,038.53	3	1,678.76	3	1,318.98	3	959.51	3	599.98	3	240.21	3		3		3	
1/4	2,390.82	1/4	2,031.04	1/4	1,671.26	1/4	1,311.48	1/4	952.03	1/4	592.49	1/4	232.72	1/4		1/4		1/4	
1/2	2,383.32	1/2	2,023.54	1/2	1,663.76	1/2	1,303.99	1/2	944.55	1/2	584.99	1/2	225.22	1/2		1/2		1/2	
3/4	2,375.83	3/4	2,016.05	3/4	1,656.27	3/4	1,296.49	3/4	937.07	3/4	577.50	3/4	217.73	3/4		3/4		3/4	
4	2,368.33	4	2,008.55	4	1,648.77	4	1,288.99	4	929.59	4	570.00	4	210.23	4		4		4	
1/4	2,360.84	1/4	2,001.06	1/4	1,641.28	1/4	1,281.50	1/4	922.11	1/4	562.51	1/4	202.74	1/4		1/4		1/4	
1/2	2,353.34	1/2	1,993.56	1/2	1,633.78	1/2	1,274.00	1/2	914.63	1/2	555.01	1/2	195.24	1/2		1/2		1/2	
3/4	2,345.85	3/4	1,986.07	3/4	1,626.29	3/4	1,266.51	3/4	907.15	3/4	547.52	3/4	187.75	3/4		3/4		3/4	
5	2,338.35	5	1,978.57	5	1,618.79	5	1,259.01	5	899.67	5	540.02	5	180.25	5		5		5	
1/4	2,330.86	1/4	1,971.08	1/4	1,611.30	1/4	1,251.52	1/4	892.19	1/4	532.53	1/4	172.76	1/4		1/4		1/4	
1/2	2,323.36	1/2	1,963.58	1/2	1,603.80	1/2	1,244.02	1/2	884.71	1/2	525.03	1/2	165.26	1/2		1/2		1/2	
3/4	2,315.86	3/4	1,956.09	3/4	1,596.31	3/4	1,236.53	3/4	877.23	3/4	517.54	3/4	157.77	3/4		3/4		3/4	
6	2,308.37	6	1,948.59	6	1,588.81	6	1,229.03	6	869.75	6	510.04	6	150.27	6		6		6	
1/4	2,300.87	1/4	1,941.09	1/4	1,581.32	1/4	1,221.54	1/4	862.27	1/4	502.55	1/4	142.78	1/4		1/4		1/4	
1/2	2,293.38	1/2	1,933.60	1/2	1,573.82	1/2	1,214.04	1/2	854.79	1/2	495.05	1/2	135.28	1/2		1/2		1/2	
3/4	2,285.88	3/4	1,926.10	3/4	1,566.32	3/4	1,206.55	3/4	847.31	3/4	487.55	3/4	127.79	3/4		3/4		3/4	
7	2,278.39	7	1,918.61	7	1,558.83	7	1,199.05	7	839.83	7	480.06	7	120.29	7		7		7	
1/4	2,270.89	1/4	1,911.11	1/4	1,551.33	1/4	1,191.55	1/4	832.33	1/4	472.56	1/4	112.79	1/4		1/4		1/4	
1/2	2,263.40	1/2	1,903.62	1/2	1,543.84	1/2	1,184.06	1/2	824.84	1/2	465.07	1/2	105.30	1/2		1/2		1/2	
3/4	2,255.90	3/4	1,896.12	3/4	1,536.34	3/4	1,176.56	3/4	817.34	3/4	457.57	3/4	97.80	3/4		3/4		3/4	
8	2,248.41	8	1,888.63	8	1,528.85	8	1,169.07	8	809.85	8	450.08	8	90.31	8		8		8	
1/4	2,240.91	1/4	1,881.13	1/4	1,521.35	1/4	1,161.57	1/4	802.35	1/4	442.58	1/4	82.81	1/4		1/4		1/4	
1/2	2,233.42	1/2	1,873.64	1/2	1,513.86	1/2	1,154.08	1/2	794.86	1/2	435.09	1/2	75.32	1/2		1/2		1/2	
3/4	2,225.92	3/4	1,866.14	3/4	1,506.36	3/4	1,146.58	3/4	787.36	3/4	427.59	3/4	67.82	3/4		3/4		3/4	
9	2,218.42	9	1,858.65	9	1,498.87	9	1,139.09	9	779.87	9	420.10	9	60.33	9		9		9	
1/4	2,210.93	1/4	1,851.15	1/4	1,491.37	1/4	1,131.60	1/4	772.37	1/4	412.60	1/4	53.77	1/4		1/4		1/4	
1/2	2,203.43	1/2	1,843.65	1/2	1,483.88	1/2	1,124.11	1/2	764.88	1/2	405.11	1/2	47.21	1/2		1/2		1/2	
3/4	2,195.94	3/4	1,836.16	3/4	1,476.38	3/4	1,116.62	3/4	757.38	3/4	397.61	3/4	40.65	3/4		3/4		3/4	
10	2,188.44	10	1,828.66	10	1,468.88	10	1,109.14	10	749.89	10	390.12	10	34.10	10		10		10	
1/4	2,180.95	1/4	1,821.17	1/4	1,461.39	1/4	1,101.65	1/4	742.39	1/4	382.62	1/4	29.41	1/4		1/4		1/4	
1/2	2,173.45	1/2	1,813.67	1/2	1,453.89	1/2	1,094.16	1/2	734.90	1/2	375.13	1/2		1/2		1/2		1/2	
3/4	2,165.96	3/4	1,806.18	3/4	1,446.40	3/4	1,086.67	3/4	727.40	3/4	367.63	3/4		3/4		3/4		3/4	
11	2,158.46	11	1,798.68	11	1,438.90	11	1,079.19	11	719.91	11	360.14	11		11		11		11	
1/4	2,150.97	1/4	1,791.19	1/4	1,431.41	1/4	1,071.71	1/4	712.41	1/4	352.64	1/4		1/4		1/4		1/4	
1/2	2,143.47	1/2	1,783.69	1/2	1,423.91	1/2	1,064.23	1/2	704.92	1/2	345.15	1/2		1/2		1/2		1/2	
3/4	2,135.97	3/4	1,776.20	3/4	1,416.42	3/4	1,056.75	3/4	697.42	3/4	337.65	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 PMA
RECALCULATED: 02/05/2020 SW
VERIFIED: 02/04/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2025

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

BARGE "HTCO 3005"

FWD SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5		5		5		5		5	
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

RESTRAPPED: 05/16/2014 CL
RECALCULATED: 05/16/2014 CL
VERIFIED: 02/04/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2025

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

BARGE "HTCO 3005"

AFT SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5		5		5		5		5	
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

RESTRAPPED: 05/16/2014 CL
RECALCULATED: 05/16/2014 CL
VERIFIED: 02/04/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HTCO 3005"

FUEL TANK
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-00 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	106	0	271	0	431	0		0		0		0		0		0	
1/4	1	1/4	110	1/4	274	1/4	434	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	113	1/2	278	1/2	437	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	116	3/4	281	3/4	440	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	119	1	285	1	443	1		1		1		1		1		1	
1/4	4	1/4	122	1/4	288	1/4	446	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	125	1/2	292	1/2	448	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7	3/4	129	3/4	295	3/4	451	3/4		3/4		3/4		3/4		3/4		3/4	
2	8	2	132	2	299	2	454	2		2		2		2		2		2	
1/4	9	1/4	135	1/4	302	1/4	457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	11	1/2	139	1/2	306	1/2	459	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	13	3/4	142	3/4	309	3/4	462	3/4		3/4		3/4		3/4		3/4		3/4	
3	14	3	145	3	313	3	465	3		3		3		3		3		3	
1/4	16	1/4	148	1/4	316	1/4	467	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	18	1/2	152	1/2	320	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	20	3/4	155	3/4	323	3/4	472	3/4		3/4		3/4		3/4		3/4		3/4	
4	22	4	159	4	327	4	475	4		4		4		4		4		4	
1/4	24	1/4	162	1/4	330	1/4	477	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	26	1/2	165	1/2	334	1/2	479	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	169	3/4	337	3/4	482	3/4		3/4		3/4		3/4		3/4		3/4	
5	30	5	172	5	341	5	484	5		5		5		5		5		5	
1/4	32	1/4	176	1/4	344	1/4	486	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	179	1/2	348	1/2	488	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37	3/4	182	3/4	351	3/4	490	3/4		3/4		3/4		3/4		3/4		3/4	
6	39	6	186	6	354	6	493	6		6		6		6		6		6	
1/4	42	1/4	189	1/4	358	1/4	495	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	193	1/2	361	1/2	497	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	47	3/4	196	3/4	365	3/4	498	3/4		3/4		3/4		3/4		3/4		3/4	
7	49	7	200	7	368	7	500	7		7		7		7		7		7	
1/4	52	1/4	203	1/4	371	1/4	502	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	54	1/2	207	1/2	375	1/2	504	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	57	3/4	210	3/4	378	3/4	505	3/4		3/4		3/4		3/4		3/4		3/4	
8	60	8	214	8	381	8	507	8		8		8		8		8		8	
1/4	62	1/4	217	1/4	384	1/4	508	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	65	1/2	221	1/2	388	1/2	510	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	68	3/4	224	3/4	391	3/4	511	3/4		3/4		3/4		3/4		3/4		3/4	
9	71	9	228	9	394	9	513	9		9		9		9		9		9	
1/4	74	1/4	232	1/4	397	1/4	513	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	76	1/2	235	1/2	401	1/2	513	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	79	3/4	239	3/4	404	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
10	82	10	242	10	407	10	513	10		10		10		10		10		10	
1/4	85	1/4	246	1/4	410	1/4	513	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	249	1/2	413	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	91	3/4	253	3/4	416	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	94	11	256	11	419	11		11		11		11		11		11		11	
1/4	97	1/4	260	1/4	422	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	100	1/2	264	1/2	425	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	267	3/4	428	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 03/05/2014 CL - SW
CALCULATED: 03/05/2014 CL
VERIFIED: 02/04/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2025

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