



BARGE "HTCO 3074"

ULLAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
3 PORT	00-7/8	- 00-7/8	01-3/4	- 01-3/4	02-5/8	- 02-5/8	03-1/2	- 03-1/2	04-3/8	- 04-3/8	05-1/4	- 05-1/4
3 STBD	00-7/8	- 00-7/8	01-3/4	- 01-3/4	02-5/8	- 02-5/8	03-1/2	- 03-1/2	04-3/8	- 04-3/8	05-1/4	- 05-1/4

(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 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

June 25, 2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3074"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,734.14	0	4,376.21	0	4,018.27	0	3,660.33	0	3,302.40	0	2,944.46
1/4		1/4		1/4		1/4		1/4	4,726.69	1/4	4,368.75	1/4	4,010.81	1/4	3,652.88	1/4	3,294.94	1/4	2,937.01
1/2		1/2		1/2		1/2		1/2	4,719.23	1/2	4,361.29	1/2	4,003.35	1/2	3,645.42	1/2	3,287.48	1/2	2,929.55
3/4		3/4		3/4		3/4		3/4	4,711.77	3/4	4,353.83	3/4	3,995.89	3/4	3,637.96	3/4	3,280.02	3/4	2,922.09
1		1		1		1		1	5,049.06	1	4,704.32	1	4,346.38	1	3,988.44	1	3,630.51	1	3,272.57
1/4		1/4		1/4		1/4		1/4	5,044.54	1/4	4,696.86	1/4	4,338.92	1/4	3,980.98	1/4	3,623.05	1/4	3,265.11
1/2		1/2		1/2		1/2		1/2	5,038.88	1/2	4,689.40	1/2	4,331.46	1/2	3,973.52	1/2	3,615.59	1/2	3,257.65
3/4		3/4		3/4		3/4		3/4	5,033.23	3/4	4,681.94	3/4	4,324.00	3/4	3,966.07	3/4	3,608.13	3/4	3,250.19
2		2		2		2		2	5,027.57	2	4,674.49	2	4,316.55	2	3,958.61	2	3,242.74	2	2,884.81
1/4		1/4		1/4		1/4		1/4	5,021.91	1/4	4,667.03	1/4	4,309.09	1/4	3,951.16	1/4	3,235.22	1/4	2,877.35
1/2		1/2		1/2		1/2		1/2	5,015.12	1/2	4,659.57	1/2	4,301.63	1/2	3,943.70	1/2	3,227.82	1/2	2,869.89
3/4		3/4		3/4		3/4		3/4	5,008.33	3/4	4,652.11	3/4	4,294.17	3/4	3,936.24	3/4	3,220.37	3/4	2,862.43
3		3		3		3		3	5,001.54	3	4,644.66	3	4,286.72	3	3,928.79	3	3,212.91	3	2,854.98
1/4		1/4		1/4		1/4		1/4	4,994.75	1/4	4,637.20	1/4	4,279.26	1/4	3,921.33	1/4	3,205.46	1/4	2,847.52
1/2		1/2		1/2		1/2		1/2	4,987.39	1/2	4,629.74	1/2	4,271.80	1/2	3,913.87	1/2	3,198.00	1/2	2,840.06
3/4		3/4		3/4		3/4		3/4	4,980.03	3/4	4,622.28	3/4	4,264.35	3/4	3,906.41	3/4	3,190.54	3/4	2,832.60
4		4		4		4		4	4,972.67	4	4,614.83	4	4,256.89	4	3,898.96	4	3,541.02	4	2,825.15
1/4		1/4		1/4		1/4		1/4	4,965.31	1/4	4,607.37	1/4	4,249.44	1/4	3,891.50	1/4	3,533.56	1/4	2,817.69
1/2		1/2		1/2		1/2		1/2	4,957.85	1/2	4,599.91	1/2	4,241.98	1/2	3,884.04	1/2	3,526.10	1/2	2,810.23
3/4		3/4		3/4		3/4		3/4	4,950.40	3/4	4,592.46	3/4	4,234.52	3/4	3,876.58	3/4	3,518.65	3/4	2,802.78
5		5		5		5		5	4,942.94	5	4,585.00	5	4,227.07	5	3,869.13	5	3,511.19	5	2,795.32
1/4		1/4		1/4		1/4		1/4	4,935.48	1/4	4,577.55	1/4	4,219.61	1/4	3,861.67	1/4	3,503.74	1/4	2,787.87
1/2		1/2		1/2		1/2		1/2	4,928.02	1/2	4,570.09	1/2	4,212.15	1/2	3,854.21	1/2	3,496.28	1/2	2,780.41
3/4		3/4		3/4		3/4		3/4	4,920.57	3/4	4,562.63	3/4	4,204.69	3/4	3,846.75	3/4	3,488.82	3/4	2,772.95
6		6		6		6		6	4,913.11	6	4,555.18	6	4,197.24	6	3,839.30	6	3,481.37	6	2,765.50
1/4		1/4		1/4		1/4		1/4	4,905.65	1/4	4,547.72	1/4	4,189.78	1/4	3,831.84	1/4	3,473.91	1/4	2,758.04
1/2		1/2		1/2		1/2		1/2	4,898.20	1/2	4,540.26	1/2	4,182.32	1/2	3,824.38	1/2	3,466.45	1/2	2,750.58
3/4		3/4		3/4		3/4		3/4	4,890.74	3/4	4,532.80	3/4	4,174.86	3/4	3,816.93	3/4	3,458.99	3/4	2,743.12
7		7		7		7		7	4,883.29	7	4,525.35	7	4,167.41	7	3,809.47	7	3,451.54	7	2,735.67
1/4		1/4		1/4		1/4		1/4	4,875.83	1/4	4,517.89	1/4	4,159.95	1/4	3,802.02	1/4	3,444.08	1/4	2,728.21
1/2		1/2		1/2		1/2		1/2	4,868.37	1/2	4,510.43	1/2	4,152.49	1/2	3,794.56	1/2	3,436.62	1/2	2,720.75
3/4		3/4		3/4		3/4		3/4	4,860.92	3/4	4,502.97	3/4	4,145.03	3/4	3,787.10	3/4	3,429.16	3/4	2,713.29
8		8		8		8		8	4,853.46	8	4,495.52	8	4,137.58	8	3,779.65	8	3,421.71	8	2,705.84
1/4		1/4		1/4		1/4		1/4	4,846.00	1/4	4,488.06	1/4	4,130.12	1/4	3,772.19	1/4	3,414.25	1/4	2,698.38
1/2		1/2		1/2		1/2		1/2	4,838.54	1/2	4,480.60	1/2	4,122.66	1/2	3,764.73	1/2	3,406.79	1/2	2,690.92
3/4		3/4		3/4		3/4		3/4	4,831.08	3/4	4,473.14	3/4	4,115.21	3/4	3,757.27	3/4	3,399.33	3/4	2,683.46
9		9		9		9		9	4,823.63	9	4,465.69	9	4,107.75	9	3,749.82	9	3,391.88	9	2,676.01
1/4		1/4		1/4		1/4		1/4	4,816.17	1/4	4,458.23	1/4	4,100.30	1/4	3,742.36	1/4	3,384.42	1/4	2,668.55
1/2		1/2		1/2		1/2		1/2	4,808.71	1/2	4,450.77	1/2	4,092.84	1/2	3,734.90	1/2	3,376.96	1/2	2,661.09
3/4		3/4		3/4		3/4		3/4	4,801.25	3/4	4,443.32	3/4	4,085.38	3/4	3,727.44	3/4	3,369.51	3/4	2,653.64
10		10		10		10		10	4,793.80	10	4,435.86	10	4,077.93	10	3,719.99	10	3,362.05	10	2,646.18
1/4		1/4		1/4		1/4		1/4	4,786.34	1/4	4,428.41	1/4	4,070.47	1/4	3,712.53	1/4	3,354.60	1/4	2,638.73
1/2		1/2		1/2		1/2		1/2	4,778.88	1/2	4,420.95	1/2	4,063.01	1/2	3,705.07	1/2	3,347.14	1/2	2,631.27
3/4		3/4		3/4		3/4		3/4	4,771.42	3/4	4,413.49	3/4	4,055.55	3/4	3,697.61	3/4	3,339.68	3/4	2,623.81
11		11		11		11		11	4,763.97	11	4,406.04	11	4,048.10	11	3,690.16	11	3,332.23	11	2,616.36
1/4		1/4		1/4		1/4		1/4	4,756.51	1/4	4,398.58	1/4	4,040.64	1/4	3,682.70	1/4	3,324.77	1/4	2,608.90
1/2		1/2		1/2		1/2		1/2	4,749.05	1/2	4,391.12	1/2	4,033.18	1/2	3,675.24	1/2	3,317.31	1/2	2,601.44
3/4		3/4		3/4		3/4		3/4	4,741.60	3/4	4,383.66	3/4	4,025.72	3/4	3,667.79	3/4	3,309.85	3/4	2,593.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "HTCO 3074"

1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,586.53	0	2,228.59	0	1,870.66	0	1,512.72	0	1,154.78	0	796.85	0	437.98	0	99.17	0			
1/4	2,579.07	1/4	2,221.13	1/4	1,863.20	1/4	1,505.26	1/4	1,147.33	1/4	789.39	1/4	430.50	1/4	92.68	1/4			
1/2	2,571.61	1/2	2,213.67	1/2	1,855.74	1/2	1,497.80	1/2	1,139.87	1/2	781.93	1/2	423.05	1/2	86.21	1/2			
3/4	2,564.15	3/4	2,206.22	3/4	1,848.28	3/4	1,490.34	3/4	1,132.41	3/4	774.47	3/4	415.59	3/4	79.75	3/4			
1	2,556.70	1	2,198.76	1	1,840.83	1	1,482.89	1	1,124.96	1	767.02	1	408.14	1	73.28	1			
1/4	2,549.24	1/4	2,191.31	1/4	1,833.37	1/4	1,475.43	1/4	1,117.50	1/4	759.56	1/4	400.69	1/4	66.82	1/4			
1/2	2,541.78	1/2	2,183.85	1/2	1,825.91	1/2	1,467.97	1/2	1,110.04	1/2	752.10	1/2	393.33	1/2	60.56	1/2			
3/4	2,534.32	3/4	2,176.39	3/4	1,818.45	3/4	1,460.52	3/4	1,102.58	3/4	744.64	3/4	385.97	3/4	54.30	3/4			
2	2,526.87	2	2,168.94	2	1,811.00	2	1,453.06	2	1,095.13	2	737.19	2	378.62	2	48.04	2			
1/4	2,519.41	1/4	2,161.48	1/4	1,803.54	1/4	1,445.61	1/4	1,087.67	1/4	729.73	1/4	371.26	1/4	41.78	1/4			
1/2	2,511.95	1/2	2,154.02	1/2	1,796.08	1/2	1,438.15	1/2	1,080.21	1/2	722.27	1/2	363.93	1/2	36.84	1/2			
3/4	2,504.50	3/4	2,146.56	3/4	1,788.62	3/4	1,430.69	3/4	1,072.75	3/4	714.82	3/4	356.60	3/4	31.90	3/4			
3	2,497.04	3	2,139.11	3	1,781.17	3	1,423.24	3	1,065.30	3	707.36	3	349.27	3	26.97	3			
1/4	2,489.59	1/4	2,131.65	1/4	1,773.71	1/4	1,415.78	1/4	1,057.84	1/4	699.91	1/4	341.94	1/4	22.03	1/4			
1/2	2,482.13	1/2	2,124.19	1/2	1,766.25	1/2	1,408.32	1/2	1,050.38	1/2	692.45	1/2	334.70	1/2	18.62	1/2			
3/4	2,474.67	3/4	2,116.73	3/4	1,758.80	3/4	1,400.86	3/4	1,042.92	3/4	684.99	3/4	327.47	3/4		3/4			
4	2,467.22	4	2,109.28	4	1,751.34	4	1,393.41	4	1,035.47	4	677.54	4	320.23	4		4			
1/4	2,459.76	1/4	2,101.82	1/4	1,743.89	1/4	1,385.95	1/4	1,028.01	1/4	670.08	1/4	313.00	1/4		1/4			
1/2	2,452.30	1/2	2,094.36	1/2	1,736.43	1/2	1,378.49	1/2	1,020.55	1/2	662.62	1/2	305.80	1/2		1/2			
3/4	2,444.84	3/4	2,086.90	3/4	1,728.97	3/4	1,371.03	3/4	1,013.09	3/4	655.16	3/4	298.59	3/4		3/4			
5	2,437.39	5	2,079.45	5	1,721.52	5	1,363.58	5	1,005.64	5	647.71	5	291.39	5	5	5			
1/4	2,429.93	1/4	2,071.99	1/4	1,714.06	1/4	1,356.12	1/4	998.18	1/4	640.25	1/4	284.19	1/4		1/4			
1/2	2,422.47	1/2	2,064.53	1/2	1,706.60	1/2	1,348.66	1/2	990.72	1/2	632.79	1/2	277.08	1/2		1/2			
3/4	2,415.01	3/4	2,057.08	3/4	1,699.14	3/4	1,341.20	3/4	983.27	3/4	625.33	3/4	269.97	3/4		3/4			
6	2,407.56	6	2,049.62	6	1,691.69	6	1,333.75	6	975.81	6	617.88	6	262.87	6	6	6			
1/4	2,400.10	1/4	2,042.17	1/4	1,684.23	1/4	1,326.29	1/4	968.36	1/4	610.42	1/4	255.76	1/4		1/4			
1/2	2,392.64	1/2	2,034.71	1/2	1,676.77	1/2	1,318.83	1/2	960.90	1/2	602.96	1/2	248.68	1/2		1/2			
3/4	2,385.18	3/4	2,027.25	3/4	1,669.31	3/4	1,311.38	3/4	953.44	3/4	595.50	3/4	241.60	3/4		3/4			
7	2,377.73	7	2,019.80	7	1,661.86	7	1,303.92	7	945.99	7	588.05	7	234.53	7	7	7			
1/4	2,370.27	1/4	2,012.34	1/4	1,654.40	1/4	1,296.47	1/4	938.53	1/4	580.59	1/4	227.45	1/4		1/4			
1/2	2,362.81	1/2	2,004.88	1/2	1,646.94	1/2	1,289.01	1/2	931.07	1/2	573.13	1/2	220.47	1/2		1/2			
3/4	2,355.36	3/4	1,997.42	3/4	1,639.48	3/4	1,281.55	3/4	923.61	3/4	565.68	3/4	213.48	3/4		3/4			
8	2,347.90	8	1,989.97	8	1,632.03	8	1,274.10	8	916.16	8	558.22	8	206.50	8	8	8			
1/4	2,340.45	1/4	1,982.51	1/4	1,624.57	1/4	1,266.64	1/4	908.70	1/4	550.77	1/4	199.52	1/4		1/4			
1/2	2,332.99	1/2	1,975.05	1/2	1,617.11	1/2	1,259.18	1/2	901.24	1/2	543.31	1/2	192.57	1/2		1/2			
3/4	2,325.53	3/4	1,967.59	3/4	1,609.66	3/4	1,251.72	3/4	893.78	3/4	535.85	3/4	185.61	3/4		3/4			
9	2,318.08	9	1,960.14	9	1,602.20	9	1,244.27	9	886.33	9	528.40	9	178.66	9	9	9			
1/4	2,310.62	1/4	1,952.68	1/4	1,594.75	1/4	1,236.81	1/4	878.87	1/4	520.94	1/4	171.71	1/4		1/4			
1/2	2,303.16	1/2	1,945.22	1/2	1,587.29	1/2	1,229.35	1/2	871.41	1/2	513.39	1/2	165.03	1/2		1/2			
3/4	2,295.70	3/4	1,937.76	3/4	1,579.83	3/4	1,221.89	3/4	863.95	3/4	505.84	3/4	158.35	3/4		3/4			
10	2,288.25	10	1,930.31	10	1,572.38	10	1,214.44	10	856.50	10	498.30	10	151.68	10	10	10			
1/4	2,280.79	1/4	1,922.85	1/4	1,564.92	1/4	1,206.98	1/4	849.04	1/4	490.75	1/4	145.00	1/4		1/4			
1/2	2,273.33	1/2	1,915.39	1/2	1,557.46	1/2	1,199.52	1/2	841.58	1/2	483.17	1/2	138.41	1/2		1/2			
3/4	2,265.87	3/4	1,907.94	3/4	1,550.00	3/4	1,192.06	3/4	834.13	3/4	475.59	3/4	131.83	3/4		3/4			
11	2,258.42	11	1,900.48	11	1,542.55	11	1,184.61	11	826.67	11	468.01	11	125.24	11	11	11			
1/4	2,250.96	1/4	1,893.03	1/4	1,535.09	1/4	1,177.15	1/4	819.22	1/4	460.43	1/4	118.66	1/4		1/4			
1/2	2,243.50	1/2	1,885.57	1/2	1,527.63	1/2	1,169.69	1/2	811.76	1/2	452.95	1/2	112.16	1/2		1/2			
3/4	2,236.04	3/4	1,878.11	3/4	1,520.17	3/4	1,162.24	3/4	804.30	3/4	445.46	3/4	105.67	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/17/2019 CL
RECALCULATED: 06/25/2019 CL
REPRINTED: 06/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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



BARGE "HTCO 3074"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,734.14	0	4,376.21	0	4,018.27	0	3,660.33	0	3,302.40	0	2,944.46
1/4		1/4		1/4		1/4		1/4	4,726.69	1/4	4,368.75	1/4	4,010.81	1/4	3,652.88	1/4	3,294.94	1/4	2,937.01
1/2		1/2		1/2		1/2		1/2	4,719.23	1/2	4,361.29	1/2	4,003.35	1/2	3,645.42	1/2	3,287.48	1/2	2,929.55
3/4		3/4		3/4		3/4		3/4	4,711.77	3/4	4,353.83	3/4	3,995.89	3/4	3,637.96	3/4	3,280.02	3/4	2,922.09
1		1		1		1		1	5,049.06	1	4,704.32	1	4,346.38	1	3,988.44	1	3,630.51	1	3,272.57
1/4		1/4		1/4		1/4		1/4	5,044.54	1/4	4,696.86	1/4	4,338.92	1/4	3,980.98	1/4	3,623.05	1/4	3,265.11
1/2		1/2		1/2		1/2		1/2	5,038.88	1/2	4,689.40	1/2	4,331.46	1/2	3,973.52	1/2	3,615.59	1/2	3,257.65
3/4		3/4		3/4		3/4		3/4	5,033.23	3/4	4,681.94	3/4	4,324.00	3/4	3,966.07	3/4	3,608.13	3/4	3,250.19
2		2		2		2		2	5,027.57	2	4,674.49	2	4,316.55	2	3,958.61	2	3,600.68	2	3,242.74
1/4		1/4		1/4		1/4		1/4	5,021.91	1/4	4,667.03	1/4	4,309.09	1/4	3,951.16	1/4	3,593.22	1/4	3,235.28
1/2		1/2		1/2		1/2		1/2	5,015.12	1/2	4,659.57	1/2	4,301.63	1/2	3,943.70	1/2	3,585.76	1/2	3,227.82
3/4		3/4		3/4		3/4		3/4	5,008.33	3/4	4,652.11	3/4	4,294.17	3/4	3,936.24	3/4	3,578.30	3/4	3,220.37
3		3		3		3		3	5,001.54	3	4,644.66	3	4,286.72	3	3,928.79	3	3,570.85	3	3,212.91
1/4		1/4		1/4		1/4		1/4	4,994.75	1/4	4,637.20	1/4	4,279.26	1/4	3,921.33	1/4	3,563.39	1/4	3,205.46
1/2		1/2		1/2		1/2		1/2	4,987.39	1/2	4,629.74	1/2	4,271.80	1/2	3,913.87	1/2	3,555.93	1/2	3,198.00
3/4		3/4		3/4		3/4		3/4	4,980.03	3/4	4,622.28	3/4	4,264.35	3/4	3,906.41	3/4	3,548.47	3/4	3,190.54
4		4		4		4		4	4,972.67	4	4,614.83	4	4,256.89	4	3,898.96	4	3,541.02	4	3,183.09
1/4		1/4		1/4		1/4		1/4	4,965.31	1/4	4,607.37	1/4	4,249.44	1/4	3,891.50	1/4	3,533.56	1/4	3,175.63
1/2		1/2		1/2		1/2		1/2	4,957.85	1/2	4,599.91	1/2	4,241.98	1/2	3,884.04	1/2	3,526.10	1/2	3,168.17
3/4		3/4		3/4		3/4		3/4	4,950.40	3/4	4,592.46	3/4	4,234.52	3/4	3,876.58	3/4	3,518.65	3/4	3,160.71
5		5		5		5		5	4,942.94	5	4,585.00	5	4,227.07	5	3,869.13	5	3,511.19	5	3,153.26
1/4		1/4		1/4		1/4		1/4	4,935.48	1/4	4,577.55	1/4	4,219.61	1/4	3,861.67	1/4	3,503.74	1/4	3,145.80
1/2		1/2		1/2		1/2		1/2	4,928.02	1/2	4,570.09	1/2	4,212.15	1/2	3,854.21	1/2	3,496.28	1/2	3,138.34
3/4		3/4		3/4		3/4		3/4	4,920.57	3/4	4,562.63	3/4	4,204.69	3/4	3,846.75	3/4	3,488.82	3/4	3,130.88
6		6		6		6		6	4,913.11	6	4,555.18	6	4,197.24	6	3,839.30	6	3,481.37	6	3,123.43
1/4		1/4		1/4		1/4		1/4	4,905.65	1/4	4,547.72	1/4	4,189.78	1/4	3,831.84	1/4	3,473.91	1/4	3,115.97
1/2		1/2		1/2		1/2		1/2	4,898.20	1/2	4,540.26	1/2	4,182.32	1/2	3,824.38	1/2	3,466.45	1/2	3,108.51
3/4		3/4		3/4		3/4		3/4	4,890.74	3/4	4,532.80	3/4	4,174.86	3/4	3,816.93	3/4	3,458.99	3/4	3,101.06
7		7		7		7		7	4,883.29	7	4,525.35	7	4,167.41	7	3,809.47	7	3,451.54	7	3,093.60
1/4		1/4		1/4		1/4		1/4	4,875.83	1/4	4,517.89	1/4	4,159.95	1/4	3,802.02	1/4	3,444.08	1/4	3,086.15
1/2		1/2		1/2		1/2		1/2	4,868.37	1/2	4,510.43	1/2	4,152.49	1/2	3,794.56	1/2	3,436.62	1/2	3,078.69
3/4		3/4		3/4		3/4		3/4	4,860.92	3/4	4,502.97	3/4	4,145.03	3/4	3,787.10	3/4	3,429.16	3/4	3,071.23
8		8		8		8		8	4,853.46	8	4,495.52	8	4,137.58	8	3,779.65	8	3,421.71	8	3,063.78
1/4		1/4		1/4		1/4		1/4	4,846.00	1/4	4,488.06	1/4	4,130.12	1/4	3,772.19	1/4	3,414.25	1/4	3,056.32
1/2		1/2		1/2		1/2		1/2	4,838.54	1/2	4,480.60	1/2	4,122.66	1/2	3,764.73	1/2	3,406.79	1/2	3,048.86
3/4		3/4		3/4		3/4		3/4	4,831.08	3/4	4,473.14	3/4	4,115.21	3/4	3,757.27	3/4	3,399.33	3/4	3,041.40
9		9		9		9		9	4,823.63	9	4,465.69	9	4,107.75	9	3,749.82	9	3,391.88	9	3,033.95
1/4		1/4		1/4		1/4		1/4	4,816.17	1/4	4,458.23	1/4	4,100.30	1/4	3,742.36	1/4	3,384.42	1/4	3,026.49
1/2		1/2		1/2		1/2		1/2	4,808.71	1/2	4,450.77	1/2	4,092.84	1/2	3,734.90	1/2	3,376.96	1/2	3,019.03
3/4		3/4		3/4		3/4		3/4	4,801.25	3/4	4,443.32	3/4	4,085.38	3/4	3,727.44	3/4	3,369.51	3/4	3,011.57
10		10		10		10		10	4,793.80	10	4,435.86	10	4,077.93	10	3,719.99	10	3,362.05	10	3,004.12
1/4		1/4		1/4		1/4		1/4	4,786.34	1/4	4,428.41	1/4	4,070.47	1/4	3,712.53	1/4	3,354.60	1/4	2,996.66
1/2		1/2		1/2		1/2		1/2	4,778.88	1/2	4,420.95	1/2	4,063.01	1/2	3,705.07	1/2	3,347.14	1/2	2,989.20
3/4		3/4		3/4		3/4		3/4	4,771.42	3/4	4,413.49	3/4	4,055.55	3/4	3,697.61	3/4	3,339.68	3/4	2,981.74
11		11		11		11		11	4,763.97	11	4,406.04	11	4,048.10	11	3,690.16	11	3,332.23	11	2,974.29
1/4		1/4		1/4		1/4		1/4	4,756.51	1/4	4,398.58	1/4	4,040.64	1/4	3,682.70	1/4	3,324.77	1/4	2,966.83
1/2		1/2		1/2		1/2		1/2	4,749.05	1/2	4,391.12	1/2	4,033.18	1/2	3,675.24	1/2	3,317.31	1/2	2,959.37
3/4		3/4		3/4		3/4		3/4	4,741.60	3/4	4,383.66	3/4	4,025.72	3/4	3,667.79	3/4	3,309.85	3/4	2,951.92

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

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



BARGE "HTCO 3074"

1 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,586.53	0	2,228.59	0	1,870.66	0	1,512.72	0	1,154.78	0	796.85	0	437.98	0	99.17	0		0	
1/4	2,579.07	1/4	2,221.13	1/4	1,863.20	1/4	1,505.26	1/4	1,147.33	1/4	789.39	1/4	430.50	1/4	92.68	1/4		1/4	
1/2	2,571.61	1/2	2,213.67	1/2	1,855.74	1/2	1,497.80	1/2	1,139.87	1/2	781.93	1/2	423.05	1/2	86.21	1/2		1/2	
3/4	2,564.15	3/4	2,206.22	3/4	1,848.28	3/4	1,490.34	3/4	1,132.41	3/4	774.47	3/4	415.59	3/4	79.75	3/4		3/4	
1	2,556.70	1	2,198.76	1	1,840.83	1	1,482.89	1	1,124.96	1	767.02	1	408.14	1	73.28	1		1	
1/4	2,549.24	1/4	2,191.31	1/4	1,833.37	1/4	1,475.43	1/4	1,117.50	1/4	759.56	1/4	400.69	1/4	66.82	1/4		1/4	
1/2	2,541.78	1/2	2,183.85	1/2	1,825.91	1/2	1,467.97	1/2	1,110.04	1/2	752.10	1/2	393.33	1/2	60.56	1/2		1/2	
3/4	2,534.32	3/4	2,176.39	3/4	1,818.45	3/4	1,460.52	3/4	1,102.58	3/4	744.64	3/4	385.97	3/4	54.30	3/4		3/4	
2	2,526.87	2	2,168.94	2	1,811.00	2	1,453.06	2	1,095.13	2	737.19	2	378.62	2	48.04	2		2	
1/4	2,519.41	1/4	2,161.48	1/4	1,803.54	1/4	1,445.61	1/4	1,087.67	1/4	729.73	1/4	371.26	1/4	41.78	1/4		1/4	
1/2	2,511.95	1/2	2,154.02	1/2	1,796.08	1/2	1,438.15	1/2	1,080.21	1/2	722.27	1/2	363.93	1/2	36.84	1/2		1/2	
3/4	2,504.50	3/4	2,146.56	3/4	1,788.62	3/4	1,430.69	3/4	1,072.75	3/4	714.82	3/4	356.60	3/4	31.90	3/4		3/4	
3	2,497.04	3	2,139.11	3	1,781.17	3	1,423.24	3	1,065.30	3	707.36	3	349.27	3	26.97	3		3	
1/4	2,489.59	1/4	2,131.65	1/4	1,773.71	1/4	1,415.78	1/4	1,057.84	1/4	699.91	1/4	341.94	1/4	22.03	1/4		1/4	
1/2	2,482.13	1/2	2,124.19	1/2	1,766.25	1/2	1,408.32	1/2	1,050.38	1/2	692.45	1/2	334.70	1/2	18.62	1/2		1/2	
3/4	2,474.67	3/4	2,116.73	3/4	1,758.80	3/4	1,400.86	3/4	1,042.92	3/4	684.99	3/4	327.47	3/4		3/4		3/4	
4	2,467.22	4	2,109.28	4	1,751.34	4	1,393.41	4	1,035.47	4	677.54	4	320.23	4		4		4	
1/4	2,459.76	1/4	2,101.82	1/4	1,743.89	1/4	1,385.95	1/4	1,028.01	1/4	670.08	1/4	313.00	1/4		1/4		1/4	
1/2	2,452.30	1/2	2,094.36	1/2	1,736.43	1/2	1,378.49	1/2	1,020.55	1/2	662.62	1/2	305.80	1/2		1/2		1/2	
3/4	2,444.84	3/4	2,086.90	3/4	1,728.97	3/4	1,371.03	3/4	1,013.09	3/4	655.16	3/4	298.59	3/4		3/4		3/4	
5	2,437.39	5	2,079.45	5	1,721.52	5	1,363.58	5	1,005.64	5	647.71	5	291.39	5	5	5		5	
1/4	2,429.93	1/4	2,071.99	1/4	1,714.06	1/4	1,356.12	1/4	998.18	1/4	640.25	1/4	284.19	1/4		1/4		1/4	
1/2	2,422.47	1/2	2,064.53	1/2	1,706.60	1/2	1,348.66	1/2	990.72	1/2	632.79	1/2	277.08	1/2		1/2		1/2	
3/4	2,415.01	3/4	2,057.08	3/4	1,699.14	3/4	1,341.20	3/4	983.27	3/4	625.33	3/4	269.97	3/4		3/4		3/4	
6	2,407.56	6	2,049.62	6	1,691.69	6	1,333.75	6	975.81	6	617.88	6	262.87	6	6	6		6	
1/4	2,400.10	1/4	2,042.17	1/4	1,684.23	1/4	1,326.29	1/4	968.36	1/4	610.42	1/4	255.76	1/4		1/4		1/4	
1/2	2,392.64	1/2	2,034.71	1/2	1,676.77	1/2	1,318.83	1/2	960.90	1/2	602.96	1/2	248.68	1/2		1/2		1/2	
3/4	2,385.18	3/4	2,027.25	3/4	1,669.31	3/4	1,311.38	3/4	953.44	3/4	595.50	3/4	241.60	3/4		3/4		3/4	
7	2,377.73	7	2,019.80	7	1,661.86	7	1,303.92	7	945.99	7	588.05	7	234.53	7	7	7		7	
1/4	2,370.27	1/4	2,012.34	1/4	1,654.40	1/4	1,296.47	1/4	938.53	1/4	580.59	1/4	227.45	1/4		1/4		1/4	
1/2	2,362.81	1/2	2,004.88	1/2	1,646.94	1/2	1,289.01	1/2	931.07	1/2	573.13	1/2	220.47	1/2		1/2		1/2	
3/4	2,355.36	3/4	1,997.42	3/4	1,639.48	3/4	1,281.55	3/4	923.61	3/4	565.68	3/4	213.48	3/4		3/4		3/4	
8	2,347.90	8	1,989.97	8	1,632.03	8	1,274.10	8	916.16	8	558.22	8	206.50	8	8	8		8	
1/4	2,340.45	1/4	1,982.51	1/4	1,624.57	1/4	1,266.64	1/4	908.70	1/4	550.77	1/4	199.52	1/4		1/4		1/4	
1/2	2,332.99	1/2	1,975.05	1/2	1,617.11	1/2	1,259.18	1/2	901.24	1/2	543.31	1/2	192.57	1/2		1/2		1/2	
3/4	2,325.53	3/4	1,967.59	3/4	1,609.66	3/4	1,251.72	3/4	893.78	3/4	535.85	3/4	185.61	3/4		3/4		3/4	
9	2,318.08	9	1,960.14	9	1,602.20	9	1,244.27	9	886.33	9	528.40	9	178.66	9	9	9		9	
1/4	2,310.62	1/4	1,952.68	1/4	1,594.75	1/4	1,236.81	1/4	878.87	1/4	520.94	1/4	171.71	1/4		1/4		1/4	
1/2	2,303.16	1/2	1,945.22	1/2	1,587.29	1/2	1,229.35	1/2	871.41	1/2	513.39	1/2	165.03	1/2		1/2		1/2	
3/4	2,295.70	3/4	1,937.76	3/4	1,579.83	3/4	1,221.89	3/4	863.95	3/4	505.84	3/4	158.35	3/4		3/4		3/4	
10	2,288.25	10	1,930.31	10	1,572.38	10	1,214.44	10	856.50	10	498.30	10	151.68	10	10	10		10	
1/4	2,280.79	1/4	1,922.85	1/4	1,564.92	1/4	1,206.98	1/4	849.04	1/4	490.75	1/4	145.00	1/4		1/4		1/4	
1/2	2,273.33	1/2	1,915.39	1/2	1,557.46	1/2	1,199.52	1/2	841.58	1/2	483.17	1/2	138.41	1/2		1/2		1/2	
3/4	2,265.87	3/4	1,907.94	3/4	1,550.00	3/4	1,192.06	3/4	834.13	3/4	475.59	3/4	131.83	3/4		3/4		3/4	
11	2,258.42	11	1,900.48	11	1,542.55	11	1,184.61	11	826.67	11	468.01	11	125.24	11	11	11		11	
1/4	2,250.96	1/4	1,893.03	1/4	1,535.09	1/4	1,177.15	1/4	819.22	1/4	460.43	1/4	118.66	1/4		1/4		1/4	
1/2	2,243.50	1/2	1,885.57	1/2	1,527.63	1/2	1,169.69	1/2	811.76	1/2	452.95	1/2	112.16	1/2		1/2		1/2	
3/4	2,236.04	3/4	1,878.11	3/4	1,520.17	3/4	1,162.24	3/4	804.30	3/4	445.46	3/4	105.67	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/17/2019 CL
RECALCULATED: 06/25/2019 CL
REPRINTED: 06/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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



BARGE "HTCO 3074"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	4,795.05	0	4,438.93	0	4,077.87	0	3,716.81	0	3,355.76	0	2,994.70
1/4		1/4		1/4		1/4		1/4	4,787.90	1/4	4,431.41	1/4	4,070.35	1/4	3,709.29	1/4	3,348.24	1/4	2,987.18
1/2		1/2		1/2		1/2		1/2	4,780.76	1/2	4,423.89	1/2	4,062.83	1/2	3,701.77	1/2	3,340.72	1/2	2,979.66
3/4		3/4		3/4		3/4		3/4	4,773.62	3/4	4,416.37	3/4	4,055.31	3/4	3,694.25	3/4	3,333.20	3/4	2,972.14
1		1		1		1		1	4,766.48	1	4,408.85	1	4,047.78	1	3,686.73	1	3,325.67	1	2,964.61
1/4		1/4		1/4		1/4		1/4	5,088.31	1/4	4,759.33	1/4	4,401.32	1/4	4,040.26	1/4	3,679.21	1/4	3,318.15
1/2		1/2		1/2		1/2		1/2	5,084.05	1/2	4,752.19	1/2	4,393.80	1/2	4,032.74	1/2	3,671.69	1/2	3,310.63
3/4		3/4		3/4		3/4		3/4	5,078.73	3/4	4,745.05	3/4	4,386.28	3/4	4,025.22	3/4	3,664.17	3/4	3,303.11
2		2		2		2		2	5,073.40	2	4,737.91	2	4,378.76	2	4,017.69	2	3,656.64	2	3,295.58
1/4		1/4		1/4		1/4		1/4	5,068.08	1/4	4,730.77	1/4	4,371.23	1/4	4,010.17	1/4	3,649.12	1/4	3,288.06
1/2		1/2		1/2		1/2		1/2	5,062.75	1/2	4,723.63	1/2	4,363.71	1/2	4,002.65	1/2	3,641.60	1/2	3,280.54
3/4		3/4		3/4		3/4		3/4	5,056.40	3/4	4,716.39	3/4	4,356.19	3/4	3,995.13	3/4	3,634.08	3/4	3,273.02
3		3		3		3		3	5,050.05	3	4,709.16	3	4,348.67	3	3,987.61	3	3,626.55	3	3,265.49
1/4		1/4		1/4		1/4		1/4	5,043.69	1/4	4,701.92	1/4	4,341.14	1/4	3,980.09	1/4	3,619.03	1/4	3,257.97
1/2		1/2		1/2		1/2		1/2	5,037.34	1/2	4,694.68	1/2	4,333.62	1/2	3,972.57	1/2	3,611.51	1/2	3,250.45
3/4		3/4		3/4		3/4		3/4	5,030.33	3/4	4,687.16	3/4	4,326.10	3/4	3,965.05	3/4	3,603.99	3/4	3,242.93
4		4		4		4		4	5,023.33	4	4,679.64	4	4,318.58	4	3,957.52	4	3,596.46	4	3,235.41
1/4		1/4		1/4		1/4		1/4	5,016.32	1/4	4,672.11	1/4	4,311.05	1/4	3,950.00	1/4	3,588.94	1/4	3,227.89
1/2		1/2		1/2		1/2		1/2	5,009.31	1/2	4,664.59	1/2	4,303.53	1/2	3,942.48	1/2	3,581.42	1/2	3,220.37
3/4		3/4		3/4		3/4		3/4	5,002.17	3/4	4,657.07	3/4	4,296.01	3/4	3,934.96	3/4	3,573.90	3/4	3,212.85
5		5		5		5		5	4,995.03	5	4,649.55	5	4,288.49	5	3,927.43	5	3,566.37	5	3,205.32
1/4		1/4		1/4		1/4		1/4	4,987.88	1/4	4,642.02	1/4	4,280.97	1/4	3,919.91	1/4	3,558.85	1/4	3,197.80
1/2		1/2		1/2		1/2		1/2	4,980.74	1/2	4,634.50	1/2	4,273.45	1/2	3,912.39	1/2	3,551.33	1/2	3,190.28
3/4		3/4		3/4		3/4		3/4	4,973.60	3/4	4,626.98	3/4	4,265.93	3/4	3,904.87	3/4	3,543.81	3/4	3,182.76
6		6		6		6		6	4,966.46	6	4,619.46	6	4,258.40	6	3,897.34	6	3,536.29	6	3,175.23
1/4		1/4		1/4		1/4		1/4	4,959.31	1/4	4,611.93	1/4	4,250.88	1/4	3,889.82	1/4	3,528.77	1/4	3,167.71
1/2		1/2		1/2		1/2		1/2	4,952.17	1/2	4,604.41	1/2	4,243.36	1/2	3,882.30	1/2	3,521.25	1/2	3,160.19
3/4		3/4		3/4		3/4		3/4	4,945.03	3/4	4,596.89	3/4	4,235.84	3/4	3,874.78	3/4	3,513.73	3/4	3,152.67
7		7		7		7		7	4,937.89	7	4,589.37	7	4,228.31	7	3,867.25	7	3,506.20	7	3,145.14
1/4		1/4		1/4		1/4		1/4	4,930.74	1/4	4,581.85	1/4	4,220.79	1/4	3,859.73	1/4	3,498.68	1/4	3,137.62
1/2		1/2		1/2		1/2		1/2	4,923.60	1/2	4,574.33	1/2	4,213.27	1/2	3,852.21	1/2	3,491.16	1/2	3,130.10
3/4		3/4		3/4		3/4		3/4	4,916.46	3/4	4,566.81	3/4	4,205.75	3/4	3,844.69	3/4	3,483.64	3/4	3,122.58
8		8		8		8		8	4,909.32	8	4,559.29	8	4,198.22	8	3,837.17	8	3,476.11	8	3,115.05
1/4		1/4		1/4		1/4		1/4	4,902.17	1/4	4,551.76	1/4	4,190.70	1/4	3,829.65	1/4	3,468.59	1/4	3,107.53
1/2		1/2		1/2		1/2		1/2	4,895.03	1/2	4,544.24	1/2	4,183.18	1/2	3,822.13	1/2	3,461.07	1/2	3,100.01
3/4		3/4		3/4		3/4		3/4	4,887.89	3/4	4,536.72	3/4	4,175.66	3/4	3,814.61	3/4	3,453.55	3/4	3,092.50
9		9		9		9		9	4,880.75	9	4,529.20	9	4,168.13	9	3,807.08	9	3,446.02	9	3,084.98
1/4		1/4		1/4		1/4		1/4	4,873.61	1/4	4,521.67	1/4	4,160.61	1/4	3,799.56	1/4	3,438.50	1/4	3,077.47
1/2		1/2		1/2		1/2		1/2	4,866.47	1/2	4,514.15	1/2	4,153.09	1/2	3,792.04	1/2	3,430.98	1/2	3,069.96
3/4		3/4		3/4		3/4		3/4	4,859.33	3/4	4,506.63	3/4	4,145.57	3/4	3,784.52	3/4	3,423.46	3/4	3,062.43
10		10		10		10		10	4,852.19	10	4,499.11	10	4,138.05	10	3,776.99	10	3,415.93	10	3,054.90
1/4		1/4		1/4		1/4		1/4	4,845.04	1/4	4,491.58	1/4	4,130.53	1/4	3,769.47	1/4	3,408.41	1/4	3,047.37
1/2		1/2		1/2		1/2		1/2	4,837.90	1/2	4,484.06	1/2	4,123.01	1/2	3,761.95	1/2	3,400.89	1/2	3,039.84
3/4		3/4		3/4		3/4		3/4	4,830.76	3/4	4,476.54	3/4	4,115.49	3/4	3,754.43	3/4	3,393.37	3/4	3,032.32
11		11		11		11		11	4,823.62	11	4,469.02	11	4,107.96	11	3,746.90	11	3,385.85	11	3,024.79
1/4		1/4		1/4		1/4		1/4	4,816.47	1/4	4,461.49	1/4	4,100.44	1/4	3,739.38	1/4	3,378.33	1/4	3,017.27
1/2		1/2		1/2		1/2		1/2	4,809.33	1/2	4,453.97	1/2	4,092.92	1/2	3,731.86	1/2	3,370.81	1/2	3,009.75
3/4		3/4		3/4		3/4		3/4	4,802.19	3/4	4,446.45	3/4	4,085.40	3/4	3,724.34	3/4	3,363.29	3/4	3,002.23

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

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



BARGE "HTCO 3074"

2 PORT 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	2,633.65	0	2,272.59	0	1,911.53	0	1,550.48	0	1,189.42	0	828.37	0	467.31	0	111.55	0			
1/4	2,626.13	1/4	2,265.07	1/4	1,904.01	1/4	1,542.96	1/4	1,181.90	1/4	820.85	1/4	459.79	1/4	104.61	1/4			
1/2	2,618.61	1/2	2,257.55	1/2	1,896.49	1/2	1,535.44	1/2	1,174.38	1/2	813.33	1/2	452.27	1/2	97.68	1/2			
3/4	2,611.09	3/4	2,250.03	3/4	1,888.97	3/4	1,527.92	3/4	1,166.86	3/4	805.81	3/4	444.75	3/4	90.75	3/4			
1	2,603.56	1	2,242.50	1	1,881.45	1	1,520.39	1	1,159.33	1	798.28	1	437.22	1	83.81	1			
1/4	2,596.04	1/4	2,234.98	1/4	1,873.93	1/4	1,512.87	1/4	1,151.81	1/4	790.76	1/4	429.70	1/4	76.88	1/4			
1/2	2,588.52	1/2	2,227.46	1/2	1,866.41	1/2	1,505.35	1/2	1,144.29	1/2	783.24	1/2	422.18	1/2	69.95	1/2			
3/4	2,581.00	3/4	2,219.94	3/4	1,858.89	3/4	1,497.83	3/4	1,136.77	3/4	775.72	3/4	414.66	3/4	63.14	3/4			
2	2,573.47	2	2,212.41	2	1,851.36	2	1,490.30	2	1,129.25	2	768.19	2	407.13	2	56.33	2			
1/4	2,565.95	1/4	2,204.89	1/4	1,843.84	1/4	1,482.78	1/4	1,121.73	1/4	760.67	1/4	399.61	1/4	49.52	1/4			
1/2	2,558.43	1/2	2,197.37	1/2	1,836.32	1/2	1,475.26	1/2	1,114.21	1/2	753.15	1/2	392.09	1/2	42.71	1/2			
3/4	2,550.91	3/4	2,189.85	3/4	1,828.80	3/4	1,467.74	3/4	1,106.69	3/4	745.63	3/4	384.57	3/4	37.43	3/4			
3	2,543.38	3	2,182.33	3	1,821.27	3	1,460.21	3	1,099.16	3	738.10	3	377.05	3	32.15	3			
1/4	2,535.86	1/4	2,174.81	1/4	1,813.75	1/4	1,452.69	1/4	1,091.64	1/4	730.58	1/4	369.53	1/4	26.87	1/4			
1/2	2,528.34	1/2	2,167.29	1/2	1,806.23	1/2	1,445.17	1/2	1,084.12	1/2	723.06	1/2	362.01	1/2	21.59	1/2			
3/4	2,520.82	3/4	2,159.77	3/4	1,798.71	3/4	1,437.65	3/4	1,076.60	3/4	715.54	3/4	354.49	3/4	18.06	3/4			
4	2,513.29	4	2,152.24	4	1,791.18	4	1,430.13	4	1,069.07	4	708.01	4	346.96	4		4			
1/4	2,505.77	1/4	2,144.72	1/4	1,783.66	1/4	1,422.61	1/4	1,061.55	1/4	700.49	1/4	339.44	1/4		1/4			
1/2	2,498.25	1/2	2,137.20	1/2	1,776.14	1/2	1,415.09	1/2	1,054.03	1/2	692.97	1/2	331.92	1/2		1/2			
3/4	2,490.73	3/4	2,129.68	3/4	1,768.62	3/4	1,407.57	3/4	1,046.51	3/4	685.45	3/4	324.40	3/4		3/4			
5	2,483.21	5	2,122.15	5	1,761.09	5	1,400.04	5	1,038.98	5	677.93	5	316.87	5		5			
1/4	2,475.69	1/4	2,114.63	1/4	1,753.57	1/4	1,392.52	1/4	1,031.46	1/4	670.41	1/4	309.35	1/4		1/4			
1/2	2,468.17	1/2	2,107.11	1/2	1,746.05	1/2	1,385.00	1/2	1,023.94	1/2	662.89	1/2	301.83	1/2		1/2			
3/4	2,460.65	3/4	2,099.59	3/4	1,738.53	3/4	1,377.48	3/4	1,016.42	3/4	655.37	3/4	294.31	3/4		3/4			
6	2,453.12	6	2,092.06	6	1,731.01	6	1,369.95	6	1,008.89	6	647.84	6	286.78	6		6			
1/4	2,445.60	1/4	2,084.54	1/4	1,723.49	1/4	1,362.43	1/4	1,001.37	1/4	640.32	1/4	279.26	1/4		1/4			
1/2	2,438.08	1/2	2,077.02	1/2	1,715.97	1/2	1,354.91	1/2	993.85	1/2	632.80	1/2	271.74	1/2		1/2			
3/4	2,430.56	3/4	2,069.50	3/4	1,708.45	3/4	1,347.39	3/4	986.33	3/4	625.28	3/4	264.22	3/4		3/4			
7	2,423.03	7	2,061.97	7	1,700.92	7	1,339.86	7	978.81	7	617.75	7	256.69	7		7			
1/4	2,415.51	1/4	2,054.45	1/4	1,693.40	1/4	1,332.34	1/4	971.29	1/4	610.23	1/4	249.17	1/4		1/4			
1/2	2,407.99	1/2	2,046.93	1/2	1,685.88	1/2	1,324.82	1/2	963.77	1/2	602.71	1/2	241.65	1/2		1/2			
3/4	2,400.47	3/4	2,039.41	3/4	1,678.36	3/4	1,317.30	3/4	956.25	3/4	595.19	3/4	234.13	3/4		3/4			
8	2,392.94	8	2,031.89	8	1,670.83	8	1,309.77	8	948.72	8	587.66	8	226.61	8		8			
1/4	2,385.42	1/4	2,024.37	1/4	1,663.31	1/4	1,302.25	1/4	941.20	1/4	580.14	1/4	219.09	1/4		1/4			
1/2	2,377.90	1/2	2,016.85	1/2	1,655.79	1/2	1,294.73	1/2	933.68	1/2	572.62	1/2	211.57	1/2		1/2			
3/4	2,370.38	3/4	2,009.33	3/4	1,648.27	3/4	1,287.21	3/4	926.16	3/4	565.10	3/4	204.05	3/4		3/4			
9	2,362.85	9	2,001.80	9	1,640.74	9	1,279.69	9	918.63	9	557.57	9	196.52	9		9			
1/4	2,355.33	1/4	1,994.28	1/4	1,633.22	1/4	1,272.17	1/4	911.11	1/4	550.05	1/4	189.00	1/4		1/4			
1/2	2,347.81	1/2	1,986.76	1/2	1,625.70	1/2	1,264.65	1/2	903.59	1/2	542.53	1/2	181.48	1/2		1/2			
3/4	2,340.29	3/4	1,979.24	3/4	1,618.18	3/4	1,257.13	3/4	896.07	3/4	535.01	3/4	174.40	3/4		3/4			
10	2,332.77	10	1,971.71	10	1,610.65	10	1,249.60	10	888.54	10	527.49	10	167.31	10		10			
1/4	2,325.25	1/4	1,964.19	1/4	1,603.13	1/4	1,242.08	1/4	881.02	1/4	519.97	1/4	160.23	1/4		1/4			
1/2	2,317.73	1/2	1,956.67	1/2	1,595.61	1/2	1,234.56	1/2	873.50	1/2	512.45	1/2	153.15	1/2		1/2			
3/4	2,310.21	3/4	1,949.15	3/4	1,588.09	3/4	1,227.04	3/4	865.98	3/4	504.93	3/4	146.22	3/4		3/4			
11	2,302.68	11	1,941.62	11	1,580.57	11	1,219.51	11	858.45	11	497.40	11	139.28	11		11			
1/4	2,295.16	1/4	1,934.10	1/4	1,573.05	1/4	1,211.99	1/4	850.93	1/4	489.88	1/4	132.35	1/4		1/4			
1/2	2,287.64	1/2	1,926.58	1/2	1,565.53	1/2	1,204.47	1/2	843.41	1/2	482.36	1/2	125.42	1/2		1/2			
3/4	2,280.12	3/4	1,919.06	3/4	1,558.01	3/4	1,196.95	3/4	835.89	3/4	474.84	3/4	118.48	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/17/2019 CL
RECALCULATED: 06/25/2019 CL
REPRINTED: 06/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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



BARGE "HTCO 3074"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	0	0	4,787.90	0	4,431.41	0	4,070.35	0	3,709.29	0	3,348.24	0	2,987.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,780.76	1/4	4,423.89	1/4	4,062.83	1/4	3,701.77	1/4	3,340.72	1/4	2,979.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,773.62	1/2	4,416.37	1/2	4,055.31	1/2	3,694.25	1/2	3,333.20	1/2	2,972.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,766.48	3/4	4,408.85	3/4	4,047.78	3/4	3,686.73	3/4	3,325.67	3/4	2,964.61
1	1	1	1	1	1	1	1	1	5,088.31	1	4,759.33	1	4,401.32	1	4,040.26	1	3,679.21	1	3,318.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,084.05	1/4	4,752.19	1/4	4,393.80	1/4	4,032.74	1/4	3,671.69	1/4	3,310.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,078.73	1/2	4,745.05	1/2	4,386.28	1/2	4,025.22	1/2	3,664.17	1/2	3,303.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,073.40	3/4	4,737.91	3/4	4,378.76	3/4	4,017.69	3/4	3,656.64	3/4	3,295.58
2	2	2	2	2	2	2	2	2	5,068.08	2	4,730.77	2	4,371.23	2	4,010.17	2	3,649.12	2	3,288.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,062.75	1/4	4,723.63	1/4	4,363.71	1/4	4,002.65	1/4	3,641.60	1/4	3,280.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,056.40	1/2	4,716.39	1/2	4,356.19	1/2	3,995.13	1/2	3,634.08	1/2	3,273.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,050.05	3/4	4,709.16	3/4	4,348.67	3/4	3,987.61	3/4	3,626.55	3/4	3,265.49
3	3	3	3	3	3	3	3	3	5,043.69	3	4,701.92	3	4,341.14	3	3,980.09	3	3,619.03	3	3,257.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,037.34	1/4	4,694.68	1/4	4,333.62	1/4	3,972.57	1/4	3,611.51	1/4	3,250.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,030.33	1/2	4,687.16	1/2	4,326.10	1/2	3,965.05	1/2	3,603.99	1/2	3,242.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,023.33	3/4	4,679.64	3/4	4,318.58	3/4	3,957.52	3/4	3,596.46	3/4	3,235.41
4	4	4	4	4	4	4	4	4	5,016.32	4	4,672.11	4	4,311.05	4	3,950.00	4	3,588.94	4	3,227.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,009.31	1/4	4,664.59	1/4	4,303.53	1/4	3,942.48	1/4	3,581.42	1/4	3,220.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,002.17	1/2	4,657.07	1/2	4,296.01	1/2	3,934.96	1/2	3,573.90	1/2	3,212.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,995.03	3/4	4,649.55	3/4	4,288.49	3/4	3,927.43	3/4	3,566.37	3/4	3,205.32
5	5	5	5	5	5	5	5	5	4,987.88	5	4,642.02	5	4,280.97	5	3,919.91	5	3,558.85	5	3,197.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,980.74	1/4	4,634.50	1/4	4,273.45	1/4	3,912.39	1/4	3,551.33	1/4	3,190.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,973.60	1/2	4,626.98	1/2	4,265.93	1/2	3,904.87	1/2	3,543.81	1/2	3,182.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,966.46	3/4	4,619.46	3/4	4,258.40	3/4	3,897.34	3/4	3,536.29	3/4	3,175.23
6	6	6	6	6	6	6	6	6	4,959.31	6	4,611.93	6	4,250.88	6	3,889.82	6	3,528.77	6	3,167.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,952.17	1/4	4,604.41	1/4	4,243.36	1/4	3,882.30	1/4	3,521.25	1/4	3,160.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,945.03	1/2	4,596.89	1/2	4,235.84	1/2	3,874.78	1/2	3,513.73	1/2	3,152.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,937.89	3/4	4,589.37	3/4	4,228.31	3/4	3,867.25	3/4	3,506.20	3/4	3,145.14
7	7	7	7	7	7	7	7	7	4,930.74	7	4,581.85	7	4,220.79	7	3,859.73	7	3,498.68	7	3,137.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,923.60	1/4	4,574.33	1/4	4,213.27	1/4	3,852.21	1/4	3,491.16	1/4	3,130.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,916.46	1/2	4,566.81	1/2	4,205.75	1/2	3,844.69	1/2	3,483.64	1/2	3,122.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,909.32	3/4	4,559.29	3/4	4,198.22	3/4	3,837.17	3/4	3,476.11	3/4	3,115.05
8	8	8	8	8	8	8	8	8	4,902.17	8	4,551.76	8	4,190.70	8	3,829.65	8	3,468.59	8	3,107.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,895.03	1/4	4,544.24	1/4	4,183.18	1/4	3,822.13	1/4	3,461.07	1/4	3,100.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,887.89	1/2	4,536.72	1/2	4,175.66	1/2	3,814.61	1/2	3,453.55	1/2	3,092.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,880.75	3/4	4,529.20	3/4	4,168.13	3/4	3,807.08	3/4	3,446.02	3/4	3,084.98
9	9	9	9	9	9	9	9	9	4,873.61	9	4,521.67	9	4,160.61	9	3,799.56	9	3,438.50	9	3,077.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,866.47	1/4	4,514.15	1/4	4,153.09	1/4	3,792.04	1/4	3,430.98	1/4	3,069.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,859.33	1/2	4,506.63	1/2	4,145.57	1/2	3,784.52	1/2	3,423.46	1/2	3,062.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,852.19	3/4	4,499.11	3/4	4,138.05	3/4	3,776.99	3/4	3,415.93	3/4	3,054.90
10	10	10	10	10	10	10	10	10	4,845.04	10	4,491.58	10	4,130.53	10	3,769.47	10	3,408.41	10	3,047.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,837.90	1/4	4,484.06	1/4	4,123.01	1/4	3,761.95	1/4	3,400.89	1/4	3,039.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,830.76	1/2	4,476.54	1/2	4,115.49	1/2	3,754.43	1/2	3,393.37	1/2	3,032.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,823.62	3/4	4,469.02	3/4	4,107.96	3/4	3,746.90	3/4	3,385.85	3/4	3,024.79
11	11	11	11	11	11	11	11	11	4,816.47	11	4,461.49	11	4,100.44	11	3,739.38	11	3,378.33	11	3,017.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,809.33	1/4	4,453.97	1/4	4,092.92	1/4	3,731.86	1/4	3,370.81	1/4	3,009.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,802.19	1/2	4,446.45	1/2	4,085.40	1/2	3,724.34	1/2	3,363.29	1/2	3,002.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,795.05	3/4	4,438.93	3/4	4,077.87	3/4	3,716.81	3/4	3,355.76	3/4	2,994.70

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3074"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,626.13	0	2,265.07	0	1,904.01	0	1,542.96	0	1,181.90	0	820.85	0	459.79	0	104.61	0			
1/4	2,618.61	1/4	2,257.55	1/4	1,896.49	1/4	1,535.44	1/4	1,174.38	1/4	813.33	1/4	452.27	1/4	97.68	1/4			
1/2	2,611.09	1/2	2,250.03	1/2	1,888.97	1/2	1,527.92	1/2	1,166.86	1/2	805.81	1/2	444.75	1/2	90.75	1/2			
3/4	2,603.56	3/4	2,242.50	3/4	1,881.45	3/4	1,520.39	3/4	1,159.33	3/4	798.28	3/4	437.22	3/4	83.81	3/4			
1	2,596.04	1	2,234.98	1	1,873.93	1	1,512.87	1	1,151.81	1	790.76	1	429.70	1	76.88	1			
1/4	2,588.52	1/4	2,227.46	1/4	1,866.41	1/4	1,505.35	1/4	1,144.29	1/4	783.24	1/4	422.18	1/4	69.95	1/4			
1/2	2,581.00	1/2	2,219.94	1/2	1,858.89	1/2	1,497.83	1/2	1,136.77	1/2	775.72	1/2	414.66	1/2	63.14	1/2			
3/4	2,573.47	3/4	2,212.41	3/4	1,851.36	3/4	1,490.30	3/4	1,129.25	3/4	768.19	3/4	407.13	3/4	56.33	3/4			
2	2,565.95	2	2,204.89	2	1,843.84	2	1,482.78	2	1,121.73	2	760.67	2	399.61	2	49.52	2			
1/4	2,558.43	1/4	2,197.37	1/4	1,836.32	1/4	1,475.26	1/4	1,114.21	1/4	753.15	1/4	392.09	1/4	42.71	1/4			
1/2	2,550.91	1/2	2,189.85	1/2	1,828.80	1/2	1,467.74	1/2	1,106.69	1/2	745.63	1/2	384.57	1/2	37.43	1/2			
3/4	2,543.38	3/4	2,182.33	3/4	1,821.27	3/4	1,460.21	3/4	1,099.16	3/4	738.10	3/4	377.05	3/4	32.15	3/4			
3	2,535.86	3	2,174.81	3	1,813.75	3	1,452.69	3	1,091.64	3	730.58	3	369.53	3	26.87	3			
1/4	2,528.34	1/4	2,167.29	1/4	1,806.23	1/4	1,445.17	1/4	1,084.12	1/4	723.06	1/4	362.01	1/4	21.59	1/4			
1/2	2,520.82	1/2	2,159.77	1/2	1,798.71	1/2	1,437.65	1/2	1,076.60	1/2	715.54	1/2	354.49	1/2	18.06	1/2			
3/4	2,513.29	3/4	2,152.24	3/4	1,791.18	3/4	1,430.13	3/4	1,069.07	3/4	708.01	3/4	346.96	3/4		3/4			
4	2,505.77	4	2,144.72	4	1,783.66	4	1,422.61	4	1,061.55	4	700.49	4	339.44	4		4			
1/4	2,498.25	1/4	2,137.20	1/4	1,776.14	1/4	1,415.09	1/4	1,054.03	1/4	692.97	1/4	331.92	1/4		1/4			
1/2	2,490.73	1/2	2,129.68	1/2	1,768.62	1/2	1,407.57	1/2	1,046.51	1/2	685.45	1/2	324.40	1/2		1/2			
3/4	2,483.21	3/4	2,122.15	3/4	1,761.09	3/4	1,400.04	3/4	1,038.98	3/4	677.93	3/4	316.87	3/4		3/4			
5	2,475.69	5	2,114.63	5	1,753.57	5	1,392.52	5	1,031.46	5	670.41	5	309.35	5		5			
1/4	2,468.17	1/4	2,107.11	1/4	1,746.05	1/4	1,385.00	1/4	1,023.94	1/4	662.89	1/4	301.83	1/4		1/4			
1/2	2,460.65	1/2	2,099.59	1/2	1,738.53	1/2	1,377.48	1/2	1,016.42	1/2	655.37	1/2	294.31	1/2		1/2			
3/4	2,453.12	3/4	2,092.06	3/4	1,731.01	3/4	1,369.95	3/4	1,008.89	3/4	647.84	3/4	286.78	3/4		3/4			
6	2,445.60	6	2,084.54	6	1,723.49	6	1,362.43	6	1,001.37	6	640.32	6	279.26	6		6			
1/4	2,438.08	1/4	2,077.02	1/4	1,715.97	1/4	1,354.91	1/4	993.85	1/4	632.80	1/4	271.74	1/4		1/4			
1/2	2,430.56	1/2	2,069.50	1/2	1,708.45	1/2	1,347.39	1/2	986.33	1/2	625.28	1/2	264.22	1/2		1/2			
3/4	2,423.03	3/4	2,061.97	3/4	1,700.92	3/4	1,339.86	3/4	978.81	3/4	617.75	3/4	256.69	3/4		3/4			
7	2,415.51	7	2,054.45	7	1,693.40	7	1,332.34	7	971.29	7	610.23	7	249.17	7		7			
1/4	2,407.99	1/4	2,046.93	1/4	1,685.88	1/4	1,324.82	1/4	963.77	1/4	602.71	1/4	241.65	1/4		1/4			
1/2	2,400.47	1/2	2,039.41	1/2	1,678.36	1/2	1,317.30	1/2	956.25	1/2	595.19	1/2	234.13	1/2		1/2			
3/4	2,392.94	3/4	2,031.89	3/4	1,670.83	3/4	1,309.77	3/4	948.72	3/4	587.66	3/4	226.61	3/4		3/4			
8	2,385.42	8	2,024.37	8	1,663.31	8	1,302.25	8	941.20	8	580.14	8	219.09	8		8			
1/4	2,377.90	1/4	2,016.85	1/4	1,655.79	1/4	1,294.73	1/4	933.68	1/4	572.62	1/4	211.57	1/4		1/4			
1/2	2,370.38	1/2	2,009.33	1/2	1,648.27	1/2	1,287.21	1/2	926.16	1/2	565.10	1/2	204.05	1/2		1/2			
3/4	2,362.85	3/4	2,001.80	3/4	1,640.74	3/4	1,279.69	3/4	918.63	3/4	557.57	3/4	196.52	3/4		3/4			
9	2,355.33	9	1,994.28	9	1,633.22	9	1,272.17	9	911.11	9	550.05	9	189.00	9		9			
1/4	2,347.81	1/4	1,986.76	1/4	1,625.70	1/4	1,264.65	1/4	903.59	1/4	542.53	1/4	181.48	1/4		1/4			
1/2	2,340.29	1/2	1,979.24	1/2	1,618.18	1/2	1,257.13	1/2	896.07	1/2	535.01	1/2	174.40	1/2		1/2			
3/4	2,332.77	3/4	1,971.71	3/4	1,610.65	3/4	1,249.60	3/4	888.54	3/4	527.49	3/4	167.31	3/4		3/4			
10	2,325.25	10	1,964.19	10	1,603.13	10	1,242.08	10	881.02	10	519.97	10	160.23	10		10			
1/4	2,317.73	1/4	1,956.67	1/4	1,595.61	1/4	1,234.56	1/4	873.50	1/4	512.45	1/4	153.15	1/4		1/4			
1/2	2,310.21	1/2	1,949.15	1/2	1,588.09	1/2	1,227.04	1/2	865.98	1/2	504.93	1/2	146.22	1/2		1/2			
3/4	2,302.68	3/4	1,941.62	3/4	1,580.57	3/4	1,219.51	3/4	858.45	3/4	497.40	3/4	139.28	3/4		3/4			
11	2,295.16	11	1,934.10	11	1,573.05	11	1,211.99	11	850.93	11	489.88	11	132.35	11		11			
1/4	2,287.64	1/4	1,926.58	1/4	1,565.53	1/4	1,204.47	1/4	843.41	1/4	482.36	1/4	125.42	1/4		1/4			
1/2	2,280.12	1/2	1,919.06	1/2	1,558.01	1/2	1,196.95	1/2	835.89	1/2	474.84	1/2	118.48	1/2		1/2			
3/4	2,272.59	3/4	1,911.53	3/4	1,550.48	3/4	1,189.42	3/4	828.37	3/4	467.31	3/4	111.55	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/17/2019 CL
RECALCULATED: 06/25/2019 CL
REPRINTED: 06/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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



BARGE "HTCO 3074"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	3,875.82	0	3,768.01	0	3,660.20	0	3,552.40	0	3,332.35	0	2,974.80
1/4		1/4		1/4		1/4		1/4	3,873.58	1/4	3,765.77	1/4	3,657.96	1/4	3,550.15	1/4	3,324.90	1/4	2,967.35
1/2		1/2		1/2		1/2		1/2	3,871.33	1/2	3,763.52	1/2	3,655.71	1/2	3,547.90	1/2	3,317.45	1/2	2,959.90
3/4		3/4		3/4		3/4		3/4	3,869.08	3/4	3,761.27	3/4	3,653.47	3/4	3,545.66	3/4	3,310.00	3/4	2,952.45
1		1		1		1		1	3,866.84	1	3,759.03	1	3,651.22	1	3,543.41	1	3,302.55	1	2,945.00
1/4		1/4		1/4		1/4		1/4	3,967.98	1/4	3,864.59	1/4	3,756.78	1/4	3,648.98	1/4	3,541.17	1/4	3,295.10
1/2		1/2		1/2		1/2		1/2	3,966.65	1/2	3,862.34	1/2	3,754.53	1/2	3,646.73	1/2	3,538.92	1/2	3,287.65
3/4		3/4		3/4		3/4		3/4	3,964.99	3/4	3,860.10	3/4	3,752.29	3/4	3,644.48	3/4	3,536.67	3/4	3,280.20
2		2		2		2		2	3,963.32	2	3,857.85	2	3,750.04	2	3,642.24	2	3,534.43	2	3,272.76
1/4		1/4		1/4		1/4		1/4	3,961.66	1/4	3,855.61	1/4	3,747.80	1/4	3,639.99	1/4	3,532.18	1/4	3,265.31
1/2		1/2		1/2		1/2		1/2	3,959.99	1/2	3,853.36	1/2	3,745.55	1/2	3,637.74	1/2	3,529.93	1/2	3,257.86
3/4		3/4		3/4		3/4		3/4	3,958.00	3/4	3,851.11	3/4	3,743.31	3/4	3,635.50	3/4	3,527.61	3/4	3,250.41
3		3		3		3		3	3,956.00	3	3,848.87	3	3,741.06	3	3,633.25	3	3,525.30	3	3,242.96
1/4		1/4		1/4		1/4		1/4	3,954.01	1/4	3,846.62	1/4	3,738.82	1/4	3,631.01	1/4	3,522.98	1/4	3,235.51
1/2		1/2		1/2		1/2		1/2	3,952.01	1/2	3,844.37	1/2	3,736.57	1/2	3,628.76	1/2	3,520.66	1/2	3,228.06
3/4		3/4		3/4		3/4		3/4	3,949.81	3/4	3,842.13	3/4	3,734.32	3/4	3,626.51	3/4	3,517.79	3/4	3,220.61
4		4		4		4		4	3,947.61	4	3,839.88	4	3,732.08	4	3,624.27	4	3,514.91	4	3,213.17
1/4		1/4		1/4		1/4		1/4	3,945.40	1/4	3,837.64	1/4	3,729.83	1/4	3,622.02	1/4	3,512.04	1/4	3,205.72
1/2		1/2		1/2		1/2		1/2	3,943.20	1/2	3,835.39	1/2	3,727.58	1/2	3,619.77	1/2	3,509.16	1/2	3,198.27
3/4		3/4		3/4		3/4		3/4	3,940.95	3/4	3,833.15	3/4	3,725.34	3/4	3,617.53	3/4	3,505.56	3/4	3,190.82
5		5		5		5		5	3,938.71	5	3,830.90	5	3,723.09	5	3,615.28	5	3,501.96	5	3,183.37
1/4		1/4		1/4		1/4		1/4	3,936.46	1/4	3,828.66	1/4	3,720.85	1/4	3,613.04	1/4	3,498.35	1/4	3,175.92
1/2		1/2		1/2		1/2		1/2	3,934.21	1/2	3,826.41	1/2	3,718.60	1/2	3,610.79	1/2	3,494.75	1/2	3,168.47
3/4		3/4		3/4		3/4		3/4	3,931.97	3/4	3,824.16	3/4	3,716.35	3/4	3,608.55	3/4	3,490.37	3/4	3,161.02
6		6		6		6		6	3,929.72	6	3,821.92	6	3,714.11	6	3,606.30	6	3,486.00	6	3,153.57
1/4		1/4		1/4		1/4		1/4	3,927.48	1/4	3,819.67	1/4	3,711.86	1/4	3,604.06	1/4	3,481.62	1/4	3,146.12
1/2		1/2		1/2		1/2		1/2	3,925.23	1/2	3,817.42	1/2	3,709.61	1/2	3,601.81	1/2	3,477.24	1/2	3,138.67
3/4		3/4		3/4		3/4		3/4	3,922.99	3/4	3,815.18	3/4	3,707.37	3/4	3,599.56	3/4	3,472.09	3/4	3,131.22
7		7		7		7		7	3,920.74	7	3,812.93	7	3,705.12	7	3,597.32	7	3,466.94	7	3,123.78
1/4		1/4		1/4		1/4		1/4	3,918.50	1/4	3,810.69	1/4	3,702.88	1/4	3,595.07	1/4	3,461.79	1/4	3,116.33
1/2		1/2		1/2		1/2		1/2	3,916.25	1/2	3,808.44	1/2	3,700.63	1/2	3,592.82	1/2	3,456.64	1/2	3,108.88
3/4		3/4		3/4		3/4		3/4	3,914.00	3/4	3,806.19	3/4	3,698.39	3/4	3,590.58	3/4	3,450.71	3/4	3,101.43
8		8		8		8		8	3,911.76	8	3,803.95	8	3,696.14	8	3,588.33	8	3,444.79	8	3,093.98
1/4		1/4		1/4		1/4		1/4	3,909.51	1/4	3,801.70	1/4	3,693.90	1/4	3,586.09	1/4	3,438.86	1/4	3,086.53
1/2		1/2		1/2		1/2		1/2	3,907.26	1/2	3,799.45	1/2	3,691.65	1/2	3,583.84	1/2	3,432.93	1/2	3,079.08
3/4		3/4		3/4		3/4		3/4	3,905.02	3/4	3,797.21	3/4	3,689.40	3/4	3,581.59	3/4	3,426.23	3/4	3,071.63
9		9		9		9		9	3,902.77	9	3,794.96	9	3,687.16	9	3,579.35	9	3,419.53	9	3,064.19
1/4		1/4		1/4		1/4		1/4	3,900.53	1/4	3,792.72	1/4	3,684.91	1/4	3,577.10	1/4	3,412.82	1/4	3,056.74
1/2		1/2		1/2		1/2		1/2	3,898.28	1/2	3,790.47	1/2	3,682.66	1/2	3,574.85	1/2	3,406.12	1/2	3,049.29
3/4		3/4		3/4		3/4		3/4	3,896.03	3/4	3,788.23	3/4	3,680.42	3/4	3,572.61	3/4	3,398.85	3/4	3,041.84
10		10		10		10		10	3,893.79	10	3,785.98	10	3,678.17	10	3,570.36	10	3,391.58	10	3,034.39
1/4		1/4		1/4		1/4		1/4	3,891.54	1/4	3,783.74	1/4	3,675.93	1/4	3,568.12	1/4	3,384.31	1/4	3,026.94
1/2		1/2		1/2		1/2		1/2	3,889.29	1/2	3,781.49	1/2	3,673.68	1/2	3,565.87	1/2	3,377.04	1/2	3,019.49
3/4		3/4		3/4		3/4		3/4	3,887.05	3/4	3,779.24	3/4	3,671.43	3/4	3,563.63	3/4	3,369.59	3/4	3,012.04
11		11		11		11		11	3,884.80	11	3,777.00	11	3,669.19	11	3,561.38	11	3,362.15	11	3,004.59
1/4		1/4		1/4		1/4		1/4	3,882.56	1/4	3,774.75	1/4	3,666.94	1/4	3,559.14	1/4	3,354.70	1/4	2,997.14
1/2		1/2		1/2		1/2		1/2	3,880.31	1/2	3,772.50	1/2	3,664.69	1/2	3,556.89	1/2	3,347.25	1/2	2,989.69
3/4		3/4		3/4		3/4		3/4	3,878.07	3/4	3,770.26	3/4	3,662.45	3/4	3,554.64	3/4	3,339.80	3/4	2,982.24

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 60'-06" FORWARD OF AFT BULKHEAD

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



BARGE "HTCO 3074"

3 PORT 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	2,617.25	0	2,259.69	0	1,902.14	0	1,544.59	0	1,187.04	0	829.48	0	471.93	0	116.30	0		0	
1/4	2,609.80	1/4	2,252.24	1/4	1,894.69	1/4	1,537.14	1/4	1,179.59	1/4	822.03	1/4	464.48	1/4	109.06	1/4		1/4	
1/2	2,602.35	1/2	2,244.79	1/2	1,887.24	1/2	1,529.69	1/2	1,172.14	1/2	814.58	1/2	457.03	1/2	101.82	1/2		1/2	
3/4	2,594.90	3/4	2,237.34	3/4	1,879.79	3/4	1,522.24	3/4	1,164.69	3/4	807.13	3/4	449.58	3/4	94.59	3/4		3/4	
1	2,587.45	1	2,229.90	1	1,872.35	1	1,514.79	1	1,157.24	1	799.69	1	442.14	1	87.35	1		1	
1/4	2,580.00	1/4	2,222.45	1/4	1,864.90	1/4	1,507.34	1/4	1,149.79	1/4	792.24	1/4	434.69	1/4	80.12	1/4		1/4	
1/2	2,572.55	1/2	2,215.00	1/2	1,857.45	1/2	1,499.89	1/2	1,142.34	1/2	784.79	1/2	427.24	1/2	72.88	1/2		1/2	
3/4	2,565.10	3/4	2,207.55	3/4	1,850.00	3/4	1,492.44	3/4	1,134.89	3/4	777.34	3/4	419.79	3/4	65.78	3/4		3/4	
2	2,557.65	2	2,200.10	2	1,842.55	2	1,485.00	2	1,127.45	2	769.89	2	412.34	2	58.68	2		2	
1/4	2,550.20	1/4	2,192.65	1/4	1,835.10	1/4	1,477.55	1/4	1,120.00	1/4	762.44	1/4	404.89	1/4	51.57	1/4		1/4	
1/2	2,542.75	1/2	2,185.20	1/2	1,827.65	1/2	1,470.10	1/2	1,112.55	1/2	754.99	1/2	397.44	1/2	44.47	1/2		1/2	
3/4	2,535.30	3/4	2,177.75	3/4	1,820.20	3/4	1,462.65	3/4	1,105.10	3/4	747.54	3/4	389.99	3/4	38.97	3/4		3/4	
3	2,527.86	3	2,170.31	3	1,812.75	3	1,455.20	3	1,097.65	3	740.10	3	382.55	3	33.47	3		3	
1/4	2,520.41	1/4	2,162.86	1/4	1,805.30	1/4	1,447.75	1/4	1,090.20	1/4	732.65	1/4	375.10	1/4	27.97	1/4		1/4	
1/2	2,512.96	1/2	2,155.41	1/2	1,797.85	1/2	1,440.30	1/2	1,082.75	1/2	725.20	1/2	367.65	1/2	22.47	1/2		1/2	
3/4	2,505.51	3/4	2,147.96	3/4	1,790.40	3/4	1,432.85	3/4	1,075.30	3/4	717.75	3/4	360.20	3/4	18.79	3/4		3/4	
4	2,498.06	4	2,140.51	4	1,782.96	4	1,425.41	4	1,067.85	4	710.30	4	352.75	4		4		4	
1/4	2,490.61	1/4	2,133.06	1/4	1,775.51	1/4	1,417.96	1/4	1,060.40	1/4	702.85	1/4	345.30	1/4		1/4		1/4	
1/2	2,483.16	1/2	2,125.61	1/2	1,768.06	1/2	1,410.51	1/2	1,052.95	1/2	695.40	1/2	337.85	1/2		1/2		1/2	
3/4	2,475.71	3/4	2,118.16	3/4	1,760.61	3/4	1,403.06	3/4	1,045.50	3/4	687.95	3/4	330.40	3/4		3/4		3/4	
5	2,468.27	5	2,110.71	5	1,753.16	5	1,395.61	5	1,038.06	5	680.51	5	322.95	5		5		5	
1/4	2,460.82	1/4	2,103.26	1/4	1,745.71	1/4	1,388.16	1/4	1,030.61	1/4	673.06	1/4	315.50	1/4		1/4		1/4	
1/2	2,453.37	1/2	2,095.81	1/2	1,738.26	1/2	1,380.71	1/2	1,023.16	1/2	665.61	1/2	308.05	1/2		1/2		1/2	
3/4	2,445.92	3/4	2,088.36	3/4	1,730.81	3/4	1,373.26	3/4	1,015.71	3/4	658.16	3/4	300.60	3/4		3/4		3/4	
6	2,438.47	6	2,080.92	6	1,723.37	6	1,365.81	6	1,008.26	6	650.71	6	293.16	6		6		6	
1/4	2,431.02	1/4	2,073.47	1/4	1,715.92	1/4	1,358.36	1/4	1,000.81	1/4	643.26	1/4	285.71	1/4		1/4		1/4	
1/2	2,423.57	1/2	2,066.02	1/2	1,708.47	1/2	1,350.91	1/2	993.36	1/2	635.81	1/2	278.26	1/2		1/2		1/2	
3/4	2,416.12	3/4	2,058.57	3/4	1,701.02	3/4	1,343.46	3/4	985.91	3/4	628.36	3/4	270.81	3/4		3/4		3/4	
7	2,408.67	7	2,051.12	7	1,693.57	7	1,336.02	7	978.46	7	620.91	7	263.36	7		7		7	
1/4	2,401.22	1/4	2,043.67	1/4	1,686.12	1/4	1,328.57	1/4	971.01	1/4	613.46	1/4	255.91	1/4		1/4		1/4	
1/2	2,393.77	1/2	2,036.22	1/2	1,678.67	1/2	1,321.12	1/2	963.56	1/2	606.01	1/2	248.46	1/2		1/2		1/2	
3/4	2,386.32	3/4	2,028.77	3/4	1,671.22	3/4	1,313.67	3/4	956.11	3/4	598.56	3/4	241.01	3/4		3/4		3/4	
8	2,378.88	8	2,021.33	8	1,663.77	8	1,306.22	8	948.67	8	591.12	8	233.57	8		8		8	
1/4	2,371.43	1/4	2,013.88	1/4	1,656.32	1/4	1,298.77	1/4	941.22	1/4	583.67	1/4	226.12	1/4		1/4		1/4	
1/2	2,363.98	1/2	2,006.43	1/2	1,648.87	1/2	1,291.32	1/2	933.77	1/2	576.22	1/2	218.67	1/2		1/2		1/2	
3/4	2,356.53	3/4	1,998.98	3/4	1,641.42	3/4	1,283.87	3/4	926.32	3/4	568.77	3/4	211.22	3/4		3/4		3/4	
9	2,349.08	9	1,991.53	9	1,633.98	9	1,276.43	9	918.87	9	561.32	9	203.77	9		9		9	
1/4	2,341.63	1/4	1,984.08	1/4	1,626.53	1/4	1,268.98	1/4	911.42	1/4	553.87	1/4	196.32	1/4		1/4		1/4	
1/2	2,334.18	1/2	1,976.63	1/2	1,619.08	1/2	1,261.53	1/2	903.97	1/2	546.42	1/2	188.87	1/2		1/2		1/2	
3/4	2,326.73	3/4	1,969.18	3/4	1,611.63	3/4	1,254.08	3/4	896.52	3/4	538.97	3/4	181.58	3/4		3/4		3/4	
10	2,319.29	10	1,961.73	10	1,604.18	10	1,246.63	10	889.08	10	531.53	10	174.29	10		10		10	
1/4	2,311.84	1/4	1,954.28	1/4	1,596.73	1/4	1,239.18	1/4	881.63	1/4	524.08	1/4	167.00	1/4		1/4		1/4	
1/2	2,304.39	1/2	1,946.83	1/2	1,589.28	1/2	1,231.73	1/2	874.18	1/2	516.63	1/2	159.71	1/2		1/2		1/2	
3/4	2,296.94	3/4	1,939.38	3/4	1,581.83	3/4	1,224.28	3/4	866.73	3/4	509.18	3/4	152.48	3/4		3/4		3/4	
11	2,289.49	11	1,931.94	11	1,574.39	11	1,216.83	11	859.28	11	501.73	11	145.24	11		11		11	
1/4	2,282.04	1/4	1,924.49	1/4	1,566.94	1/4	1,209.38	1/4	851.83	1/4	494.28	1/4	138.01	1/4		1/4		1/4	
1/2	2,274.59	1/2	1,917.04	1/2	1,559.49	1/2	1,201.93	1/2	844.38	1/2	486.83	1/2	130.77	1/2		1/2		1/2	
3/4	2,267.14	3/4	1,909.59	3/4	1,552.04	3/4	1,194.48	3/4	836.93	3/4	479.38	3/4	123.53	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/17/2019 CL
RECALCULATED: 06/25/2019 CL
REPRINTED: 06/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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



BARGE "HTCO 3074"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-04"

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	3,878.07	0	3,770.26	0	3,662.45	0	3,554.64	0	3,339.80	0	2,982.24
1/4		1/4		1/4		1/4		1/4	3,875.82	1/4	3,768.01	1/4	3,660.20	1/4	3,552.40	1/4	3,332.35	1/4	2,974.80
1/2		1/2		1/2		1/2		1/2	3,873.58	1/2	3,765.77	1/2	3,657.96	1/2	3,550.15	1/2	3,324.90	1/2	2,967.35
3/4		3/4		3/4		3/4		3/4	3,871.33	3/4	3,763.52	3/4	3,655.71	3/4	3,547.90	3/4	3,317.45	3/4	2,959.90
1		1		1		1		1	3,869.08	1	3,761.27	1	3,653.47	1	3,545.66	1	3,310.00	1	2,952.45
1/4		1/4		1/4		1/4		1/4	3,866.84	1/4	3,759.03	1/4	3,651.22	1/4	3,543.41	1/4	3,302.55	1/4	2,945.00
1/2		1/2		1/2		1/2		1/2	3,967.98	1/2	3,864.59	1/2	3,756.78	1/2	3,648.98	1/2	3,541.17	1/2	3,295.10
3/4		3/4		3/4		3/4		3/4	3,966.65	3/4	3,862.34	3/4	3,754.53	3/4	3,646.73	3/4	3,538.92	3/4	3,287.65
2		2		2		2		2	3,964.99	2	3,860.10	2	3,752.29	2	3,644.48	2	3,536.67	2	3,282.65
1/4		1/4		1/4		1/4		1/4	3,963.32	1/4	3,857.85	1/4	3,750.04	1/4	3,642.24	1/4	3,534.43	1/4	3,277.76
1/2		1/2		1/2		1/2		1/2	3,961.66	1/2	3,855.61	1/2	3,747.80	1/2	3,639.99	1/2	3,532.18	1/2	3,265.31
3/4		3/4		3/4		3/4		3/4	3,959.99	3/4	3,853.36	3/4	3,745.55	3/4	3,637.74	3/4	3,529.93	3/4	3,257.86
3		3		3		3		3	3,958.00	3	3,851.11	3	3,743.31	3	3,635.50	3	3,527.61	3	3,250.41
1/4		1/4		1/4		1/4		1/4	3,956.00	1/4	3,848.87	1/4	3,741.06	1/4	3,633.25	1/4	3,525.30	1/4	3,242.96
1/2		1/2		1/2		1/2		1/2	3,954.01	1/2	3,846.62	1/2	3,738.82	1/2	3,631.01	1/2	3,522.98	1/2	3,235.51
3/4		3/4		3/4		3/4		3/4	3,952.01	3/4	3,844.37	3/4	3,736.57	3/4	3,628.76	3/4	3,520.66	3/4	3,228.06
4		4		4		4		4	3,949.81	4	3,842.13	4	3,734.32	4	3,626.51	4	3,517.79	4	3,220.61
1/4		1/4		1/4		1/4		1/4	3,947.61	1/4	3,839.88	1/4	3,732.08	1/4	3,624.27	1/4	3,514.91	1/4	3,213.17
1/2		1/2		1/2		1/2		1/2	3,945.40	1/2	3,837.64	1/2	3,729.83	1/2	3,622.02	1/2	3,512.04	1/2	3,205.72
3/4		3/4		3/4		3/4		3/4	3,943.20	3/4	3,835.39	3/4	3,727.58	3/4	3,619.77	3/4	3,509.16	3/4	3,198.27
5		5		5		5		5	3,940.95	5	3,833.15	5	3,725.34	5	3,617.53	5	3,505.56	5	3,190.82
1/4		1/4		1/4		1/4		1/4	3,938.71	1/4	3,830.90	1/4	3,723.09	1/4	3,615.28	1/4	3,501.96	1/4	3,183.37
1/2		1/2		1/2		1/2		1/2	3,936.46	1/2	3,828.66	1/2	3,720.85	1/2	3,613.04	1/2	3,498.35	1/2	3,175.92
3/4		3/4		3/4		3/4		3/4	3,934.21	3/4	3,826.41	3/4	3,718.60	3/4	3,610.79	3/4	3,494.75	3/4	3,168.47
6		6		6		6		6	3,931.97	6	3,824.16	6	3,716.35	6	3,608.55	6	3,490.37	6	3,161.02
1/4		1/4		1/4		1/4		1/4	3,929.72	1/4	3,821.92	1/4	3,714.11	1/4	3,606.30	1/4	3,486.00	1/4	3,153.57
1/2		1/2		1/2		1/2		1/2	3,927.48	1/2	3,819.67	1/2	3,711.86	1/2	3,604.06	1/2	3,481.62	1/2	3,146.12
3/4		3/4		3/4		3/4		3/4	3,925.23	3/4	3,817.42	3/4	3,709.61	3/4	3,601.81	3/4	3,477.24	3/4	3,138.67
7		7		7		7		7	3,922.99	7	3,815.18	7	3,707.37	7	3,599.56	7	3,472.09	7	3,131.22
1/4		1/4		1/4		1/4		1/4	3,920.74	1/4	3,812.93	1/4	3,705.12	1/4	3,597.32	1/4	3,466.94	1/4	3,123.78
1/2		1/2		1/2		1/2		1/2	3,918.50	1/2	3,810.69	1/2	3,702.88	1/2	3,595.07	1/2	3,461.79	1/2	3,116.33
3/4		3/4		3/4		3/4		3/4	3,916.25	3/4	3,808.44	3/4	3,700.63	3/4	3,592.82	3/4	3,456.64	3/4	3,108.88
8		8		8		8		8	3,914.00	8	3,806.19	8	3,698.39	8	3,590.58	8	3,450.71	8	3,101.43
1/4		1/4		1/4		1/4		1/4	3,911.76	1/4	3,803.95	1/4	3,696.14	1/4	3,588.33	1/4	3,444.79	1/4	3,093.98
1/2		1/2		1/2		1/2		1/2	3,909.51	1/2	3,801.70	1/2	3,693.90	1/2	3,586.09	1/2	3,438.86	1/2	3,086.53
3/4		3/4		3/4		3/4		3/4	3,907.26	3/4	3,799.45	3/4	3,691.65	3/4	3,583.84	3/4	3,432.93	3/4	3,079.08
9		9		9		9		9	3,905.02	9	3,797.21	9	3,689.40	9	3,581.59	9	3,426.23	9	3,071.63
1/4		1/4		1/4		1/4		1/4	3,902.77	1/4	3,794.96	1/4	3,687.16	1/4	3,579.35	1/4	3,419.53	1/4	3,064.19
1/2		1/2		1/2		1/2		1/2	3,900.53	1/2	3,792.72	1/2	3,684.91	1/2	3,577.10	1/2	3,412.82	1/2	3,056.74
3/4		3/4		3/4		3/4		3/4	3,898.28	3/4	3,790.47	3/4	3,682.66	3/4	3,574.85	3/4	3,406.12	3/4	3,049.29
10		10		10		10		10	3,896.03	10	3,788.23	10	3,680.42	10	3,572.61	10	3,398.85	10	3,041.84
1/4		1/4		1/4		1/4		1/4	3,893.79	1/4	3,785.98	1/4	3,678.17	1/4	3,570.36	1/4	3,391.58	1/4	3,034.39
1/2		1/2		1/2		1/2		1/2	3,891.54	1/2	3,783.74	1/2	3,675.93	1/2	3,568.12	1/2	3,384.31	1/2	3,026.94
3/4		3/4		3/4		3/4		3/4	3,889.29	3/4	3,781.49	3/4	3,673.68	3/4	3,565.87	3/4	3,377.04	3/4	3,019.49
11		11		11		11		11	3,887.05	11	3,779.24	11	3,671.43	11	3,563.63	11	3,369.59	11	3,012.04
1/4		1/4		1/4		1/4		1/4	3,884.80	1/4	3,777.00	1/4	3,669.19	1/4	3,561.38	1/4	3,362.15	1/4	3,004.59
1/2		1/2		1/2		1/2		1/2	3,882.56	1/2	3,774.75	1/2	3,666.94	1/2	3,559.14	1/2	3,354.70	1/2	2,997.14
3/4		3/4		3/4		3/4		3/4	3,880.31	3/4	3,772.50	3/4	3,664.69	3/4	3,556.89	3/4	3,347.25	3/4	2,989.69

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 60'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3074"

3 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-04"

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	2,624.69	0	2,267.14	0	1,909.59	0	1,552.04	0	1,194.48	0	836.93	0	479.38	0	123.53	0			
1/4	2,617.25	1/4	2,259.69	1/4	1,902.14	1/4	1,544.59	1/4	1,187.04	1/4	829.48	1/4	471.93	1/4	116.30	1/4			
1/2	2,609.80	1/2	2,252.24	1/2	1,894.69	1/2	1,537.14	1/2	1,179.59	1/2	822.03	1/2	464.48	1/2	109.06	1/2			
3/4	2,602.35	3/4	2,244.79	3/4	1,887.24	3/4	1,529.69	3/4	1,172.14	3/4	814.58	3/4	457.03	3/4	101.82	3/4			
1	2,594.90	1	2,237.34	1	1,879.79	1	1,522.24	1	1,164.69	1	807.13	1	449.58	1	94.59	1			
1/4	2,587.45	1/4	2,229.90	1/4	1,872.35	1/4	1,514.79	1/4	1,157.24	1/4	799.69	1/4	442.14	1/4	87.35	1/4			
1/2	2,580.00	1/2	2,222.45	1/2	1,864.90	1/2	1,507.34	1/2	1,149.79	1/2	792.24	1/2	434.69	1/2	80.12	1/2			
3/4	2,572.55	3/4	2,215.00	3/4	1,857.45	3/4	1,499.89	3/4	1,142.34	3/4	784.79	3/4	427.24	3/4	72.88	3/4			
2	2,565.10	2	2,207.55	2	1,850.00	2	1,492.44	2	1,134.89	2	777.34	2	419.79	2	65.78	2			
1/4	2,557.65	1/4	2,200.10	1/4	1,842.55	1/4	1,485.00	1/4	1,127.45	1/4	769.89	1/4	412.34	1/4	58.68	1/4			
1/2	2,550.20	1/2	2,192.65	1/2	1,835.10	1/2	1,477.55	1/2	1,120.00	1/2	762.44	1/2	404.89	1/2	51.57	1/2			
3/4	2,542.75	3/4	2,185.20	3/4	1,827.65	3/4	1,470.10	3/4	1,112.55	3/4	754.99	3/4	397.44	3/4	44.47	3/4			
3	2,535.30	3	2,177.75	3	1,820.20	3	1,462.65	3	1,105.10	3	747.54	3	389.99	3	38.97	3			
1/4	2,527.86	1/4	2,170.31	1/4	1,812.75	1/4	1,455.20	1/4	1,097.65	1/4	740.10	1/4	382.55	1/4	33.47	1/4			
1/2	2,520.41	1/2	2,162.86	1/2	1,805.30	1/2	1,447.75	1/2	1,090.20	1/2	732.65	1/2	375.10	1/2	27.97	1/2			
3/4	2,512.96	3/4	2,155.41	3/4	1,797.85	3/4	1,440.30	3/4	1,082.75	3/4	725.20	3/4	367.65	3/4	22.47	3/4			
4	2,505.51	4	2,147.96	4	1,790.40	4	1,432.85	4	1,075.30	4	717.75	4	360.20	4	18.79	4			
1/4	2,498.06	1/4	2,140.51	1/4	1,782.96	1/4	1,425.41	1/4	1,067.85	1/4	710.30	1/4	352.75	1/4		1/4			
1/2	2,490.61	1/2	2,133.06	1/2	1,775.51	1/2	1,417.96	1/2	1,060.40	1/2	702.85	1/2	345.30	1/2		1/2			
3/4	2,483.16	3/4	2,125.61	3/4	1,768.06	3/4	1,410.51	3/4	1,052.95	3/4	695.40	3/4	337.85	3/4		3/4			
5	2,475.71	5	2,118.16	5	1,760.61	5	1,403.06	5	1,045.50	5	687.95	5	330.40	5	5	5			
1/4	2,468.27	1/4	2,110.71	1/4	1,753.16	1/4	1,395.61	1/4	1,038.06	1/4	680.51	1/4	322.95	1/4		1/4			
1/2	2,460.82	1/2	2,103.26	1/2	1,745.71	1/2	1,388.16	1/2	1,030.61	1/2	673.06	1/2	315.50	1/2		1/2			
3/4	2,453.37	3/4	2,095.81	3/4	1,738.26	3/4	1,380.71	3/4	1,023.16	3/4	665.61	3/4	308.05	3/4		3/4			
6	2,445.92	6	2,088.36	6	1,730.81	6	1,373.26	6	1,015.71	6	658.16	6	300.60	6	6	6			
1/4	2,438.47	1/4	2,080.92	1/4	1,723.37	1/4	1,365.81	1/4	1,008.26	1/4	650.71	1/4	293.16	1/4		1/4			
1/2	2,431.02	1/2	2,073.47	1/2	1,715.92	1/2	1,358.36	1/2	1,000.81	1/2	643.26	1/2	285.71	1/2		1/2			
3/4	2,423.57	3/4	2,066.02	3/4	1,708.47	3/4	1,350.91	3/4	993.36	3/4	635.81	3/4	278.26	3/4		3/4			
7	2,416.12	7	2,058.57	7	1,701.02	7	1,343.46	7	985.91	7	628.36	7	270.81	7	7	7			
1/4	2,408.67	1/4	2,051.12	1/4	1,693.57	1/4	1,336.02	1/4	978.46	1/4	620.91	1/4	263.36	1/4		1/4			
1/2	2,401.22	1/2	2,043.67	1/2	1,686.12	1/2	1,328.57	1/2	971.01	1/2	613.46	1/2	255.91	1/2		1/2			
3/4	2,393.77	3/4	2,036.22	3/4	1,678.67	3/4	1,321.12	3/4	963.56	3/4	606.01	3/4	248.46	3/4		3/4			
8	2,386.32	8	2,028.77	8	1,671.22	8	1,313.67	8	956.11	8	598.56	8	241.01	8	8	8			
1/4	2,378.88	1/4	2,021.33	1/4	1,663.77	1/4	1,306.22	1/4	948.67	1/4	591.12	1/4	233.57	1/4		1/4			
1/2	2,371.43	1/2	2,013.88	1/2	1,656.32	1/2	1,298.77	1/2	941.22	1/2	583.67	1/2	226.12	1/2		1/2			
3/4	2,363.98	3/4	2,006.43	3/4	1,648.87	3/4	1,291.32	3/4	933.77	3/4	576.22	3/4	218.67	3/4		3/4			
9	2,356.53	9	1,998.98	9	1,641.42	9	1,283.87	9	926.32	9	568.77	9	211.22	9	9	9			
1/4	2,349.08	1/4	1,991.53	1/4	1,633.98	1/4	1,276.43	1/4	918.87	1/4	561.32	1/4	203.77	1/4		1/4			
1/2	2,341.63	1/2	1,984.08	1/2	1,626.53	1/2	1,268.98	1/2	911.42	1/2	553.87	1/2	196.32	1/2		1/2			
3/4	2,334.18	3/4	1,976.63	3/4	1,619.08	3/4	1,261.53	3/4	903.97	3/4	546.42	3/4	188.87	3/4		3/4			
10	2,326.73	10	1,969.18	10	1,611.63	10	1,254.08	10	896.52	10	538.97	10	181.58	10	10	10			
1/4	2,319.29	1/4	1,961.73	1/4	1,604.18	1/4	1,246.63	1/4	889.08	1/4	531.53	1/4	174.29	1/4		1/4			
1/2	2,311.84	1/2	1,954.28	1/2	1,596.73	1/2	1,239.18	1/2	881.63	1/2	524.08	1/2	167.00	1/2		1/2			
3/4	2,304.39	3/4	1,946.83	3/4	1,589.28	3/4	1,231.73	3/4	874.18	3/4	516.63	3/4	159.71	3/4		3/4			
11	2,296.94	11	1,939.38	11	1,581.83	11	1,224.28	11	866.73	11	509.18	11	152.48	11	11	11			
1/4	2,289.49	1/4	1,931.94	1/4	1,574.39	1/4	1,216.83	1/4	859.28	1/4	501.73	1/4	145.24	1/4		1/4			
1/2	2,282.04	1/2	1,924.49	1/2	1,566.94	1/2	1,209.38	1/2	851.83	1/2	494.28	1/2	138.01	1/2		1/2			
3/4	2,274.59	3/4	1,917.04	3/4	1,559.49	3/4	1,201.93	3/4	844.38	3/4	486.83	3/4	130.77	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/17/2019 CL
RECALCULATED: 06/25/2019 CL
REPRINTED: 06/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
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