BARGE "HTCO 3008"

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	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
1 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
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 3/4"

LENGTH BETWEEN DRAFT MARKS: 235'-00"

April 10, 2023

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

http://www.pmacorp.net

BARGE "HTCO 3008"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,092.37	0	4,750.82	0	4,388.70	0	4,025.38	0	3,662.05	0	3,298.72	0	2,935.38
1/4		1/4		1/4		1/4	5,087.89	1/4	4,743.31	1/4	4,381.13	1/4	4,017.81	1/4	3,654.48	1/4	3,291.15	1/4	2,927.81
1/2		1/2		1/2		1/2	5,083.41	1/2	4,735.80	1/2	4,373.56	1/2	4,010.24	1/2	3,646.91	1/2	3,283.58	1/2	2,920.23
3/4		3/4		3/4		3/4	5,078.93	3/4	4,728.30	3/4	4,365.99	3/4	4,002.67	3/4	3,639.34	3/4	3,276.02	3/4	2,912.66
1		1		1		1	5,074.44	1	4,720.79	1	4,358.43	1	3,995.10	1	3,631.77	1	3,268.45	1	2,905.09
1/4		1/4		1/4		1/4	5,068.45	1/4	4,713.24	1/4	4,350.86	1/4	3,987.53	1/4	3,624.20	1/4	3,260.88	1/4	2,897.51
1/2		1/2		1/2		1/2	5,062.45	1/2	4,705.69	1/2	4,343.29	1/2	3,979.96	1/2	3,616.63	1/2	3,253.31	1/2	2,889.94
3/4		3/4		3/4		3/4	5,056.45	3/4	4,698.15	3/4	4,335.72	3/4	3,972.39	3/4	3,609.06	3/4	3,245.74	3/4	2,882.37
2		2		2		2	5,050.45	2	4,690.60	2	4,328.15	2	3,964.82	2	3,601.50	2	3,238.17	2	2,874.79
1/4		1/4		1/4		1/4	5,043.13	1/4	4,683.05	1/4	4,320.58	1/4	3,957.25	1/4	3,593.93	1/4	3,230.60	1/4	2,867.22
1/2		1/2		1/2		1/2	5,035.81	1/2	4,675.50	1/2	4,313.01	1/2	3,949.68	1/2	3,586.36	1/2	3,223.03	1/2	2,859.65
3/4		3/4		3/4		3/4	5,028.48	3/4	4,667.96	3/4	4,305.44	3/4	3,942.11	3/4	3,578.79	3/4	3,215.46	3/4	2,852.07
3		3		3		3	5,021.16	3	4,660.41	3	4,297.87	3	3,934.54	3	3,571.22	3	3,207.89	3	2,844.50
1/4		1/4		1/4		1/4	5,013.65	1/4	4,652.86	1/4	4,290.30	1/4	3,926.98	1/4	3,563.65	1/4	3,200.32	1/4	2,836.93
1/2		1/2		1/2		1/2	5,006.13	1/2	4,645.31	1/2	4,282.73	1/2	3,919.41	1/2	3,556.08	1/2	3,192.75	1/2	2,829.35
3/4		3/4		3/4		3/4	4,998.62	3/4	4,637.77	3/4	4,275.16	3/4	3,911.84	3/4	3,548.51	3/4	3,185.18	3/4	2,821.78
4		4		4		4	4,991.11	4	4,630.22	4	4,267.59	4	3,904.27	4	3,540.94	4	3,177.61	4	2,814.21
1/4		1/4		1/4		1/4	4,983.60	1/4	4,622.67	1/4	4,260.02	1/4	3,896.70	1/4	3,533.37	1/4	3,170.05	1/4	2,806.64
1/2		1/2		1/2		1/2	4,976.09	1/2	4,615.12	1/2	4,252.46	1/2	3,889.13	1/2	3,525.80	1/2	3,162.48	1/2	2,799.06
3/4		3/4		3/4		3/4	4,968.58	3/4	4,607.58	3/4	4,244.89	3/4	3,881.56	3/4	3,518.23	3/4	3,154.91	3/4	2,791.49
5		5		5		5	4,961.06	5	4,600.03	5	4,237.32	5	3,873.99	5	3,510.66	5	3,147.34	5	2,783.92
1/4		1/4		1/4		1/4	4,953.55	1/4	4,592.48	1/4	4,229.75	1/4	3,866.42	1/4	3,503.09	1/4	3,139.77	1/4	2,776.34
1/2		1/2		1/2		1/2	4,946.04	1/2	4,584.94	1/2	4,222.18	1/2	3,858.85	1/2	3,495.53	1/2	3,132.20	1/2	2,768.77
3/4		3/4		3/4		3/4	4,938.53	3/4	4,577.39	3/4	4,214.61	3/4	3,851.28	3/4	3,487.96	3/4	3,124.63	3/4	2,761.20
6		6		6		6	4,931.02	6	4,569.84	6	4,207.04	6	3,843.71	6	3,480.39	6	3,117.06	6	2,753.62
1/4		1/4		1/4		1/4	4,923.51	1/4	4,562.29	1/4	4,199.47	1/4	3,836.14	1/4	3,472.82	1/4	3,109.49	1/4	2,746.05
1/2		1/2		1/2		1/2	4,915.99	1/2	4,554.75	1/2	4,191.90	1/2	3,828.57	1/2	3,465.25	1/2	3,101.92	1/2	2,738.48
3/4		3/4		3/4		3/4	4,908.48	3/4	4,547.20	3/4	4,184.33	3/4	3,821.01	3/4	3,457.68	3/4	3,094.35	3/4	2,730.90
7		7		7		7	4,900.97	7	4,539.65	7	4,176.76	7	3,813.44	7	3,450.11	7	3,086.78	7	2,723.33
1/4		1/4		1/4		1/4	4,893.46	1/4	4,532.10	1/4	4,169.19	1/4	3,805.87	1/4	3,442.54	1/4	3,079.21	1/4	2,715.76
1/2		1/2		1/2		1/2	4,885.96	1/2	4,524.56	1/2	4,161.62	1/2	3,798.30	1/2	3,434.97	1/2	3,071.64	1/2	2,708.18
3/4		3/4		3/4		3/4	4,878.45	3/4	4,517.01	3/4	4,154.05	3/4	3,790.73	3/4	3,427.40	3/4	3,064.08	3/4	2,700.61
8		8		8		8	4,870.94	8	4,509.46	8	4,146.49	8	3,783.16	8	3,419.83	8	3,056.51	8	2,693.04
1/4		1/4		1/4		1/4	4,863.43	1/4	4,501.91	1/4	4,138.92	1/4	3,775.59	1/4	3,412.26	1/4	3,048.94	1/4	2,685.46
1/2		1/2		1/2		1/2	4,855.93	1/2	4,494.37	1/2	4,131.35	1/2	3,768.02	1/2	3,404.69	1/2	3,041.37	1/2	2,677.89
3/4		3/4		3/4		3/4	4,848.42	3/4	4,486.82	3/4	4,123.78	3/4	3,760.45	3/4	3,397.12	3/4	3,033.80	3/4	2,670.32
9		9		9		9	4,840.91	9	4,479.27	9	4,116.21	9	3,752.88	9	3,389.56	9	3,026.23	9	2,662.74
1/4		1/4		1/4		1/4	4,833.40	1/4	4,471.72	1/4	4,108.64	1/4	3,745.31	1/4	3,381.99	1/4	3,018.66	1/4	2,655.17
1/2		1/2		1/2		1/2	4,825.89	1/2	4,464.18	1/2	4,101.07	1/2	3,737.74	1/2	3,374.42	1/2	3,011.09	1/2	2,647.60
3/4		3/4		3/4		3/4	4,818.39	3/4	4,456.63	3/4	4,093.50	3/4	3,730.17	3/4	3,366.85	3/4	3,003.52	3/4	2,640.02
10		10		10		10	4,810.88	10	4,449.08	10	4,085.93	10	3,722.60	10	3,359.28	10	2,995.95	10	2,632.45
1/4		1/4		1/4		1/4	4,803.37	1/4	4,441.53	1/4	4,078.36	1/4	3,715.04	1/4	3,351.71	1/4	2,988.38	1/4	2,624.88
1/2		1/2		1/2		1/2	4,795.86	1/2	4,433.99	1/2	4,070.79	1/2	3,707.47	1/2	3,344.14	1/2	2,980.81	1/2	2,617.30
3/4		3/4		3/4		3/4	4,788.36	3/4	4,426.44	3/4	4,063.22	3/4	3,699.90	3/4	3,336.57	3/4	2,973.24	3/4	2,609.73
11		11		11		11	4,780.85	11	4,418.89	11	4,055.65	11	3,692.33	11	3,329.00	11	2,965.67	11	2,602.16
1/4		1/4		1/4		1/4	4,773.34	1/4	4,411.34	1/4	4,048.08	1/4	3,684.76	1/4	3,321.43	1/4	2,958.10	1/4	2,594.58
1/2		1/2		1/2		1/2	4,765.83	1/2	4,403.80	1/2	4,040.51	1/2	3,677.19	1/2	3,313.86	1/2	2,950.53	1/2	2,587.01
3/4		3/4		3/4	5,095.34	3/4	4,758.33	3/4	4,396.25	3/4	4,032.95	3/4	3,669.62	3/4	3,306.29	3/4	2,942.95	3/4	2,579.44

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 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "HTCO 3008"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,571.86	0	2,208.34	0	1,844.83	0	1,481.31	0	1,117.91	0	756.49	0	395.89	0	73.42	0		0	
1/4	2,564.29	1/4	2,200.77	1/4	1,837.25	1/4	1,473.73	1/4	1,110.36	1/4	748.92	1/4	388.71	1/4	67.25	1/4		1/4	
1/2	2,556.72	1/2	2,193.20	1/2	1,829.68	1/2	1,466.16	1/2	1,102.82	1/2	741.35	1/2	381.52	1/2	61.08	1/2		1/2	
3/4	2,549.14	3/4	2,185.62	3/4	1,822.11	3/4	1,458.59	3/4	1,095.28	3/4	733.77	3/4	374.33	3/4	54.91	3/4		3/4	
1	2,541.57	1	2,178.05	1	1,814.53	1	1,451.01	1	1,087.73	1	726.20	1	367.15	1	48.74	1		1	
1/4	2,534.00	1/4	2,170.48	1/4	1,806.96	1/4	1,443.44	1/4	1,080.20	1/4	718.63	1/4	360.05	1/4	43.60	1/4		1/4	
1/2	2,526.42	1/2	2,162.90	1/2	1,799.39	1/2	1,435.87	1/2	1,072.67	1/2	711.05	1/2	352.94	1/2	38.46	1/2		1/2	
3/4	2,518.85	3/4	2,155.33	3/4	1,791.81	3/4	1,428.29	3/4	1,065.14	3/4	703.48	3/4	345.84	3/4	33.32	3/4		3/4	
2	2,511.28	2	2,147.76	2	1,784.24	2	1,420.72	2	1,057.61	2	695.91	2	338.74	2	28.17	2		2	
1/4	2,503.70	1/4	2,140.18	1/4	1,776.67	1/4	1,413.15	1/4	1,050.08	1/4	688.33	1/4	331.73	1/4	25.01	1/4		1/4	
1/2	2,496.13	1/2	2,132.61	1/2	1,769.09	1/2	1,405.57	1/2	1,042.55	1/2	680.76	1/2	324.73	1/2		1/2		1/2	
3/4	2,488.56	3/4	2,125.04	3/4	1,761.52	3/4	1,398.00	3/4	1,035.02	3/4	673.19	3/4	317.72	3/4		3/4		3/4	
3	2,480.98	3	2,117.46	3	1,753.95	3	1,390.43	3	1,027.50	3	665.62	3	310.71	3		3		3	
1/4	2,473.41	1/4	2,109.89	1/4	1,746.37	1/4	1,382.85	1/4	1,019.97	1/4	658.04	1/4	303.79	1/4		1/4		1/4	
1/2	2,465.84	1/2	2,102.32	1/2	1,738.80	1/2	1,375.28	1/2	1,012.45	1/2	650.47	1/2	296.86	1/2		1/2		1/2	
3/4	2,458.26	3/4	2,094.74	3/4	1,731.23	3/4	1,367.71	3/4	1,004.93	3/4	642.90	3/4	289.94	3/4		3/4		3/4	
4	2,450.69	4	2,087.17	4	1,723.65	4	1,360.13	4	997.41	4	635.32	4	283.01	4		4		4	
1/4	2,443.12	1/4	2,079.60	1/4	1,716.08	1/4	1,352.56	1/4	989.88	1/4	627.75	1/4	276.17	1/4		1/4		1/4	
1/2	2,435.54	1/2	2,072.02	1/2	1,708.51	1/2	1,344.99	1/2	982.36	1/2	620.18	1/2	269.33	1/2		1/2		1/2	
3/4	2,427.97	3/4	2,064.45	3/4	1,700.93	3/4	1,337.41	3/4	974.84	3/4	612.60	3/4	262.48	3/4		3/4		3/4	
5	2,420.40	5	2,056.88	5	1,693.36	5	1,329.84	5	967.32	5	605.03	5	255.64	5		5		5	
1/4	2,412.82	1/4	2,049.31	1/4	1,685.79	1/4	1,322.27	1/4	959.80	1/4	597.46	1/4	248.88	1/4		1/4		1/4	
1/2	2,405.25	1/2	2,041.73	1/2	1,678.21	1/2	1,314.69	1/2	952.27	1/2	589.88	1/2	242.12	1/2		1/2		1/2	
3/4	2,397.68	3/4	2,034.16	3/4	1,670.64	3/4	1,307.12	3/4	944.75	3/4	582.31	3/4	235.36	3/4		3/4		3/4	
6	2,390.10	6	2,026.59	6	1,663.07	6	1,299.55	6	937.23	6	574.74	6	228.60	6		6		6	
1/4	2,382.53	1/4	2,019.01	1/4	1,655.49	1/4	1,291.98	1/4	929.71	1/4	567.16	1/4	221.92	1/4		1/4		1/4	
1/2	2,374.96	1/2	2,011.44	1/2	1,647.92	1/2	1,284.40	1/2	922.18	1/2	559.59	1/2	215.24	1/2		1/2		1/2	
3/4	2,367.38	3/4	2,003.87	3/4	1,640.35	3/4	1,276.83	3/4	914.66	3/4	552.02	3/4	208.56	3/4		3/4		3/4	
7	2,359.81	7	1,996.29	7	1,632.77	7	1,269.26	7	907.14	7	544.45	7	201.88	7		7		7	
1/4	2,352.24	1/4	1,988.72	1/4	1,625.20	1/4	1,261.68	1/4	899.62	1/4	536.87	1/4	195.29	1/4		1/4		1/4	
1/2	2,344.66	1/2	1,981.15	1/2	1,617.63	1/2	1,254.11	1/2	892.10	1/2	529.30	1/2	188.69	1/2		1/2		1/2	
3/4	2,337.09	3/4	1,973.57	3/4	1,610.05	3/4	1,246.54	3/4	884.57	3/4	521.73	3/4	182.10	3/4		3/4		3/4	
8	2,329.52	8	1,966.00	8	1,602.48	8	1,238.96	8	877.05	8	514.15	8	175.50	8		8		8	
1/4	2,321.94	1/4	1,958.43	1/4	1,594.91	1/4	1,231.39	1/4	869.53	1/4	506.64	1/4	168.99	1/4		1/4		1/4	
1/2	2,314.37	1/2	1,950.85	1/2	1,587.33	1/2	1,223.82	1/2	862.01	1/2	499.12	1/2	162.48	1/2		1/2		1/2	
3/4	2,306.80	3/4	1,943.28	3/4	1,579.76	3/4	1,216.24	3/4	854.48	3/4	491.61	3/4	155.96	3/4		3/4		3/4	
9	2,299.22	9	1,935.71	9	1,572.19	9	1,208.67	9	846.96	9	484.10	9	149.45	9		9		9	
1/4	2,291.65	1/4	1,928.13	1/4	1,564.61	1/4	1,201.10	1/4	839.44	1/4	476.66	1/4	143.04	1/4		1/4		1/4	
1/2	2,284.08	1/2	1,920.56	1/2	1,557.04	1/2	1,193.52	1/2	831.92	1/2	469.23	1/2	136.62	1/2		1/2		1/2	
3/4	2,276.50	3/4	1,912.99	3/4	1,549.47	3/4	1,185.95	3/4	824.40	3/4	461.80	3/4	130.20	3/4		3/4		3/4	
10	2,268.93	10	1,905.41	10	1,541.89	10	1,178.38	10	816.87	10	454.37	10	123.78	10		10		10	
1/4	2,261.36	1/4	1,897.84	1/4	1,534.32	1/4	1,170.80	1/4	809.35	1/4	447.02	1/4	117.45	1/4		1/4		1/4	
1/2	2,253.78	1/2	1,890.27	1/2	1,526.75	1/2	1,163.23	1/2	801.83	1/2	439.67	1/2	111.11	1/2		1/2		1/2	
3/4	2,246.21	3/4	1,882.69	3/4	1,519.17	3/4	1,155.66	3/4	794.31	3/4	432.31	3/4	104.78	3/4		3/4		3/4	
11	2,238.64	11	1,875.12	11	1,511.60	11	1,148.08	11	786.78	11	424.96	11	98.44	11		11		11	
1/4	2,231.06	1/4	1,867.55	1/4	1,504.03	1/4	1,140.54	1/4	779.21	1/4	417.70	1/4	92.19	1/4		1/4		1/4	
1/2	2,223.49	1/2	1,859.97	1/2	1,496.45	1/2	1,132.99	1/2	771.64	1/2	410.43	1/2	85.93	1/2		1/2		1/2	
3/4	2,215.92	3/4	1,852.40	3/4	1,488.88	3/4	1,125.45	3/4	764.07	3/4	403.16	3/4	79.68	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/10/2014 SW
RECALCULATED: 04/10/2023 CL
REPRINTED: 04/10/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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

BARGE "HTCO 3008"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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		0	4,764.56	0	4,402.74	0	4,039.69	0	3,676.60	0	3,313.50	0	2,950.39
1/4		1/4		1/4		1/4	5,093.86	1/4	4,757.06	1/4	4,395.20	1/4	4,032.13	1/4	3,669.03	1/4	3,305.93	1/4	2,942.83
1/2		1/2		1/2		1/2	5,090.90	1/2	4,749.55	1/2	4,387.66	1/2	4,024.56	1/2	3,661.47	1/2	3,298.37	1/2	2,935.26
3/4		3/4		3/4		3/4	5,086.42	3/4	4,742.05	3/4	4,380.09	3/4	4,017.00	3/4	3,653.90	3/4	3,290.81	3/4	2,927.69
1		1		1		1	5,081.94	1	4,734.55	1	4,372.53	1	4,009.43	1	3,646.34	1	3,283.24	1	2,920.12
1/4		1/4		1/4		1/4	5,077.46	1/4	4,727.04	1/4	4,364.96	1/4	4,001.87	1/4	3,638.77	1/4	3,275.68	1/4	2,912.55
1/2		1/2		1/2		1/2	5,072.98	1/2	4,719.54	1/2	4,357.40	1/2	3,994.30	1/2	3,631.21	1/2	3,268.11	1/2	2,904.98
3/4		3/4		3/4		3/4	5,066.99	3/4	4,712.00	3/4	4,349.84	3/4	3,986.74	3/4	3,623.64	3/4	3,260.55	3/4	2,897.41
2		2		2		2	5,060.99	2	4,704.46	2	4,342.27	2	3,979.18	2	3,616.08	2	3,252.98	2	2,889.85
1/4		1/4		1/4		1/4	5,055.00	1/4	4,696.91	1/4	4,334.71	1/4	3,971.61	1/4	3,608.51	1/4	3,245.42	1/4	2,882.28
1/2		1/2		1/2		1/2	5,049.01	1/2	4,689.37	1/2	4,327.14	1/2	3,964.05	1/2	3,600.95	1/2	3,237.85	1/2	2,874.71
3/4		3/4		3/4		3/4	5,041.69	3/4	4,681.83	3/4	4,319.58	3/4	3,956.48	3/4	3,593.39	3/4	3,230.29	3/4	2,867.14
3		3		3		3	5,034.37	3	4,674.28	3	4,312.01	3	3,948.92	3	3,585.82	3	3,222.73	3	2,859.57
1/4		1/4		1/4		1/4	5,027.05	1/4	4,666.74	1/4	4,304.45	1/4	3,941.35	1/4	3,578.26	1/4	3,215.16	1/4	2,852.00
1/2		1/2		1/2		1/2	5,019.73	1/2	4,659.20	1/2	4,296.88	1/2	3,933.79	1/2	3,570.69	1/2	3,207.60	1/2	2,844.43
3/4		3/4		3/4		3/4	5,012.22	3/4	4,651.66	3/4	4,289.32	3/4	3,926.22	3/4	3,563.13	3/4	3,200.03	3/4	2,836.86
4		4		4		4	5,004.72	4	4,644.11	4	4,281.76	4	3,918.66	4	3,555.56	4	3,192.47	4	2,829.30
1/4		1/4		1/4		1/4	4,997.21	1/4	4,636.57	1/4	4,274.19	1/4	3,911.09	1/4	3,548.00	1/4	3,184.90	1/4	2,821.73
1/2		1/2		1/2		1/2	4,989.70	1/2	4,629.03	1/2	4,266.63	1/2	3,903.53	1/2	3,540.43	1/2	3,177.34	1/2	2,814.16
3/4		3/4		3/4		3/4	4,982.19	3/4	4,621.49	3/4	4,259.06	3/4	3,895.97	3/4	3,532.87	3/4	3,169.77	3/4	2,806.59
5		5		5		5	4,974.69	5	4,613.94	5	4,251.50	5	3,888.40	5	3,525.31	5	3,162.21	5	2,799.02
1/4		1/4		1/4		1/4	4,967.18	1/4	4,606.40	1/4	4,243.93	1/4	3,880.84	1/4	3,517.74	1/4	3,154.64	1/4	2,791.45
1/2		1/2		1/2		1/2	4,959.67	1/2	4,598.86	1/2	4,236.37	1/2	3,873.27	1/2	3,510.18	1/2	3,147.08	1/2	2,783.88
3/4		3/4		3/4		3/4	4,952.17	3/4	4,591.31	3/4	4,228.80	3/4	3,865.71	3/4	3,502.61	3/4	3,139.52	3/4	2,776.31
6		6		6		6	4,944.66	6	4,583.77	6	4,221.24	6	3,858.14	6	3,495.05	6	3,131.95	6	2,768.75
1/4		1/4		1/4		1/4	4,937.15	1/4	4,576.23	1/4	4,213.67	1/4	3,850.58	1/4	3,487.48	1/4	3,124.39	1/4	2,761.18
1/2		1/2		1/2		1/2	4,929.64	1/2	4,568.69	1/2	4,206.11	1/2	3,843.01	1/2	3,479.92	1/2	3,116.82	1/2	2,753.61
3/4		3/4		3/4		3/4	4,922.14	3/4	4,561.14	3/4	4,198.55	3/4	3,835.45	3/4	3,472.35	3/4	3,109.26	3/4	2,746.04
7		7		7		7	4,914.63	7	4,553.60	7	4,190.98	7	3,827.89	7	3,464.79	7	3,101.69	7	2,738.47
1/4		1/4		1/4		1/4	4,907.12	1/4	4,546.06	1/4	4,183.42	1/4	3,820.32	1/4	3,457.22	1/4	3,094.13	1/4	2,730.90
1/2		1/2		1/2		1/2	4,899.62	1/2	4,538.51	1/2	4,175.85	1/2	3,812.76	1/2	3,449.66	1/2	3,086.56	1/2	2,723.33
3/4		3/4		3/4		3/4	4,892.11	3/4	4,530.97	3/4	4,168.29	3/4	3,805.19	3/4	3,442.10	3/4	3,079.00	3/4	2,715.77
8		8		8		8	4,884.61	8	4,523.43	8	4,160.72	8	3,797.63	8	3,434.53	8	3,071.44	8	2,708.20
1/4		1/4		1/4		1/4	4,877.11	1/4	4,515.89	1/4	4,153.16	1/4	3,790.06	1/4	3,426.97	1/4	3,063.87	1/4	2,700.63
1/2		1/2		1/2		1/2	4,869.60	1/2	4,508.34	1/2	4,145.59	1/2	3,782.50	1/2	3,419.40	1/2	3,056.31	1/2	2,693.06
3/4		3/4		3/4		3/4	4,862.10	3/4	4,500.80	3/4	4,138.03	3/4	3,774.93	3/4	3,411.84	3/4	3,048.74	3/4	2,685.49
9		9		9		9	4,854.60	9	4,493.26	9	4,130.47	9	3,767.37	9	3,404.27	9	3,041.18	9	2,677.92
1/4		1/4		1/4		1/4	4,847.09	1/4	4,485.71	1/4	4,122.90	1/4	3,759.80	1/4	3,396.71	1/4	3,033.61	1/4	2,670.35
1/2		1/2		1/2		1/2	4,839.59	1/2	4,478.17	1/2	4,115.34	1/2	3,752.24	1/2	3,389.14	1/2	3,026.05	1/2	2,662.78
3/4		3/4		3/4		3/4	4,832.09	3/4	4,470.63	3/4	4,107.77	3/4	3,744.68	3/4	3,381.58	3/4	3,018.48	3/4	2,655.22
10		10		10		10	4,824.58	10	4,463.09	10	4,100.21	10	3,737.11	10	3,374.02	10	3,010.92	10	2,647.65
1/4		1/4		1/4		1/4	4,817.08	1/4	4,455.54	1/4	4,092.64	1/4	3,729.55	1/4	3,366.45	1/4	3,003.35	1/4	2,640.08
1/2		1/2		1/2		1/2	4,809.58	1/2	4,448.00	1/2	4,085.08	1/2	3,721.98	1/2	3,358.89	1/2	2,995.79	1/2	2,632.51
3/4		3/4		3/4		3/4	4,802.08	3/4	4,440.46	3/4	4,077.51	3/4	3,714.42	3/4	3,351.32	3/4	2,988.23	3/4	2,624.94
11		11		11		11	4,794.57	11	4,432.92	11	4,069.95	11	3,706.85	11	3,343.76	11	2,980.66	11	2,617.37
1/4		1/4		1/4		1/4	4,787.07	1/4	4,425.37	1/4	4,062.38	1/4	3,699.29	1/4	3,336.19	1/4	2,973.10	1/4	2,609.80
1/2		1/2		1/2		1/2	4,779.57	1/2	4,417.83	1/2	4,054.82	1/2	3,691.72	1/2	3,328.63	1/2	2,965.53	1/2	2,602.23
3/4		3/4		3/4		3/4	4,772.06	3/4	4,410.29	3/4	4,047.26	3/4	3,684.16	3/4	3,321.06	3/4	2,957.96	3/4	2,594.67

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 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HTCO 3008"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,587.10	0	2,223.80	0	1,860.50	0	1,497.20	0	1,133.91	0	771.11	0	410.18	0	85.88	0		0	
1/4	2,579.53	1/4	2,216.23	1/4	1,852.93	1/4	1,489.64	1/4	1,126.34	1/4	763.54	1/4	402.92	1/4	79.63	1/4		1/4	
1/2	2,571.96	1/2	2,208.66	1/2	1,845.36	1/2	1,482.07	1/2	1,118.77	1/2	755.97	1/2	395.65	1/2	73.38	1/2		1/2	
3/4	2,564.39	3/4	2,201.09	3/4	1,837.80	3/4	1,474.50	3/4	1,111.20	3/4	748.40	3/4	388.47	3/4	67.21	3/4		3/4	
1	2,556.82	1	2,193.52	1	1,830.23	1	1,466.93	1	1,103.63	1	740.84	1	381.29	1	61.05	1		1	
1/4	2,549.25	1/4	2,185.96	1/4	1,822.66	1/4	1,459.36	1/4	1,096.06	1/4	733.27	1/4	374.11	1/4	54.88	1/4		1/4	
1/2	2,541.69	1/2	2,178.39	1/2	1,815.09	1/2	1,451.79	1/2	1,088.49	1/2	725.70	1/2	366.93	1/2	48.71	1/2		1/2	
3/4	2,534.12	3/4	2,170.82	3/4	1,807.52	3/4	1,444.22	3/4	1,080.93	3/4	718.13	3/4	359.83	3/4	43.57	3/4		3/4	
2	2,526.55	2	2,163.25	2	1,799.95	2	1,436.65	2	1,073.37	2	710.56	2	352.73	2	38.43	2		2	
1/4	2,518.98	1/4	2,155.68	1/4	1,792.38	1/4	1,429.09	1/4	1,065.81	1/4	702.99	1/4	345.63	1/4	33.30	1/4		1/4	
1/2	2,511.41	1/2	2,148.11	1/2	1,784.82	1/2	1,421.52	1/2	1,058.25	1/2	695.43	1/2	338.54	1/2	28.16	1/2		1/2	
3/4	2,503.84	3/4	2,140.54	3/4	1,777.25	3/4	1,413.95	3/4	1,050.69	3/4	687.86	3/4	331.53	3/4	24.99	3/4		3/4	
3	2,496.27	3	2,132.98	3	1,769.68	3	1,406.38	3	1,043.12	3	680.29	3	324.53	3		3		3	
1/4	2,488.70	1/4	2,125.41	1/4	1,762.11	1/4	1,398.81	1/4	1,035.56	1/4	672.72	1/4	317.53	1/4		1/4		1/4	
1/2	2,481.14	1/2	2,117.84	1/2	1,754.54	1/2	1,391.24	1/2	1,028.00	1/2	665.15	1/2	310.53	1/2		1/2		1/2	
3/4	2,473.57	3/4	2,110.27	3/4	1,746.97	3/4	1,383.67	3/4	1,020.45	3/4	657.58	3/4	303.61	3/4		3/4		3/4	
4	2,466.00	4	2,102.70	4	1,739.40	4	1,376.11	4	1,012.89	4	650.02	4	296.69	4		4		4	
1/4	2,458.43	1/4	2,095.13	1/4	1,731.83	1/4	1,368.54	1/4	1,005.34	1/4	642.45	1/4	289.76	1/4		1/4		1/4	
1/2	2,450.86	1/2	2,087.56	1/2	1,724.27	1/2	1,360.97	1/2	997.78	1/2	634.88	1/2	282.84	1/2		1/2		1/2	
3/4	2,443.29	3/4	2,079.99	3/4	1,716.70	3/4	1,353.40	3/4	990.23	3/4	627.31	3/4	276.01	3/4		3/4		3/4	
5	2,435.72	5	2,072.43	5	1,709.13	5	1,345.83	5	982.67	5	619.74	5	269.17	5		5		5	
1/4	2,428.15	1/4	2,064.86	1/4	1,701.56	1/4	1,338.26	1/4	975.12	1/4	612.17	1/4	262.33	1/4		1/4		1/4	
1/2	2,420.59	1/2	2,057.29	1/2	1,693.99	1/2	1,330.69	1/2	967.56	1/2	604.61	1/2	255.49	1/2		1/2		1/2	
3/4	2,413.02	3/4	2,049.72	3/4	1,686.42	3/4	1,323.12	3/4	960.01	3/4	597.04	3/4	248.73	3/4		3/4		3/4	
6	2,405.45	6	2,042.15	6	1,678.85	6	1,315.56	6	952.45	6	589.47	6	241.97	6		6		6	
1/4	2,397.88	1/4	2,034.58	1/4	1,671.28	1/4	1,307.99	1/4	944.90	1/4	581.90	1/4	235.22	1/4		1/4		1/4	
1/2	2,390.31	1/2	2,027.01	1/2	1,663.72	1/2	1,300.42	1/2	937.34	1/2	574.33	1/2	228.46	1/2		1/2		1/2	
3/4	2,382.74	3/4	2,019.44	3/4	1,656.15	3/4	1,292.85	3/4	929.79	3/4	566.77	3/4	221.78	3/4		3/4		3/4	
7	2,375.17	7	2,011.88	7	1,648.58	7	1,285.28	7	922.23	7	559.21	7	215.11	7		7		7	
1/4	2,367.61	1/4	2,004.31	1/4	1,641.01	1/4	1,277.71	1/4	914.68	1/4	551.65	1/4	208.44	1/4		1/4		1/4	
1/2	2,360.04	1/2	1,996.74	1/2	1,633.44	1/2	1,270.14	1/2	907.12	1/2	544.09	1/2	201.76	1/2		1/2		1/2	
3/4	2,352.47	3/4	1,989.17	3/4	1,625.87	3/4	1,262.57	3/4	899.57	3/4	536.53	3/4	195.17	3/4		3/4		3/4	
8	2,344.90	8	1,981.60	8	1,618.30	8	1,255.01	8	892.01	8	528.97	8	188.58	8		8		8	
1/4	2,337.33	1/4	1,974.03	1/4	1,610.74	1/4	1,247.44	1/4	884.46	1/4	521.41	1/4	181.99	1/4		1/4		1/4	
1/2	2,329.76	1/2	1,966.46	1/2	1,603.17	1/2	1,239.87	1/2	876.90	1/2	513.84	1/2	175.40	1/2		1/2		1/2	
3/4	2,322.19	3/4	1,958.90	3/4	1,595.60	3/4	1,232.30	3/4	869.35	3/4	506.33	3/4	168.89	3/4		3/4		3/4	
9	2,314.62	9	1,951.33	9	1,588.03	9	1,224.73	9	861.79	9	498.83	9	162.38	9		9		9	
1/4	2,307.06	1/4	1,943.76	1/4	1,580.46	1/4	1,217.16	1/4	854.24	1/4	491.32	1/4	155.87	1/4		1/4		1/4	
1/2	2,299.49	1/2	1,936.19	1/2	1,572.89	1/2	1,209.59	1/2	846.69	1/2	483.81	1/2	149.36	1/2		1/2		1/2	
3/4	2,291.92	3/4	1,928.62	3/4	1,565.32	3/4	1,202.03	3/4	839.13	3/4	476.38	3/4	142.95	3/4		3/4		3/4	
10	2,284.35	10	1,921.05	10	1,557.75	10	1,194.46	10	831.58	10	468.95	10	136.54	10		10		10	
1/4	2,276.78	1/4	1,913.48	1/4	1,550.19	1/4	1,186.89	1/4	824.02	1/4	461.52	1/4	130.12	1/4		1/4		1/4	
1/2	2,269.21	1/2	1,905.91	1/2	1,542.62	1/2	1,179.32	1/2	816.47	1/2	454.09	1/2	123.71	1/2		1/2		1/2	
3/4	2,261.64	3/4	1,898.35	3/4	1,535.05	3/4	1,171.75	3/4	808.91	3/4	446.75	3/4	117.38	3/4		3/4		3/4	
11	2,254.07	11	1,890.78	11	1,527.48	11	1,164.18	11	801.36	11	439.40	11	111.04	11		11		11	
1/4	2,246.51	1/4	1,883.21	1/4	1,519.91	1/4	1,156.61	1/4	793.80	1/4	432.05	1/4	104.71	1/4		1/4		1/4	
1/2	2,238.94	1/2	1,875.64	1/2	1,512.34	1/2	1,149.04	1/2	786.25	1/2	424.71	1/2	98.38	1/2		1/2		1/2	
3/4	2,231.37	3/4	1,868.07	3/4	1,504.77	3/4	1,141.48	3/4	778.68	3/4	417.44	3/4	92.13	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/10/2014 SW
RECALCULATED: 04/10/2023 CL
REPRINTED: 04/10/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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

BARGE "HTCO 3008"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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		0	4,664.01	0	4,313.36	0	3,961.47	0	3,609.54	0	3,257.60	0	2,905.66
1/4		1/4		1/4		1/4	4,983.10	1/4	4,656.74	1/4	4,306.05	1/4	3,954.14	1/4	3,602.20	1/4	3,250.27	1/4	2,898.32
1/2		1/2		1/2		1/2	4,980.23	1/2	4,649.47	1/2	4,298.74	1/2	3,946.81	1/2	3,594.87	1/2	3,242.94	1/2	2,890.98
3/4		3/4		3/4		3/4	4,975.89	3/4	4,642.20	3/4	4,291.41	3/4	3,939.48	3/4	3,587.54	3/4	3,235.60	3/4	2,883.65
1		1		1		1	4,971.55	1	4,634.93	1	4,284.08	1	3,932.14	1	3,580.21	1	3,228.27	1	2,876.31
1/4		1/4		1/4		1/4	4,967.21	1/4	4,627.66	1/4	4,276.75	1/4	3,924.81	1/4	3,572.88	1/4	3,220.94	1/4	2,868.98
1/2		1/2		1/2		1/2	4,962.87	1/2	4,620.39	1/2	4,269.42	1/2	3,917.48	1/2	3,565.54	1/2	3,213.61	1/2	2,861.64
3/4		3/4		3/4		3/4	4,957.06	3/4	4,613.08	3/4	4,262.08	3/4	3,910.15	3/4	3,558.21	3/4	3,206.28	3/4	2,854.30
2		2		2		2	4,951.26	2	4,605.77	2	4,254.75	2	3,902.82	2	3,550.88	2	3,198.94	2	2,846.97
1/4		1/4		1/4		1/4	4,945.45	1/4	4,598.46	1/4	4,247.42	1/4	3,895.48	1/4	3,543.55	1/4	3,191.61	1/4	2,839.63
1/2		1/2		1/2		1/2	4,939.64	1/2	4,591.15	1/2	4,240.09	1/2	3,888.15	1/2	3,536.22	1/2	3,184.28	1/2	2,832.30
3/4		3/4		3/4		3/4	4,932.55	3/4	4,583.84	3/4	4,232.76	3/4	3,880.82	3/4	3,528.88	3/4	3,176.95	3/4	2,824.96
3		3		3		3	4,925.46	3	4,576.53	3	4,225.42	3	3,873.49	3	3,521.55	3	3,169.62	3	2,817.62
1/4		1/4		1/4		1/4	4,918.36	1/4	4,569.22	1/4	4,218.09	1/4	3,866.16	1/4	3,514.22	1/4	3,162.28	1/4	2,810.29
1/2		1/2		1/2		1/2	4,911.27	1/2	4,561.91	1/2	4,210.76	1/2	3,858.82	1/2	3,506.89	1/2	3,154.95	1/2	2,802.95
3/4		3/4		3/4		3/4	4,904.00	3/4	4,554.60	3/4	4,203.43	3/4	3,851.49	3/4	3,499.56	3/4	3,147.62	3/4	2,795.62
4		4		4		4	4,896.72	4	4,547.29	4	4,196.10	4	3,844.16	4	3,492.22	4	3,140.29	4	2,788.28
1/4		1/4		1/4		1/4	4,889.45	1/4	4,539.98	1/4	4,188.76	1/4	3,836.83	1/4	3,484.89	1/4	3,132.96	1/4	2,780.95
1/2		1/2		1/2		1/2	4,882.17	1/2	4,532.67	1/2	4,181.43	1/2	3,829.50	1/2	3,477.56	1/2	3,125.62	1/2	2,773.61
3/4		3/4		3/4		3/4	4,874.90	3/4	4,525.36	3/4	4,174.10	3/4	3,822.16	3/4	3,470.23	3/4	3,118.29	3/4	2,766.27
5		5		5		5	4,867.62	5	4,518.05	5	4,166.77	5	3,814.83	5	3,462.90	5	3,110.96	5	2,758.94
1/4		1/4		1/4		1/4	4,860.35	1/4	4,510.74	1/4	4,159.44	1/4	3,807.50	1/4	3,455.56	1/4	3,103.63	1/4	2,751.60
1/2		1/2		1/2		1/2	4,853.08	1/2	4,503.43	1/2	4,152.10	1/2	3,800.17	1/2	3,448.23	1/2	3,096.30	1/2	2,744.27
3/4		3/4		3/4		3/4	4,845.80	3/4	4,496.12	3/4	4,144.77	3/4	3,792.84	3/4	3,440.90	3/4	3,088.96	3/4	2,736.93
6		6		6		6	4,838.53	6	4,488.81	6	4,137.44	6	3,785.50	6	3,433.57	6	3,081.63	6	2,729.59
1/4		1/4		1/4		1/4	4,831.25	1/4	4,481.50	1/4	4,130.11	1/4	3,778.17	1/4	3,426.24	1/4	3,074.30	1/4	2,722.26
1/2		1/2		1/2		1/2	4,823.98	1/2	4,474.19	1/2	4,122.78	1/2	3,770.84	1/2	3,418.90	1/2	3,066.97	1/2	2,714.92
3/4		3/4		3/4		3/4	4,816.70	3/4	4,466.88	3/4	4,115.44	3/4	3,763.51	3/4	3,411.57	3/4	3,059.64	3/4	2,707.59
7		7		7		7	4,809.43	7	4,459.57	7	4,108.11	7	3,756.18	7	3,404.24	7	3,052.30	7	2,700.25
1/4		1/4		1/4		1/4	4,802.15	1/4	4,452.26	1/4	4,100.78	1/4	3,748.84	1/4	3,396.91	1/4	3,044.97	1/4	2,692.91
1/2		1/2		1/2		1/2	4,794.88	1/2	4,444.95	1/2	4,093.45	1/2	3,741.51	1/2	3,389.58	1/2	3,037.64	1/2	2,685.58
3/4		3/4		3/4		3/4	4,787.61	3/4	4,437.64	3/4	4,086.12	3/4	3,734.18	3/4	3,382.24	3/4	3,030.31	3/4	2,678.24
8		8		8		8	4,780.34	8	4,430.33	8	4,078.78	8	3,726.85	8	3,374.91	8	3,022.98	8	2,670.91
1/4		1/4		1/4		1/4	4,773.07	1/4	4,423.02	1/4	4,071.45	1/4	3,719.52	1/4	3,367.58	1/4	3,015.64	1/4	2,663.57
1/2		1/2		1/2		1/2	4,765.80	1/2	4,415.71	1/2	4,064.12	1/2	3,712.18	1/2	3,360.25	1/2	3,008.31	1/2	2,656.24
3/4		3/4		3/4		3/4	4,758.53	3/4	4,408.40	3/4	4,056.79	3/4	3,704.85	3/4	3,352.92	3/4	3,000.98	3/4	2,648.90
9		9		9		9	4,751.26	9	4,401.08	9	4,049.46	9	3,697.52	9	3,345.58	9	2,993.65	9	2,641.56
1/4		1/4		1/4		1/4	4,743.99	1/4	4,393.77	1/4	4,042.12	1/4	3,690.19	1/4	3,338.25	1/4	2,986.32	1/4	2,634.23
1/2		1/2		1/2		1/2	4,736.72	1/2	4,386.46	1/2	4,034.79	1/2	3,682.86	1/2	3,330.92	1/2	2,978.98	1/2	2,626.89
3/4		3/4		3/4		3/4	4,729.45	3/4	4,379.15	3/4	4,027.46	3/4	3,675.52	3/4	3,323.59	3/4	2,971.65	3/4	2,619.56
10		10		10		10	4,722.17	10	4,371.84	10	4,020.13	10	3,668.19	10	3,316.26	10	2,964.32	10	2,612.22
1/4		1/4		1/4		1/4	4,714.90	1/4	4,364.53	1/4	4,012.80	1/4	3,660.86	1/4	3,308.92	1/4	2,956.99	1/4	2,604.88
1/2		1/2		1/2		1/2	4,707.63	1/2	4,357.22	1/2	4,005.46	1/2	3,653.53	1/2	3,301.59	1/2	2,949.66	1/2	2,597.55
3/4		3/4		3/4		3/4	4,700.36	3/4	4,349.91	3/4	3,998.13	3/4	3,646.20	3/4	3,294.26	3/4	2,942.32	3/4	2,590.21
11		11		11		11	4,693.09	11	4,342.60	11	3,990.80	11	3,638.86	11	3,286.93	11	2,934.99	11	2,582.88
1/4		1/4		1/4		1/4	4,685.82	1/4	4,335.29	1/4	3,983.47	1/4	3,631.53	1/4	3,279.60	1/4	2,927.66	1/4	2,575.54
1/2		1/2		1/2		1/2	4,678.55	1/2	4,327.98	1/2	3,976.14	1/2	3,624.20	1/2	3,272.26	1/2	2,920.33	1/2	2,568.20
3/4		3/4		3/4		3/4	4,671.28	3/4	4,320.67	3/4	3,968.80	3/4	3,616.87	3/4	3,264.93	3/4	2,912.99	3/4	2,560.87

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'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3008"

2 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,553.53	0	2,201.41	0	1,849.29	0	1,497.16	0	1,145.61	0	807.29	0	455.18	0	103.07	0		0	
1/4	2,546.20	1/4	2,194.07	1/4	1,841.95	1/4	1,489.83	1/4	1,138.55	1/4	799.96	1/4	447.84	1/4	95.73	1/4		1/4	
1/2	2,538.86	1/2	2,186.74	1/2	1,834.61	1/2	1,482.49	1/2	1,131.50	1/2	792.62	1/2	440.51	1/2	88.39	1/2		1/2	
3/4	2,531.52	3/4	2,179.40	3/4	1,827.28	3/4	1,475.16	3/4	1,124.45	3/4	785.29	3/4	433.17	3/4	81.06	3/4		3/4	
1	2,524.19	1	2,172.07	1	1,819.94	1	1,467.82	1	1,117.39	1	777.95	1	425.84	1	73.72	1		1	
1/4	2,516.85	1/4	2,164.73	1/4	1,812.61	1/4	1,460.48	1/4	1,110.34	1/4	770.61	1/4	418.50	1/4	66.39	1/4		1/4	
1/2	2,509.52	1/2	2,157.39	1/2	1,805.27	1/2	1,453.15	1/2	1,103.29	1/2	763.28	1/2	411.17	1/2	59.05	1/2		1/2	
3/4	2,502.18	3/4	2,150.06	3/4	1,797.93	3/4	1,445.81	3/4	1,096.25	3/4	755.94	3/4	403.83	3/4	52.63	3/4		3/4	
2	2,494.85	2	2,142.72	2	1,790.60	2	1,438.48	2	1,089.21	2	748.61	2	396.49	2	46.21	2		2	
1/4	2,487.51	1/4	2,135.39	1/4	1,783.26	1/4	1,431.14	1/4	1,082.17	1/4	741.27	1/4	389.16	1/4	39.80	1/4		1/4	
1/2	2,480.17	1/2	2,128.05	1/2	1,775.93	1/2	1,423.80	1/2	1,075.13	1/2	733.94	1/2	381.82	1/2	33.38	1/2		1/2	
3/4	2,472.84	3/4	2,120.71	3/4	1,768.59	3/4	1,416.47	3/4	1,068.09	3/4	726.60	3/4	374.49	3/4	28.79	3/4		3/4	
3	2,465.50	3	2,113.38	3	1,761.26	3	1,409.13	3	1,061.05	3	719.26	3	367.15	3		3		3	
1/4	2,458.17	1/4	2,106.04	1/4	1,753.92	1/4	1,401.80	1/4	1,054.01	1/4	711.93	1/4	359.82	1/4		1/4		1/4	
1/2	2,450.83	1/2	2,098.71	1/2	1,746.58	1/2	1,394.46	1/2	1,046.98	1/2	704.59	1/2	352.48	1/2		1/2		1/2	
3/4	2,443.49	3/4	2,091.37	3/4	1,739.25	3/4	1,387.12	3/4	1,039.94	3/4	697.26	3/4	345.14	3/4		3/4		3/4	
4	2,436.16	4	2,084.03	4	1,731.91	4	1,379.79	4	1,032.91	4	689.92	4	337.81	4		4		4	
1/4	2,428.82	1/4	2,076.70	1/4	1,724.58	1/4	1,372.45	1/4	1,025.88	1/4	682.59	1/4	330.47	1/4		1/4		1/4	
1/2	2,421.49	1/2	2,069.36	1/2	1,717.24	1/2	1,365.12	1/2	1,018.85	1/2	675.25	1/2	323.14	1/2		1/2		1/2	
3/4	2,414.15	3/4	2,062.03	3/4	1,709.90	3/4	1,357.78	3/4	1,011.82	3/4	667.91	3/4	315.80	3/4		3/4		3/4	
5	2,406.81	5	2,054.69	5	1,702.57	5	1,350.44	5	1,004.79	5	660.58	5	308.47	5		5		5	
1/4	2,399.48	1/4	2,047.36	1/4	1,695.23	1/4	1,343.11	1/4	997.75	1/4	653.24	1/4	301.13	1/4		1/4		1/4	
1/2	2,392.14	1/2	2,040.02	1/2	1,687.90	1/2	1,335.77	1/2	990.72	1/2	645.91	1/2	293.79	1/2		1/2		1/2	
3/4	2,384.81	3/4	2,032.68	3/4	1,680.56	3/4	1,328.44	3/4	983.69	3/4	638.57	3/4	286.46	3/4		3/4		3/4	
6	2,377.47	6	2,025.35	6	1,673.22	6	1,321.10	6	976.66	6	631.24	6	279.12	6		6		6	
1/4	2,370.14	1/4	2,018.01	1/4	1,665.89	1/4	1,313.77	1/4	969.63	1/4	623.90	1/4	271.79	1/4		1/4		1/4	
1/2	2,362.80	1/2	2,010.68	1/2	1,658.55	1/2	1,306.43	1/2	962.60	1/2	616.56	1/2	264.45	1/2		1/2		1/2	
3/4	2,355.46	3/4	2,003.34	3/4	1,651.22	3/4	1,299.09	3/4	955.56	3/4	609.23	3/4	257.12	3/4		3/4		3/4	
7	2,348.13	7	1,996.00	7	1,643.88	7	1,291.76	7	948.53	7	601.89	7	249.78	7		7		7	
1/4	2,340.79	1/4	1,988.67	1/4	1,636.55	1/4	1,284.42	1/4	941.50	1/4	594.56	1/4	242.44	1/4		1/4		1/4	
1/2	2,333.46	1/2	1,981.33	1/2	1,629.21	1/2	1,277.09	1/2	934.47	1/2	587.22	1/2	235.11	1/2		1/2		1/2	
3/4	2,326.12	3/4	1,974.00	3/4	1,621.87	3/4	1,269.75	3/4	927.44	3/4	579.89	3/4	227.77	3/4		3/4		3/4	
8	2,318.78	8	1,966.66	8	1,614.54	8	1,262.41	8	920.41	8	572.55	8	220.44	8		8		8	
1/4	2,311.45	1/4	1,959.32	1/4	1,607.20	1/4	1,255.08	1/4	913.38	1/4	565.21	1/4	213.10	1/4		1/4		1/4	
1/2	2,304.11	1/2	1,951.99	1/2	1,599.87	1/2	1,247.74	1/2	906.34	1/2	557.88	1/2	205.77	1/2		1/2		1/2	
3/4	2,296.78	3/4	1,944.65	3/4	1,592.53	3/4	1,240.41	3/4	899.31	3/4	550.54	3/4	198.43	3/4		3/4		3/4	
9	2,289.44	9	1,937.32	9	1,585.19	9	1,233.07	9	892.28	9	543.21	9	191.09	9		9		9	
1/4	2,282.10	1/4	1,929.98	1/4	1,577.86	1/4	1,225.73	1/4	885.25	1/4	535.87	1/4	183.76	1/4		1/4		1/4	
1/2	2,274.77	1/2	1,922.65	1/2	1,570.52	1/2	1,218.40	1/2	878.22	1/2	528.54	1/2	176.42	1/2		1/2		1/2	
3/4	2,267.43	3/4	1,915.31	3/4	1,563.19	3/4	1,211.06	3/4	871.19	3/4	521.20	3/4	169.09	3/4		3/4		3/4	
10	2,260.10	10	1,907.97	10	1,555.85	10	1,203.73	10	864.15	10	513.86	10	161.75	10		10		10	
1/4	2,252.76	1/4	1,900.64	1/4	1,548.51	1/4	1,196.39	1/4	857.12	1/4	506.53	1/4	154.42	1/4		1/4		1/4	
1/2	2,245.42	1/2	1,893.30	1/2	1,541.18	1/2	1,189.06	1/2	850.09	1/2	499.19	1/2	147.08	1/2		1/2		1/2	
3/4	2,238.09	3/4	1,885.97	3/4	1,533.84	3/4	1,181.72	3/4	843.06	3/4	491.86	3/4	139.74	3/4		3/4		3/4	
11	2,230.75	11	1,878.63	11	1,526.51	11	1,174.38	11	836.03	11	484.52	11	132.41	11		11		11	
1/4	2,223.42	1/4	1,871.29	1/4	1,519.17	1/4	1,167.05	1/4	829.00	1/4	477.19	1/4	125.07	1/4		1/4		1/4	
1/2	2,216.08	1/2	1,863.96	1/2	1,511.83	1/2	1,159.71	1/2	821.96	1/2	469.85	1/2	117.74	1/2		1/2		1/2	
3/4	2,208.75	3/4	1,856.62	3/4	1,504.50	3/4	1,152.66	3/4	814.63	3/4	462.52	3/4	110.40	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/10/2014 SW
RECALCULATED: 04/10/2023 CL
REPRINTED: 04/10/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

PRECISION MEASUREMENT
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BARGE "HTCO 3008"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,000.11	0	4,673.54	0	4,322.63	0	3,970.51	0	3,618.36	0	3,266.21	0	2,914.06
1/4		1/4		1/4		1/4	4,997.23	1/4	4,666.27	1/4	4,315.32	1/4	3,963.17	1/4	3,611.03	1/4	3,258.88	1/4	2,906.71
1/2		1/2		1/2		1/2	4,992.89	1/2	4,658.99	1/2	4,307.98	1/2	3,955.84	1/2	3,603.69	1/2	3,251.54	1/2	2,899.37
3/4		3/4		3/4		3/4	4,988.55	3/4	4,651.72	3/4	4,300.65	3/4	3,948.50	3/4	3,596.35	3/4	3,244.21	3/4	2,892.03
1		1		1		1	4,984.20	1	4,644.44	1	4,293.31	1	3,941.16	1	3,589.02	1	3,236.87	1	2,884.69
1/4		1/4		1/4		1/4	4,979.86	1/4	4,637.17	1/4	4,285.97	1/4	3,933.83	1/4	3,581.68	1/4	3,229.53	1/4	2,877.35
1/2		1/2		1/2		1/2	4,974.05	1/2	4,629.85	1/2	4,278.64	1/2	3,926.49	1/2	3,574.34	1/2	3,222.20	1/2	2,870.01
3/4		3/4		3/4		3/4	4,968.24	3/4	4,622.54	3/4	4,271.30	3/4	3,919.15	3/4	3,567.01	3/4	3,214.86	3/4	2,862.67
2		2		2		2	4,962.43	2	4,615.22	2	4,263.97	2	3,911.82	2	3,559.67	2	3,207.52	2	2,855.33
1/4		1/4		1/4		1/4	4,956.62	1/4	4,607.91	1/4	4,256.63	1/4	3,904.48	1/4	3,552.33	1/4	3,200.19	1/4	2,847.99
1/2		1/2		1/2		1/2	4,949.52	1/2	4,600.59	1/2	4,249.29	1/2	3,897.15	1/2	3,545.00	1/2	3,192.85	1/2	2,840.65
3/4		3/4		3/4		3/4	4,942.42	3/4	4,593.28	3/4	4,241.96	3/4	3,889.81	3/4	3,537.66	3/4	3,185.51	3/4	2,833.31
3		3		3		3	4,935.32	3	4,585.96	3	4,234.62	3	3,882.47	3	3,530.33	3	3,178.18	3	2,825.97
1/4		1/4		1/4		1/4	4,928.23	1/4	4,578.65	1/4	4,227.28	1/4	3,875.14	1/4	3,522.99	1/4	3,170.84	1/4	2,818.63
1/2		1/2		1/2		1/2	4,920.95	1/2	4,571.33	1/2	4,219.95	1/2	3,867.80	1/2	3,515.65	1/2	3,163.51	1/2	2,811.29
3/4		3/4		3/4		3/4	4,913.67	3/4	4,564.02	3/4	4,212.61	3/4	3,860.46	3/4	3,508.32	3/4	3,156.17	3/4	2,803.95
4		4		4		4	4,906.39	4	4,556.71	4	4,205.27	4	3,853.13	4	3,500.98	4	3,148.83	4	2,796.61
1/4		1/4		1/4		1/4	4,899.11	1/4	4,549.39	1/4	4,197.94	1/4	3,845.79	1/4	3,493.64	1/4	3,141.50	1/4	2,789.27
1/2		1/2		1/2		1/2	4,891.83	1/2	4,542.08	1/2	4,190.60	1/2	3,838.45	1/2	3,486.31	1/2	3,134.16	1/2	2,781.93
3/4		3/4		3/4		3/4	4,884.55	3/4	4,534.76	3/4	4,183.26	3/4	3,831.12	3/4	3,478.97	3/4	3,126.82	3/4	2,774.59
5		5		5		5	4,877.28	5	4,527.45	5	4,175.93	5	3,823.78	5	3,471.63	5	3,119.49	5	2,767.25
1/4		1/4		1/4		1/4	4,870.00	1/4	4,520.13	1/4	4,168.59	1/4	3,816.44	1/4	3,464.30	1/4	3,112.15	1/4	2,759.90
1/2		1/2		1/2		1/2	4,862.72	1/2	4,512.82	1/2	4,161.26	1/2	3,809.11	1/2	3,456.96	1/2	3,104.81	1/2	2,752.56
3/4		3/4		3/4		3/4	4,855.44	3/4	4,505.50	3/4	4,153.92	3/4	3,801.77	3/4	3,449.62	3/4	3,097.48	3/4	2,745.22
6		6		6		6	4,848.16	6	4,498.19	6	4,146.58	6	3,794.44	6	3,442.29	6	3,090.14	6	2,737.88
1/4		1/4		1/4		1/4	4,840.88	1/4	4,490.87	1/4	4,139.25	1/4	3,787.10	1/4	3,434.95	1/4	3,082.80	1/4	2,730.54
1/2		1/2		1/2		1/2	4,833.60	1/2	4,483.56	1/2	4,131.91	1/2	3,779.76	1/2	3,427.62	1/2	3,075.47	1/2	2,723.20
3/4		3/4		3/4		3/4	4,826.32	3/4	4,476.24	3/4	4,124.57	3/4	3,772.43	3/4	3,420.28	3/4	3,068.13	3/4	2,715.86
7		7		7		7	4,819.05	7	4,468.93	7	4,117.24	7	3,765.09	7	3,412.94	7	3,060.80	7	2,708.52
1/4		1/4		1/4		1/4	4,811.77	1/4	4,461.61	1/4	4,109.90	1/4	3,757.75	1/4	3,405.61	1/4	3,053.46	1/4	2,701.18
1/2		1/2		1/2		1/2	4,804.49	1/2	4,454.30	1/2	4,102.56	1/2	3,750.42	1/2	3,398.27	1/2	3,046.12	1/2	2,693.84
3/4		3/4		3/4		3/4	4,797.22	3/4	4,446.98	3/4	4,095.23	3/4	3,743.08	3/4	3,390.93	3/4	3,038.79	3/4	2,686.50
8		8		8		8	4,789.94	8	4,439.67	8	4,087.89	8	3,735.74	8	3,383.60	8	3,031.45	8	2,679.16
1/4		1/4		1/4		1/4	4,782.67	1/4	4,432.36	1/4	4,080.56	1/4	3,728.41	1/4	3,376.26	1/4	3,024.11	1/4	2,671.82
1/2		1/2		1/2		1/2	4,775.39	1/2	4,425.04	1/2	4,073.22	1/2	3,721.07	1/2	3,368.92	1/2	3,016.78	1/2	2,664.48
3/4		3/4		3/4		3/4	4,768.12	3/4	4,417.73	3/4	4,065.88	3/4	3,713.74	3/4	3,361.59	3/4	3,009.44	3/4	2,657.14
9		9		9		9	4,760.84	9	4,410.41	9	4,058.55	9	3,706.40	9	3,354.25	9	3,002.10	9	2,649.80
1/4		1/4		1/4		1/4	4,753.57	1/4	4,403.10	1/4	4,051.21	1/4	3,699.06	1/4	3,346.92	1/4	2,994.77	1/4	2,642.46
1/2		1/2		1/2		1/2	4,746.29	1/2	4,395.78	1/2	4,043.87	1/2	3,691.73	1/2	3,339.58	1/2	2,987.43	1/2	2,635.12
3/4		3/4		3/4		3/4	4,739.02	3/4	4,388.47	3/4	4,036.54	3/4	3,684.39	3/4	3,332.24	3/4	2,980.10	3/4	2,627.78
10		10		10		10	4,731.74	10	4,381.15	10	4,029.20	10	3,677.05	10	3,324.91	10	2,972.76	10	2,620.44
1/4		1/4		1/4		1/4	4,724.47	1/4	4,373.84	1/4	4,021.86	1/4	3,669.72	1/4	3,317.57	1/4	2,965.42	1/4	2,613.09
1/2		1/2		1/2		1/2	4,717.19	1/2	4,366.52	1/2	4,014.53	1/2	3,662.38	1/2	3,310.23	1/2	2,958.09	1/2	2,605.75
3/4		3/4		3/4		3/4	4,709.92	3/4	4,359.21	3/4	4,007.19	3/4	3,655.04	3/4	3,302.90	3/4	2,950.75	3/4	2,598.41
11		11		11		11	4,702.64	11	4,351.89	11	3,999.85	11	3,647.71	11	3,295.56	11	2,943.41	11	2,591.07
1/4		1/4		1/4		1/4	4,695.37	1/4	4,344.58	1/4	3,992.52	1/4	3,640.37	1/4	3,288.22	1/4	2,936.08	1/4	2,583.73
1/2		1/2		1/2		1/2	4,688.09	1/2	4,337.26	1/2	3,985.18	1/2	3,633.03	1/2	3,280.89	1/2	2,928.74	1/2	2,576.39
3/4		3/4		3/4		3/4	4,680.82	3/4	4,329.95	3/4	3,977.85	3/4	3,625.70	3/4	3,273.55	3/4	2,921.40	3/4	2,569.05

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'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3008"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,561.71	0	2,209.37	0	1,857.02	0	1,504.68	0	1,152.34	0	800.46	0	448.12	0	95.79	0		0	
1/4	2,554.37	1/4	2,202.03	1/4	1,849.68	1/4	1,497.34	1/4	1,144.99	1/4	793.12	1/4	440.78	1/4	88.45	1/4		1/4	
1/2	2,547.03	1/2	2,194.69	1/2	1,842.34	1/2	1,490.00	1/2	1,137.65	1/2	785.78	1/2	433.44	1/2	81.11	1/2		1/2	
3/4	2,539.69	3/4	2,187.35	3/4	1,835.00	3/4	1,482.66	3/4	1,130.31	3/4	778.44	3/4	426.10	3/4	73.77	3/4		3/4	
1	2,532.35	1	2,180.01	1	1,827.66	1	1,475.32	1	1,122.97	1	771.10	1	418.76	1	66.43	1		1	
1/4	2,525.01	1/4	2,172.66	1/4	1,820.32	1/4	1,467.98	1/4	1,115.63	1/4	763.76	1/4	411.42	1/4	59.09	1/4		1/4	
1/2	2,517.67	1/2	2,165.32	1/2	1,812.98	1/2	1,460.64	1/2	1,108.30	1/2	756.42	1/2	404.08	1/2	52.67	1/2		1/2	
3/4	2,510.33	3/4	2,157.98	3/4	1,805.64	3/4	1,453.30	3/4	1,100.96	3/4	749.08	3/4	396.74	3/4	46.24	3/4		3/4	
2	2,502.99	2	2,150.64	2	1,798.30	2	1,445.96	2	1,093.63	2	741.74	2	389.40	2	39.82	2		2	
1/4	2,495.65	1/4	2,143.30	1/4	1,790.96	1/4	1,438.61	1/4	1,086.29	1/4	734.40	1/4	382.06	1/4	33.40	1/4		1/4	
1/2	2,488.31	1/2	2,135.96	1/2	1,783.62	1/2	1,431.27	1/2	1,078.96	1/2	727.06	1/2	374.72	1/2	28.81	1/2		1/2	
3/4	2,480.97	3/4	2,128.62	3/4	1,776.28	3/4	1,423.93	3/4	1,071.63	3/4	719.72	3/4	367.38	3/4		3/4		3/4	
3	2,473.63	3	2,121.28	3	1,768.94	3	1,416.59	3	1,064.29	3	712.37	3	360.04	3		3		3	
1/4	2,466.28	1/4	2,113.94	1/4	1,761.60	1/4	1,409.25	1/4	1,056.96	1/4	705.03	1/4	352.70	1/4		1/4		1/4	
1/2	2,458.94	1/2	2,106.60	1/2	1,754.26	1/2	1,401.91	1/2	1,049.63	1/2	697.69	1/2	345.36	1/2		1/2		1/2	
3/4	2,451.60	3/4	2,099.26	3/4	1,746.92	3/4	1,394.57	3/4	1,042.30	3/4	690.35	3/4	338.02	3/4		3/4		3/4	
4	2,444.26	4	2,091.92	4	1,739.58	4	1,387.23	4	1,034.97	4	683.01	4	330.68	4		4		4	
1/4	2,436.92	1/4	2,084.58	1/4	1,732.23	1/4	1,379.89	1/4	1,027.65	1/4	675.67	1/4	323.34	1/4		1/4		1/4	
1/2	2,429.58	1/2	2,077.24	1/2	1,724.89	1/2	1,372.55	1/2	1,020.32	1/2	668.33	1/2	316.00	1/2		1/2		1/2	
3/4	2,422.24	3/4	2,069.90	3/4	1,717.55	3/4	1,365.21	3/4	1,012.99	3/4	660.99	3/4	308.66	3/4		3/4		3/4	
5	2,414.90	5	2,062.56	5	1,710.21	5	1,357.87	5	1,005.66	5	653.65	5	301.32	5		5		5	
1/4	2,407.56	1/4	2,055.22	1/4	1,702.87	1/4	1,350.53	1/4	998.34	1/4	646.31	1/4	293.98	1/4		1/4		1/4	
1/2	2,400.22	1/2	2,047.88	1/2	1,695.53	1/2	1,343.19	1/2	991.01	1/2	638.97	1/2	286.64	1/2		1/2		1/2	
3/4	2,392.88	3/4	2,040.54	3/4	1,688.19	3/4	1,335.85	3/4	983.68	3/4	631.63	3/4	279.30	3/4		3/4		3/4	
6	2,385.54	6	2,033.20	6	1,680.85	6	1,328.51	6	976.35	6	624.29	6	271.96	6		6		6	
1/4	2,378.20	1/4	2,025.85	1/4	1,673.51	1/4	1,321.17	1/4	969.03	1/4	616.95	1/4	264.62	1/4		1/4		1/4	
1/2	2,370.86	1/2	2,018.51	1/2	1,666.17	1/2	1,313.83	1/2	961.70	1/2	609.61	1/2	257.28	1/2		1/2		1/2	
3/4	2,363.52	3/4	2,011.17	3/4	1,658.83	3/4	1,306.49	3/4	954.37	3/4	602.27	3/4	249.94	3/4		3/4		3/4	
7	2,356.18	7	2,003.83	7	1,651.49	7	1,299.15	7	947.05	7	594.93	7	242.60	7		7		7	
1/4	2,348.84	1/4	1,996.49	1/4	1,644.15	1/4	1,291.80	1/4	939.72	1/4	587.59	1/4	235.26	1/4		1/4		1/4	
1/2	2,341.50	1/2	1,989.15	1/2	1,636.81	1/2	1,284.46	1/2	932.39	1/2	580.25	1/2	227.91	1/2		1/2		1/2	
3/4	2,334.16	3/4	1,981.81	3/4	1,629.47	3/4	1,277.12	3/4	925.06	3/4	572.91	3/4	220.57	3/4		3/4		3/4	
8	2,326.82	8	1,974.47	8	1,622.13	8	1,269.78	8	917.74	8	565.57	8	213.23	8		8		8	
1/4	2,319.47	1/4	1,967.13	1/4	1,614.79	1/4	1,262.44	1/4	910.41	1/4	558.23	1/4	205.89	1/4		1/4		1/4	
1/2	2,312.13	1/2	1,959.79	1/2	1,607.45	1/2	1,255.10	1/2	903.08	1/2	550.89	1/2	198.55	1/2		1/2		1/2	
3/4	2,304.79	3/4	1,952.45	3/4	1,600.11	3/4	1,247.76	3/4	895.75	3/4	543.55	3/4	191.21	3/4		3/4		3/4	
9	2,297.45	9	1,945.11	9	1,592.77	9	1,240.42	9	888.43	9	536.21	9	183.87	9		9		9	
1/4	2,290.11	1/4	1,937.77	1/4	1,585.42	1/4	1,233.08	1/4	881.10	1/4	528.87	1/4	176.53	1/4		1/4		1/4	
1/2	2,282.77	1/2	1,930.43	1/2	1,578.08	1/2	1,225.74	1/2	873.77	1/2	521.53	1/2	169.19	1/2		1/2		1/2	
3/4	2,275.43	3/4	1,923.09	3/4	1,570.74	3/4	1,218.40	3/4	866.44	3/4	514.19	3/4	161.85	3/4		3/4		3/4	
10	2,268.09	10	1,915.75	10	1,563.40	10	1,211.06	10	859.12	10	506.85	10	154.51	10		10		10	
1/4	2,260.75	1/4	1,908.41	1/4	1,556.06	1/4	1,203.72	1/4	851.79	1/4	499.51	1/4	147.17	1/4		1/4		1/4	
1/2	2,253.41	1/2	1,901.07	1/2	1,548.72	1/2	1,196.38	1/2	844.46	1/2	492.17	1/2	139.83	1/2		1/2		1/2	
3/4	2,246.07	3/4	1,893.73	3/4	1,541.38	3/4	1,189.04	3/4	837.13	3/4	484.83	3/4	132.49	3/4		3/4		3/4	
11	2,238.73	11	1,886.39	11	1,534.04	11	1,181.70	11	829.81	11	477.49	11	125.15	11		11		11	
1/4	2,231.39	1/4	1,879.04	1/4	1,526.70	1/4	1,174.36	1/4	822.48	1/4	470.14	1/4	117.81	1/4		1/4		1/4	
1/2	2,224.05	1/2	1,871.70	1/2	1,519.36	1/2	1,167.02	1/2	815.14	1/2	462.80	1/2	110.47	1/2		1/2		1/2	
3/4	2,216.71	3/4	1,864.36	3/4	1,512.02	3/4	1,159.68	3/4	807.80	3/4	455.46	3/4	103.13	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/10/2014 SW
RECALCULATED: 04/10/2023 CL
REPRINTED: 04/10/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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http://www.pmacorp.net

BARGE "HTCO 3008"

3 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	4,580.51	0	4,350.41	0	4,102.93	0	3,854.63	0	3,606.32	0	3,310.83	0	2,952.66
1/4		1/4		1/4		1/4	4,577.56	1/4	4,345.27	1/4	4,097.78	1/4	3,849.46	1/4	3,601.15	1/4	3,303.39	1/4	2,945.20
1/2		1/2		1/2		1/2	4,574.26	1/2	4,340.14	1/2	4,092.60	1/2	3,844.29	1/2	3,595.97	1/2	3,295.94	1/2	2,937.73
3/4		3/4		3/4		3/4	4,570.97	3/4	4,335.01	3/4	4,087.43	3/4	3,839.12	3/4	3,590.80	3/4	3,288.50	3/4	2,930.26
1		1		1		1	4,567.67	1	4,329.88	1	4,082.26	1	3,833.94	1	3,585.63	1	3,281.06	1	2,922.80
1/4		1/4		1/4		1/4	4,564.38	1/4	4,324.75	1/4	4,077.08	1/4	3,828.77	1/4	3,580.46	1/4	3,273.61	1/4	2,915.33
1/2		1/2		1/2		1/2	4,560.75	1/2	4,319.59	1/2	4,071.91	1/2	3,823.60	1/2	3,575.28	1/2	3,266.15	1/2	2,907.87
3/4		3/4		3/4		3/4	4,557.11	3/4	4,314.43	3/4	4,066.74	3/4	3,818.42	3/4	3,570.11	3/4	3,258.69	3/4	2,900.40
2		2		2		2	4,553.47	2	4,309.27	2	4,061.56	2	3,813.25	2	3,564.94	2	3,251.22	2	2,892.93
1/4		1/4		1/4		1/4	4,549.84	1/4	4,304.12	1/4	4,056.39	1/4	3,808.08	1/4	3,559.76	1/4	3,243.76	1/4	2,885.47
1/2		1/2		1/2		1/2	4,544.89	1/2	4,298.96	1/2	4,051.22	1/2	3,802.90	1/2	3,554.59	1/2	3,236.30	1/2	2,878.00
3/4		3/4		3/4		3/4	4,539.94	3/4	4,293.80	3/4	4,046.04	3/4	3,797.73	3/4	3,549.42	3/4	3,228.83	3/4	2,870.53
3		3		3		3	4,534.99	3	4,288.64	3	4,040.87	3	3,792.56	3	3,544.24	3	3,221.37	3	2,863.07
1/4		1/4		1/4		1/4	4,530.04	1/4	4,283.48	1/4	4,035.70	1/4	3,787.38	1/4	3,539.07	1/4	3,213.90	1/4	2,855.60
1/2		1/2		1/2		1/2	4,524.91	1/2	4,278.32	1/2	4,030.52	1/2	3,782.21	1/2	3,533.93	1/2	3,206.44	1/2	2,848.13
3/4		3/4		3/4		3/4	4,519.77	3/4	4,273.16	3/4	4,025.35	3/4	3,777.04	3/4	3,528.78	3/4	3,198.98	3/4	2,840.67
4		4		4		4	4,514.64	4	4,268.01	4	4,020.18	4	3,771.86	4	3,523.64	4	3,191.51	4	2,833.20
1/4		1/4		1/4		1/4	4,509.51	1/4	4,262.85	1/4	4,015.00	1/4	3,766.69	1/4	3,518.50	1/4	3,184.05	1/4	2,825.73
1/2		1/2		1/2		1/2	4,504.37	1/2	4,257.69	1/2	4,009.83	1/2	3,761.52	1/2	3,513.35	1/2	3,176.59	1/2	2,818.27
3/4		3/4		3/4		3/4	4,499.24	3/4	4,252.53	3/4	4,004.66	3/4	3,756.34	3/4	3,508.21	3/4	3,169.12	3/4	2,810.80
5		5		5		5	4,494.11	5	4,247.37	5	3,999.48	5	3,751.17	5	3,503.07	5	3,161.66	5	2,803.34
1/4		1/4		1/4		1/4	4,488.97	1/4	4,242.21	1/4	3,994.31	1/4	3,746.00	1/4	3,497.92	1/4	3,154.19	1/4	2,795.87
1/2		1/2		1/2		1/2	4,483.84	1/2	4,237.05	1/2	3,989.14	1/2	3,740.82	1/2	3,492.79	1/2	3,146.73	1/2	2,788.40
3/4		3/4		3/4		3/4	4,478.70	3/4	4,231.90	3/4	3,983.96	3/4	3,735.65	3/4	3,487.66	3/4	3,139.27	3/4	2,780.94
6		6		6		6	4,473.57	6	4,226.74	6	3,978.79	6	3,730.48	6	3,482.53	6	3,131.80	6	2,773.47
1/4		1/4		1/4		1/4	4,468.44	1/4	4,221.58	1/4	3,973.62	1/4	3,725.30	1/4	3,477.40	1/4	3,124.34	1/4	2,766.00
1/2		1/2		1/2		1/2	4,463.30	1/2	4,216.42	1/2	3,968.45	1/2	3,720.13	1/2	3,471.11	1/2	3,116.87	1/2	2,758.54
3/4		3/4		3/4		3/4	4,458.17	3/4	4,211.26	3/4	3,963.27	3/4	3,714.96	3/4	3,464.82	3/4	3,109.41	3/4	2,751.07
7		7		7		7	4,453.03	7	4,206.10	7	3,958.10	7	3,709.79	7	3,458.53	7	3,101.95	7	2,743.60
1/4		1/4		1/4		1/4	4,447.90	1/4	4,200.95	1/4	3,952.93	1/4	3,704.61	1/4	3,452.25	1/4	3,094.48	1/4	2,736.14
1/2		1/2		1/2		1/2	4,442.77	1/2	4,195.79	1/2	3,947.75	1/2	3,699.44	1/2	3,444.80	1/2	3,087.02	1/2	2,728.67
3/4		3/4		3/4		3/4	4,437.64	3/4	4,190.63	3/4	3,942.58	3/4	3,694.27	3/4	3,437.36	3/4	3,079.56	3/4	2,721.21
8		8		8		8	4,432.51	8	4,185.47	8	3,937.41	8	3,689.09	8	3,429.92	8	3,072.09	8	2,713.74
1/4		1/4		1/4		1/4	4,427.38	1/4	4,180.31	1/4	3,932.23	1/4	3,683.92	1/4	3,422.47	1/4	3,064.63	1/4	2,706.27
1/2		1/2		1/2		1/2	4,422.24	1/2	4,175.15	1/2	3,927.06	1/2	3,678.75	1/2	3,415.03	1/2	3,057.16	1/2	2,698.81
3/4		3/4		3/4		3/4	4,417.11	3/4	4,169.99	3/4	3,921.89	3/4	3,673.57	3/4	3,407.59	3/4	3,049.70	3/4	2,691.34
9		9		9		9	4,411.98	9	4,164.84	9	3,916.71	9	3,668.40	9	3,400.15	9	3,042.24	9	2,683.87
1/4		1/4		1/4		1/4	4,406.85	1/4	4,159.68	1/4	3,911.54	1/4	3,663.23	1/4	3,392.70	1/4	3,034.77	1/4	2,676.41
1/2		1/2		1/2		1/2	4,401.72	1/2	4,154.52	1/2	3,906.37	1/2	3,658.05	1/2	3,385.26	1/2	3,027.31	1/2	2,668.94
3/4		3/4		3/4		3/4	4,396.59	3/4	4,149.36	3/4	3,901.19	3/4	3,652.88	3/4	3,377.82	3/4	3,019.85	3/4	2,661.47
10		10		10		10	4,391.46	10	4,144.20	10	3,896.02	10	3,647.71	10	3,370.37	10	3,012.38	10	2,654.01
1/4		1/4		1/4		1/4	4,386.32	1/4	4,139.04	1/4	3,890.85	1/4	3,642.53	1/4	3,362.93	1/4	3,004.92	1/4	2,646.54
1/2		1/2		1/2		1/2	4,381.19	1/2	4,133.88	1/2	3,885.67	1/2	3,637.36	1/2	3,355.49	1/2	2,997.45	1/2	2,639.07
3/4		3/4		3/4		3/4	4,376.06	3/4	4,128.73	3/4	3,880.50	3/4	3,632.19	3/4	3,348.04	3/4	2,989.99	3/4	2,631.61
11		11		11		11	4,370.93	11	4,123.57	11	3,875.33	11	3,627.01	11	3,340.60	11	2,982.53	11	2,624.14
1/4		1/4		1/4		1/4	4,365.80	1/4	4,118.41	1/4	3,870.15	1/4	3,621.84	1/4	3,333.16	1/4	2,975.06	1/4	2,616.68
1/2		1/2		1/2		1/2	4,360.67	1/2	4,113.25	1/2	3,864.98	1/2	3,616.67	1/2	3,325.72	1/2	2,967.60	1/2	2,609.20
3/4		3/4		3/4		3/4	4,355.54	3/4	4,108.09	3/4	3,859.81	3/4	3,611.49	3/4	3,318.27	3/4	2,960.13	3/4	2,601.73

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'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3008"

3 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,594.25	0	2,236.93	0	1,881.03	0	1,522.28	0	1,164.17	0	815.60	0	456.66	0	97.73	0		0	
1/4	2,586.78	1/4	2,229.52	1/4	1,873.55	1/4	1,514.81	1/4	1,156.91	1/4	808.12	1/4	449.18	1/4	90.24	1/4		1/4	
1/2	2,579.31	1/2	2,222.11	1/2	1,866.08	1/2	1,507.34	1/2	1,149.64	1/2	800.64	1/2	441.71	1/2	82.75	1/2		1/2	
3/4	2,571.83	3/4	2,214.70	3/4	1,858.60	3/4	1,499.86	3/4	1,142.38	3/4	793.17	3/4	434.23	3/4	75.26	3/4		3/4	
1	2,564.36	1	2,207.29	1	1,851.13	1	1,492.39	1	1,135.12	1	785.69	1	426.75	1	67.77	1		1	
1/4	2,556.89	1/4	2,199.88	1/4	1,843.66	1/4	1,484.91	1/4	1,127.85	1/4	778.21	1/4	419.28	1/4	60.28	1/4		1/4	
1/2	2,549.41	1/2	2,192.47	1/2	1,836.18	1/2	1,477.44	1/2	1,120.60	1/2	770.73	1/2	411.80	1/2	53.73	1/2		1/2	
3/4	2,541.94	3/4	2,185.06	3/4	1,828.71	3/4	1,469.97	3/4	1,113.35	3/4	763.25	3/4	404.32	3/4	47.18	3/4		3/4	
2	2,534.47	2	2,177.65	2	1,821.23	2	1,462.49	2	1,106.10	2	755.78	2	396.85	2	40.62	2		2	
1/4	2,526.99	1/4	2,170.24	1/4	1,813.76	1/4	1,455.02	1/4	1,098.85	1/4	748.30	1/4	389.37	1/4	34.07	1/4		1/4	
1/2	2,519.52	1/2	2,162.82	1/2	1,806.29	1/2	1,447.54	1/2	1,091.60	1/2	740.82	1/2	381.89	1/2	29.39	1/2		1/2	
3/4	2,512.05	3/4	2,155.41	3/4	1,798.81	3/4	1,440.07	3/4	1,084.34	3/4	733.34	3/4	374.42	3/4		3/4		3/4	
3	2,504.57	3	2,148.00	3	1,791.34	3	1,432.60	3	1,077.09	3	725.86	3	366.94	3		3		3	
1/4	2,497.10	1/4	2,140.59	1/4	1,783.87	1/4	1,425.12	1/4	1,069.84	1/4	718.39	1/4	359.46	1/4		1/4		1/4	
1/2	2,489.66	1/2	2,133.18	1/2	1,776.39	1/2	1,417.65	1/2	1,062.60	1/2	710.91	1/2	351.99	1/2		1/2		1/2	
3/4	2,482.23	3/4	2,125.77	3/4	1,768.92	3/4	1,410.18	3/4	1,055.35	3/4	703.43	3/4	344.51	3/4		3/4		3/4	
4	2,474.79	4	2,118.36	4	1,761.44	4	1,402.70	4	1,048.11	4	695.95	4	337.03	4		4		4	
1/4	2,467.36	1/4	2,110.95	1/4	1,753.97	1/4	1,395.23	1/4	1,040.87	1/4	688.47	1/4	329.56	1/4		1/4		1/4	
1/2	2,459.92	1/2	2,103.54	1/2	1,746.50	1/2	1,387.75	1/2	1,033.62	1/2	681.00	1/2	322.08	1/2		1/2		1/2	
3/4	2,452.49	3/4	2,096.13	3/4	1,739.02	3/4	1,380.28	3/4	1,026.38	3/4	673.52	3/4	314.60	3/4		3/4		3/4	
5	2,445.05	5	2,088.72	5	1,731.55	5	1,372.81	5	1,019.13	5	666.04	5	307.13	5		5		5	
1/4	2,437.61	1/4	2,081.31	1/4	1,724.08	1/4	1,365.33	1/4	1,011.89	1/4	658.56	1/4	299.65	1/4		1/4		1/4	
1/2	2,430.18	1/2	2,073.90	1/2	1,716.60	1/2	1,357.86	1/2	1,004.65	1/2	651.08	1/2	292.17	1/2		1/2		1/2	
3/4	2,422.74	3/4	2,066.48	3/4	1,709.13	3/4	1,350.39	3/4	997.40	3/4	643.61	3/4	284.70	3/4		3/4		3/4	
6	2,415.31	6	2,059.07	6	1,701.65	6	1,342.91	6	990.16	6	636.13	6	277.22	6		6		6	
1/4	2,407.87	1/4	2,051.66	1/4	1,694.18	1/4	1,335.44	1/4	982.91	1/4	628.65	1/4	269.75	1/4		1/4		1/4	
1/2	2,400.44	1/2	2,044.25	1/2	1,686.71	1/2	1,327.96	1/2	975.67	1/2	621.17	1/2	262.27	1/2		1/2		1/2	
3/4	2,393.00	3/4	2,036.84	3/4	1,679.23	3/4	1,320.49	3/4	968.43	3/4	613.69	3/4	254.79	3/4		3/4		3/4	
7	2,385.57	7	2,029.43	7	1,671.76	7	1,313.02	7	961.18	7	606.22	7	247.32	7		7		7	
1/4	2,378.13	1/4	2,022.02	1/4	1,664.29	1/4	1,305.54	1/4	953.94	1/4	598.74	1/4	239.84	1/4		1/4		1/4	
1/2	2,370.70	1/2	2,014.61	1/2	1,656.81	1/2	1,298.07	1/2	946.69	1/2	591.26	1/2	232.36	1/2		1/2		1/2	
3/4	2,363.26	3/4	2,007.20	3/4	1,649.34	3/4	1,290.60	3/4	939.45	3/4	583.78	3/4	224.88	3/4		3/4		3/4	
8	2,355.83	8	1,999.79	8	1,641.86	8	1,283.12	8	932.21	8	576.30	8	217.40	8		8		8	
1/4	2,348.39	1/4	1,992.38	1/4	1,634.39	1/4	1,275.65	1/4	924.96	1/4	568.83	1/4	209.93	1/4		1/4		1/4	
1/2	2,340.95	1/2	1,984.97	1/2	1,626.92	1/2	1,268.17	1/2	917.72	1/2	561.35	1/2	202.45	1/2		1/2		1/2	
3/4	2,333.52	3/4	1,977.55	3/4	1,619.44	3/4	1,260.70	3/4	910.47	3/4	553.87	3/4	194.97	3/4		3/4		3/4	
9	2,326.08	9	1,970.14	9	1,611.97	9	1,253.23	9	903.23	9	546.39	9	187.49	9		9		9	
1/4	2,318.65	1/4	1,962.73	1/4	1,604.49	1/4	1,245.75	1/4	895.99	1/4	538.91	1/4	180.01	1/4		1/4		1/4	
1/2	2,311.21	1/2	1,955.32	1/2	1,597.02	1/2	1,238.28	1/2	888.74	1/2	531.44	1/2	172.54	1/2		1/2		1/2	
3/4	2,303.78	3/4	1,947.91	3/4	1,589.55	3/4	1,230.80	3/4	881.50	3/4	523.96	3/4	165.06	3/4		3/4		3/4	
10	2,296.34	10	1,940.50	10	1,582.07	10	1,223.33	10	874.25	10	516.48	10	157.58	10		10		10	
1/4	2,288.91	1/4	1,933.09	1/4	1,574.60	1/4	1,215.86	1/4	867.01	1/4	509.00	1/4	150.10	1/4		1/4		1/4	
1/2	2,281.47	1/2	1,925.68	1/2	1,567.13	1/2	1,208.38	1/2	859.77	1/2	501.52	1/2	142.62	1/2		1/2		1/2	
3/4	2,274.04	3/4	1,918.27	3/4	1,559.65	3/4	1,200.91	3/4	852.52	3/4	494.05	3/4	135.14	3/4		3/4		3/4	
11	2,266.60	11	1,910.86	11	1,552.18	11	1,193.44	11	845.28	11	486.57	11	127.66	11		11		11	
1/4	2,259.17	1/4	1,903.45	1/4	1,544.70	1/4	1,185.96	1/4	838.03	1/4	479.09	1/4	120.18	1/4		1/4		1/4	
1/2	2,251.75	1/2	1,895.97	1/2	1,537.23	1/2	1,178.70	1/2	830.56	1/2	471.61	1/2	112.70	1/2		1/2		1/2	
3/4	2,244.34	3/4	1,888.50	3/4	1,529.76	3/4	1,171.43	3/4	823.08	3/4	464.14	3/4	105.21	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/10/2014 SW
RECALCULATED: 04/10/2023 CL
REPRINTED: 04/10/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HTCO 3008"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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	4,382.43	0	4,134.95	0	3,886.63	0	3,638.27	0	3,346.84	0	2,987.94
1/4		1/4		1/4		1/4		1/4	4,377.29	1/4	4,129.79	1/4	3,881.46	1/4	3,633.09	1/4	3,339.38	1/4	2,980.46
1/2		1/2		1/2		1/2	4,602.31	1/2	4,372.16	1/2	4,124.63	1/2	3,876.28	1/2	3,627.92	1/2	3,331.92	1/2	2,972.97
3/4		3/4		3/4		3/4	4,599.36	3/4	4,367.03	3/4	4,119.48	3/4	3,871.11	3/4	3,622.74	3/4	3,324.46	3/4	2,965.49
1		1		1		1	4,596.07	1	4,361.90	1	4,114.30	1	3,865.93	1	3,617.57	1	3,317.00	1	2,958.01
1/4		1/4		1/4		1/4	4,592.78	1/4	4,356.76	1/4	4,109.13	1/4	3,860.76	1/4	3,612.39	1/4	3,309.54	1/4	2,950.53
1/2		1/2		1/2		1/2	4,589.48	1/2	4,351.63	1/2	4,103.95	1/2	3,855.59	1/2	3,607.22	1/2	3,302.08	1/2	2,943.04
3/4		3/4		3/4		3/4	4,586.19	3/4	4,346.50	3/4	4,098.78	3/4	3,850.41	3/4	3,602.05	3/4	3,294.62	3/4	2,935.56
2		2		2		2	4,582.55	2	4,341.34	2	4,093.60	2	3,845.24	2	3,596.87	2	3,287.14	2	2,928.08
1/4		1/4		1/4		1/4	4,578.91	1/4	4,336.18	1/4	4,088.43	1/4	3,840.06	1/4	3,591.70	1/4	3,279.66	1/4	2,920.60
1/2		1/2		1/2		1/2	4,575.28	1/2	4,331.02	1/2	4,083.26	1/2	3,834.89	1/2	3,586.52	1/2	3,272.18	1/2	2,913.11
3/4		3/4		3/4		3/4	4,571.64	3/4	4,325.86	3/4	4,078.08	3/4	3,829.71	3/4	3,581.35	3/4	3,264.70	3/4	2,905.63
3		3		3		3	4,566.69	3	4,320.70	3	4,072.91	3	3,824.54	3	3,576.17	3	3,257.22	3	2,898.15
1/4		1/4		1/4		1/4	4,561.74	1/4	4,315.54	1/4	4,067.73	1/4	3,819.37	1/4	3,571.00	1/4	3,249.74	1/4	2,890.67
1/2		1/2		1/2		1/2	4,556.79	1/2	4,310.38	1/2	4,062.56	1/2	3,814.19	1/2	3,565.82	1/2	3,242.26	1/2	2,883.18
3/4		3/4		3/4		3/4	4,551.84	3/4	4,305.22	3/4	4,057.38	3/4	3,809.02	3/4	3,560.65	3/4	3,234.78	3/4	2,875.70
4		4		4		4	4,546.70	4	4,300.06	4	4,052.21	4	3,803.84	4	3,555.50	4	3,227.30	4	2,868.22
1/4		1/4		1/4		1/4	4,541.57	1/4	4,294.90	1/4	4,047.03	1/4	3,798.67	1/4	3,550.35	1/4	3,219.82	1/4	2,860.74
1/2		1/2		1/2		1/2	4,536.43	1/2	4,289.74	1/2	4,041.86	1/2	3,793.49	1/2	3,545.20	1/2	3,212.34	1/2	2,853.25
3/4		3/4		3/4		3/4	4,531.30	3/4	4,284.58	3/4	4,036.69	3/4	3,788.32	3/4	3,540.05	3/4	3,204.86	3/4	2,845.77
5		5		5		5	4,526.16	5	4,279.42	5	4,031.51	5	3,783.15	5	3,534.91	5	3,197.38	5	2,838.29
1/4		1/4		1/4		1/4	4,521.03	1/4	4,274.26	1/4	4,026.34	1/4	3,777.97	1/4	3,529.76	1/4	3,189.90	1/4	2,830.81
1/2		1/2		1/2		1/2	4,515.89	1/2	4,269.10	1/2	4,021.16	1/2	3,772.80	1/2	3,524.61	1/2	3,182.42	1/2	2,823.32
3/4		3/4		3/4		3/4	4,510.76	3/4	4,263.94	3/4	4,015.99	3/4	3,767.62	3/4	3,519.46	3/4	3,174.94	3/4	2,815.84
6		6		6		6	4,505.62	6	4,258.78	6	4,010.81	6	3,762.45	6	3,514.31	6	3,167.46	6	2,808.36
1/4		1/4		1/4		1/4	4,500.49	1/4	4,253.62	1/4	4,005.64	1/4	3,757.27	1/4	3,509.16	1/4	3,159.98	1/4	2,800.88
1/2		1/2		1/2		1/2	4,495.35	1/2	4,248.47	1/2	4,000.47	1/2	3,752.10	1/2	3,504.01	1/2	3,152.50	1/2	2,793.39
3/4		3/4		3/4		3/4	4,490.22	3/4	4,243.31	3/4	3,995.29	3/4	3,746.93	3/4	3,498.86	3/4	3,145.02	3/4	2,785.91
7		7		7		7	4,485.08	7	4,238.15	7	3,990.12	7	3,741.75	7	3,492.56	7	3,137.54	7	2,778.43
1/4		1/4		1/4		1/4	4,479.95	1/4	4,232.99	1/4	3,984.94	1/4	3,736.58	1/4	3,486.25	1/4	3,130.06	1/4	2,770.95
1/2		1/2		1/2		1/2	4,474.81	1/2	4,227.83	1/2	3,979.77	1/2	3,731.40	1/2	3,479.95	1/2	3,122.58	1/2	2,763.46
3/4		3/4		3/4		3/4	4,469.68	3/4	4,222.67	3/4	3,974.59	3/4	3,726.23	3/4	3,473.65	3/4	3,115.10	3/4	2,755.98
8		8		8		8	4,464.55	8	4,217.51	8	3,969.42	8	3,721.05	8	3,466.19	8	3,107.62	8	2,748.50
1/4		1/4		1/4		1/4	4,459.41	1/4	4,212.35	1/4	3,964.25	1/4	3,715.88	1/4	3,458.73	1/4	3,100.14	1/4	2,741.02
1/2		1/2		1/2		1/2	4,454.28	1/2	4,207.19	1/2	3,959.07	1/2	3,710.71	1/2	3,451.27	1/2	3,092.66	1/2	2,733.53
3/4		3/4		3/4		3/4	4,449.15	3/4	4,202.03	3/4	3,953.90	3/4	3,705.53	3/4	3,443.81	3/4	3,085.18	3/4	2,726.05
9		9		9		9	4,444.02	9	4,196.87	9	3,948.72	9	3,700.36	9	3,436.35	9	3,077.70	9	2,718.57
1/4		1/4		1/4		1/4	4,438.88	1/4	4,191.71	1/4	3,943.55	1/4	3,695.18	1/4	3,428.89	1/4	3,070.22	1/4	2,711.09
1/2		1/2		1/2		1/2	4,433.75	1/2	4,186.55	1/2	3,938.37	1/2	3,690.01	1/2	3,421.43	1/2	3,062.74	1/2	2,703.60
3/4		3/4		3/4		3/4	4,428.62	3/4	4,181.39	3/4	3,933.20	3/4	3,684.83	3/4	3,413.97	3/4	3,055.26	3/4	2,696.12
10		10		10		10	4,423.49	10	4,176.23	10	3,928.03	10	3,679.66	10	3,406.51	10	3,047.78	10	2,688.64
1/4		1/4		1/4		1/4	4,418.35	1/4	4,171.07	1/4	3,922.85	1/4	3,674.49	1/4	3,399.05	1/4	3,040.30	1/4	2,681.16
1/2		1/2		1/2		1/2	4,413.22	1/2	4,165.91	1/2	3,917.68	1/2	3,669.31	1/2	3,391.59	1/2	3,032.82	1/2	2,673.67
3/4		3/4		3/4		3/4	4,408.09	3/4	4,160.75	3/4	3,912.50	3/4	3,664.14	3/4	3,384.13	3/4	3,025.34	3/4	2,666.19
11		11		11		11	4,402.96	11	4,155.59	11	3,907.33	11	3,658.96	11	3,376.67	11	3,017.86	11	2,658.71
1/4		1/4		1/4		1/4	4,397.82	1/4	4,150.43	1/4	3,902.15	1/4	3,653.79	1/4	3,369.21	1/4	3,010.38	1/4	2,651.23
1/2		1/2		1/2		1/2	4,392.69	1/2	4,145.27	1/2	3,896.98	1/2	3,648.61	1/2	3,361.76	1/2	3,002.90	1/2	2,643.74
3/4		3/4		3/4		3/4	4,387.56	3/4	4,140.11	3/4	3,891.81	3/4	3,643.44	3/4	3,354.30	3/4	2,995.42	3/4	2,636.26

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'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3008"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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	2,628.77	0	2,269.25	0	1,909.73	0	1,550.21	0	1,190.69	0	831.73	0	472.22	0	112.71	0		0	
1/4	2,621.28	1/4	2,261.76	1/4	1,902.24	1/4	1,542.72	1/4	1,183.20	1/4	824.24	1/4	464.73	1/4	105.22	1/4		1/4	
1/2	2,613.79	1/2	2,254.27	1/2	1,894.75	1/2	1,535.23	1/2	1,175.71	1/2	816.75	1/2	457.24	1/2	97.73	1/2		1/2	
3/4	2,606.30	3/4	2,246.78	3/4	1,887.26	3/4	1,527.74	3/4	1,168.22	3/4	809.26	3/4	449.75	3/4	90.24	3/4		3/4	
1	2,598.81	1	2,239.29	1	1,879.77	1	1,520.25	1	1,160.73	1	801.77	1	442.26	1	82.75	1		1	
1/4	2,591.32	1/4	2,231.80	1/4	1,872.28	1/4	1,512.76	1/4	1,153.24	1/4	794.28	1/4	434.77	1/4	75.26	1/4		1/4	
1/2	2,583.83	1/2	2,224.31	1/2	1,864.79	1/2	1,505.27	1/2	1,145.75	1/2	786.79	1/2	427.28	1/2	67.77	1/2		1/2	
3/4	2,576.34	3/4	2,216.82	3/4	1,857.30	3/4	1,497.78	3/4	1,138.26	3/4	779.30	3/4	419.79	3/4	60.28	3/4		3/4	
2	2,568.85	2	2,209.33	2	1,849.81	2	1,490.29	2	1,130.78	2	771.81	2	412.30	2	53.73	2		2	
1/4	2,561.36	1/4	2,201.84	1/4	1,842.32	1/4	1,482.80	1/4	1,123.30	1/4	764.32	1/4	404.81	1/4	47.18	1/4		1/4	
1/2	2,553.87	1/2	2,194.35	1/2	1,834.83	1/2	1,475.31	1/2	1,115.81	1/2	756.83	1/2	397.32	1/2	40.62	1/2		1/2	
3/4	2,546.38	3/4	2,186.86	3/4	1,827.34	3/4	1,467.82	3/4	1,108.33	3/4	749.34	3/4	389.83	3/4	34.07	3/4		3/4	
3	2,538.89	3	2,179.37	3	1,819.85	3	1,460.33	3	1,100.85	3	741.85	3	382.34	3	29.39	3		3	
1/4	2,531.40	1/4	2,171.88	1/4	1,812.36	1/4	1,452.84	1/4	1,093.37	1/4	734.37	1/4	374.85	1/4		1/4		1/4	
1/2	2,523.91	1/2	2,164.39	1/2	1,804.87	1/2	1,445.35	1/2	1,085.89	1/2	726.88	1/2	367.36	1/2		1/2		1/2	
3/4	2,516.42	3/4	2,156.90	3/4	1,797.38	3/4	1,437.86	3/4	1,078.40	3/4	719.39	3/4	359.88	3/4		3/4		3/4	
4	2,508.93	4	2,149.41	4	1,789.89	4	1,430.37	4	1,070.93	4	711.90	4	352.39	4		4		4	
1/4	2,501.44	1/4	2,141.92	1/4	1,782.40	1/4	1,422.88	1/4	1,063.45	1/4	704.41	1/4	344.90	1/4		1/4		1/4	
1/2	2,493.95	1/2	2,134.43	1/2	1,774.91	1/2	1,415.39	1/2	1,055.98	1/2	696.92	1/2	337.41	1/2		1/2		1/2	
3/4	2,486.46	3/4	2,126.94	3/4	1,767.42	3/4	1,407.90	3/4	1,048.51	3/4	689.43	3/4	329.92	3/4		3/4		3/4	
5	2,478.97	5	2,119.45	5	1,759.93	5	1,400.41	5	1,041.03	5	681.94	5	322.43	5		5		5	
1/4	2,471.48	1/4	2,111.96	1/4	1,752.44	1/4	1,392.92	1/4	1,033.56	1/4	674.45	1/4	314.94	1/4		1/4		1/4	
1/2	2,463.99	1/2	2,104.47	1/2	1,744.95	1/2	1,385.43	1/2	1,026.08	1/2	666.96	1/2	307.45	1/2		1/2		1/2	
3/4	2,456.50	3/4	2,096.98	3/4	1,737.46	3/4	1,377.94	3/4	1,018.61	3/4	659.47	3/4	299.96	3/4		3/4		3/4	
6	2,449.01	6	2,089.49	6	1,729.97	6	1,370.45	6	1,011.13	6	651.98	6	292.47	6		6		6	
1/4	2,441.52	1/4	2,082.00	1/4	1,722.48	1/4	1,362.96	1/4	1,003.66	1/4	644.49	1/4	284.98	1/4		1/4		1/4	
1/2	2,434.03	1/2	2,074.51	1/2	1,714.99	1/2	1,355.47	1/2	996.18	1/2	637.00	1/2	277.49	1/2		1/2		1/2	
3/4	2,426.54	3/4	2,067.02	3/4	1,707.50	3/4	1,347.98	3/4	988.71	3/4	629.51	3/4	270.00	3/4		3/4		3/4	
7	2,419.05	7	2,059.53	7	1,700.01	7	1,340.49	7	981.24	7	622.02	7	262.51	7		7		7	
1/4	2,411.56	1/4	2,052.04	1/4	1,692.52	1/4	1,333.00	1/4	973.76	1/4	614.53	1/4	255.02	1/4		1/4		1/4	
1/2	2,404.07	1/2	2,044.55	1/2	1,685.03	1/2	1,325.51	1/2	966.29	1/2	607.04	1/2	247.53	1/2		1/2		1/2	
3/4	2,396.58	3/4	2,037.06	3/4	1,677.54	3/4	1,318.02	3/4	958.81	3/4	599.55	3/4	240.04	3/4		3/4		3/4	
8	2,389.09	8	2,029.57	8	1,670.05	8	1,310.53	8	951.34	8	592.06	8	232.55	8		8		8	
1/4	2,381.60	1/4	2,022.08	1/4	1,662.56	1/4	1,303.04	1/4	943.86	1/4	584.57	1/4	225.06	1/4		1/4		1/4	
1/2	2,374.11	1/2	2,014.59	1/2	1,655.07	1/2	1,295.55	1/2	936.39	1/2	577.08	1/2	217.57	1/2		1/2		1/2	
3/4	2,366.62	3/4	2,007.10	3/4	1,647.58	3/4	1,288.06	3/4	928.92	3/4	569.59	3/4	210.08	3/4		3/4		3/4	
9	2,359.13	9	1,999.61	9	1,640.09	9	1,280.57	9	921.44	9	562.10	9	202.59	9		9		9	
1/4	2,351.64	1/4	1,992.12	1/4	1,632.60	1/4	1,273.08	1/4	913.97	1/4	554.61	1/4	195.10	1/4		1/4		1/4	
1/2	2,344.15	1/2	1,984.63	1/2	1,625.11	1/2	1,265.59	1/2	906.49	1/2	547.12	1/2	187.61	1/2		1/2		1/2	
3/4	2,336.66	3/4	1,977.14	3/4	1,617.62	3/4	1,258.10	3/4	899.02	3/4	539.63	3/4	180.12	3/4		3/4		3/4	
10	2,329.17	10	1,969.65	10	1,610.13	10	1,250.61	10	891.54	10	532.14	10	172.63	10		10		10	
1/4	2,321.68	1/4	1,962.16	1/4	1,602.64	1/4	1,243.12	1/4	884.07	1/4	524.65	1/4	165.14	1/4		1/4		1/4	
1/2	2,314.19	1/2	1,954.67	1/2	1,595.15	1/2	1,235.63	1/2	876.59	1/2	517.16	1/2	157.65	1/2		1/2		1/2	
3/4	2,306.70	3/4	1,947.18	3/4	1,587.66	3/4	1,228.14	3/4	869.12	3/4	509.67	3/4	150.16	3/4		3/4		3/4	
11	2,299.21	11	1,939.69	11	1,580.17	11	1,220.65	11	861.65	11	502.18	11	142.67	11		11		11	
1/4	2,291.72	1/4	1,932.20	1/4	1,572.68	1/4	1,213.16	1/4	854.17	1/4	494.69	1/4	135.18	1/4		1/4		1/4	
1/2	2,284.23	1/2	1,924.71	1/2	1,565.19	1/2	1,205.67	1/2	846.70	1/2	487.20	1/2	127.69	1/2		1/2		1/2	
3/4	2,276.74	3/4	1,917.22	3/4	1,557.70	3/4	1,198.18	3/4	839.22	3/4	479.71	3/4	120.20	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/10/2014 SW
RECALCULATED: 04/10/2023 CL
REPRINTED: 04/10/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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