



# BARGE "HTCO 3006"

## ULLAGE (HERMETIC)

	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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
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 1/4"

LENGTH BETWEEN DRAFT MARKS: 235'-00"

February 20, 2024

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

<http://www.pmacorp.net>



















# BARGE "HTCO 3006"

## 2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17' 2-1/2"

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	2,558.25	0	2,206.39	0	1,854.53	0	1,502.66	0	1,150.80	0	799.40	0	447.54	0	95.69	0		0	
1/4	2,550.92	1/4	2,199.06	1/4	1,847.20	1/4	1,495.33	1/4	1,143.47	1/4	792.07	1/4	440.21	1/4	88.36	1/4		1/4	
1/2	2,543.59	1/2	2,191.73	1/2	1,839.87	1/2	1,488.00	1/2	1,136.14	1/2	784.74	1/2	432.88	1/2	81.03	1/2		1/2	
3/4	2,536.26	3/4	2,184.40	3/4	1,832.53	3/4	1,480.67	3/4	1,128.81	3/4	777.41	3/4	425.55	3/4	73.70	3/4		3/4	
1	2,528.93	1	2,177.07	1	1,825.20	1	1,473.34	1	1,121.48	1	770.08	1	418.22	1	66.37	1		1	
1/4	2,521.60	1/4	2,169.74	1/4	1,817.87	1/4	1,466.01	1/4	1,114.15	1/4	762.75	1/4	410.89	1/4	59.04	1/4		1/4	
1/2	2,514.27	1/2	2,162.41	1/2	1,810.54	1/2	1,458.68	1/2	1,106.82	1/2	755.42	1/2	403.56	1/2	52.62	1/2		1/2	
3/4	2,506.94	3/4	2,155.08	3/4	1,803.21	3/4	1,451.35	3/4	1,099.50	3/4	748.09	3/4	396.23	3/4	46.21	3/4		3/4	
2	2,499.61	2	2,147.75	2	1,795.88	2	1,444.02	2	1,092.17	2	740.75	2	388.90	2	39.79	2		2	
1/4	2,492.28	1/4	2,140.42	1/4	1,788.55	1/4	1,436.69	1/4	1,084.85	1/4	733.42	1/4	381.57	1/4	33.38	1/4		1/4	
1/2	2,484.95	1/2	2,133.09	1/2	1,781.22	1/2	1,429.36	1/2	1,077.52	1/2	726.09	1/2	374.24	1/2	28.80	1/2		1/2	
3/4	2,477.62	3/4	2,125.75	3/4	1,773.89	3/4	1,422.03	3/4	1,070.20	3/4	718.76	3/4	366.91	3/4		3/4		3/4	
3	2,470.29	3	2,118.42	3	1,766.56	3	1,414.70	3	1,062.87	3	711.43	3	359.58	3		3		3	
1/4	2,462.96	1/4	2,111.09	1/4	1,759.23	1/4	1,407.37	1/4	1,055.55	1/4	704.10	1/4	352.25	1/4		1/4		1/4	
1/2	2,455.63	1/2	2,103.76	1/2	1,751.90	1/2	1,400.04	1/2	1,048.23	1/2	696.77	1/2	344.92	1/2		1/2		1/2	
3/4	2,448.30	3/4	2,096.43	3/4	1,744.57	3/4	1,392.70	3/4	1,040.91	3/4	689.44	3/4	337.59	3/4		3/4		3/4	
4	2,440.97	4	2,089.10	4	1,737.24	4	1,385.37	4	1,033.60	4	682.11	4	330.26	4		4		4	
1/4	2,433.64	1/4	2,081.77	1/4	1,729.91	1/4	1,378.04	1/4	1,026.28	1/4	674.78	1/4	322.93	1/4		1/4		1/4	
1/2	2,426.31	1/2	2,074.44	1/2	1,722.58	1/2	1,370.71	1/2	1,018.96	1/2	667.45	1/2	315.60	1/2		1/2		1/2	
3/4	2,418.97	3/4	2,067.11	3/4	1,715.25	3/4	1,363.38	3/4	1,011.64	3/4	660.12	3/4	308.27	3/4		3/4		3/4	
5	2,411.64	5	2,059.78	5	1,707.92	5	1,356.05	5	1,004.33	5	652.79	5	300.94	5		5		5	
1/4	2,404.31	1/4	2,052.45	1/4	1,700.59	1/4	1,348.72	1/4	997.01	1/4	645.46	1/4	293.61	1/4		1/4		1/4	
1/2	2,396.98	1/2	2,045.12	1/2	1,693.26	1/2	1,341.39	1/2	989.69	1/2	638.13	1/2	286.28	1/2		1/2		1/2	
3/4	2,389.65	3/4	2,037.79	3/4	1,685.92	3/4	1,334.06	3/4	982.37	3/4	630.80	3/4	278.95	3/4		3/4		3/4	
6	2,382.32	6	2,030.46	6	1,678.59	6	1,326.73	6	975.06	6	623.47	6	271.62	6		6		6	
1/4	2,374.99	1/4	2,023.13	1/4	1,671.26	1/4	1,319.40	1/4	967.74	1/4	616.14	1/4	264.29	1/4		1/4		1/4	
1/2	2,367.66	1/2	2,015.80	1/2	1,663.93	1/2	1,312.07	1/2	960.42	1/2	608.81	1/2	256.95	1/2		1/2		1/2	
3/4	2,360.33	3/4	2,008.47	3/4	1,656.60	3/4	1,304.74	3/4	953.10	3/4	601.48	3/4	249.62	3/4		3/4		3/4	
7	2,353.00	7	2,001.14	7	1,649.27	7	1,297.41	7	945.79	7	594.15	7	242.29	7		7		7	
1/4	2,345.67	1/4	1,993.81	1/4	1,641.94	1/4	1,290.08	1/4	938.47	1/4	586.82	1/4	234.96	1/4		1/4		1/4	
1/2	2,338.34	1/2	1,986.48	1/2	1,634.61	1/2	1,282.75	1/2	931.15	1/2	579.49	1/2	227.63	1/2		1/2		1/2	
3/4	2,331.01	3/4	1,979.14	3/4	1,627.28	3/4	1,275.42	3/4	923.83	3/4	572.16	3/4	220.30	3/4		3/4		3/4	
8	2,323.68	8	1,971.81	8	1,619.95	8	1,268.09	8	916.52	8	564.83	8	212.97	8		8		8	
1/4	2,316.35	1/4	1,964.48	1/4	1,612.62	1/4	1,260.76	1/4	909.20	1/4	557.50	1/4	205.64	1/4		1/4		1/4	
1/2	2,309.02	1/2	1,957.15	1/2	1,605.29	1/2	1,253.43	1/2	901.88	1/2	550.17	1/2	198.31	1/2		1/2		1/2	
3/4	2,301.69	3/4	1,949.82	3/4	1,597.96	3/4	1,246.09	3/4	894.56	3/4	542.84	3/4	190.98	3/4		3/4		3/4	
9	2,294.36	9	1,942.49	9	1,590.63	9	1,238.76	9	887.25	9	535.51	9	183.65	9		9		9	
1/4	2,287.03	1/4	1,935.16	1/4	1,583.30	1/4	1,231.43	1/4	879.93	1/4	528.18	1/4	176.32	1/4		1/4		1/4	
1/2	2,279.70	1/2	1,927.83	1/2	1,575.97	1/2	1,224.10	1/2	872.61	1/2	520.85	1/2	168.99	1/2		1/2		1/2	
3/4	2,272.36	3/4	1,920.50	3/4	1,568.64	3/4	1,216.77	3/4	865.29	3/4	513.52	3/4	161.66	3/4		3/4		3/4	
10	2,265.03	10	1,913.17	10	1,561.31	10	1,209.44	10	857.98	10	506.19	10	154.33	10		10		10	
1/4	2,257.70	1/4	1,905.84	1/4	1,553.98	1/4	1,202.11	1/4	850.66	1/4	498.85	1/4	147.00	1/4		1/4		1/4	
1/2	2,250.37	1/2	1,898.51	1/2	1,546.65	1/2	1,194.78	1/2	843.34	1/2	491.52	1/2	139.67	1/2		1/2		1/2	
3/4	2,243.04	3/4	1,891.18	3/4	1,539.31	3/4	1,187.45	3/4	836.02	3/4	484.19	3/4	132.34	3/4		3/4		3/4	
11	2,235.71	11	1,883.85	11	1,531.98	11	1,180.12	11	828.71	11	476.86	11	125.01	11		11		11	
1/4	2,228.38	1/4	1,876.52	1/4	1,524.65	1/4	1,172.79	1/4	821.39	1/4	469.53	1/4	117.68	1/4		1/4		1/4	
1/2	2,221.05	1/2	1,869.19	1/2	1,517.32	1/2	1,165.46	1/2	814.06	1/2	462.20	1/2	110.35	1/2		1/2		1/2	
3/4	2,213.72	3/4	1,861.86	3/4	1,509.99	3/4	1,158.13	3/4	806.73	3/4	454.87	3/4	103.02	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/28/2014 CL  
RECALCULATED: 04/26/2019 SW  
VERIFIED: 02/20/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024

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



# BARGE "HTCO 3006"

## 3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17' 2-3/4"

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		0	4,356.58	0	4,109.08	0	3,860.73	0	3,612.36	0	3,319.07	0	2,960.84
1/4		1/4		1/4		1/4		1/4	4,581.61	1/4	4,103.92	1/4	3,855.56	1/4	3,607.19	1/4	3,311.63	1/4	2,953.38
1/2		1/2		1/2		1/2		1/2	4,578.66	1/2	4,346.32	1/2	4,098.76	1/2	3,850.39	1/2	3,602.01	1/2	3,304.18
3/4		3/4		3/4		3/4		3/4	4,575.36	3/4	4,341.19	3/4	4,093.58	3/4	3,845.21	3/4	3,596.84	3/4	3,296.74
1		1		1		1		1	4,572.07	1	4,336.05	1	4,088.41	1	3,840.04	1	3,591.67	1	3,289.29
1/4		1/4		1/4		1/4		1/4	4,568.77	1/4	4,330.92	1/4	4,083.23	1/4	3,834.86	1/4	3,586.49	1/4	3,281.85
1/2		1/2		1/2		1/2		1/2	4,565.48	1/2	4,325.79	1/2	4,078.06	1/2	3,829.69	1/2	3,581.32	1/2	3,274.40
3/4		3/4		3/4		3/4		3/4	4,561.84	3/4	4,320.63	3/4	4,072.89	3/4	3,824.51	3/4	3,576.14	3/4	3,266.94
2		2		2		2		2	4,558.21	2	4,315.47	2	4,067.71	2	3,819.34	2	3,570.97	2	3,259.47
1/4		1/4		1/4		1/4		1/4	4,554.57	1/4	4,310.31	1/4	4,062.54	1/4	3,814.17	1/4	3,565.79	1/4	3,252.01
1/2		1/2		1/2		1/2		1/2	4,550.93	1/2	4,305.15	1/2	4,057.36	1/2	3,808.99	1/2	3,560.62	1/2	3,244.54
3/4		3/4		3/4		3/4		3/4	4,545.98	3/4	4,299.99	3/4	4,052.19	3/4	3,803.82	3/4	3,555.45	3/4	3,237.08
3		3		3		3		3	4,541.03	3	4,294.83	3	4,047.01	3	3,798.64	3	3,550.27	3	3,229.61
1/4		1/4		1/4		1/4		1/4	4,536.08	1/4	4,289.67	1/4	4,041.84	1/4	3,793.47	1/4	3,545.10	1/4	3,222.14
1/2		1/2		1/2		1/2		1/2	4,531.13	1/2	4,284.51	1/2	4,036.66	1/2	3,788.29	1/2	3,539.92	1/2	3,214.68
3/4		3/4		3/4		3/4		3/4	4,526.00	3/4	4,279.35	3/4	4,031.49	3/4	3,783.12	3/4	3,534.78	3/4	3,207.21
4		4		4		4		4	4,520.86	4	4,274.19	4	4,026.32	4	3,777.94	4	3,529.63	4	3,199.75
1/4		1/4		1/4		1/4		1/4	4,515.73	1/4	4,269.03	1/4	4,021.14	1/4	3,772.77	1/4	3,524.49	1/4	3,192.28
1/2		1/2		1/2		1/2		1/2	4,510.59	1/2	4,263.87	1/2	4,015.97	1/2	3,767.60	1/2	3,519.34	1/2	3,184.82
3/4		3/4		3/4		3/4		3/4	4,505.46	3/4	4,258.71	3/4	4,010.79	3/4	3,762.42	3/4	3,514.20	3/4	3,177.35
5		5		5		5		5	4,500.32	5	4,253.55	5	4,005.62	5	3,757.25	5	3,509.05	5	3,169.89
1/4		1/4		1/4		1/4		1/4	4,495.19	1/4	4,248.39	1/4	4,000.44	1/4	3,752.07	1/4	3,503.91	1/4	3,162.42
1/2		1/2		1/2		1/2		1/2	4,490.05	1/2	4,243.23	1/2	3,995.27	1/2	3,746.90	1/2	3,498.77	1/2	3,154.95
3/4		3/4		3/4		3/4		3/4	4,484.92	3/4	4,238.07	3/4	3,990.09	3/4	3,741.72	3/4	3,493.63	3/4	3,147.49
6		6		6		6		6	4,479.78	6	4,232.91	6	3,984.92	6	3,736.55	6	3,488.50	6	3,140.02
1/4		1/4		1/4		1/4		1/4	4,474.65	1/4	4,227.75	1/4	3,979.75	1/4	3,731.37	1/4	3,483.37	1/4	3,132.56
1/2		1/2		1/2		1/2		1/2	4,469.51	1/2	4,222.59	1/2	3,974.57	1/2	3,726.20	1/2	3,478.23	1/2	3,125.09
3/4		3/4		3/4		3/4		3/4	4,464.38	3/4	4,217.43	3/4	3,969.40	3/4	3,721.03	3/4	3,471.95	3/4	3,117.63
7		7		7		7		7	4,459.24	7	4,212.27	7	3,964.22	7	3,715.85	7	3,465.66	7	3,110.16
1/4		1/4		1/4		1/4		1/4	4,454.11	1/4	4,207.11	1/4	3,959.05	1/4	3,710.68	1/4	3,459.37	1/4	3,102.70
1/2		1/2		1/2		1/2		1/2	4,448.97	1/2	4,201.95	1/2	3,953.87	1/2	3,705.50	1/2	3,453.08	1/2	3,095.23
3/4		3/4		3/4		3/4		3/4	4,443.84	3/4	4,196.79	3/4	3,948.70	3/4	3,700.33	3/4	3,445.63	3/4	3,087.76
8		8		8		8		8	4,438.71	8	4,191.63	8	3,943.53	8	3,695.15	8	3,438.19	8	3,080.30
1/4		1/4		1/4		1/4		1/4	4,433.57	1/4	4,186.47	1/4	3,938.35	1/4	3,689.98	1/4	3,430.74	1/4	3,072.83
1/2		1/2		1/2		1/2		1/2	4,428.44	1/2	4,181.31	1/2	3,933.18	1/2	3,684.81	1/2	3,423.30	1/2	3,065.37
3/4		3/4		3/4		3/4		3/4	4,423.31	3/4	4,176.15	3/4	3,928.00	3/4	3,679.63	3/4	3,415.86	3/4	3,057.90
9		9		9		9		9	4,418.18	9	4,170.99	9	3,922.83	9	3,674.46	9	3,408.41	9	3,050.44
1/4		1/4		1/4		1/4		1/4	4,413.04	1/4	4,165.83	1/4	3,917.65	1/4	3,669.28	1/4	3,400.97	1/4	3,042.97
1/2		1/2		1/2		1/2		1/2	4,407.91	1/2	4,160.67	1/2	3,912.48	1/2	3,664.11	1/2	3,393.52	1/2	3,035.50
3/4		3/4		3/4		3/4		3/4	4,402.78	3/4	4,155.51	3/4	3,907.30	3/4	3,658.93	3/4	3,386.08	3/4	3,028.04
10		10		10		10		10	4,397.64	10	4,150.36	10	3,902.13	10	3,653.76	10	3,378.63	10	3,020.57
1/4		1/4		1/4		1/4		1/4	4,392.51	1/4	4,145.20	1/4	3,896.96	1/4	3,648.58	1/4	3,371.19	1/4	3,013.11
1/2		1/2		1/2		1/2		1/2	4,387.38	1/2	4,140.04	1/2	3,891.78	1/2	3,643.41	1/2	3,363.74	1/2	3,005.64
3/4		3/4		3/4		3/4		3/4	4,382.25	3/4	4,134.88	3/4	3,886.61	3/4	3,638.24	3/4	3,356.30	3/4	2,998.18
11		11		11		11		11	4,377.11	11	4,129.72	11	3,881.43	11	3,633.06	11	3,348.85	11	2,990.71
1/4		1/4		1/4		1/4		1/4	4,371.98	1/4	4,124.56	1/4	3,876.26	1/4	3,627.89	1/4	3,341.41	1/4	2,983.25
1/2		1/2		1/2		1/2		1/2	4,366.85	1/2	4,119.40	1/2	3,871.08	1/2	3,622.71	1/2	3,333.96	1/2	2,975.78
3/4		3/4		3/4		3/4		3/4	4,361.72	3/4	4,114.24	3/4	3,865.91	3/4	3,617.54	3/4	3,326.52	3/4	2,968.31

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 CLOSED GAUGING DEVICE"  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-6" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HTCO 3006"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17' 2-3/4"

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	2,602.36	0	2,244.89	0	1,888.96	0	1,530.13	0	1,171.72	0	823.28	0	464.25	0	105.24	0		0	
1/4	2,594.88	1/4	2,237.47	1/4	1,881.48	1/4	1,522.65	1/4	1,164.45	1/4	815.80	1/4	456.77	1/4	97.75	1/4		1/4	
1/2	2,587.40	1/2	2,230.06	1/2	1,874.00	1/2	1,515.18	1/2	1,157.19	1/2	808.32	1/2	449.29	1/2	90.27	1/2		1/2	
3/4	2,579.93	3/4	2,222.65	3/4	1,866.53	3/4	1,507.70	3/4	1,149.92	3/4	800.84	3/4	441.82	3/4	82.77	3/4		3/4	
1	2,572.45	1	2,215.24	1	1,859.05	1	1,500.22	1	1,142.66	1	793.36	1	434.34	1	75.28	1		1	
1/4	2,564.98	1/4	2,207.82	1/4	1,851.58	1/4	1,492.75	1/4	1,135.39	1/4	785.88	1/4	426.86	1/4	67.79	1/4		1/4	
1/2	2,557.50	1/2	2,200.41	1/2	1,844.10	1/2	1,485.27	1/2	1,128.13	1/2	778.40	1/2	419.38	1/2	60.30	1/2		1/2	
3/4	2,550.03	3/4	2,193.00	3/4	1,836.63	3/4	1,477.80	3/4	1,120.87	3/4	770.92	3/4	411.90	3/4	53.74	3/4		3/4	
2	2,542.55	2	2,185.59	2	1,829.15	2	1,470.32	2	1,113.62	2	763.44	2	404.42	2	47.19	2		2	
1/4	2,535.08	1/4	2,178.17	1/4	1,821.67	1/4	1,462.85	1/4	1,106.37	1/4	755.96	1/4	396.94	1/4	40.63	1/4		1/4	
1/2	2,527.60	1/2	2,170.76	1/2	1,814.20	1/2	1,455.37	1/2	1,099.11	1/2	748.48	1/2	389.47	1/2	34.08	1/2		1/2	
3/4	2,520.12	3/4	2,163.35	3/4	1,806.72	3/4	1,447.89	3/4	1,091.86	3/4	741.00	3/4	381.99	3/4	29.40	3/4		3/4	
3	2,512.65	3	2,155.93	3	1,799.25	3	1,440.42	3	1,084.61	3	733.52	3	374.51	3		3		3	
1/4	2,505.17	1/4	2,148.52	1/4	1,791.77	1/4	1,432.94	1/4	1,077.35	1/4	726.04	1/4	367.03	1/4		1/4		1/4	
1/2	2,497.70	1/2	2,141.11	1/2	1,784.30	1/2	1,425.47	1/2	1,070.10	1/2	718.56	1/2	359.55	1/2		1/2		1/2	
3/4	2,490.26	3/4	2,133.70	3/4	1,776.82	3/4	1,417.99	3/4	1,062.85	3/4	711.08	3/4	352.07	3/4		3/4		3/4	
4	2,482.82	4	2,126.28	4	1,769.35	4	1,410.52	4	1,055.61	4	703.60	4	344.60	4		4		4	
1/4	2,475.39	1/4	2,118.87	1/4	1,761.87	1/4	1,403.04	1/4	1,048.36	1/4	696.12	1/4	337.12	1/4		1/4		1/4	
1/2	2,467.95	1/2	2,111.46	1/2	1,754.39	1/2	1,395.57	1/2	1,041.12	1/2	688.64	1/2	329.64	1/2		1/2		1/2	
3/4	2,460.51	3/4	2,104.05	3/4	1,746.92	3/4	1,388.09	3/4	1,033.87	3/4	681.16	3/4	322.16	3/4		3/4		3/4	
5	2,453.08	5	2,096.63	5	1,739.44	5	1,380.61	5	1,026.63	5	673.68	5	314.68	5		5		5	
1/4	2,445.64	1/4	2,089.22	1/4	1,731.97	1/4	1,373.14	1/4	1,019.38	1/4	666.20	1/4	307.20	1/4		1/4		1/4	
1/2	2,438.20	1/2	2,081.81	1/2	1,724.49	1/2	1,365.66	1/2	1,012.13	1/2	658.72	1/2	299.73	1/2		1/2		1/2	
3/4	2,430.76	3/4	2,074.40	3/4	1,717.02	3/4	1,358.19	3/4	1,004.89	3/4	651.24	3/4	292.25	3/4		3/4		3/4	
6	2,423.33	6	2,066.98	6	1,709.54	6	1,350.71	6	997.64	6	643.76	6	284.77	6		6		6	
1/4	2,415.89	1/4	2,059.57	1/4	1,702.07	1/4	1,343.24	1/4	990.40	1/4	636.28	1/4	277.29	1/4		1/4		1/4	
1/2	2,408.45	1/2	2,052.16	1/2	1,694.59	1/2	1,335.76	1/2	983.15	1/2	628.80	1/2	269.81	1/2		1/2		1/2	
3/4	2,401.02	3/4	2,044.75	3/4	1,687.11	3/4	1,328.29	3/4	975.91	3/4	621.32	3/4	262.33	3/4		3/4		3/4	
7	2,393.58	7	2,037.33	7	1,679.64	7	1,320.81	7	968.66	7	613.84	7	254.86	7		7		7	
1/4	2,386.14	1/4	2,029.92	1/4	1,672.16	1/4	1,313.33	1/4	961.41	1/4	606.36	1/4	247.38	1/4		1/4		1/4	
1/2	2,378.70	1/2	2,022.51	1/2	1,664.69	1/2	1,305.86	1/2	954.17	1/2	598.88	1/2	239.90	1/2		1/2		1/2	
3/4	2,371.27	3/4	2,015.10	3/4	1,657.21	3/4	1,298.38	3/4	946.92	3/4	591.40	3/4	232.42	3/4		3/4		3/4	
8	2,363.83	8	2,007.68	8	1,649.74	8	1,290.91	8	939.68	8	583.92	8	224.94	8		8		8	
1/4	2,356.39	1/4	2,000.27	1/4	1,642.26	1/4	1,283.43	1/4	932.43	1/4	576.44	1/4	217.46	1/4		1/4		1/4	
1/2	2,348.96	1/2	1,992.86	1/2	1,634.78	1/2	1,275.96	1/2	925.19	1/2	568.96	1/2	209.98	1/2		1/2		1/2	
3/4	2,341.52	3/4	1,985.45	3/4	1,627.31	3/4	1,268.48	3/4	917.94	3/4	561.48	3/4	202.50	3/4		3/4		3/4	
9	2,334.08	9	1,978.03	9	1,619.83	9	1,261.00	9	910.69	9	554.01	9	195.02	9		9		9	
1/4	2,326.65	1/4	1,970.62	1/4	1,612.36	1/4	1,253.53	1/4	903.45	1/4	546.53	1/4	187.54	1/4		1/4		1/4	
1/2	2,319.21	1/2	1,963.21	1/2	1,604.88	1/2	1,246.05	1/2	896.20	1/2	539.05	1/2	180.06	1/2		1/2		1/2	
3/4	2,311.77	3/4	1,955.79	3/4	1,597.41	3/4	1,238.58	3/4	888.96	3/4	531.57	3/4	172.58	3/4		3/4		3/4	
10	2,304.33	10	1,948.38	10	1,589.93	10	1,231.10	10	881.71	10	524.09	10	165.10	10		10		10	
1/4	2,296.90	1/4	1,940.97	1/4	1,582.46	1/4	1,223.63	1/4	874.47	1/4	516.61	1/4	157.62	1/4		1/4		1/4	
1/2	2,289.46	1/2	1,933.56	1/2	1,574.98	1/2	1,216.15	1/2	867.22	1/2	509.13	1/2	150.14	1/2		1/2		1/2	
3/4	2,282.02	3/4	1,926.14	3/4	1,567.50	3/4	1,208.68	3/4	859.97	3/4	501.65	3/4	142.66	3/4		3/4		3/4	
11	2,274.59	11	1,918.73	11	1,560.03	11	1,201.20	11	852.73	11	494.17	11	135.17	11		11		11	
1/4	2,267.15	1/4	1,911.32	1/4	1,552.55	1/4	1,193.72	1/4	845.48	1/4	486.69	1/4	127.69	1/4		1/4		1/4	
1/2	2,259.71	1/2	1,903.91	1/2	1,545.08	1/2	1,186.25	1/2	838.24	1/2	479.21	1/2	120.21	1/2		1/2		1/2	
3/4	2,252.30	3/4	1,896.43	3/4	1,537.60	3/4	1,178.98	3/4	830.76	3/4	471.73	3/4	112.73	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/28/2014 CL  
RECALCULATED: 04/26/2019 SW  
VERIFIED: 02/20/2024 JS

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024



# BARGE "HTCO 3006"

## 3 STBD ULLAGE TABLE HERMETIC GAUGE HEIGHT 17' 2-1/2"

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

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 CLOSED GAUGING DEVICE"  
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-6" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "HTCO 3006"

3 STBD  
 ULLAGE TABLE  
 HERMETIC  
 GAUGE HEIGHT 17' 2-1/2"

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	2,615.68	0	2,255.90	0	1,896.12	0	1,536.34	0	1,176.56	0	817.34	0	457.57	0	97.80	0		0	
1/4	2,608.19	1/4	2,248.41	1/4	1,888.63	1/4	1,528.85	1/4	1,169.07	1/4	809.85	1/4	450.08	1/4	90.31	1/4		1/4	
1/2	2,600.69	1/2	2,240.91	1/2	1,881.13	1/2	1,521.35	1/2	1,161.57	1/2	802.35	1/2	442.58	1/2	82.81	1/2		1/2	
3/4	2,593.19	3/4	2,233.42	3/4	1,873.64	3/4	1,513.86	3/4	1,154.08	3/4	794.86	3/4	435.09	3/4	75.32	3/4		3/4	
1	2,585.70	1	2,225.92	1	1,866.14	1	1,506.36	1	1,146.58	1	787.36	1	427.59	1	67.82	1		1	
1/4	2,578.20	1/4	2,218.42	1/4	1,858.65	1/4	1,498.87	1/4	1,139.09	1/4	779.87	1/4	420.10	1/4	60.33	1/4		1/4	
1/2	2,570.71	1/2	2,210.93	1/2	1,851.15	1/2	1,491.37	1/2	1,131.60	1/2	772.37	1/2	412.60	1/2	53.77	1/2		1/2	
3/4	2,563.21	3/4	2,203.43	3/4	1,843.65	3/4	1,483.88	3/4	1,124.11	3/4	764.88	3/4	405.11	3/4	47.21	3/4		3/4	
2	2,555.72	2	2,195.94	2	1,836.16	2	1,476.38	2	1,116.62	2	757.38	2	397.61	2	40.65	2		2	
1/4	2,548.22	1/4	2,188.44	1/4	1,828.66	1/4	1,468.88	1/4	1,109.14	1/4	749.89	1/4	390.12	1/4	34.10	1/4		1/4	
1/2	2,540.73	1/2	2,180.95	1/2	1,821.17	1/2	1,461.39	1/2	1,101.65	1/2	742.39	1/2	382.62	1/2	29.41	1/2		1/2	
3/4	2,533.23	3/4	2,173.45	3/4	1,813.67	3/4	1,453.89	3/4	1,094.16	3/4	734.90	3/4	375.13	3/4		3/4		3/4	
3	2,525.74	3	2,165.96	3	1,806.18	3	1,446.40	3	1,086.67	3	727.40	3	367.63	3		3		3	
1/4	2,518.24	1/4	2,158.46	1/4	1,798.68	1/4	1,438.90	1/4	1,079.19	1/4	719.91	1/4	360.14	1/4		1/4		1/4	
1/2	2,510.74	1/2	2,150.97	1/2	1,791.19	1/2	1,431.41	1/2	1,071.71	1/2	712.41	1/2	352.64	1/2		1/2		1/2	
3/4	2,503.25	3/4	2,143.47	3/4	1,783.69	3/4	1,423.91	3/4	1,064.23	3/4	704.92	3/4	345.15	3/4		3/4		3/4	
4	2,495.75	4	2,135.97	4	1,776.20	4	1,416.42	4	1,056.75	4	697.42	4	337.65	4		4		4	
1/4	2,488.26	1/4	2,128.48	1/4	1,768.70	1/4	1,408.92	1/4	1,049.27	1/4	689.93	1/4	330.16	1/4		1/4		1/4	
1/2	2,480.76	1/2	2,120.98	1/2	1,761.20	1/2	1,401.43	1/2	1,041.79	1/2	682.43	1/2	322.66	1/2		1/2		1/2	
3/4	2,473.27	3/4	2,113.49	3/4	1,753.71	3/4	1,393.93	3/4	1,034.31	3/4	674.93	3/4	315.17	3/4		3/4		3/4	
5	2,465.77	5	2,105.99	5	1,746.21	5	1,386.43	5	1,026.83	5	667.44	5	307.67	5		5		5	
1/4	2,458.28	1/4	2,098.50	1/4	1,738.72	1/4	1,378.94	1/4	1,019.35	1/4	659.94	1/4	300.17	1/4		1/4		1/4	
1/2	2,450.78	1/2	2,091.00	1/2	1,731.22	1/2	1,371.44	1/2	1,011.87	1/2	652.45	1/2	292.68	1/2		1/2		1/2	
3/4	2,443.29	3/4	2,083.51	3/4	1,723.73	3/4	1,363.95	3/4	1,004.39	3/4	644.95	3/4	285.18	3/4		3/4		3/4	
6	2,435.79	6	2,076.01	6	1,716.23	6	1,356.45	6	996.91	6	637.46	6	277.69	6		6		6	
1/4	2,428.30	1/4	2,068.52	1/4	1,708.74	1/4	1,348.96	1/4	989.43	1/4	629.96	1/4	270.19	1/4		1/4		1/4	
1/2	2,420.80	1/2	2,061.02	1/2	1,701.24	1/2	1,341.46	1/2	981.95	1/2	622.47	1/2	262.70	1/2		1/2		1/2	
3/4	2,413.30	3/4	2,053.53	3/4	1,693.75	3/4	1,333.97	3/4	974.47	3/4	614.97	3/4	255.20	3/4		3/4		3/4	
7	2,405.81	7	2,046.03	7	1,686.25	7	1,326.47	7	966.99	7	607.48	7	247.71	7		7		7	
1/4	2,398.31	1/4	2,038.53	1/4	1,678.76	1/4	1,318.98	1/4	959.51	1/4	599.98	1/4	240.21	1/4		1/4		1/4	
1/2	2,390.82	1/2	2,031.04	1/2	1,671.26	1/2	1,311.48	1/2	952.03	1/2	592.49	1/2	232.72	1/2		1/2		1/2	
3/4	2,383.32	3/4	2,023.54	3/4	1,663.76	3/4	1,303.99	3/4	944.55	3/4	584.99	3/4	225.22	3/4		3/4		3/4	
8	2,375.83	8	2,016.05	8	1,656.27	8	1,296.49	8	937.07	8	577.50	8	217.73	8		8		8	
1/4	2,368.33	1/4	2,008.55	1/4	1,648.77	1/4	1,288.99	1/4	929.59	1/4	570.00	1/4	210.23	1/4		1/4		1/4	
1/2	2,360.84	1/2	2,001.06	1/2	1,641.28	1/2	1,281.50	1/2	922.11	1/2	562.51	1/2	202.74	1/2		1/2		1/2	
3/4	2,353.34	3/4	1,993.56	3/4	1,633.78	3/4	1,274.00	3/4	914.63	3/4	555.01	3/4	195.24	3/4		3/4		3/4	
9	2,345.85	9	1,986.07	9	1,626.29	9	1,266.51	9	907.15	9	547.52	9	187.75	9		9		9	
1/4	2,338.35	1/4	1,978.57	1/4	1,618.79	1/4	1,259.01	1/4	899.67	1/4	540.02	1/4	180.25	1/4		1/4		1/4	
1/2	2,330.86	1/2	1,971.08	1/2	1,611.30	1/2	1,251.52	1/2	892.19	1/2	532.53	1/2	172.76	1/2		1/2		1/2	
3/4	2,323.36	3/4	1,963.58	3/4	1,603.80	3/4	1,244.02	3/4	884.71	3/4	525.03	3/4	165.26	3/4		3/4		3/4	
10	2,315.86	10	1,956.09	10	1,596.31	10	1,236.53	10	877.23	10	517.54	10	157.77	10		10		10	
1/4	2,308.37	1/4	1,948.59	1/4	1,588.81	1/4	1,229.03	1/4	869.75	1/4	510.04	1/4	150.27	1/4		1/4		1/4	
1/2	2,300.87	1/2	1,941.09	1/2	1,581.32	1/2	1,221.54	1/2	862.27	1/2	502.55	1/2	142.78	1/2		1/2		1/2	
3/4	2,293.38	3/4	1,933.60	3/4	1,573.82	3/4	1,214.04	3/4	854.79	3/4	495.05	3/4	135.28	3/4		3/4		3/4	
11	2,285.88	11	1,926.10	11	1,566.32	11	1,206.55	11	847.31	11	487.55	11	127.79	11		11		11	
1/4	2,278.39	1/4	1,918.61	1/4	1,558.83	1/4	1,199.05	1/4	839.83	1/4	480.06	1/4	120.29	1/4		1/4		1/4	
1/2	2,270.89	1/2	1,911.11	1/2	1,551.33	1/2	1,191.55	1/2	832.33	1/2	472.56	1/2	112.79	1/2		1/2		1/2	
3/4	2,263.40	3/4	1,903.62	3/4	1,543.84	3/4	1,184.06	3/4	824.84	3/4	465.07	3/4	105.30	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/28/2014 CL  
 RECALCULATED: 04/26/2019 SW  
 VERIFIED: 02/20/2024 JS

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 02/2024

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

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



# BARGE "HTCO 3006"

## FWD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	451	0	903	0	1,354	0	1,805	0		0		0		0		0	
1/4	9	1/4	461	1/4	912	1/4	1,363	1/4	1,815	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	470	1/2	921	1/2	1,373	1/2	1,824	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	480	3/4	931	3/4	1,382	3/4	1,834	3/4		3/4		3/4		3/4		3/4	
1	38	1	489	1	940	1	1,392	1	1,843	1		1		1		1		1	
1/4	47	1/4	498	1/4	950	1/4	1,401	1/4	1,852	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	508	1/2	959	1/2	1,410	1/2	1,862	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	517	3/4	968	3/4	1,420	3/4	1,871	3/4		3/4		3/4		3/4		3/4	
2	75	2	527	2	978	2	1,429	2	1,881	2		2		2		2		2	
1/4	85	1/4	536	1/4	987	1/4	1,439	1/4	1,890	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	545	1/2	997	1/2	1,448	1/2	1,899	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	555	3/4	1,006	3/4	1,457	3/4	1,909	3/4		3/4		3/4		3/4		3/4	
3	113	3	564	3	1,015	3	1,467	3	1,918	3		3		3		3		3	
1/4	122	1/4	574	1/4	1,025	1/4	1,476	1/4	1,928	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	583	1/2	1,034	1/2	1,486	1/2	1,937	1/2		1/2		1/2		1/2		1/2	
3/4	141	3/4	592	3/4	1,044	3/4	1,495	3/4	1,946	3/4		3/4		3/4		3/4		3/4	
4	150	4	602	4	1,053	4	1,504	4	1,956	4		4		4		4		4	
1/4	160	1/4	611	1/4	1,062	1/4	1,514	1/4	1,965	1/4		1/4		1/4		1/4		1/4	
1/2	169	1/2	621	1/2	1,072	1/2	1,523	1/2	1,975	1/2		1/2		1/2		1/2		1/2	
3/4	179	3/4	630	3/4	1,081	3/4	1,533	3/4	1,984	3/4		3/4		3/4		3/4		3/4	
5	188	5	639	5	1,091	5	1,542	5	1,993	5		5		5		5		5	
1/4	197	1/4	649	1/4	1,100	1/4	1,551	1/4	2,003	1/4		1/4		1/4		1/4		1/4	
1/2	207	1/2	658	1/2	1,110	1/2	1,561	1/2	2,012	1/2		1/2		1/2		1/2		1/2	
3/4	216	3/4	668	3/4	1,119	3/4	1,570	3/4	2,022	3/4		3/4		3/4		3/4		3/4	
6	226	6	677	6	1,128	6	1,580	6	2,031	6		6		6		6		6	
1/4	235	1/4	686	1/4	1,138	1/4	1,589	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	244	1/2	696	1/2	1,147	1/2	1,598	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	254	3/4	705	3/4	1,157	3/4	1,608	3/4		3/4		3/4		3/4		3/4		3/4	
7	263	7	715	7	1,166	7	1,617	7		7		7		7		7		7	
1/4	273	1/4	724	1/4	1,175	1/4	1,627	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	282	1/2	733	1/2	1,185	1/2	1,636	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291	3/4	743	3/4	1,194	3/4	1,645	3/4		3/4		3/4		3/4		3/4		3/4	
8	301	8	752	8	1,204	8	1,655	8		8		8		8		8		8	
1/4	310	1/4	762	1/4	1,213	1/4	1,664	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	320	1/2	771	1/2	1,222	1/2	1,674	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	329	3/4	780	3/4	1,232	3/4	1,683	3/4		3/4		3/4		3/4		3/4		3/4	
9	338	9	790	9	1,241	9	1,692	9		9		9		9		9		9	
1/4	348	1/4	799	1/4	1,251	1/4	1,702	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	357	1/2	809	1/2	1,260	1/2	1,711	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	367	3/4	818	3/4	1,269	3/4	1,721	3/4		3/4		3/4		3/4		3/4		3/4	
10	376	10	827	10	1,279	10	1,730	10		10		10		10		10		10	
1/4	386	1/4	837	1/4	1,288	1/4	1,739	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	395	1/2	846	1/2	1,298	1/2	1,749	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	404	3/4	856	3/4	1,307	3/4	1,758	3/4		3/4		3/4		3/4		3/4		3/4	
11	414	11	865	11	1,316	11	1,768	11		11		11		11		11		11	
1/4	423	1/4	874	1/4	1,326	1/4	1,777	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	433	1/2	884	1/2	1,335	1/2	1,786	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	442	3/4	893	3/4	1,345	3/4	1,796	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 TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 02/20/2024 JS  
 CALCULATED: 02/21/2024 CL  
 PRINTED: 02/21/2024 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 02/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

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 Pearland, Texas 77588  
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# BARGE "HTCO 3006"

## AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	451	0	903	0	1,354	0	1,805	0		0		0		0		0	
1/4	9	1/4	461	1/4	912	1/4	1,363	1/4	1,815	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	470	1/2	921	1/2	1,373	1/2	1,824	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	480	3/4	931	3/4	1,382	3/4	1,834	3/4		3/4		3/4		3/4		3/4	
1	38	1	489	1	940	1	1,392	1	1,843	1		1		1		1		1	
1/4	47	1/4	498	1/4	950	1/4	1,401	1/4	1,852	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	508	1/2	959	1/2	1,410	1/2	1,862	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	517	3/4	968	3/4	1,420	3/4	1,871	3/4		3/4		3/4		3/4		3/4	
2	75	2	527	2	978	2	1,429	2	1,881	2		2		2		2		2	
1/4	85	1/4	536	1/4	987	1/4	1,439	1/4	1,890	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	545	1/2	997	1/2	1,448	1/2	1,899	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	555	3/4	1,006	3/4	1,457	3/4	1,909	3/4		3/4		3/4		3/4		3/4	
3	113	3	564	3	1,015	3	1,467	3	1,918	3		3		3		3		3	
1/4	122	1/4	574	1/4	1,025	1/4	1,476	1/4	1,928	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	583	1/2	1,034	1/2	1,486	1/2	1,937	1/2		1/2		1/2		1/2		1/2	
3/4	141	3/4	592	3/4	1,044	3/4	1,495	3/4	1,946	3/4		3/4		3/4		3/4		3/4	
4	150	4	602	4	1,053	4	1,504	4	1,956	4		4		4		4		4	
1/4	160	1/4	611	1/4	1,062	1/4	1,514	1/4	1,965	1/4		1/4		1/4		1/4		1/4	
1/2	169	1/2	621	1/2	1,072	1/2	1,523	1/2	1,975	1/2		1/2		1/2		1/2		1/2	
3/4	179	3/4	630	3/4	1,081	3/4	1,533	3/4	1,984	3/4		3/4		3/4		3/4		3/4	
5	188	5	639	5	1,091	5	1,542	5	1,993	5		5		5		5		5	
1/4	197	1/4	649	1/4	1,100	1/4	1,551	1/4	2,003	1/4		1/4		1/4		1/4		1/4	
1/2	207	1/2	658	1/2	1,110	1/2	1,561	1/2	2,012	1/2		1/2		1/2		1/2		1/2	
3/4	216	3/4	668	3/4	1,119	3/4	1,570	3/4	2,022	3/4		3/4		3/4		3/4		3/4	
6	226	6	677	6	1,128	6	1,580	6	2,031	6		6		6		6		6	
1/4	235	1/4	686	1/4	1,138	1/4	1,589	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	244	1/2	696	1/2	1,147	1/2	1,598	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	254	3/4	705	3/4	1,157	3/4	1,608	3/4		3/4		3/4		3/4		3/4		3/4	
7	263	7	715	7	1,166	7	1,617	7		7		7		7		7		7	
1/4	273	1/4	724	1/4	1,175	1/4	1,627	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	282	1/2	733	1/2	1,185	1/2	1,636	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291	3/4	743	3/4	1,194	3/4	1,645	3/4		3/4		3/4		3/4		3/4		3/4	
8	301	8	752	8	1,204	8	1,655	8		8		8		8		8		8	
1/4	310	1/4	762	1/4	1,213	1/4	1,664	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	320	1/2	771	1/2	1,222	1/2	1,674	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	329	3/4	780	3/4	1,232	3/4	1,683	3/4		3/4		3/4		3/4		3/4		3/4	
9	338	9	790	9	1,241	9	1,692	9		9		9		9		9		9	
1/4	348	1/4	799	1/4	1,251	1/4	1,702	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	357	1/2	809	1/2	1,260	1/2	1,711	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	367	3/4	818	3/4	1,269	3/4	1,721	3/4		3/4		3/4		3/4		3/4		3/4	
10	376	10	827	10	1,279	10	1,730	10		10		10		10		10		10	
1/4	386	1/4	837	1/4	1,288	1/4	1,739	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	395	1/2	846	1/2	1,298	1/2	1,749	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	404	3/4	856	3/4	1,307	3/4	1,758	3/4		3/4		3/4		3/4		3/4		3/4	
11	414	11	865	11	1,316	11	1,768	11		11		11		11		11		11	
1/4	423	1/4	874	1/4	1,326	1/4	1,777	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	433	1/2	884	1/2	1,335	1/2	1,786	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	442	3/4	893	3/4	1,345	3/4	1,796	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 TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 02/20/2024 JS  
 CALCULATED: 02/21/2024 CL  
 PRINTED: 02/21/2024 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 02/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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