



BARGE "HTCO 3079"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
1 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 239' 00"

April 27, 2021

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

<http://www.pmacorp.net>



BARGE "HTCO 3079"

1 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 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		0	4,702.78	0	4,347.39	0	3,992.00	0	3,636.60	0	3,281.21	0	2,925.82
1/4		1/4		1/4		1/4		1/4	4,695.38	1/4	4,339.99	1/4	3,984.60	1/4	3,629.20	1/4	3,273.81	1/4	2,918.42
1/2		1/2		1/2		1/2		1/2	4,687.97	1/2	4,332.58	1/2	3,977.19	1/2	3,621.80	1/2	3,266.40	1/2	2,911.01
3/4		3/4		3/4		3/4		3/4	4,680.57	3/4	4,325.18	3/4	3,969.79	3/4	3,614.39	3/4	3,259.00	3/4	2,903.61
1		1		1		1	5,015.90	1	4,673.16	1	4,317.77	1	3,962.38	1	3,606.99	1	3,251.60	1	2,896.20
1/4		1/4		1/4		1/4	5,011.38	1/4	4,665.76	1/4	4,310.37	1/4	3,954.98	1/4	3,599.59	1/4	3,244.20	1/4	2,888.80
1/2		1/2		1/2		1/2	5,005.72	1/2	4,658.36	1/2	4,302.97	1/2	3,947.58	1/2	3,592.18	1/2	3,236.79	1/2	2,881.39
3/4		3/4		3/4		3/4	5,000.06	3/4	4,650.95	3/4	4,295.56	3/4	3,940.18	3/4	3,584.78	3/4	3,229.39	3/4	2,873.99
2		2		2		2	4,994.41	2	4,643.55	2	4,288.16	2	3,932.78	2	3,577.37	2	3,221.98	2	2,866.59
1/4		1/4		1/4		1/4	4,988.75	1/4	4,636.15	1/4	4,280.76	1/4	3,925.38	1/4	3,569.97	1/4	3,214.58	1/4	2,859.19
1/2		1/2		1/2		1/2	4,981.98	1/2	4,628.74	1/2	4,273.35	1/2	3,917.97	1/2	3,562.57	1/2	3,207.17	1/2	2,851.78
3/4		3/4		3/4		3/4	4,975.22	3/4	4,621.34	3/4	4,265.95	3/4	3,910.56	3/4	3,555.16	3/4	3,199.77	3/4	2,844.38
3		3		3		3	4,968.45	3	4,613.93	3	4,258.54	3	3,903.16	3	3,547.76	3	3,192.36	3	2,836.97
1/4		1/4		1/4		1/4	4,961.69	1/4	4,606.53	1/4	4,251.14	1/4	3,895.75	1/4	3,540.36	1/4	3,184.96	1/4	2,829.57
1/2		1/2		1/2		1/2	4,954.34	1/2	4,599.13	1/2	4,243.73	1/2	3,888.34	1/2	3,532.95	1/2	3,177.55	1/2	2,822.16
3/4		3/4		3/4		3/4	4,947.00	3/4	4,591.72	3/4	4,236.33	3/4	3,880.94	3/4	3,525.55	3/4	3,170.15	3/4	2,814.76
4		4		4		4	4,939.65	4	4,584.32	4	4,228.92	4	3,873.53	4	3,518.14	4	3,162.75	4	2,807.36
1/4		1/4		1/4		1/4	4,932.31	1/4	4,576.92	1/4	4,221.52	1/4	3,866.13	1/4	3,510.74	1/4	3,155.35	1/4	2,799.96
1/2		1/2		1/2		1/2	4,924.90	1/2	4,569.51	1/2	4,214.12	1/2	3,858.73	1/2	3,503.33	1/2	3,147.94	1/2	2,792.55
3/4		3/4		3/4		3/4	4,917.50	3/4	4,562.11	3/4	4,206.71	3/4	3,851.32	3/4	3,495.93	3/4	3,140.54	3/4	2,785.15
5		5		5		5	4,910.09	5	4,554.70	5	4,199.31	5	3,843.92	5	3,488.52	5	3,133.13	5	2,777.74
1/4		1/4		1/4		1/4	4,902.69	1/4	4,547.30	1/4	4,191.91	1/4	3,836.52	1/4	3,481.12	1/4	3,125.73	1/4	2,770.34
1/2		1/2		1/2		1/2	4,895.29	1/2	4,539.89	1/2	4,184.50	1/2	3,829.11	1/2	3,473.71	1/2	3,118.32	1/2	2,762.93
3/4		3/4		3/4		3/4	4,887.88	3/4	4,532.49	3/4	4,177.10	3/4	3,821.71	3/4	3,466.31	3/4	3,110.92	3/4	2,755.53
6		6		6		6	4,880.48	6	4,525.08	6	4,169.69	6	3,814.30	6	3,458.91	6	3,103.52	6	2,748.12
1/4		1/4		1/4		1/4	4,873.08	1/4	4,517.68	1/4	4,162.29	1/4	3,806.90	1/4	3,451.51	1/4	3,096.12	1/4	2,740.72
1/2		1/2		1/2		1/2	4,865.67	1/2	4,510.28	1/2	4,154.89	1/2	3,799.49	1/2	3,444.10	1/2	3,088.71	1/2	2,733.31
3/4		3/4		3/4		3/4	4,858.27	3/4	4,502.87	3/4	4,147.48	3/4	3,792.09	3/4	3,436.70	3/4	3,081.31	3/4	2,725.91
7		7		7		7	4,850.86	7	4,495.47	7	4,140.08	7	3,784.68	7	3,429.29	7	3,073.90	7	2,718.51
1/4		1/4		1/4		1/4	4,843.46	1/4	4,488.07	1/4	4,132.68	1/4	3,777.28	1/4	3,421.89	1/4	3,066.50	1/4	2,711.11
1/2		1/2		1/2		1/2	4,836.05	1/2	4,480.66	1/2	4,125.27	1/2	3,769.88	1/2	3,414.48	1/2	3,059.09	1/2	2,703.70
3/4		3/4		3/4		3/4	4,828.65	3/4	4,473.26	3/4	4,117.87	3/4	3,762.47	3/4	3,407.08	3/4	3,051.69	3/4	2,696.30
8		8		8		8	4,821.24	8	4,465.85	8	4,110.46	8	3,755.07	8	3,399.68	8	3,044.28	8	2,688.89
1/4		1/4		1/4		1/4	4,813.84	1/4	4,458.45	1/4	4,103.06	1/4	3,747.67	1/4	3,392.28	1/4	3,036.88	1/4	2,681.49
1/2		1/2		1/2		1/2	4,806.44	1/2	4,451.05	1/2	4,095.65	1/2	3,740.26	1/2	3,384.87	1/2	3,029.47	1/2	2,674.08
3/4		3/4		3/4		3/4	4,799.03	3/4	4,443.64	3/4	4,088.25	3/4	3,732.86	3/4	3,377.47	3/4	3,022.07	3/4	2,666.68
9		9		9		9	4,791.63	9	4,436.24	9	4,080.84	9	3,725.45	9	3,370.06	9	3,014.67	9	2,659.28
1/4		1/4		1/4		1/4	4,784.23	1/4	4,428.84	1/4	4,073.44	1/4	3,718.05	1/4	3,362.66	1/4	3,007.27	1/4	2,651.88
1/2		1/2		1/2		1/2	4,776.82	1/2	4,421.43	1/2	4,066.04	1/2	3,710.65	1/2	3,355.25	1/2	2,999.86	1/2	2,644.47
3/4		3/4		3/4		3/4	4,769.42	3/4	4,414.03	3/4	4,058.63	3/4	3,703.24	3/4	3,347.85	3/4	2,992.46	3/4	2,637.07
10		10		10		10	4,762.01	10	4,406.62	10	4,051.23	10	3,695.84	10	3,340.44	10	2,985.05	10	2,629.66
1/4		1/4		1/4		1/4	4,754.61	1/4	4,399.22	1/4	4,043.83	1/4	3,688.44	1/4	3,333.04	1/4	2,977.65	1/4	2,622.26
1/2		1/2		1/2		1/2	4,747.21	1/2	4,391.81	1/2	4,036.42	1/2	3,681.03	1/2	3,325.63	1/2	2,970.24	1/2	2,614.85
3/4		3/4		3/4		3/4	4,739.80	3/4	4,384.41	3/4	4,029.02	3/4	3,673.63	3/4	3,318.23	3/4	2,962.84	3/4	2,607.45
11		11		11		11	4,732.40	11	4,377.00	11	4,021.61	11	3,666.22	11	3,310.83	11	2,955.44	11	2,600.04
1/4		1/4		1/4		1/4	4,725.00	1/4	4,369.60	1/4	4,014.21	1/4	3,658.82	1/4	3,303.43	1/4	2,948.04	1/4	2,592.64
1/2		1/2		1/2		1/2	4,717.59	1/2	4,362.20	1/2	4,006.81	1/2	3,651.41	1/2	3,296.02	1/2	2,940.63	1/2	2,585.23
3/4		3/4		3/4		3/4	4,710.19	3/4	4,354.79	3/4	3,999.40	3/4	3,644.01	3/4	3,288.62	3/4	2,933.23	3/4	2,577.83

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "HTCO 3079"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,570.43	0	2,215.04	0	1,859.64	0	1,504.25	0	1,148.86	0	793.47	0	436.62	0	98.01	0		0	
1/4	2,563.03	1/4	2,207.64	1/4	1,852.24	1/4	1,496.85	1/4	1,141.46	1/4	786.07	1/4	429.14	1/4	91.58	1/4		1/4	
1/2	2,555.62	1/2	2,200.23	1/2	1,844.83	1/2	1,489.44	1/2	1,134.05	1/2	778.66	1/2	421.68	1/2	85.19	1/2		1/2	
3/4	2,548.22	3/4	2,192.83	3/4	1,837.43	3/4	1,482.04	3/4	1,126.65	3/4	771.26	3/4	414.23	3/4	78.81	3/4		3/4	
1	2,540.81	1	2,185.42	1	1,830.03	1	1,474.64	1	1,119.24	1	763.85	1	406.78	1	72.43	1		1	
1/4	2,533.41	1/4	2,178.02	1/4	1,822.63	1/4	1,467.24	1/4	1,111.84	1/4	756.45	1/4	399.33	1/4	66.05	1/4		1/4	
1/2	2,526.00	1/2	2,170.61	1/2	1,815.22	1/2	1,459.83	1/2	1,104.43	1/2	749.04	1/2	391.97	1/2	59.87	1/2		1/2	
3/4	2,518.60	3/4	2,163.21	3/4	1,807.82	3/4	1,452.43	3/4	1,097.03	3/4	741.64	3/4	384.61	3/4	53.70	3/4		3/4	
2	2,511.20	2	2,155.80	2	1,800.41	2	1,445.02	2	1,089.63	2	734.24	2	377.25	2	47.52	2		2	
1/4	2,503.80	1/4	2,148.40	1/4	1,793.01	1/4	1,437.62	1/4	1,082.23	1/4	726.84	1/4	369.90	1/4	41.35	1/4		1/4	
1/2	2,496.39	1/2	2,140.99	1/2	1,785.60	1/2	1,430.21	1/2	1,074.82	1/2	719.43	1/2	362.59	1/2	36.50	1/2		1/2	
3/4	2,488.99	3/4	2,133.59	3/4	1,778.20	3/4	1,422.81	3/4	1,067.42	3/4	712.03	3/4	355.29	3/4	31.65	3/4		3/4	
3	2,481.58	3	2,126.19	3	1,770.80	3	1,415.40	3	1,060.01	3	704.62	3	347.98	3	26.80	3		3	
1/4	2,474.18	1/4	2,118.79	1/4	1,763.40	1/4	1,408.00	1/4	1,052.61	1/4	697.22	1/4	340.68	1/4	21.95	1/4		1/4	
1/2	2,466.77	1/2	2,111.38	1/2	1,755.99	1/2	1,400.59	1/2	1,045.20	1/2	689.81	1/2	333.42	1/2	18.56	1/2		1/2	
3/4	2,459.36	3/4	2,103.98	3/4	1,748.59	3/4	1,393.19	3/4	1,037.80	3/4	682.41	3/4	326.16	3/4		3/4		3/4	
4	2,451.95	4	2,096.57	4	1,741.18	4	1,385.79	4	1,030.40	4	675.00	4	318.90	4		4		4	
1/4	2,444.55	1/4	2,089.17	1/4	1,733.78	1/4	1,378.39	1/4	1,023.00	1/4	667.60	1/4	311.64	1/4		1/4		1/4	
1/2	2,437.15	1/2	2,081.76	1/2	1,726.37	1/2	1,370.98	1/2	1,015.59	1/2	660.19	1/2	304.43	1/2		1/2		1/2	
3/4	2,429.75	3/4	2,074.36	3/4	1,718.97	3/4	1,363.58	3/4	1,008.19	3/4	652.79	3/4	297.23	3/4		3/4		3/4	
5	2,422.35	5	2,066.96	5	1,711.56	5	1,356.17	5	1,000.78	5	645.39	5	290.03	5		5		5	
1/4	2,414.95	1/4	2,059.56	1/4	1,704.16	1/4	1,348.77	1/4	993.38	1/4	637.99	1/4	282.83	1/4		1/4		1/4	
1/2	2,407.54	1/2	2,052.15	1/2	1,696.75	1/2	1,341.36	1/2	985.97	1/2	630.58	1/2	275.72	1/2		1/2		1/2	
3/4	2,400.14	3/4	2,044.75	3/4	1,689.35	3/4	1,333.96	3/4	978.57	3/4	623.18	3/4	268.61	3/4		3/4		3/4	
6	2,392.73	6	2,037.34	6	1,681.95	6	1,326.56	6	971.16	6	615.77	6	261.50	6		6		6	
1/4	2,385.33	1/4	2,029.94	1/4	1,674.55	1/4	1,319.16	1/4	963.76	1/4	608.37	1/4	254.40	1/4		1/4		1/4	
1/2	2,377.92	1/2	2,022.53	1/2	1,667.14	1/2	1,311.75	1/2	956.35	1/2	600.96	1/2	247.32	1/2		1/2		1/2	
3/4	2,370.52	3/4	2,015.13	3/4	1,659.74	3/4	1,304.35	3/4	948.95	3/4	593.56	3/4	240.24	3/4		3/4		3/4	
7	2,363.12	7	2,007.72	7	1,652.33	7	1,296.94	7	941.55	7	586.16	7	233.16	7		7		7	
1/4	2,355.72	1/4	2,000.32	1/4	1,644.93	1/4	1,289.54	1/4	934.15	1/4	578.76	1/4	226.09	1/4		1/4		1/4	
1/2	2,348.31	1/2	1,992.91	1/2	1,637.52	1/2	1,282.13	1/2	926.74	1/2	571.35	1/2	219.10	1/2		1/2		1/2	
3/4	2,340.91	3/4	1,985.51	3/4	1,630.12	3/4	1,274.73	3/4	919.34	3/4	563.95	3/4	212.12	3/4		3/4		3/4	
8	2,333.50	8	1,978.11	8	1,622.72	8	1,267.32	8	911.93	8	556.54	8	205.14	8		8		8	
1/4	2,326.10	1/4	1,970.71	1/4	1,615.32	1/4	1,259.92	1/4	904.53	1/4	549.14	1/4	198.16	1/4		1/4		1/4	
1/2	2,318.69	1/2	1,963.30	1/2	1,607.91	1/2	1,252.51	1/2	897.12	1/2	541.73	1/2	191.20	1/2		1/2		1/2	
3/4	2,311.29	3/4	1,955.90	3/4	1,600.51	3/4	1,245.11	3/4	889.72	3/4	534.33	3/4	184.25	3/4		3/4		3/4	
9	2,303.88	9	1,948.49	9	1,593.10	9	1,237.71	9	882.32	9	526.92	9	177.30	9		9		9	
1/4	2,296.48	1/4	1,941.09	1/4	1,585.70	1/4	1,230.31	1/4	874.92	1/4	519.52	1/4	170.35	1/4		1/4		1/4	
1/2	2,289.07	1/2	1,933.68	1/2	1,578.29	1/2	1,222.90	1/2	867.51	1/2	511.98	1/2	163.67	1/2		1/2		1/2	
3/4	2,281.67	3/4	1,926.28	3/4	1,570.89	3/4	1,215.50	3/4	860.11	3/4	504.45	3/4	156.99	3/4		3/4		3/4	
10	2,274.27	10	1,918.88	10	1,563.48	10	1,208.09	10	852.70	10	496.92	10	150.31	10		10		10	
1/4	2,266.87	1/4	1,911.48	1/4	1,556.08	1/4	1,200.69	1/4	845.30	1/4	489.39	1/4	143.64	1/4		1/4		1/4	
1/2	2,259.46	1/2	1,904.07	1/2	1,548.67	1/2	1,193.28	1/2	837.89	1/2	481.81	1/2	137.05	1/2		1/2		1/2	
3/4	2,252.06	3/4	1,896.67	3/4	1,541.27	3/4	1,185.88	3/4	830.49	3/4	474.23	3/4	130.47	3/4		3/4		3/4	
11	2,244.65	11	1,889.26	11	1,533.87	11	1,178.48	11	823.08	11	466.65	11	123.88	11		11		11	
1/4	2,237.25	1/4	1,881.86	1/4	1,526.47	1/4	1,171.08	1/4	815.68	1/4	459.07	1/4	117.30	1/4		1/4		1/4	
1/2	2,229.84	1/2	1,874.45	1/2	1,519.06	1/2	1,163.67	1/2	808.27	1/2	451.58	1/2	110.87	1/2		1/2		1/2	
3/4	2,222.44	3/4	1,867.05	3/4	1,511.66	3/4	1,156.27	3/4	800.87	3/4	444.10	3/4	104.44	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2011 INS
RECALCULATED: 04/27/2021 SW
REPRINTED: 04/27/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "HTCO 3079"

1 STBD ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 1/4"

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	4,695.38	0	4,339.99	0	3,984.60	0	3,629.20	0	3,273.81	0	2,918.42
1/4		1/4		1/4		1/4		1/4	4,687.97	1/4	4,332.58	1/4	3,977.19	1/4	3,621.80	1/4	3,266.40	1/4	2,911.01
1/2		1/2		1/2		1/2		1/2	4,680.57	1/2	4,325.18	1/2	3,969.79	1/2	3,614.39	1/2	3,259.00	1/2	2,903.61
3/4		3/4		3/4		3/4		3/4	5,015.90	3/4	4,673.16	3/4	4,317.77	3/4	3,962.38	3/4	3,606.99	3/4	3,251.60
1		1		1		1		1	5,011.38	1	4,665.76	1	4,310.37	1	3,954.98	1	3,599.59	1	3,244.20
1/4		1/4		1/4		1/4		1/4	5,005.72	1/4	4,658.36	1/4	4,302.97	1/4	3,947.58	1/4	3,592.18	1/4	3,236.79
1/2		1/2		1/2		1/2		1/2	5,000.06	1/2	4,650.95	1/2	4,295.56	1/2	3,940.18	1/2	3,584.78	1/2	3,229.39
3/4		3/4		3/4		3/4		3/4	4,994.41	3/4	4,643.55	3/4	4,288.16	3/4	3,932.78	3/4	3,577.37	3/4	3,221.98
2		2		2		2		2	4,988.75	2	4,636.15	2	4,280.76	2	3,925.38	2	3,569.97	2	3,214.58
1/4		1/4		1/4		1/4		1/4	4,981.98	1/4	4,628.74	1/4	4,273.35	1/4	3,917.97	1/4	3,562.57	1/4	3,207.17
1/2		1/2		1/2		1/2		1/2	4,975.22	1/2	4,621.34	1/2	4,265.95	1/2	3,910.56	1/2	3,555.16	1/2	3,199.77
3/4		3/4		3/4		3/4		3/4	4,968.45	3/4	4,613.93	3/4	4,258.54	3/4	3,903.16	3/4	3,547.76	3/4	3,192.36
3		3		3		3		3	4,961.69	3	4,606.53	3	4,251.14	3	3,895.75	3	3,540.36	3	3,184.96
1/4		1/4		1/4		1/4		1/4	4,954.34	1/4	4,599.13	1/4	4,243.73	1/4	3,888.34	1/4	3,532.95	1/4	3,177.55
1/2		1/2		1/2		1/2		1/2	4,947.00	1/2	4,591.72	1/2	4,236.33	1/2	3,880.94	1/2	3,525.55	1/2	3,170.15
3/4		3/4		3/4		3/4		3/4	4,939.65	3/4	4,584.32	3/4	4,228.92	3/4	3,873.53	3/4	3,518.14	3/4	3,162.75
4		4		4		4		4	4,932.31	4	4,576.92	4	4,221.52	4	3,866.13	4	3,510.74	4	3,155.35
1/4		1/4		1/4		1/4		1/4	4,924.90	1/4	4,569.51	1/4	4,214.12	1/4	3,858.73	1/4	3,503.33	1/4	3,147.94
1/2		1/2		1/2		1/2		1/2	4,917.50	1/2	4,562.11	1/2	4,206.71	1/2	3,851.32	1/2	3,495.93	1/2	3,140.54
3/4		3/4		3/4		3/4		3/4	4,910.09	3/4	4,554.70	3/4	4,199.31	3/4	3,843.92	3/4	3,488.52	3/4	3,133.13
5		5		5		5		5	4,902.69	5	4,547.30	5	4,191.91	5	3,836.52	5	3,481.12	5	3,125.73
1/4		1/4		1/4		1/4		1/4	4,895.29	1/4	4,539.89	1/4	4,184.50	1/4	3,829.11	1/4	3,473.71	1/4	3,118.32
1/2		1/2		1/2		1/2		1/2	4,887.88	1/2	4,532.49	1/2	4,177.10	1/2	3,821.71	1/2	3,466.31	1/2	3,110.92
3/4		3/4		3/4		3/4		3/4	4,880.48	3/4	4,525.08	3/4	4,169.69	3/4	3,814.30	3/4	3,458.91	3/4	3,103.52
6		6		6		6		6	4,873.08	6	4,517.68	6	4,162.29	6	3,806.90	6	3,451.51	6	3,096.12
1/4		1/4		1/4		1/4		1/4	4,865.67	1/4	4,510.28	1/4	4,154.89	1/4	3,799.49	1/4	3,444.10	1/4	3,088.71
1/2		1/2		1/2		1/2		1/2	4,858.27	1/2	4,502.87	1/2	4,147.48	1/2	3,792.09	1/2	3,436.70	1/2	3,081.31
3/4		3/4		3/4		3/4		3/4	4,850.86	3/4	4,495.47	3/4	4,140.08	3/4	3,784.68	3/4	3,429.29	3/4	3,073.90
7		7		7		7		7	4,843.46	7	4,488.07	7	4,132.68	7	3,777.28	7	3,421.89	7	3,066.50
1/4		1/4		1/4		1/4		1/4	4,836.05	1/4	4,480.66	1/4	4,125.27	1/4	3,769.88	1/4	3,414.48	1/4	3,059.09
1/2		1/2		1/2		1/2		1/2	4,828.65	1/2	4,473.26	1/2	4,117.87	1/2	3,762.47	1/2	3,407.08	1/2	3,051.69
3/4		3/4		3/4		3/4		3/4	4,821.24	3/4	4,465.85	3/4	4,110.46	3/4	3,755.07	3/4	3,399.68	3/4	3,044.28
8		8		8		8		8	4,813.84	8	4,458.45	8	4,103.06	8	3,747.67	8	3,392.28	8	3,036.88
1/4		1/4		1/4		1/4		1/4	4,806.44	1/4	4,451.05	1/4	4,095.65	1/4	3,740.26	1/4	3,384.87	1/4	3,029.47
1/2		1/2		1/2		1/2		1/2	4,799.03	1/2	4,443.64	1/2	4,088.25	1/2	3,732.86	1/2	3,377.47	1/2	3,022.07
3/4		3/4		3/4		3/4		3/4	4,791.63	3/4	4,436.24	3/4	4,080.84	3/4	3,725.45	3/4	3,370.06	3/4	3,014.67
9		9		9		9		9	4,784.23	9	4,428.84	9	4,073.44	9	3,718.05	9	3,362.66	9	3,007.27
1/4		1/4		1/4		1/4		1/4	4,776.82	1/4	4,421.43	1/4	4,066.04	1/4	3,710.65	1/4	3,355.25	1/4	2,999.86
1/2		1/2		1/2		1/2		1/2	4,769.42	1/2	4,414.03	1/2	4,058.63	1/2	3,703.24	1/2	3,347.85	1/2	2,992.46
3/4		3/4		3/4		3/4		3/4	4,762.01	3/4	4,406.62	3/4	4,051.23	3/4	3,695.84	3/4	3,340.44	3/4	2,985.05
10		10		10		10		10	4,754.61	10	4,399.22	10	4,043.83	10	3,688.44	10	3,333.04	10	2,977.65
1/4		1/4		1/4		1/4		1/4	4,747.21	1/4	4,391.81	1/4	4,036.42	1/4	3,681.03	1/4	3,325.63	1/4	2,970.24
1/2		1/2		1/2		1/2		1/2	4,739.80	1/2	4,384.41	1/2	4,029.02	1/2	3,673.63	1/2	3,318.23	1/2	2,962.84
3/4		3/4		3/4		3/4		3/4	4,732.40	3/4	4,377.00	3/4	4,021.61	3/4	3,666.22	3/4	3,310.83	3/4	2,955.44
11		11		11		11		11	4,725.00	11	4,369.60	11	4,014.21	11	3,658.82	11	3,303.43	11	2,948.04
1/4		1/4		1/4		1/4		1/4	4,717.59	1/4	4,362.20	1/4	4,006.81	1/4	3,651.41	1/4	3,296.02	1/4	2,940.63
1/2		1/2		1/2		1/2		1/2	4,710.19	1/2	4,354.79	1/2	3,999.40	1/2	3,644.01	1/2	3,288.62	1/2	2,933.23
3/4		3/4		3/4		3/4		3/4	4,702.78	3/4	4,347.39	3/4	3,992.00	3/4	3,636.60	3/4	3,281.21	3/4	2,925.82

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3079"

1 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/4"

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	2,563.03	0	2,207.64	0	1,852.24	0	1,496.85	0	1,141.46	0	786.07	0	429.14	0	91.58	0		0	
1/4	2,555.62	1/4	2,200.23	1/4	1,844.83	1/4	1,489.44	1/4	1,134.05	1/4	778.66	1/4	421.68	1/4	85.19	1/4		1/4	
1/2	2,548.22	1/2	2,192.83	1/2	1,837.43	1/2	1,482.04	1/2	1,126.65	1/2	771.26	1/2	414.23	1/2	78.81	1/2		1/2	
3/4	2,540.81	3/4	2,185.42	3/4	1,830.03	3/4	1,474.64	3/4	1,119.24	3/4	763.85	3/4	406.78	3/4	72.43	3/4		3/4	
1	2,533.41	1	2,178.02	1	1,822.63	1	1,467.24	1	1,111.84	1	756.45	1	399.33	1	66.05	1		1	
1/4	2,526.00	1/4	2,170.61	1/4	1,815.22	1/4	1,459.83	1/4	1,104.43	1/4	749.04	1/4	391.97	1/4	59.87	1/4		1/4	
1/2	2,518.60	1/2	2,163.21	1/2	1,807.82	1/2	1,452.43	1/2	1,097.03	1/2	741.64	1/2	384.61	1/2	53.70	1/2		1/2	
3/4	2,511.20	3/4	2,155.80	3/4	1,800.41	3/4	1,445.02	3/4	1,089.63	3/4	734.24	3/4	377.25	3/4	47.52	3/4		3/4	
2	2,503.80	2	2,148.40	2	1,793.01	2	1,437.62	2	1,082.23	2	726.84	2	369.90	2	41.35	2		2	
1/4	2,496.39	1/4	2,140.99	1/4	1,785.60	1/4	1,430.21	1/4	1,074.82	1/4	719.43	1/4	362.59	1/4	36.50	1/4		1/4	
1/2	2,488.99	1/2	2,133.59	1/2	1,778.20	1/2	1,422.81	1/2	1,067.42	1/2	712.03	1/2	355.29	1/2	31.65	1/2		1/2	
3/4	2,481.58	3/4	2,126.19	3/4	1,770.80	3/4	1,415.40	3/4	1,060.01	3/4	704.62	3/4	347.98	3/4	26.80	3/4		3/4	
3	2,474.18	3	2,118.79	3	1,763.40	3	1,408.00	3	1,052.61	3	697.22	3	340.68	3	21.95	3		3	
1/4	2,466.77	1/4	2,111.38	1/4	1,755.99	1/4	1,400.59	1/4	1,045.20	1/4	689.81	1/4	333.42	1/4	18.56	1/4		1/4	
1/2	2,459.36	1/2	2,103.98	1/2	1,748.59	1/2	1,393.19	1/2	1,037.80	1/2	682.41	1/2	326.16	1/2		1/2		1/2	
3/4	2,451.95	3/4	2,096.57	3/4	1,741.18	3/4	1,385.79	3/4	1,030.40	3/4	675.00	3/4	318.90	3/4		3/4		3/4	
4	2,444.55	4	2,089.17	4	1,733.78	4	1,378.39	4	1,023.00	4	667.60	4	311.64	4	4	4		4	
1/4	2,437.15	1/4	2,081.76	1/4	1,726.37	1/4	1,370.98	1/4	1,015.59	1/4	660.19	1/4	304.43	1/4		1/4		1/4	
1/2	2,429.75	1/2	2,074.36	1/2	1,718.97	1/2	1,363.58	1/2	1,008.19	1/2	652.79	1/2	297.23	1/2		1/2		1/2	
3/4	2,422.35	3/4	2,066.96	3/4	1,711.56	3/4	1,356.17	3/4	1,000.78	3/4	645.39	3/4	290.03	3/4		3/4		3/4	
5	2,414.95	5	2,059.56	5	1,704.16	5	1,348.77	5	993.38	5	637.99	5	282.83	5	5	5		5	
1/4	2,407.54	1/4	2,052.15	1/4	1,696.75	1/4	1,341.36	1/4	985.97	1/4	630.58	1/4	275.72	1/4		1/4		1/4	
1/2	2,400.14	1/2	2,044.75	1/2	1,689.35	1/2	1,333.96	1/2	978.57	1/2	623.18	1/2	268.61	1/2		1/2		1/2	
3/4	2,392.73	3/4	2,037.34	3/4	1,681.95	3/4	1,326.56	3/4	971.16	3/4	615.77	3/4	261.50	3/4		3/4		3/4	
6	2,385.33	6	2,029.94	6	1,674.55	6	1,319.16	6	963.76	6	608.37	6	254.40	6	6	6		6	
1/4	2,377.92	1/4	2,022.53	1/4	1,667.14	1/4	1,311.75	1/4	956.35	1/4	600.96	1/4	247.32	1/4		1/4		1/4	
1/2	2,370.52	1/2	2,015.13	1/2	1,659.74	1/2	1,304.35	1/2	948.95	1/2	593.56	1/2	240.24	1/2		1/2		1/2	
3/4	2,363.12	3/4	2,007.72	3/4	1,652.33	3/4	1,296.94	3/4	941.55	3/4	586.16	3/4	233.16	3/4		3/4		3/4	
7	2,355.72	7	2,000.32	7	1,644.93	7	1,289.54	7	934.15	7	578.76	7	226.09	7	7	7		7	
1/4	2,348.31	1/4	1,992.91	1/4	1,637.52	1/4	1,282.13	1/4	926.74	1/4	571.35	1/4	219.10	1/4		1/4		1/4	
1/2	2,340.91	1/2	1,985.51	1/2	1,630.12	1/2	1,274.73	1/2	919.34	1/2	563.95	1/2	212.12	1/2		1/2		1/2	
3/4	2,333.50	3/4	1,978.11	3/4	1,622.72	3/4	1,267.32	3/4	911.93	3/4	556.54	3/4	205.14	3/4		3/4		3/4	
8	2,326.10	8	1,970.71	8	1,615.32	8	1,259.92	8	904.53	8	549.14	8	198.16	8	8	8		8	
1/4	2,318.69	1/4	1,963.30	1/4	1,607.91	1/4	1,252.51	1/4	897.12	1/4	541.73	1/4	191.20	1/4		1/4		1/4	
1/2	2,311.29	1/2	1,955.90	1/2	1,600.51	1/2	1,245.11	1/2	889.72	1/2	534.33	1/2	184.25	1/2		1/2		1/2	
3/4	2,303.88	3/4	1,948.49	3/4	1,593.10	3/4	1,237.71	3/4	882.32	3/4	526.92	3/4	177.30	3/4		3/4		3/4	
9	2,296.48	9	1,941.09	9	1,585.70	9	1,230.31	9	874.92	9	519.52	9	170.35	9	9	9		9	
1/4	2,289.07	1/4	1,933.68	1/4	1,578.29	1/4	1,222.90	1/4	867.51	1/4	511.98	1/4	163.67	1/4		1/4		1/4	
1/2	2,281.67	1/2	1,926.28	1/2	1,570.89	1/2	1,215.50	1/2	860.11	1/2	504.45	1/2	156.99	1/2		1/2		1/2	
3/4	2,274.27	3/4	1,918.88	3/4	1,563.48	3/4	1,208.09	3/4	852.70	3/4	496.92	3/4	150.31	3/4		3/4		3/4	
10	2,266.87	10	1,911.48	10	1,556.08	10	1,200.69	10	845.30	10	489.39	10	143.64	10	10	10		10	
1/4	2,259.46	1/4	1,904.07	1/4	1,548.67	1/4	1,193.28	1/4	837.89	1/4	481.81	1/4	137.05	1/4		1/4		1/4	
1/2	2,252.06	1/2	1,896.67	1/2	1,541.27	1/2	1,185.88	1/2	830.49	1/2	474.23	1/2	130.47	1/2		1/2		1/2	
3/4	2,244.65	3/4	1,889.26	3/4	1,533.87	3/4	1,178.48	3/4	823.08	3/4	466.65	3/4	123.88	3/4		3/4		3/4	
11	2,237.25	11	1,881.86	11	1,526.47	11	1,171.08	11	815.68	11	459.07	11	117.30	11	11	11		11	
1/4	2,229.84	1/4	1,874.45	1/4	1,519.06	1/4	1,163.67	1/4	808.27	1/4	451.58	1/4	110.87	1/4		1/4		1/4	
1/2	2,222.44	1/2	1,867.05	1/2	1,511.66	1/2	1,156.27	1/2	800.87	1/2	444.10	1/2	104.44	1/2		1/2		1/2	
3/4	2,215.04	3/4	1,859.64	3/4	1,504.25	3/4	1,148.86	3/4	793.47	3/4	436.62	3/4	98.01	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2011 INS
RECALCULATED: 04/27/2021 SW
REPRINTED: 04/27/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3079"

2 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 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		0	4,779.91	0	4,423.81	0	4,063.28	0	3,702.76	0	3,342.23	0	2,981.70
1/4		1/4		1/4		1/4		1/4	4,772.77	1/4	4,416.30	1/4	4,055.77	1/4	3,695.25	1/4	3,334.72	1/4	2,974.19
1/2		1/2		1/2		1/2		1/2	4,765.63	1/2	4,408.79	1/2	4,048.26	1/2	3,687.74	1/2	3,327.21	1/2	2,966.68
3/4		3/4		3/4		3/4		3/4	4,758.49	3/4	4,401.28	3/4	4,040.75	3/4	3,680.22	3/4	3,319.69	3/4	2,959.17
1		1		1		1	5,080.32	1	4,751.34	1	4,333.77	1	4,033.24	1	3,672.71	1	3,312.18	1	2,951.66
1/4		1/4		1/4		1/4	5,076.06	1/4	4,744.20	1/4	4,386.26	1/4	4,025.73	1/4	3,665.20	1/4	3,304.67	1/4	2,944.15
1/2		1/2		1/2		1/2	5,070.74	1/2	4,737.06	1/2	4,378.75	1/2	4,018.22	1/2	3,657.69	1/2	3,297.16	1/2	2,936.64
3/4		3/4		3/4		3/4	5,065.41	3/4	4,729.92	3/4	4,371.24	3/4	4,010.71	3/4	3,650.18	3/4	3,289.65	3/4	2,929.12
2		2		2		2	5,060.09	2	4,722.78	2	4,363.73	2	4,003.20	2	3,642.67	2	3,282.14	2	2,921.61
1/4		1/4		1/4		1/4	5,054.76	1/4	4,715.64	1/4	4,356.22	1/4	3,995.69	1/4	3,635.16	1/4	3,274.63	1/4	2,914.10
1/2		1/2		1/2		1/2	5,048.41	1/2	4,708.41	1/2	4,348.71	1/2	3,988.18	1/2	3,627.65	1/2	3,267.12	1/2	2,906.59
3/4		3/4		3/4		3/4	5,042.06	3/4	4,701.17	3/4	4,341.20	3/4	3,980.67	3/4	3,620.13	3/4	3,259.61	3/4	2,899.08
3		3		3		3	5,035.70	3	4,693.94	3	4,333.68	3	3,973.15	3	3,612.62	3	3,252.10	3	2,891.57
1/4		1/4		1/4		1/4	5,029.35	1/4	4,686.70	1/4	4,326.17	1/4	3,965.64	1/4	3,605.11	1/4	3,244.59	1/4	2,884.06
1/2		1/2		1/2		1/2	5,022.34	1/2	4,679.19	1/2	4,318.66	1/2	3,958.13	1/2	3,597.60	1/2	3,237.08	1/2	2,876.55
3/4		3/4		3/4		3/4	5,015.34	3/4	4,671.68	3/4	4,311.15	3/4	3,950.62	3/4	3,590.09	3/4	3,229.56	3/4	2,869.03
4		4		4		4	5,008.33	4	4,664.17	4	4,303.64	4	3,943.11	4	3,582.58	4	3,222.05	4	2,861.52
1/4		1/4		1/4		1/4	5,001.32	1/4	4,656.66	1/4	4,296.13	1/4	3,935.60	1/4	3,575.07	1/4	3,214.54	1/4	2,854.01
1/2		1/2		1/2		1/2	4,994.18	1/2	4,649.15	1/2	4,288.62	1/2	3,928.09	1/2	3,567.56	1/2	3,207.03	1/2	2,846.50
3/4		3/4		3/4		3/4	4,987.04	3/4	4,641.64	3/4	4,281.11	3/4	3,920.58	3/4	3,560.05	3/4	3,199.52	3/4	2,838.99
5		5		5		5	4,979.89	5	4,634.12	5	4,273.59	5	3,913.06	5	3,552.54	5	3,192.01	5	2,831.48
1/4		1/4		1/4		1/4	4,972.75	1/4	4,626.61	1/4	4,266.08	1/4	3,905.55	1/4	3,545.03	1/4	3,184.50	1/4	2,823.97
1/2		1/2		1/2		1/2	4,965.61	1/2	4,619.10	1/2	4,258.57	1/2	3,898.04	1/2	3,537.52	1/2	3,176.99	1/2	2,816.46
3/4		3/4		3/4		3/4	4,958.47	3/4	4,611.59	3/4	4,251.06	3/4	3,890.53	3/4	3,530.00	3/4	3,169.47	3/4	2,808.95
6		6		6		6	4,951.32	6	4,604.08	6	4,243.55	6	3,883.02	6	3,522.49	6	3,161.96	6	2,801.44
1/4		1/4		1/4		1/4	4,944.18	1/4	4,596.57	1/4	4,236.04	1/4	3,875.51	1/4	3,514.98	1/4	3,154.45	1/4	2,793.93
1/2		1/2		1/2		1/2	4,937.04	1/2	4,589.06	1/2	4,228.53	1/2	3,868.00	1/2	3,507.47	1/2	3,146.94	1/2	2,786.42
3/4		3/4		3/4		3/4	4,929.90	3/4	4,581.55	3/4	4,221.02	3/4	3,860.49	3/4	3,499.96	3/4	3,139.43	3/4	2,778.90
7		7		7		7	4,922.75	7	4,574.03	7	4,213.50	7	3,852.98	7	3,492.45	7	3,131.92	7	2,771.39
1/4		1/4		1/4		1/4	4,915.61	1/4	4,566.52	1/4	4,205.99	1/4	3,845.47	1/4	3,484.94	1/4	3,124.41	1/4	2,763.88
1/2		1/2		1/2		1/2	4,908.47	1/2	4,559.01	1/2	4,198.48	1/2	3,837.96	1/2	3,477.43	1/2	3,116.90	1/2	2,756.37
3/4		3/4		3/4		3/4	4,901.33	3/4	4,551.50	3/4	4,190.97	3/4	3,830.45	3/4	3,469.91	3/4	3,109.39	3/4	2,748.86
8		8		8		8	4,894.18	8	4,543.99	8	4,183.46	8	3,822.93	8	3,462.40	8	3,101.88	8	2,741.35
1/4		1/4		1/4		1/4	4,887.04	1/4	4,536.48	1/4	4,175.95	1/4	3,815.42	1/4	3,454.89	1/4	3,094.37	1/4	2,733.84
1/2		1/2		1/2		1/2	4,879.90	1/2	4,528.97	1/2	4,168.44	1/2	3,807.91	1/2	3,447.38	1/2	3,086.86	1/2	2,726.33
3/4		3/4		3/4		3/4	4,872.76	3/4	4,521.46	3/4	4,160.93	3/4	3,800.40	3/4	3,439.87	3/4	3,079.34	3/4	2,718.81
9		9		9		9	4,865.62	9	4,513.95	9	4,153.42	9	3,792.89	9	3,432.36	9	3,071.83	9	2,711.30
1/4		1/4		1/4		1/4	4,858.48	1/4	4,506.44	1/4	4,145.91	1/4	3,785.38	1/4	3,424.85	1/4	3,064.32	1/4	2,703.79
1/2		1/2		1/2		1/2	4,851.34	1/2	4,498.93	1/2	4,138.40	1/2	3,777.87	1/2	3,417.34	1/2	3,056.81	1/2	2,696.28
3/4		3/4		3/4		3/4	4,844.20	3/4	4,491.42	3/4	4,130.89	3/4	3,770.36	3/4	3,409.83	3/4	3,049.30	3/4	2,688.77
10		10		10		10	4,837.05	10	4,483.90	10	4,123.37	10	3,762.84	10	3,402.32	10	3,041.79	10	2,681.26
1/4		1/4		1/4		1/4	4,829.91	1/4	4,476.39	1/4	4,115.86	1/4	3,755.33	1/4	3,394.81	1/4	3,034.28	1/4	2,673.75
1/2		1/2		1/2		1/2	4,822.77	1/2	4,468.88	1/2	4,108.35	1/2	3,747.82	1/2	3,387.30	1/2	3,026.77	1/2	2,666.24
3/4		3/4		3/4		3/4	4,815.63	3/4	4,461.37	3/4	4,100.84	3/4	3,740.31	3/4	3,379.78	3/4	3,019.25	3/4	2,658.73
11		11		11		11	4,808.48	11	4,453.86	11	4,093.33	11	3,732.80	11	3,372.27	11	3,011.74	11	2,651.22
1/4		1/4		1/4		1/4	4,801.34	1/4	4,446.35	1/4	4,085.82	1/4	3,725.29	1/4	3,364.76	1/4	3,004.23	1/4	2,643.71
1/2		1/2		1/2		1/2	4,794.20	1/2	4,438.84	1/2	4,078.31	1/2	3,717.78	1/2	3,357.25	1/2	2,996.72	1/2	2,636.20
3/4		3/4		3/4		3/4	4,787.06	3/4	4,431.33	3/4	4,070.80	3/4	3,710.27	3/4	3,349.74	3/4	2,989.21	3/4	2,628.68

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3079"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,621.17	0	2,260.64	0	1,900.12	0	1,539.59	0	1,179.06	0	818.53	0	458.01	0	103.82	0		0	
1/4	2,613.66	1/4	2,253.13	1/4	1,892.61	1/4	1,532.08	1/4	1,171.55	1/4	811.02	1/4	450.50	1/4	96.94	1/4		1/4	
1/2	2,606.15	1/2	2,245.62	1/2	1,885.10	1/2	1,524.57	1/2	1,164.04	1/2	803.51	1/2	442.99	1/2	90.06	1/2		1/2	
3/4	2,598.64	3/4	2,238.11	3/4	1,877.58	3/4	1,517.06	3/4	1,156.53	3/4	796.00	3/4	435.47	3/4	83.18	3/4		3/4	
1	2,591.13	1	2,230.60	1	1,870.07	1	1,509.55	1	1,149.02	1	788.49	1	427.96	1	76.31	1		1	
1/4	2,583.62	1/4	2,223.09	1/4	1,862.56	1/4	1,502.04	1/4	1,141.51	1/4	780.98	1/4	420.45	1/4	69.43	1/4		1/4	
1/2	2,576.11	1/2	2,215.58	1/2	1,855.05	1/2	1,494.53	1/2	1,134.00	1/2	773.47	1/2	412.94	1/2	62.68	1/2		1/2	
3/4	2,568.59	3/4	2,208.07	3/4	1,847.54	3/4	1,487.01	3/4	1,126.48	3/4	765.96	3/4	405.43	3/4	55.92	3/4		3/4	
2	2,561.08	2	2,200.56	2	1,840.03	2	1,479.50	2	1,118.97	2	758.45	2	397.92	2	49.17	2		2	
1/4	2,553.57	1/4	2,193.05	1/4	1,832.52	1/4	1,471.99	1/4	1,111.46	1/4	750.94	1/4	390.41	1/4	42.42	1/4		1/4	
1/2	2,546.06	1/2	2,185.54	1/2	1,825.01	1/2	1,464.48	1/2	1,103.95	1/2	743.43	1/2	382.90	1/2	37.20	1/2		1/2	
3/4	2,538.55	3/4	2,178.02	3/4	1,817.50	3/4	1,456.97	3/4	1,096.44	3/4	735.91	3/4	375.39	3/4	31.97	3/4		3/4	
3	2,531.04	3	2,170.51	3	1,809.99	3	1,449.46	3	1,088.93	3	728.40	3	367.89	3	26.75	3		3	
1/4	2,523.53	1/4	2,163.00	1/4	1,802.48	1/4	1,441.95	1/4	1,081.42	1/4	720.89	1/4	360.38	1/4	21.53	1/4		1/4	
1/2	2,516.02	1/2	2,155.49	1/2	1,794.97	1/2	1,434.44	1/2	1,073.91	1/2	713.38	1/2	352.86	1/2	18.01	1/2		1/2	
3/4	2,508.51	3/4	2,147.98	3/4	1,787.45	3/4	1,426.92	3/4	1,066.40	3/4	705.87	3/4	345.35	3/4		3/4		3/4	
4	2,501.00	4	2,140.47	4	1,779.94	4	1,419.41	4	1,058.89	4	698.36	4	337.83	4		4		4	
1/4	2,493.49	1/4	2,132.96	1/4	1,772.43	1/4	1,411.90	1/4	1,051.38	1/4	690.85	1/4	330.32	1/4		1/4		1/4	
1/2	2,485.98	1/2	2,125.45	1/2	1,764.92	1/2	1,404.39	1/2	1,043.87	1/2	683.34	1/2	322.81	1/2		1/2		1/2	
3/4	2,478.46	3/4	2,117.93	3/4	1,757.41	3/4	1,396.88	3/4	1,036.35	3/4	675.82	3/4	315.30	3/4		3/4		3/4	
5	2,470.95	5	2,110.42	5	1,749.90	5	1,389.37	5	1,028.84	5	668.31	5	307.79	5		5		5	
1/4	2,463.44	1/4	2,102.91	1/4	1,742.39	1/4	1,381.86	1/4	1,021.33	1/4	660.80	1/4	300.28	1/4		1/4		1/4	
1/2	2,455.93	1/2	2,095.40	1/2	1,734.88	1/2	1,374.35	1/2	1,013.82	1/2	653.29	1/2	292.77	1/2		1/2		1/2	
3/4	2,448.42	3/4	2,087.89	3/4	1,727.36	3/4	1,366.84	3/4	1,006.31	3/4	645.78	3/4	285.25	3/4		3/4		3/4	
6	2,440.91	6	2,080.38	6	1,719.85	6	1,359.33	6	998.80	6	638.27	6	277.74	6		6		6	
1/4	2,433.40	1/4	2,072.87	1/4	1,712.34	1/4	1,351.82	1/4	991.29	1/4	630.76	1/4	270.23	1/4		1/4		1/4	
1/2	2,425.89	1/2	2,065.36	1/2	1,704.83	1/2	1,344.31	1/2	983.78	1/2	623.25	1/2	262.72	1/2		1/2		1/2	
3/4	2,418.37	3/4	2,057.85	3/4	1,697.32	3/4	1,336.79	3/4	976.26	3/4	615.74	3/4	255.21	3/4		3/4		3/4	
7	2,410.86	7	2,050.34	7	1,689.81	7	1,329.28	7	968.75	7	608.23	7	247.70	7		7		7	
1/4	2,403.35	1/4	2,042.83	1/4	1,682.30	1/4	1,321.77	1/4	961.24	1/4	600.72	1/4	240.19	1/4		1/4		1/4	
1/2	2,395.84	1/2	2,035.32	1/2	1,674.79	1/2	1,314.26	1/2	953.73	1/2	593.21	1/2	232.68	1/2		1/2		1/2	
3/4	2,388.33	3/4	2,027.80	3/4	1,667.28	3/4	1,306.75	3/4	946.22	3/4	585.69	3/4	225.16	3/4		3/4		3/4	
8	2,380.82	8	2,020.29	8	1,659.77	8	1,299.24	8	938.71	8	578.18	8	217.65	8		8		8	
1/4	2,373.31	1/4	2,012.78	1/4	1,652.26	1/4	1,291.73	1/4	931.20	1/4	570.67	1/4	210.14	1/4		1/4		1/4	
1/2	2,365.80	1/2	2,005.27	1/2	1,644.75	1/2	1,284.22	1/2	923.69	1/2	563.16	1/2	202.63	1/2		1/2		1/2	
3/4	2,358.29	3/4	1,997.76	3/4	1,637.23	3/4	1,276.70	3/4	916.17	3/4	555.65	3/4	195.12	3/4		3/4		3/4	
9	2,350.78	9	1,990.25	9	1,629.72	9	1,269.19	9	908.66	9	548.14	9	187.61	9		9		9	
1/4	2,343.27	1/4	1,982.74	1/4	1,622.21	1/4	1,261.68	1/4	901.15	1/4	540.63	1/4	180.10	1/4		1/4		1/4	
1/2	2,335.76	1/2	1,975.23	1/2	1,614.70	1/2	1,254.17	1/2	893.64	1/2	533.12	1/2	173.06	1/2		1/2		1/2	
3/4	2,328.24	3/4	1,967.71	3/4	1,607.19	3/4	1,246.66	3/4	886.13	3/4	525.60	3/4	166.03	3/4		3/4		3/4	
10	2,320.73	10	1,960.20	10	1,599.68	10	1,239.15	10	878.62	10	518.09	10	158.99	10		10		10	
1/4	2,313.22	1/4	1,952.69	1/4	1,592.17	1/4	1,231.64	1/4	871.11	1/4	510.58	1/4	151.96	1/4		1/4		1/4	
1/2	2,305.71	1/2	1,945.18	1/2	1,584.66	1/2	1,224.13	1/2	863.60	1/2	503.07	1/2	145.08	1/2		1/2		1/2	
3/4	2,298.20	3/4	1,937.67	3/4	1,577.14	3/4	1,216.62	3/4	856.09	3/4	495.56	3/4	138.20	3/4		3/4		3/4	
11	2,290.69	11	1,930.16	11	1,569.63	11	1,209.11	11	848.58	11	488.05	11	131.33	11		11		11	
1/4	2,283.18	1/4	1,922.65	1/4	1,562.12	1/4	1,201.60	1/4	841.07	1/4	480.54	1/4	124.45	1/4		1/4		1/4	
1/2	2,275.67	1/2	1,915.14	1/2	1,554.61	1/2	1,194.09	1/2	833.56	1/2	473.03	1/2	117.57	1/2		1/2		1/2	
3/4	2,268.15	3/4	1,907.63	3/4	1,547.10	3/4	1,186.57	3/4	826.04	3/4	465.52	3/4	110.69	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2011 INS
RECALCULATED: 04/27/2021 SW
REPRINTED: 04/27/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "HTCO 3079"

2 STBD ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	4,772.77	0	4,416.30	0	4,055.77	0	3,695.25	0	3,334.72	0	2,974.19		
1/4		1/4		1/4		1/4		1/4	4,765.63	1/4	4,408.79	1/4	4,048.26	1/4	3,687.74	1/4	3,327.21	1/4	2,966.68		
1/2		1/2		1/2		1/2		1/2	4,758.49	1/2	4,401.28	1/2	4,040.75	1/2	3,680.22	1/2	3,319.69	1/2	2,959.17		
3/4		3/4		3/4		3/4		3/4	5,080.32	3/4	4,751.34	3/4	4,393.77	3/4	4,033.24	3/4	3,672.71	3/4	3,312.18	3/4	2,951.66
1		1		1		1		1	5,076.06	1	4,744.20	1	4,386.26	1	4,025.73	1	3,665.20	1	3,304.67	1	2,944.15
1/4		1/4		1/4		1/4		1/4	5,070.74	1/4	4,737.06	1/4	4,378.75	1/4	4,018.22	1/4	3,657.69	1/4	3,297.16	1/4	2,936.64
1/2		1/2		1/2		1/2		1/2	5,065.41	1/2	4,729.92	1/2	4,371.24	1/2	4,010.71	1/2	3,650.18	1/2	3,289.65	1/2	2,929.12
3/4		3/4		3/4		3/4		3/4	5,060.09	3/4	4,722.78	3/4	4,363.73	3/4	4,003.20	3/4	3,642.67	3/4	3,282.14	3/4	2,921.61
2		2		2		2		2	5,054.76	2	4,715.64	2	4,356.22	2	3,995.69	2	3,635.16	2	3,274.63	2	2,914.10
1/4		1/4		1/4		1/4		1/4	5,048.41	1/4	4,708.41	1/4	4,348.71	1/4	3,988.18	1/4	3,627.65	1/4	3,267.12	1/4	2,906.59
1/2		1/2		1/2		1/2		1/2	5,042.06	1/2	4,701.17	1/2	4,341.20	1/2	3,980.67	1/2	3,620.13	1/2	3,259.61	1/2	2,899.08
3/4		3/4		3/4		3/4		3/4	5,035.70	3/4	4,693.94	3/4	4,333.68	3/4	3,973.15	3/4	3,612.62	3/4	3,252.10	3/4	2,891.57
3		3		3		3		3	5,029.35	3	4,686.70	3	4,326.17	3	3,965.64	3	3,605.11	3	3,244.59	3	2,884.06
1/4		1/4		1/4		1/4		1/4	5,022.34	1/4	4,679.19	1/4	4,318.66	1/4	3,958.13	1/4	3,597.60	1/4	3,237.08	1/4	2,876.55
1/2		1/2		1/2		1/2		1/2	5,015.34	1/2	4,671.68	1/2	4,311.15	1/2	3,950.62	1/2	3,590.09	1/2	3,229.56	1/2	2,869.03
3/4		3/4		3/4		3/4		3/4	5,008.33	3/4	4,664.17	3/4	4,303.64	3/4	3,943.11	3/4	3,582.58	3/4	3,222.05	3/4	2,861.52
4		4		4		4		4	5,001.32	4	4,656.66	4	4,296.13	4	3,935.60	4	3,575.07	4	3,214.54	4	2,854.01
1/4		1/4		1/4		1/4		1/4	4,994.18	1/4	4,649.15	1/4	4,288.62	1/4	3,928.09	1/4	3,567.56	1/4	3,207.03	1/4	2,846.50
1/2		1/2		1/2		1/2		1/2	4,987.04	1/2	4,641.64	1/2	4,281.11	1/2	3,920.58	1/2	3,560.05	1/2	3,199.52	1/2	2,838.99
3/4		3/4		3/4		3/4		3/4	4,979.89	3/4	4,634.12	3/4	4,273.59	3/4	3,913.06	3/4	3,552.54	3/4	3,192.01	3/4	2,831.48
5		5		5		5		5	4,972.75	5	4,626.61	5	4,266.08	5	3,905.55	5	3,545.03	5	3,184.50	5	2,823.97
1/4		1/4		1/4		1/4		1/4	4,965.61	1/4	4,619.10	1/4	4,258.57	1/4	3,898.04	1/4	3,537.52	1/4	3,176.99	1/4	2,816.46
1/2		1/2		1/2		1/2		1/2	4,958.47	1/2	4,611.59	1/2	4,251.06	1/2	3,890.53	1/2	3,530.00	1/2	3,169.47	1/2	2,808.95
3/4		3/4		3/4		3/4		3/4	4,951.32	3/4	4,604.08	3/4	4,243.55	3/4	3,883.02	3/4	3,522.49	3/4	3,161.96	3/4	2,801.44
6		6		6		6		6	4,944.18	6	4,596.57	6	4,236.04	6	3,875.51	6	3,514.98	6	3,154.45	6	2,793.93
1/4		1/4		1/4		1/4		1/4	4,937.04	1/4	4,589.06	1/4	4,228.53	1/4	3,868.00	1/4	3,507.47	1/4	3,146.94	1/4	2,786.42
1/2		1/2		1/2		1/2		1/2	4,929.90	1/2	4,581.55	1/2	4,221.02	1/2	3,860.49	1/2	3,499.96	1/2	3,139.43	1/2	2,778.90
3/4		3/4		3/4		3/4		3/4	4,922.75	3/4	4,574.03	3/4	4,213.50	3/4	3,852.98	3/4	3,492.45	3/4	3,131.92	3/4	2,771.39
7		7		7		7		7	4,915.61	7	4,566.52	7	4,205.99	7	3,845.47	7	3,484.94	7	3,124.41	7	2,763.88
1/4		1/4		1/4		1/4		1/4	4,908.47	1/4	4,559.01	1/4	4,198.48	1/4	3,837.96	1/4	3,477.43	1/4	3,116.90	1/4	2,756.37
1/2		1/2		1/2		1/2		1/2	4,901.33	1/2	4,551.50	1/2	4,190.97	1/2	3,830.45	1/2	3,469.91	1/2	3,109.39	1/2	2,748.86
3/4		3/4		3/4		3/4		3/4	4,894.18	3/4	4,543.99	3/4	4,183.46	3/4	3,822.93	3/4	3,462.40	3/4	3,101.88	3/4	2,741.35
8		8		8		8		8	4,887.04	8	4,536.48	8	4,175.95	8	3,815.42	8	3,454.89	8	3,094.37	8	2,733.84
1/4		1/4		1/4		1/4		1/4	4,879.90	1/4	4,528.97	1/4	4,168.44	1/4	3,807.91	1/4	3,447.38	1/4	3,086.86	1/4	2,726.33
1/2		1/2		1/2		1/2		1/2	4,872.76	1/2	4,521.46	1/2	4,160.93	1/2	3,800.40	1/2	3,439.87	1/2	3,079.34	1/2	2,718.81
3/4		3/4		3/4		3/4		3/4	4,865.62	3/4	4,513.95	3/4	4,153.42	3/4	3,792.89	3/4	3,432.36	3/4	3,071.83	3/4	2,711.30
9		9		9		9		9	4,858.48	9	4,506.44	9	4,145.91	9	3,785.38	9	3,424.85	9	3,064.32	9	2,703.79
1/4		1/4		1/4		1/4		1/4	4,851.34	1/4	4,498.93	1/4	4,138.40	1/4	3,777.87	1/4	3,417.34	1/4	3,056.81	1/4	2,696.28
1/2		1/2		1/2		1/2		1/2	4,844.20	1/2	4,491.42	1/2	4,130.89	1/2	3,770.36	1/2	3,409.83	1/2	3,049.30	1/2	2,688.77
3/4		3/4		3/4		3/4		3/4	4,837.05	3/4	4,483.90	3/4	4,123.37	3/4	3,762.84	3/4	3,402.32	3/4	3,041.79	3/4	2,681.26
10		10		10		10		10	4,829.91	10	4,476.39	10	4,115.86	10	3,755.33	10	3,394.81	10	3,034.28	10	2,673.75
1/4		1/4		1/4		1/4		1/4	4,822.77	1/4	4,468.88	1/4	4,108.35	1/4	3,747.82	1/4	3,387.30	1/4	3,026.77	1/4	2,666.24
1/2		1/2		1/2		1/2		1/2	4,815.63	1/2	4,461.37	1/2	4,100.84	1/2	3,740.31	1/2	3,379.78	1/2	3,019.25	1/2	2,658.73
3/4		3/4		3/4		3/4		3/4	4,808.48	3/4	4,453.86	3/4	4,093.33	3/4	3,732.80	3/4	3,372.27	3/4	3,011.74	3/4	2,651.22
11		11		11		11		11	4,801.34	11	4,446.35	11	4,085.82	11	3,725.29	11	3,364.76	11	3,004.23	11	2,643.71
1/4		1/4		1/4		1/4		1/4	4,794.20	1/4	4,438.84	1/4	4,078.31	1/4	3,717.78	1/4	3,357.25	1/4	2,996.72	1/4	2,636.20
1/2		1/2		1/2		1/2		1/2	4,787.06	1/2	4,431.33	1/2	4,070.80	1/2	3,710.27	1/2	3,349.74	1/2	2,989.21	1/2	2,628.68
3/4		3/4		3/4		3/4		3/4	4,779.91	3/4	4,423.81	3/4	4,063.28	3/4	3,702.76	3/4	3,342.23	3/4	2,981.70	3/4	2,621.17

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3079"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/4"

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	2,613.66	0	2,253.13	0	1,892.61	0	1,532.08	0	1,171.55	0	811.02	0	450.50	0	96.94	0		0	
1/4	2,606.15	1/4	2,245.62	1/4	1,885.10	1/4	1,524.57	1/4	1,164.04	1/4	803.51	1/4	442.99	1/4	90.06	1/4		1/4	
1/2	2,598.64	1/2	2,238.11	1/2	1,877.58	1/2	1,517.06	1/2	1,156.53	1/2	796.00	1/2	435.47	1/2	83.18	1/2		1/2	
3/4	2,591.13	3/4	2,230.60	3/4	1,870.07	3/4	1,509.55	3/4	1,149.02	3/4	788.49	3/4	427.96	3/4	76.31	3/4		3/4	
1	2,583.62	1	2,223.09	1	1,862.56	1	1,502.04	1	1,141.51	1	780.98	1	420.45	1	69.43	1		1	
1/4	2,576.11	1/4	2,215.58	1/4	1,855.05	1/4	1,494.53	1/4	1,134.00	1/4	773.47	1/4	412.94	1/4	62.68	1/4		1/4	
1/2	2,568.59	1/2	2,208.07	1/2	1,847.54	1/2	1,487.01	1/2	1,126.48	1/2	765.96	1/2	405.43	1/2	55.92	1/2		1/2	
3/4	2,561.08	3/4	2,200.56	3/4	1,840.03	3/4	1,479.50	3/4	1,118.97	3/4	758.45	3/4	397.92	3/4	49.17	3/4		3/4	
2	2,553.57	2	2,193.05	2	1,832.52	2	1,471.99	2	1,111.46	2	750.94	2	390.41	2	42.42	2		2	
1/4	2,546.06	1/4	2,185.54	1/4	1,825.01	1/4	1,464.48	1/4	1,103.95	1/4	743.43	1/4	382.90	1/4	37.20	1/4		1/4	
1/2	2,538.55	1/2	2,178.02	1/2	1,817.50	1/2	1,456.97	1/2	1,096.44	1/2	735.91	1/2	375.39	1/2	31.97	1/2		1/2	
3/4	2,531.04	3/4	2,170.51	3/4	1,809.99	3/4	1,449.46	3/4	1,088.93	3/4	728.40	3/4	367.89	3/4	26.75	3/4		3/4	
3	2,523.53	3	2,163.00	3	1,802.48	3	1,441.95	3	1,081.42	3	720.89	3	360.38	3	21.53	3		3	
1/4	2,516.02	1/4	2,155.49	1/4	1,794.97	1/4	1,434.44	1/4	1,073.91	1/4	713.38	1/4	352.86	1/4	18.01	1/4		1/4	
1/2	2,508.51	1/2	2,147.98	1/2	1,787.45	1/2	1,426.92	1/2	1,066.40	1/2	705.87	1/2	345.35	1/2		1/2		1/2	
3/4	2,501.00	3/4	2,140.47	3/4	1,779.94	3/4	1,419.41	3/4	1,058.89	3/4	698.36	3/4	337.83	3/4		3/4		3/4	
4	2,493.49	4	2,132.96	4	1,772.43	4	1,411.90	4	1,051.38	4	690.85	4	330.32	4		4		4	
1/4	2,485.98	1/4	2,125.45	1/4	1,764.92	1/4	1,404.39	1/4	1,043.87	1/4	683.34	1/4	322.81	1/4		1/4		1/4	
1/2	2,478.46	1/2	2,117.93	1/2	1,757.41	1/2	1,396.88	1/2	1,036.35	1/2	675.82	1/2	315.30	1/2		1/2		1/2	
3/4	2,470.95	3/4	2,110.42	3/4	1,749.90	3/4	1,389.37	3/4	1,028.84	3/4	668.31	3/4	307.79	3/4		3/4		3/4	
5	2,463.44	5	2,102.91	5	1,742.39	5	1,381.86	5	1,021.33	5	660.80	5	300.28	5		5		5	
1/4	2,455.93	1/4	2,095.40	1/4	1,734.88	1/4	1,374.35	1/4	1,013.82	1/4	653.29	1/4	292.77	1/4		1/4		1/4	
1/2	2,448.42	1/2	2,087.89	1/2	1,727.36	1/2	1,366.84	1/2	1,006.31	1/2	645.78	1/2	285.25	1/2		1/2		1/2	
3/4	2,440.91	3/4	2,080.38	3/4	1,719.85	3/4	1,359.33	3/4	998.80	3/4	638.27	3/4	277.74	3/4		3/4		3/4	
6	2,433.40	6	2,072.87	6	1,712.34	6	1,351.82	6	991.29	6	630.76	6	270.23	6		6		6	
1/4	2,425.89	1/4	2,065.36	1/4	1,704.83	1/4	1,344.31	1/4	983.78	1/4	623.25	1/4	262.72	1/4		1/4		1/4	
1/2	2,418.37	1/2	2,057.85	1/2	1,697.32	1/2	1,336.79	1/2	976.26	1/2	615.74	1/2	255.21	1/2		1/2		1/2	
3/4	2,410.86	3/4	2,050.34	3/4	1,689.81	3/4	1,329.28	3/4	968.75	3/4	608.23	3/4	247.70	3/4		3/4		3/4	
7	2,403.35	7	2,042.83	7	1,682.30	7	1,321.77	7	961.24	7	600.72	7	240.19	7		7		7	
1/4	2,395.84	1/4	2,035.32	1/4	1,674.79	1/4	1,314.26	1/4	953.73	1/4	593.21	1/4	232.68	1/4		1/4		1/4	
1/2	2,388.33	1/2	2,027.80	1/2	1,667.28	1/2	1,306.75	1/2	946.22	1/2	585.69	1/2	225.16	1/2		1/2		1/2	
3/4	2,380.82	3/4	2,020.29	3/4	1,659.77	3/4	1,299.24	3/4	938.71	3/4	578.18	3/4	217.65	3/4		3/4		3/4	
8	2,373.31	8	2,012.78	8	1,652.26	8	1,291.73	8	931.20	8	570.67	8	210.14	8		8		8	
1/4	2,365.80	1/4	2,005.27	1/4	1,644.75	1/4	1,284.22	1/4	923.69	1/4	563.16	1/4	202.63	1/4		1/4		1/4	
1/2	2,358.29	1/2	1,997.76	1/2	1,637.23	1/2	1,276.70	1/2	916.17	1/2	555.65	1/2	195.12	1/2		1/2		1/2	
3/4	2,350.78	3/4	1,990.25	3/4	1,629.72	3/4	1,269.19	3/4	908.66	3/4	548.14	3/4	187.61	3/4		3/4		3/4	
9	2,343.27	9	1,982.74	9	1,622.21	9	1,261.68	9	901.15	9	540.63	9	180.10	9		9		9	
1/4	2,335.76	1/4	1,975.23	1/4	1,614.70	1/4	1,254.17	1/4	893.64	1/4	533.12	1/4	173.06	1/4		1/4		1/4	
1/2	2,328.24	1/2	1,967.71	1/2	1,607.19	1/2	1,246.66	1/2	886.13	1/2	525.60	1/2	166.03	1/2		1/2		1/2	
3/4	2,320.73	3/4	1,960.20	3/4	1,599.68	3/4	1,239.15	3/4	878.62	3/4	518.09	3/4	158.99	3/4		3/4		3/4	
10	2,313.22	10	1,952.69	10	1,592.17	10	1,231.64	10	871.11	10	510.58	10	151.96	10		10		10	
1/4	2,305.71	1/4	1,945.18	1/4	1,584.66	1/4	1,224.13	1/4	863.60	1/4	503.07	1/4	145.08	1/4		1/4		1/4	
1/2	2,298.20	1/2	1,937.67	1/2	1,577.14	1/2	1,216.62	1/2	856.09	1/2	495.56	1/2	138.20	1/2		1/2		1/2	
3/4	2,290.69	3/4	1,930.16	3/4	1,569.63	3/4	1,209.11	3/4	848.58	3/4	488.05	3/4	131.33	3/4		3/4		3/4	
11	2,283.18	11	1,922.65	11	1,562.12	11	1,201.60	11	841.07	11	480.54	11	124.45	11		11		11	
1/4	2,275.67	1/4	1,915.14	1/4	1,554.61	1/4	1,194.09	1/4	833.56	1/4	473.03	1/4	117.57	1/4		1/4		1/4	
1/2	2,268.15	1/2	1,907.63	1/2	1,547.10	1/2	1,186.57	1/2	826.04	1/2	465.52	1/2	110.69	1/2		1/2		1/2	
3/4	2,260.64	3/4	1,900.12	3/4	1,539.59	3/4	1,179.06	3/4	818.53	3/4	458.01	3/4	103.82	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2011 INS
RECALCULATED: 04/27/2021 SW
REPRINTED: 04/27/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3079"

3 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 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		0	4,449.51	0	4,195.88	0	3,942.24	0	3,688.61	0	3,382.84	0	3,019.19
1/4		1/4		1/4		1/4		1/4	4,444.22	1/4	4,190.59	1/4	3,936.96	1/4	3,683.33	1/4	3,375.26	1/4	3,011.61
1/2		1/2		1/2		1/2		1/2	4,438.94	1/2	4,185.31	1/2	3,931.68	1/2	3,678.05	1/2	3,367.68	1/2	3,004.04
3/4		3/4		3/4		3/4		3/4	4,433.66	3/4	4,180.02	3/4	3,926.39	3/4	3,672.76	3/4	3,360.11	3/4	2,996.46
1		1		1		1	4,671.61	1	4,428.37	1	4,174.74	1	3,921.11	1	3,667.48	1	3,352.53	1	2,988.89
1/4		1/4		1/4		1/4	4,668.48	1/4	4,423.09	1/4	4,169.45	1/4	3,915.82	1/4	3,662.19	1/4	3,344.95	1/4	2,981.31
1/2		1/2		1/2		1/2	4,664.57	1/2	4,417.81	1/2	4,164.17	1/2	3,910.53	1/2	3,656.91	1/2	3,337.38	1/2	2,973.73
3/4		3/4		3/4		3/4	4,660.66	3/4	4,412.52	3/4	4,158.89	3/4	3,905.25	3/4	3,651.62	3/4	3,329.80	3/4	2,966.16
2		2		2		2	4,656.74	2	4,407.24	2	4,153.60	2	3,899.96	2	3,646.34	2	3,322.23	2	2,958.58
1/4		1/4		1/4		1/4	4,652.83	1/4	4,401.95	1/4	4,148.32	1/4	3,894.67	1/4	3,641.05	1/4	3,314.65	1/4	2,951.00
1/2		1/2		1/2		1/2	4,648.14	1/2	4,396.67	1/2	4,143.04	1/2	3,889.39	1/2	3,635.74	1/2	3,307.08	1/2	2,943.43
3/4		3/4		3/4		3/4	4,643.44	3/4	4,391.38	3/4	4,137.75	3/4	3,884.11	3/4	3,630.42	3/4	3,299.50	3/4	2,935.85
3		3		3		3	4,638.75	3	4,386.10	3	4,132.47	3	3,878.83	3	3,625.11	3	3,292.93	3	2,928.28
1/4		1/4		1/4		1/4	4,634.05	1/4	4,380.81	1/4	4,127.18	1/4	3,873.55	1/4	3,619.79	1/4	3,284.35	1/4	2,920.70
1/2		1/2		1/2		1/2	4,628.87	1/2	4,375.53	1/2	4,121.90	1/2	3,868.27	1/2	3,614.23	1/2	3,276.77	1/2	2,913.12
3/4		3/4		3/4		3/4	4,623.68	3/4	4,370.25	3/4	4,116.62	3/4	3,862.98	3/4	3,608.66	3/4	3,269.20	3/4	2,905.55
4		4		4		4	4,618.50	4	4,364.96	4	4,111.33	4	3,857.70	4	3,603.10	4	3,261.62	4	2,897.97
1/4		1/4		1/4		1/4	4,613.31	1/4	4,359.68	1/4	4,106.05	1/4	3,852.41	1/4	3,597.53	1/4	3,254.04	1/4	2,890.39
1/2		1/2		1/2		1/2	4,608.03	1/2	4,354.40	1/2	4,100.77	1/2	3,847.13	1/2	3,591.64	1/2	3,246.47	1/2	2,882.82
3/4		3/4		3/4		3/4	4,602.74	3/4	4,349.11	3/4	4,095.48	3/4	3,841.85	3/4	3,585.76	3/4	3,238.89	3/4	2,875.24
5		5		5		5	4,597.46	5	4,343.83	5	4,090.20	5	3,836.56	5	3,579.87	5	3,231.32	5	2,867.67
1/4		1/4		1/4		1/4	4,592.17	1/4	4,338.54	1/4	4,084.91	1/4	3,831.28	1/4	3,573.98	1/4	3,223.74	1/4	2,860.09
1/2		1/2		1/2		1/2	4,586.89	1/2	4,333.26	1/2	4,079.63	1/2	3,826.00	1/2	3,567.75	1/2	3,216.16	1/2	2,852.52
3/4		3/4		3/4		3/4	4,581.61	3/4	4,327.98	3/4	4,074.34	3/4	3,820.71	3/4	3,561.51	3/4	3,208.59	3/4	2,844.94
6		6		6		6	4,576.32	6	4,322.69	6	4,069.06	6	3,815.43	6	3,555.28	6	3,201.01	6	2,837.37
1/4		1/4		1/4		1/4	4,571.04	1/4	4,317.41	1/4	4,063.77	1/4	3,810.14	1/4	3,549.04	1/4	3,193.43	1/4	2,829.79
1/2		1/2		1/2		1/2	4,565.76	1/2	4,312.13	1/2	4,058.49	1/2	3,804.86	1/2	3,542.46	1/2	3,185.86	1/2	2,822.21
3/4		3/4		3/4		3/4	4,560.47	3/4	4,306.84	3/4	4,053.21	3/4	3,799.58	3/4	3,535.88	3/4	3,178.28	3/4	2,814.64
7		7		7		7	4,555.19	7	4,301.56	7	4,047.92	7	3,794.29	7	3,529.29	7	3,170.71	7	2,807.06
1/4		1/4		1/4		1/4	4,549.90	1/4	4,296.27	1/4	4,042.64	1/4	3,789.01	1/4	3,522.71	1/4	3,163.13	1/4	2,799.48
1/2		1/2		1/2		1/2	4,544.62	1/2	4,290.99	1/2	4,037.36	1/2	3,783.73	1/2	3,515.79	1/2	3,155.56	1/2	2,791.91
3/4		3/4		3/4		3/4	4,539.34	3/4	4,285.70	3/4	4,032.07	3/4	3,778.44	3/4	3,508.86	3/4	3,147.98	3/4	2,784.33
8		8		8		8	4,534.05	8	4,280.42	8	4,026.79	8	3,773.16	8	3,501.94	8	3,140.41	8	2,776.76
1/4		1/4		1/4		1/4	4,528.77	1/4	4,275.13	1/4	4,021.50	1/4	3,767.87	1/4	3,495.01	1/4	3,132.83	1/4	2,769.18
1/2		1/2		1/2		1/2	4,523.49	1/2	4,269.85	1/2	4,016.22	1/2	3,762.59	1/2	3,487.74	1/2	3,125.25	1/2	2,761.60
3/4		3/4		3/4		3/4	4,518.20	3/4	4,264.57	3/4	4,010.94	3/4	3,757.30	3/4	3,480.46	3/4	3,117.68	3/4	2,754.03
9		9		9		9	4,512.92	9	4,259.28	9	4,005.65	9	3,752.02	9	3,473.19	9	3,110.10	9	2,746.45
1/4		1/4		1/4		1/4	4,507.63	1/4	4,254.00	1/4	4,000.37	1/4	3,746.73	1/4	3,465.91	1/4	3,102.52	1/4	2,738.87
1/2		1/2		1/2		1/2	4,502.35	1/2	4,248.72	1/2	3,995.09	1/2	3,741.45	1/2	3,458.40	1/2	3,094.95	1/2	2,731.30
3/4		3/4		3/4		3/4	4,497.06	3/4	4,243.43	3/4	3,989.80	3/4	3,736.17	3/4	3,450.89	3/4	3,087.37	3/4	2,723.72
10		10		10		10	4,491.78	10	4,238.15	10	3,984.52	10	3,730.88	10	3,443.38	10	3,079.80	10	2,716.15
1/4		1/4		1/4		1/4	4,486.49	1/4	4,232.86	1/4	3,979.23	1/4	3,725.60	1/4	3,435.87	1/4	3,072.22	1/4	2,708.57
1/2		1/2		1/2		1/2	4,481.21	1/2	4,227.58	1/2	3,973.95	1/2	3,720.32	1/2	3,428.29	1/2	3,064.64	1/2	2,701.00
3/4		3/4		3/4		3/4	4,475.93	3/4	4,222.30	3/4	3,968.66	3/4	3,715.03	3/4	3,420.72	3/4	3,057.07	3/4	2,693.42
11		11		11		11	4,470.64	11	4,217.01	11	3,963.38	11	3,709.75	11	3,413.14	11	3,049.49	11	2,685.85
1/4		1/4		1/4		1/4	4,465.36	1/4	4,211.73	1/4	3,958.09	1/4	3,704.46	1/4	3,405.56	1/4	3,041.91	1/4	2,678.27
1/2		1/2		1/2		1/2	4,460.08	1/2	4,206.45	1/2	3,952.81	1/2	3,699.18	1/2	3,397.99	1/2	3,034.34	1/2	2,670.69
3/4		3/4		3/4		3/4	4,454.79	3/4	4,201.16	3/4	3,947.53	3/4	3,693.90	3/4	3,390.41	3/4	3,026.76	3/4	2,663.12

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3079"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,655.54	0	2,291.89	0	1,928.25	0	1,564.60	0	1,200.95	0	837.28	0	472.75	0	110.48	0		0	
1/4	2,647.96	1/4	2,284.31	1/4	1,920.67	1/4	1,557.02	1/4	1,193.37	1/4	829.70	1/4	465.14	1/4	103.17	1/4		1/4	
1/2	2,640.39	1/2	2,276.74	1/2	1,913.09	1/2	1,549.44	1/2	1,185.80	1/2	822.12	1/2	457.53	1/2	95.86	1/2		1/2	
3/4	2,632.81	3/4	2,269.16	3/4	1,905.52	3/4	1,541.87	3/4	1,178.22	3/4	814.55	3/4	449.92	3/4	88.55	3/4		3/4	
1	2,625.24	1	2,261.59	1	1,897.94	1	1,534.29	1	1,170.65	1	806.97	1	442.31	1	81.23	1		1	
1/4	2,617.66	1/4	2,254.01	1/4	1,890.36	1/4	1,526.71	1/4	1,163.07	1/4	799.39	1/4	434.70	1/4	73.92	1/4		1/4	
1/2	2,610.08	1/2	2,246.44	1/2	1,882.79	1/2	1,519.14	1/2	1,155.49	1/2	791.81	1/2	427.09	1/2	66.75	1/2		1/2	
3/4	2,602.51	3/4	2,238.86	3/4	1,875.21	3/4	1,511.56	3/4	1,147.92	3/4	784.24	3/4	419.48	3/4	59.57	3/4		3/4	
2	2,594.93	2	2,231.29	2	1,867.64	2	1,503.99	2	1,140.34	2	776.66	2	411.87	2	52.40	2		2	
1/4	2,587.35	1/4	2,223.71	1/4	1,860.06	1/4	1,496.41	1/4	1,132.76	1/4	769.08	1/4	404.26	1/4	45.22	1/4		1/4	
1/2	2,579.78	1/2	2,216.13	1/2	1,852.48	1/2	1,488.84	1/2	1,125.19	1/2	761.50	1/2	396.65	1/2	39.68	1/2		1/2	
3/4	2,572.20	3/4	2,208.56	3/4	1,844.91	3/4	1,481.26	3/4	1,117.61	3/4	753.93	3/4	389.05	3/4	34.13	3/4		3/4	
3	2,564.63	3	2,200.98	3	1,837.33	3	1,473.69	3	1,110.04	3	746.35	3	381.44	3	28.59	3		3	
1/4	2,557.05	1/4	2,193.40	1/4	1,829.75	1/4	1,466.11	1/4	1,102.46	1/4	738.77	1/4	373.83	1/4	23.04	1/4		1/4	
1/2	2,549.48	1/2	2,185.83	1/2	1,822.18	1/2	1,458.53	1/2	1,094.88	1/2	731.19	1/2	366.22	1/2	19.26	1/2		1/2	
3/4	2,541.90	3/4	2,178.25	3/4	1,814.60	3/4	1,450.96	3/4	1,087.31	3/4	723.62	3/4	358.61	3/4		3/4		3/4	
4	2,534.33	4	2,170.68	4	1,807.03	4	1,443.38	4	1,079.73	4	716.04	4	351.00	4		4		4	
1/4	2,526.75	1/4	2,163.10	1/4	1,799.45	1/4	1,435.80	1/4	1,072.15	1/4	708.46	1/4	343.39	1/4		1/4		1/4	
1/2	2,519.17	1/2	2,155.52	1/2	1,791.88	1/2	1,428.23	1/2	1,064.58	1/2	700.89	1/2	335.78	1/2		1/2		1/2	
3/4	2,511.60	3/4	2,147.95	3/4	1,784.30	3/4	1,420.65	3/4	1,057.00	3/4	693.31	3/4	328.18	3/4		3/4		3/4	
5	2,504.02	5	2,140.37	5	1,776.73	5	1,413.08	5	1,049.43	5	685.74	5	320.57	5		5		5	
1/4	2,496.44	1/4	2,132.79	1/4	1,769.15	1/4	1,405.50	1/4	1,041.85	1/4	678.16	1/4	312.96	1/4		1/4		1/4	
1/2	2,488.87	1/2	2,125.22	1/2	1,761.57	1/2	1,397.92	1/2	1,034.27	1/2	670.56	1/2	305.35	1/2		1/2		1/2	
3/4	2,481.29	3/4	2,117.64	3/4	1,754.00	3/4	1,390.35	3/4	1,026.70	3/4	662.96	3/4	297.74	3/4		3/4		3/4	
6	2,473.72	6	2,110.07	6	1,746.42	6	1,382.77	6	1,019.12	6	655.35	6	290.13	6		6		6	
1/4	2,466.14	1/4	2,102.49	1/4	1,738.84	1/4	1,375.19	1/4	1,011.54	1/4	647.75	1/4	282.52	1/4		1/4		1/4	
1/2	2,458.56	1/2	2,094.92	1/2	1,731.27	1/2	1,367.62	1/2	1,003.97	1/2	640.14	1/2	274.91	1/2		1/2		1/2	
3/4	2,450.99	3/4	2,087.34	3/4	1,723.69	3/4	1,360.04	3/4	996.39	3/4	632.54	3/4	267.30	3/4		3/4		3/4	
7	2,443.41	7	2,079.77	7	1,716.12	7	1,352.47	7	988.82	7	624.93	7	259.69	7		7		7	
1/4	2,435.83	1/4	2,072.19	1/4	1,708.54	1/4	1,344.89	1/4	981.24	1/4	617.32	1/4	252.08	1/4		1/4		1/4	
1/2	2,428.26	1/2	2,064.61	1/2	1,700.96	1/2	1,337.32	1/2	973.66	1/2	609.71	1/2	244.47	1/2		1/2		1/2	
3/4	2,420.68	3/4	2,057.04	3/4	1,693.39	3/4	1,329.74	3/4	966.09	3/4	602.10	3/4	236.87	3/4		3/4		3/4	
8	2,413.11	8	2,049.46	8	1,685.81	8	1,322.17	8	958.51	8	594.49	8	229.26	8		8		8	
1/4	2,405.53	1/4	2,041.88	1/4	1,678.23	1/4	1,314.59	1/4	950.93	1/4	586.88	1/4	221.65	1/4		1/4		1/4	
1/2	2,397.96	1/2	2,034.31	1/2	1,670.66	1/2	1,307.01	1/2	943.35	1/2	579.27	1/2	214.04	1/2		1/2		1/2	
3/4	2,390.38	3/4	2,026.73	3/4	1,663.08	3/4	1,299.44	3/4	935.78	3/4	571.66	3/4	206.43	3/4		3/4		3/4	
9	2,382.81	9	2,019.16	9	1,655.51	9	1,291.86	9	928.20	9	564.05	9	198.82	9		9		9	
1/4	2,375.23	1/4	2,011.58	1/4	1,647.93	1/4	1,284.28	1/4	920.62	1/4	556.44	1/4	191.21	1/4		1/4		1/4	
1/2	2,367.65	1/2	2,004.00	1/2	1,640.36	1/2	1,276.71	1/2	913.04	1/2	548.83	1/2	183.83	1/2		1/2		1/2	
3/4	2,360.08	3/4	1,996.43	3/4	1,632.78	3/4	1,269.13	3/4	905.47	3/4	541.23	3/4	176.44	3/4		3/4		3/4	
10	2,352.50	10	1,988.85	10	1,625.21	10	1,261.56	10	897.89	10	533.62	10	169.06	10		10		10	
1/4	2,344.92	1/4	1,981.27	1/4	1,617.63	1/4	1,253.98	1/4	890.31	1/4	526.01	1/4	161.67	1/4		1/4		1/4	
1/2	2,337.35	1/2	1,973.70	1/2	1,610.05	1/2	1,246.40	1/2	882.73	1/2	518.40	1/2	154.36	1/2		1/2		1/2	
3/4	2,329.77	3/4	1,966.12	3/4	1,602.48	3/4	1,238.83	3/4	875.16	3/4	510.79	3/4	147.05	3/4		3/4		3/4	
11	2,322.20	11	1,958.55	11	1,594.90	11	1,231.25	11	867.58	11	503.18	11	139.73	11		11		11	
1/4	2,314.62	1/4	1,950.97	1/4	1,587.32	1/4	1,223.67	1/4	860.00	1/4	495.57	1/4	132.42	1/4		1/4		1/4	
1/2	2,307.04	1/2	1,943.40	1/2	1,579.75	1/2	1,216.10	1/2	852.43	1/2	487.96	1/2	125.11	1/2		1/2		1/2	
3/4	2,299.47	3/4	1,935.82	3/4	1,572.17	3/4	1,208.52	3/4	844.85	3/4	480.36	3/4	117.80	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2011 INS
RECALCULATED: 04/27/2021 SW
REPRINTED: 04/27/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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BARGE "HTCO 3079"

3 STBD ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 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	4,454.79	0	4,201.16	0	3,947.53	0	3,693.90	0	3,390.41	0	3,026.76
1/4		1/4		1/4		1/4		1/4	4,449.51	1/4	4,195.88	1/4	3,942.24	1/4	3,688.61	1/4	3,382.84	1/4	3,019.19
1/2		1/2		1/2		1/2		1/2	4,444.22	1/2	4,190.59	1/2	3,936.96	1/2	3,683.33	1/2	3,375.26	1/2	3,011.61
3/4		3/4		3/4		3/4		3/4	4,438.94	3/4	4,185.31	3/4	3,931.68	3/4	3,678.05	3/4	3,367.68	3/4	3,004.04
1		1		1		1		1	4,433.66	1	4,180.02	1	3,926.39	1	3,672.76	1	3,360.11	1	2,996.46
1/4		1/4		1/4		1/4		1/4	4,671.61	1/4	4,428.37	1/4	4,174.74	1/4	3,921.11	1/4	3,667.48	1/4	3,352.53
1/2		1/2		1/2		1/2		1/2	4,668.48	1/2	4,423.09	1/2	4,169.45	1/2	3,915.82	1/2	3,662.19	1/2	3,344.95
3/4		3/4		3/4		3/4		3/4	4,664.57	3/4	4,417.81	3/4	4,164.17	3/4	3,910.53	3/4	3,656.91	3/4	3,337.38
2		2		2		2		2	4,660.66	2	4,412.52	2	4,158.89	2	3,905.25	2	3,651.62	2	3,329.80
1/4		1/4		1/4		1/4		1/4	4,656.74	1/4	4,407.24	1/4	4,153.60	1/4	3,899.96	1/4	3,646.34	1/4	3,322.23
1/2		1/2		1/2		1/2		1/2	4,652.83	1/2	4,401.95	1/2	4,148.32	1/2	3,894.67	1/2	3,641.05	1/2	3,314.65
3/4		3/4		3/4		3/4		3/4	4,648.14	3/4	4,396.67	3/4	4,143.04	3/4	3,889.39	3/4	3,635.74	3/4	3,307.08
3		3		3		3		3	4,643.44	3	4,391.38	3	4,137.75	3	3,884.11	3	3,630.42	3	2,995.50
1/4		1/4		1/4		1/4		1/4	4,638.75	1/4	4,386.10	1/4	4,132.47	1/4	3,878.83	1/4	3,625.11	1/4	3,291.93
1/2		1/2		1/2		1/2		1/2	4,634.05	1/2	4,380.81	1/2	4,127.18	1/2	3,873.55	1/2	3,619.79	1/2	3,284.35
3/4		3/4		3/4		3/4		3/4	4,628.87	3/4	4,375.53	3/4	4,121.90	3/4	3,868.27	3/4	3,614.23	3/4	3,276.77
4		4		4		4		4	4,623.68	4	4,370.25	4	4,116.62	4	3,862.98	4	3,608.66	4	3,269.20
1/4		1/4		1/4		1/4		1/4	4,618.50	1/4	4,364.96	1/4	4,111.33	1/4	3,857.70	1/4	3,603.10	1/4	3,261.62
1/2		1/2		1/2		1/2		1/2	4,613.31	1/2	4,359.68	1/2	4,106.05	1/2	3,852.41	1/2	3,597.53	1/2	3,254.04
3/4		3/4		3/4		3/4		3/4	4,608.03	3/4	4,354.40	3/4	4,100.77	3/4	3,847.13	3/4	3,591.64	3/4	3,246.47
5		5		5		5		5	4,602.74	5	4,349.11	5	4,095.48	5	3,841.85	5	3,585.76	5	3,238.89
1/4		1/4		1/4		1/4		1/4	4,597.46	1/4	4,343.83	1/4	4,090.20	1/4	3,836.56	1/4	3,579.87	1/4	3,231.32
1/2		1/2		1/2		1/2		1/2	4,592.17	1/2	4,338.54	1/2	4,084.91	1/2	3,831.28	1/2	3,573.98	1/2	3,223.74
3/4		3/4		3/4		3/4		3/4	4,586.89	3/4	4,333.26	3/4	4,079.63	3/4	3,826.00	3/4	3,567.75	3/4	3,216.16
6		6		6		6		6	4,581.61	6	4,327.98	6	4,074.34	6	3,820.71	6	3,561.51	6	3,208.59
1/4		1/4		1/4		1/4		1/4	4,576.32	1/4	4,322.69	1/4	4,069.06	1/4	3,815.43	1/4	3,555.28	1/4	3,201.01
1/2		1/2		1/2		1/2		1/2	4,571.04	1/2	4,317.41	1/2	4,063.77	1/2	3,810.14	1/2	3,549.04	1/2	3,193.43
3/4		3/4		3/4		3/4		3/4	4,565.76	3/4	4,312.13	3/4	4,058.49	3/4	3,804.86	3/4	3,542.46	3/4	3,185.86
7		7		7		7		7	4,560.47	7	4,306.84	7	4,053.21	7	3,799.58	7	3,535.88	7	3,178.28
1/4		1/4		1/4		1/4		1/4	4,555.19	1/4	4,301.56	1/4	4,047.92	1/4	3,794.29	1/4	3,529.29	1/4	3,170.71
1/2		1/2		1/2		1/2		1/2	4,549.90	1/2	4,296.27	1/2	4,042.64	1/2	3,789.01	1/2	3,522.71	1/2	3,163.13
3/4		3/4		3/4		3/4		3/4	4,544.62	3/4	4,290.99	3/4	4,037.36	3/4	3,783.73	3/4	3,515.79	3/4	3,155.56
8		8		8		8		8	4,539.34	8	4,285.70	8	4,032.07	8	3,778.44	8	3,508.86	8	3,147.98
1/4		1/4		1/4		1/4		1/4	4,534.05	1/4	4,280.42	1/4	4,026.79	1/4	3,773.16	1/4	3,501.94	1/4	3,140.41
1/2		1/2		1/2		1/2		1/2	4,528.77	1/2	4,275.13	1/2	4,021.50	1/2	3,767.87	1/2	3,495.01	1/2	3,132.83
3/4		3/4		3/4		3/4		3/4	4,523.49	3/4	4,269.85	3/4	4,016.22	3/4	3,762.59	3/4	3,487.74	3/4	3,125.25
9		9		9		9		9	4,518.20	9	4,264.57	9	4,010.94	9	3,757.30	9	3,480.46	9	3,117.68
1/4		1/4		1/4		1/4		1/4	4,512.92	1/4	4,259.28	1/4	4,005.65	1/4	3,752.02	1/4	3,473.19	1/4	3,110.10
1/2		1/2		1/2		1/2		1/2	4,507.63	1/2	4,254.00	1/2	4,000.37	1/2	3,746.73	1/2	3,465.91	1/2	3,102.52
3/4		3/4		3/4		3/4		3/4	4,502.35	3/4	4,248.72	3/4	3,995.09	3/4	3,741.45	3/4	3,458.40	3/4	3,094.95
10		10		10		10		10	4,497.06	10	4,243.43	10	3,989.80	10	3,736.17	10	3,450.89	10	3,087.37
1/4		1/4		1/4		1/4		1/4	4,491.78	1/4	4,238.15	1/4	3,984.52	1/4	3,730.88	1/4	3,443.38	1/4	3,079.80
1/2		1/2		1/2		1/2		1/2	4,486.49	1/2	4,232.86	1/2	3,979.23	1/2	3,725.60	1/2	3,435.87	1/2	3,072.22
3/4		3/4		3/4		3/4		3/4	4,481.21	3/4	4,227.58	3/4	3,973.95	3/4	3,720.32	3/4	3,428.29	3/4	3,064.64
11		11		11		11		11	4,475.93	11	4,222.30	11	3,968.66	11	3,715.03	11	3,420.72	11	3,057.07
1/4		1/4		1/4		1/4		1/4	4,470.64	1/4	4,217.01	1/4	3,963.38	1/4	3,709.75	1/4	3,413.14	1/4	3,049.49
1/2		1/2		1/2		1/2		1/2	4,465.36	1/2	4,211.73	1/2	3,958.09	1/2	3,704.46	1/2	3,405.56	1/2	3,041.91
3/4		3/4		3/4		3/4		3/4	4,460.08	3/4	4,206.45	3/4	3,952.81	3/4	3,699.18	3/4	3,397.99	3/4	3,034.34

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3079"

3 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 3/4"

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	2,663.12	0	2,299.47	0	1,935.82	0	1,572.17	0	1,208.52	0	844.85	0	480.36	0	117.80	0		0	
1/4	2,655.54	1/4	2,291.89	1/4	1,928.25	1/4	1,564.60	1/4	1,200.95	1/4	837.28	1/4	472.75	1/4	110.48	1/4		1/4	
1/2	2,647.96	1/2	2,284.31	1/2	1,920.67	1/2	1,557.02	1/2	1,193.37	1/2	829.70	1/2	465.14	1/2	103.17	1/2		1/2	
3/4	2,640.39	3/4	2,276.74	3/4	1,913.09	3/4	1,549.44	3/4	1,185.80	3/4	822.12	3/4	457.53	3/4	95.86	3/4		3/4	
1	2,632.81	1	2,269.16	1	1,905.52	1	1,541.87	1	1,178.22	1	814.55	1	449.92	1	88.55	1		1	
1/4	2,625.24	1/4	2,261.59	1/4	1,897.94	1/4	1,534.29	1/4	1,170.65	1/4	806.97	1/4	442.31	1/4	81.23	1/4		1/4	
1/2	2,617.66	1/2	2,254.01	1/2	1,890.36	1/2	1,526.71	1/2	1,163.07	1/2	799.39	1/2	434.70	1/2	73.92	1/2		1/2	
3/4	2,610.08	3/4	2,246.44	3/4	1,882.79	3/4	1,519.14	3/4	1,155.49	3/4	791.81	3/4	427.09	3/4	66.75	3/4		3/4	
2	2,602.51	2	2,238.86	2	1,875.21	2	1,511.56	2	1,147.92	2	784.24	2	419.48	2	59.57	2		2	
1/4	2,594.93	1/4	2,231.29	1/4	1,867.64	1/4	1,503.99	1/4	1,140.34	1/4	776.66	1/4	411.87	1/4	52.40	1/4		1/4	
1/2	2,587.35	1/2	2,223.71	1/2	1,860.06	1/2	1,496.41	1/2	1,132.76	1/2	769.08	1/2	404.26	1/2	45.22	1/2		1/2	
3/4	2,579.78	3/4	2,216.13	3/4	1,852.48	3/4	1,488.84	3/4	1,125.19	3/4	761.50	3/4	396.65	3/4	39.68	3/4		3/4	
3	2,572.20	3	2,208.56	3	1,844.91	3	1,481.26	3	1,117.61	3	753.93	3	389.05	3	34.13	3		3	
1/4	2,564.63	1/4	2,200.98	1/4	1,837.33	1/4	1,473.69	1/4	1,110.04	1/4	746.35	1/4	381.44	1/4	28.59	1/4		1/4	
1/2	2,557.05	1/2	2,193.40	1/2	1,829.75	1/2	1,466.11	1/2	1,102.46	1/2	738.77	1/2	373.83	1/2	23.04	1/2		1/2	
3/4	2,549.48	3/4	2,185.83	3/4	1,822.18	3/4	1,458.53	3/4	1,094.88	3/4	731.19	3/4	366.22	3/4	19.26	3/4		3/4	
4	2,541.90	4	2,178.25	4	1,814.60	4	1,450.96	4	1,087.31	4	723.62	4	358.61	4		4		4	
1/4	2,534.33	1/4	2,170.68	1/4	1,807.03	1/4	1,443.38	1/4	1,079.73	1/4	716.04	1/4	351.00	1/4		1/4		1/4	
1/2	2,526.75	1/2	2,163.10	1/2	1,799.45	1/2	1,435.80	1/2	1,072.15	1/2	708.46	1/2	343.39	1/2		1/2		1/2	
3/4	2,519.17	3/4	2,155.52	3/4	1,791.88	3/4	1,428.23	3/4	1,064.58	3/4	700.89	3/4	335.78	3/4		3/4		3/4	
5	2,511.60	5	2,147.95	5	1,784.30	5	1,420.65	5	1,057.00	5	693.31	5	328.18	5		5		5	
1/4	2,504.02	1/4	2,140.37	1/4	1,776.73	1/4	1,413.08	1/4	1,049.43	1/4	685.74	1/4	320.57	1/4		1/4		1/4	
1/2	2,496.44	1/2	2,132.79	1/2	1,769.15	1/2	1,405.50	1/2	1,041.85	1/2	678.16	1/2	312.96	1/2		1/2		1/2	
3/4	2,488.87	3/4	2,125.22	3/4	1,761.57	3/4	1,397.92	3/4	1,034.27	3/4	670.56	3/4	305.35	3/4		3/4		3/4	
6	2,481.29	6	2,117.64	6	1,754.00	6	1,390.35	6	1,026.70	6	662.96	6	297.74	6		6		6	
1/4	2,473.72	1/4	2,110.07	1/4	1,746.42	1/4	1,382.77	1/4	1,019.12	1/4	655.35	1/4	290.13	1/4		1/4		1/4	
1/2	2,466.14	1/2	2,102.49	1/2	1,738.84	1/2	1,375.19	1/2	1,011.54	1/2	647.75	1/2	282.52	1/2		1/2		1/2	
3/4	2,458.56	3/4	2,094.92	3/4	1,731.27	3/4	1,367.62	3/4	1,003.97	3/4	640.14	3/4	274.91	3/4		3/4		3/4	
7	2,450.99	7	2,087.34	7	1,723.69	7	1,360.04	7	996.39	7	632.54	7	267.30	7		7		7	
1/4	2,443.41	1/4	2,079.77	1/4	1,716.12	1/4	1,352.47	1/4	988.82	1/4	624.93	1/4	259.69	1/4		1/4		1/4	
1/2	2,435.83	1/2	2,072.19	1/2	1,708.54	1/2	1,344.89	1/2	981.24	1/2	617.32	1/2	252.08	1/2		1/2		1/2	
3/4	2,428.26	3/4	2,064.61	3/4	1,700.96	3/4	1,337.32	3/4	973.66	3/4	609.71	3/4	244.47	3/4		3/4		3/4	
8	2,420.68	8	2,057.04	8	1,693.39	8	1,329.74	8	966.09	8	602.10	8	236.87	8		8		8	
1/4	2,413.11	1/4	2,049.46	1/4	1,685.81	1/4	1,322.17	1/4	958.51	1/4	594.49	1/4	229.26	1/4		1/4		1/4	
1/2	2,405.53	1/2	2,041.88	1/2	1,678.23	1/2	1,314.59	1/2	950.93	1/2	586.88	1/2	221.65	1/2		1/2		1/2	
3/4	2,397.96	3/4	2,034.31	3/4	1,670.66	3/4	1,307.01	3/4	943.35	3/4	579.27	3/4	214.04	3/4		3/4		3/4	
9	2,390.38	9	2,026.73	9	1,663.08	9	1,299.44	9	935.78	9	571.66	9	206.43	9		9		9	
1/4	2,382.81	1/4	2,019.16	1/4	1,655.51	1/4	1,291.86	1/4	928.20	1/4	564.05	1/4	198.82	1/4		1/4		1/4	
1/2	2,375.23	1/2	2,011.58	1/2	1,647.93	1/2	1,284.28	1/2	920.62	1/2	556.44	1/2	191.21	1/2		1/2		1/2	
3/4	2,367.65	3/4	2,004.00	3/4	1,640.36	3/4	1,276.71	3/4	913.04	3/4	548.83	3/4	183.83	3/4		3/4		3/4	
10	2,360.08	10	1,996.43	10	1,632.78	10	1,269.13	10	905.47	10	541.23	10	176.44	10		10		10	
1/4	2,352.50	1/4	1,988.85	1/4	1,625.21	1/4	1,261.56	1/4	897.89	1/4	533.62	1/4	169.06	1/4		1/4		1/4	
1/2	2,344.92	1/2	1,981.27	1/2	1,617.63	1/2	1,253.98	1/2	890.31	1/2	526.01	1/2	161.67	1/2		1/2		1/2	
3/4	2,337.35	3/4	1,973.70	3/4	1,610.05	3/4	1,246.40	3/4	882.73	3/4	518.40	3/4	154.36	3/4		3/4		3/4	
11	2,329.77	11	1,966.12	11	1,602.48	11	1,238.83	11	875.16	11	510.79	11	147.05	11		11		11	
1/4	2,322.20	1/4	1,958.55	1/4	1,594.90	1/4	1,231.25	1/4	867.58	1/4	503.18	1/4	139.73	1/4		1/4		1/4	
1/2	2,314.62	1/2	1,950.97	1/2	1,587.32	1/2	1,223.67	1/2	860.00	1/2	495.57	1/2	132.42	1/2		1/2		1/2	
3/4	2,307.04	3/4	1,943.40	3/4	1,579.75	3/4	1,216.10	3/4	852.43	3/4	487.96	3/4	125.11	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2011 INS
RECALCULATED: 04/27/2021 SW
REPRINTED: 04/27/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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