



BARGE "HTCO 3064"

ULLAGE TRIM TABLE 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	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
4 PORT	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-7/8	- 01-7/8	02-1/2	- 02-1/2	03-1/4	- 03-1/4	03-7/8	- 03-7/8
4 STBD	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-7/8	- 01-7/8	02-1/2	- 02-1/2	03-1/4	- 03-1/4	03-7/8	- 03-7/8

(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 - 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/2"

August 8, 2018

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

<http://www.pmacorp.net>



BARGE "HTCO 3064"

1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-07 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	3,197.07	0	2,954.30	0	2,699.62	0	2,444.93	0	2,190.24	0	1,935.55	0	1,680.86
1/4		1/4		1/4		1/4	3,194.07	1/4	2,949.00	1/4	2,694.31	1/4	2,439.62	1/4	2,184.94	1/4	1,930.25	1/4	1,675.56
1/2		1/2		1/2		1/2	3,191.06	1/2	2,943.69	1/2	2,689.00	1/2	2,434.31	1/2	2,179.63	1/2	1,924.94	1/2	1,670.25
3/4		3/4		3/4		3/4	3,187.13	3/4	2,938.39	3/4	2,683.70	3/4	2,429.01	3/4	2,174.32	3/4	1,919.63	3/4	1,664.95
1		1		1		1	3,183.21	1	2,933.08	1	2,678.39	1	2,423.70	1	2,169.02	1	1,914.33	1	1,659.64
1/4		1/4		1/4		1/4	3,179.28	1/4	2,927.78	1/4	2,673.09	1/4	2,418.40	1/4	2,163.71	1/4	1,909.02	1/4	1,654.34
1/2		1/2		1/2		1/2	3,175.35	1/2	2,922.47	1/2	2,667.78	1/2	2,413.09	1/2	2,158.40	1/2	1,903.71	1/2	1,649.03
3/4		3/4		3/4		3/4	3,170.50	3/4	2,917.16	3/4	2,662.47	3/4	2,407.79	3/4	2,153.10	3/4	1,898.41	3/4	1,643.72
2		2		2		2	3,165.64	2	2,911.86	2	2,657.17	2	2,402.48	2	2,147.79	2	1,893.10	2	1,638.42
1/4		1/4		1/4		1/4	3,160.79	1/4	2,906.55	1/4	2,651.86	1/4	2,397.18	1/4	2,142.49	1/4	1,887.80	1/4	1,633.11
1/2		1/2		1/2		1/2	3,155.93	1/2	2,901.24	1/2	2,646.55	1/2	2,391.87	1/2	2,137.18	1/2	1,882.49	1/2	1,627.80
3/4		3/4		3/4		3/4	3,150.63	3/4	2,895.94	3/4	2,641.25	3/4	2,386.56	3/4	2,131.87	3/4	1,877.19	3/4	1,622.50
3		3		3		3	3,145.32	3	2,890.63	3	2,635.94	3	2,381.26	3	2,126.57	3	1,871.88	3	1,617.19
1/4		1/4		1/4		1/4	3,140.02	1/4	2,885.33	1/4	2,630.64	1/4	2,375.95	1/4	2,121.26	1/4	1,866.58	1/4	1,611.89
1/2		1/2		1/2		1/2	3,134.71	1/2	2,880.02	1/2	2,625.33	1/2	2,370.64	1/2	2,115.95	1/2	1,861.27	1/2	1,606.58
3/4		3/4		3/4		3/4	3,129.40	3/4	2,874.71	3/4	2,620.03	3/4	2,365.34	3/4	2,110.65	3/4	1,855.96	3/4	1,601.27
4		4		4		4	3,124.10	4	2,869.41	4	2,614.72	4	2,360.03	4	2,105.34	4	1,850.66	4	1,595.97
1/4		1/4		1/4		1/4	3,118.79	1/4	2,864.10	1/4	2,609.42	1/4	2,354.73	1/4	2,100.04	1/4	1,845.35	1/4	1,590.66
1/2		1/2		1/2		1/2	3,113.48	1/2	2,858.79	1/2	2,604.11	1/2	2,349.42	1/2	2,094.73	1/2	1,840.04	1/2	1,585.35
3/4		3/4		3/4		3/4	3,108.18	3/4	2,853.49	3/4	2,598.80	3/4	2,344.11	3/4	2,089.43	3/4	1,834.74	3/4	1,580.05
5		5		5		5	3,102.87	5	2,848.18	5	2,593.50	5	2,338.81	5	2,084.12	5	1,829.43	5	1,574.74
1/4		1/4		1/4		1/4	3,097.57	1/4	2,842.88	1/4	2,588.19	1/4	2,333.50	1/4	2,078.82	1/4	1,824.13	1/4	1,569.44
1/2		1/2		1/2		1/2	3,092.26	1/2	2,837.57	1/2	2,582.88	1/2	2,328.19	1/2	2,073.51	1/2	1,818.82	1/2	1,564.13
3/4		3/4		3/4		3/4	3,086.95	3/4	2,832.27	3/4	2,577.58	3/4	2,322.89	3/4	2,068.20	3/4	1,813.51	3/4	1,558.83
6		6		6		6	3,081.65	6	2,826.96	6	2,572.27	6	2,317.58	6	2,062.90	6	1,808.21	6	1,553.52
1/4		1/4		1/4		1/4	3,076.34	1/4	2,821.66	1/4	2,566.97	1/4	2,312.28	1/4	2,057.59	1/4	1,802.90	1/4	1,548.22
1/2		1/2		1/2		1/2	3,071.03	1/2	2,816.35	1/2	2,561.66	1/2	2,306.97	1/2	2,052.28	1/2	1,797.59	1/2	1,542.91
3/4		3/4		3/4		3/4	3,065.73	3/4	2,811.04	3/4	2,556.35	3/4	2,301.67	3/4	2,046.98	3/4	1,792.29	3/4	1,537.60
7		7		7		7	3,060.42	7	2,805.74	7	2,551.05	7	2,296.36	7	2,041.67	7	1,786.98	7	1,532.30
1/4		1/4		1/4		1/4	3,055.12	1/4	2,800.43	1/4	2,545.74	1/4	2,291.06	1/4	2,036.37	1/4	1,781.68	1/4	1,526.99
1/2		1/2		1/2		1/2	3,049.81	1/2	2,795.12	1/2	2,540.43	1/2	2,285.75	1/2	2,031.06	1/2	1,776.37	1/2	1,521.68
3/4		3/4		3/4		3/4	3,044.51	3/4	2,789.82	3/4	2,535.13	3/4	2,280.44	3/4	2,025.75	3/4	1,771.07	3/4	1,516.38
8		8		8		8	3,039.20	8	2,784.51	8	2,529.82	8	2,275.14	8	2,020.45	8	1,765.76	8	1,511.07
1/4		1/4		1/4		1/4	3,033.90	1/4	2,779.21	1/4	2,524.52	1/4	2,269.83	1/4	2,015.14	1/4	1,760.46	1/4	1,505.77
1/2		1/2		1/2		1/2	3,028.59	1/2	2,773.90	1/2	2,519.21	1/2	2,264.52	1/2	2,009.83	1/2	1,755.15	1/2	1,500.46
3/4		3/4		3/4		3/4	3,023.28	3/4	2,768.59	3/4	2,513.91	3/4	2,259.22	3/4	2,004.53	3/4	1,749.84	3/4	1,495.15
9		9		9		9	3,017.98	9	2,763.29	9	2,508.60	9	2,253.91	9	1,999.22	9	1,744.54	9	1,489.85
1/4		1/4		1/4		1/4	3,012.67	1/4	2,757.98	1/4	2,503.30	1/4	2,248.61	1/4	1,993.92	1/4	1,739.23	1/4	1,484.54
1/2		1/2		1/2		1/2	3,007.36	1/2	2,752.67	1/2	2,497.99	1/2	2,243.30	1/2	1,988.61	1/2	1,733.92	1/2	1,479.23
3/4		3/4		3/4		3/4	3,002.06	3/4	2,747.37	3/4	2,492.68	3/4	2,237.99	3/4	1,983.31	3/4	1,728.62	3/4	1,473.93
10		10		10		10	2,996.75	10	2,742.06	10	2,487.38	10	2,232.69	10	1,978.00	10	1,723.31	10	1,468.62
1/4		1/4		1/4		1/4	2,991.45	1/4	2,736.76	1/4	2,482.07	1/4	2,227.38	1/4	1,972.70	1/4	1,718.01	1/4	1,463.32
1/2		1/2		1/2		1/2	2,986.14	1/2	2,731.45	1/2	2,476.76	1/2	2,222.07	1/2	1,967.39	1/2	1,712.70	1/2	1,458.01
3/4		3/4		3/4		3/4	2,980.83	3/4	2,726.15	3/4	2,471.46	3/4	2,216.77	3/4	1,962.08	3/4	1,707.39	3/4	1,452.71
11		11		11		11	2,975.53	11	2,720.84	11	2,466.15	11	2,211.46	11	1,956.78	11	1,702.09	11	1,447.40
1/4		1/4		1/4		1/4	2,970.22	1/4	2,715.54	1/4	2,460.85	1/4	2,206.16	1/4	1,951.47	1/4	1,696.78	1/4	1,442.10
1/2		1/2		1/2		1/2	2,964.91	1/2	2,710.23	1/2	2,455.54	1/2	2,200.85	1/2	1,946.16	1/2	1,691.47	1/2	1,436.79
3/4		3/4		3/4		3/4	2,959.61	3/4	2,704.92	3/4	2,450.23	3/4	2,195.55	3/4	1,940.86	3/4	1,686.17	3/4	1,431.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "HTCO 3064"

1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-07 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	1,426.18	0	1,171.49	0	917.07	0	662.76	0	407.99	0	154.81	0		0		0		0	
1/4	1,420.87	1/4	1,166.18	1/4	911.78	1/4	657.64	1/4	402.67	1/4	149.68	1/4		1/4	1/4		1/4		1/4
1/2	1,415.56	1/2	1,160.87	1/2	906.50	1/2	652.52	1/2	397.35	1/2	144.54	1/2		1/2	1/2		1/2		1/2
3/4	1,410.26	3/4	1,155.57	3/4	901.13	3/4	647.21	3/4	392.04	3/4	139.41	3/4		3/4	3/4		3/4		3/4
1	1,404.95	1	1,150.26	1	895.75	1	641.89	1	386.72	1	134.27	1		1		1		1	
1/4	1,399.65	1/4	1,144.96	1/4	890.38	1/4	636.58	1/4	381.41	1/4	129.14	1/4		1/4	1/4		1/4		1/4
1/2	1,394.34	1/2	1,139.65	1/2	885.00	1/2	631.26	1/2	376.09	1/2	124.00	1/2		1/2	1/2		1/2		1/2
3/4	1,389.03	3/4	1,134.35	3/4	879.81	3/4	625.94	3/4	370.77	3/4	118.87	3/4		3/4	3/4		3/4		3/4
2	1,383.73	2	1,129.04	2	874.62	2	620.63	2	365.46	2	113.73	2		2		2		2	
1/4	1,378.42	1/4	1,123.74	1/4	869.43	1/4	615.31	1/4	360.14	1/4	108.60	1/4		1/4	1/4		1/4		1/4
1/2	1,373.11	1/2	1,118.43	1/2	864.24	1/2	609.99	1/2	354.82	1/2	103.46	1/2		1/2	1/2		1/2		1/2
3/4	1,367.81	3/4	1,113.12	3/4	858.96	3/4	604.68	3/4	349.51	3/4	98.28	3/4		3/4	3/4		3/4		3/4
3	1,362.50	3	1,107.82	3	853.68	3	599.36	3	344.19	3	93.10	3		3		3		3	
1/4	1,357.20	1/4	1,102.51	1/4	848.39	1/4	594.05	1/4	338.88	1/4	87.92	1/4		1/4	1/4		1/4		1/4
1/2	1,351.89	1/2	1,097.20	1/2	843.11	1/2	588.73	1/2	333.56	1/2	82.74	1/2		1/2	1/2		1/2		1/2
3/4	1,346.59	3/4	1,091.90	3/4	837.83	3/4	583.41	3/4	328.25	3/4	77.42	3/4		3/4	3/4		3/4		3/4
4	1,341.28	4	1,086.59	4	832.55	4	578.10	4	322.93	4	72.11	4		4		4		4	
1/4	1,335.98	1/4	1,081.29	1/4	827.27	1/4	572.78	1/4	317.62	1/4	66.79	1/4		1/4	1/4		1/4		1/4
1/2	1,330.67	1/2	1,075.98	1/2	821.99	1/2	567.46	1/2	312.30	1/2	61.47	1/2		1/2	1/2		1/2		1/2
3/4	1,325.36	3/4	1,070.67	3/4	816.71	3/4	562.15	3/4	306.98	3/4	56.16	3/4		3/4	3/4		3/4		3/4
5	1,320.06	5	1,065.37	5	811.43	5	556.83	5	301.67	5	50.84	5		5		5		5	
1/4	1,314.75	1/4	1,060.06	1/4	806.14	1/4	551.52	1/4	296.35	1/4	45.53	1/4		1/4	1/4		1/4		1/4
1/2	1,309.44	1/2	1,054.75	1/2	800.86	1/2	546.20	1/2	291.03	1/2	40.21	1/2		1/2	1/2		1/2		1/2
3/4	1,304.14	3/4	1,049.45	3/4	795.58	3/4	540.89	3/4	285.72	3/4	35.74	3/4		3/4	3/4		3/4		3/4
6	1,298.83	6	1,044.14	6	790.30	6	535.57	6	280.40	6	31.26	6		6		6		6	
1/4	1,293.53	1/4	1,038.84	1/4	785.01	1/4	530.26	1/4	275.09	1/4	26.79	1/4		1/4	1/4		1/4		1/4
1/2	1,288.22	1/2	1,033.53	1/2	779.73	1/2	524.94	1/2	269.77	1/2	22.31	1/2		1/2	1/2		1/2		1/2
3/4	1,282.91	3/4	1,028.23	3/4	774.45	3/4	519.62	3/4	264.45	3/4	19.12	3/4		3/4	3/4		3/4		3/4
7	1,277.61	7	1,022.92	7	769.17	7	514.31	7	259.14	7	15.93	7		7		7		7	
1/4	1,272.30	1/4	1,017.62	1/4	763.88	1/4	508.99	1/4	253.82	1/4	12.74	1/4		1/4	1/4		1/4		1/4
1/2	1,266.99	1/2	1,012.31	1/2	758.60	1/2	503.67	1/2	248.50	1/2		1/2		1/2	1/2		1/2		1/2
3/4	1,261.69	3/4	1,007.00	3/4	753.32	3/4	498.36	3/4	243.19	3/4		3/4		3/4	3/4		3/4		3/4
8	1,256.38	8	1,001.70	8	748.04	8	493.04	8	237.87	8		8		8		8		8	
1/4	1,251.08	1/4	996.39	1/4	742.75	1/4	487.73	1/4	232.56	1/4		1/4		1/4	1/4		1/4		1/4
1/2	1,245.77	1/2	991.08	1/2	737.47	1/2	482.41	1/2	227.24	1/2		1/2		1/2	1/2		1/2		1/2
3/4	1,240.47	3/4	985.78	3/4	732.18	3/4	477.09	3/4	221.97	3/4		3/4		3/4	3/4		3/4		3/4
9	1,235.16	9	980.48	9	726.89	9	471.78	9	216.70	9		9		9		9		9	
1/4	1,229.86	1/4	975.18	1/4	721.60	1/4	466.46	1/4	211.43	1/4		1/4		1/4	1/4		1/4		1/4
1/2	1,224.55	1/2	969.88	1/2	716.31	1/2	461.14	1/2	206.16	1/2		1/2		1/2	1/2		1/2		1/2
3/4	1,219.24	3/4	964.60	3/4	711.00	3/4	455.83	3/4	201.03	3/4		3/4		3/4	3/4		3/4		3/4
10	1,213.94	10	959.32	10	705.68	10	450.51	10	195.89	10		10		10		10		10	
1/4	1,208.63	1/4	954.03	1/4	700.37	1/4	445.20	1/4	190.76	1/4		1/4		1/4	1/4		1/4		1/4
1/2	1,203.32	1/2	948.75	1/2	695.05	1/2	439.88	1/2	185.62	1/2		1/2		1/2	1/2		1/2		1/2
3/4	1,198.02	3/4	943.47	3/4	689.54	3/4	434.57	3/4	180.49	3/4		3/4		3/4	3/4		3/4		3/4
11	1,192.71	11	938.19	11	684.03	11	429.25	11	175.35	11		11		11		11		11	
1/4	1,187.41	1/4	932.91	1/4	678.51	1/4	423.94	1/4	170.22	1/4		1/4		1/4	1/4		1/4		1/4
1/2	1,182.10	1/2	927.63	1/2	673.00	1/2	418.62	1/2	165.08	1/2		1/2		1/2	1/2		1/2		1/2
3/4	1,176.79	3/4	922.35	3/4	667.88	3/4	413.30	3/4	159.95	3/4		3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 08/14/2018 SW
REPRINTED: 08/14/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HTCO 3064"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-07"

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	3,194.07	0	2,949.00	0	2,694.31	0	2,439.62	0	2,184.94	0	1,930.25	0	1,675.56
1/4		1/4		1/4		1/4	3,191.06	1/4	2,943.69	1/4	2,689.00	1/4	2,434.31	1/4	2,179.63	1/4	1,924.94	1/4	1,670.25
1/2		1/2		1/2		1/2	3,187.13	1/2	2,938.39	1/2	2,683.70	1/2	2,429.01	1/2	2,174.32	1/2	1,919.63	1/2	1,664.95
3/4		3/4		3/4		3/4	3,183.21	3/4	2,933.08	3/4	2,678.39	3/4	2,423.70	3/4	2,169.02	3/4	1,914.33	3/4	1,659.64
1		1		1		1	3,179.28	1	2,927.78	1	2,673.09	1	2,418.40	1	2,163.71	1	1,909.02	1	1,654.34
1/4		1/4		1/4		1/4	3,175.35	1/4	2,922.47	1/4	2,667.78	1/4	2,413.09	1/4	2,158.40	1/4	1,903.71	1/4	1,649.03
1/2		1/2		1/2		1/2	3,170.50	1/2	2,917.16	1/2	2,662.47	1/2	2,407.79	1/2	2,153.10	1/2	1,898.41	1/2	1,643.72
3/4		3/4		3/4		3/4	3,165.64	3/4	2,911.86	3/4	2,657.17	3/4	2,402.48	3/4	2,147.79	3/4	1,893.10	3/4	1,638.42
2		2		2		2	3,160.79	2	2,906.55	2	2,651.86	2	2,397.18	2	2,142.49	2	1,887.80	2	1,633.11
1/4		1/4		1/4		1/4	3,155.93	1/4	2,901.24	1/4	2,646.55	1/4	2,391.87	1/4	2,137.18	1/4	1,882.49	1/4	1,627.80
1/2		1/2		1/2		1/2	3,150.63	1/2	2,895.94	1/2	2,641.25	1/2	2,386.56	1/2	2,131.87	1/2	1,877.19	1/2	1,622.50
3/4		3/4		3/4		3/4	3,145.32	3/4	2,890.63	3/4	2,635.94	3/4	2,381.26	3/4	2,126.57	3/4	1,871.88	3/4	1,617.19
3		3		3		3	3,140.02	3	2,885.33	3	2,630.64	3	2,375.95	3	2,121.26	3	1,866.58	3	1,611.89
1/4		1/4		1/4		1/4	3,134.71	1/4	2,880.02	1/4	2,625.33	1/4	2,370.64	1/4	2,115.95	1/4	1,861.27	1/4	1,606.58
1/2		1/2		1/2		1/2	3,129.40	1/2	2,874.71	1/2	2,620.03	1/2	2,365.34	1/2	2,110.65	1/2	1,855.96	1/2	1,601.27
3/4		3/4		3/4		3/4	3,124.10	3/4	2,869.41	3/4	2,614.72	3/4	2,360.03	3/4	2,105.34	3/4	1,850.66	3/4	1,595.97
4		4		4		4	3,118.79	4	2,864.10	4	2,609.42	4	2,354.73	4	2,100.04	4	1,845.35	4	1,590.66
1/4		1/4		1/4		1/4	3,113.48	1/4	2,858.79	1/4	2,604.11	1/4	2,349.42	1/4	2,094.73	1/4	1,840.04	1/4	1,585.35
1/2		1/2		1/2		1/2	3,108.18	1/2	2,853.49	1/2	2,598.80	1/2	2,344.11	1/2	2,089.43	1/2	1,834.74	1/2	1,580.05
3/4		3/4		3/4		3/4	3,102.87	3/4	2,848.18	3/4	2,593.50	3/4	2,338.81	3/4	2,084.12	3/4	1,829.43	3/4	1,574.74
5		5		5		5	3,097.57	5	2,842.88	5	2,588.19	5	2,333.50	5	2,078.82	5	1,824.13	5	1,569.44
1/4		1/4		1/4		1/4	3,092.26	1/4	2,837.57	1/4	2,582.88	1/4	2,328.19	1/4	2,073.51	1/4	1,818.82	1/4	1,564.13
1/2		1/2		1/2		1/2	3,086.95	1/2	2,832.27	1/2	2,577.58	1/2	2,322.89	1/2	2,068.20	1/2	1,813.51	1/2	1,558.83
3/4		3/4		3/4		3/4	3,081.65	3/4	2,826.96	3/4	2,572.27	3/4	2,317.58	3/4	2,062.90	3/4	1,808.21	3/4	1,553.52
6		6		6		6	3,076.34	6	2,821.66	6	2,566.97	6	2,312.28	6	2,057.59	6	1,802.90	6	1,548.22
1/4		1/4		1/4		1/4	3,071.03	1/4	2,816.35	1/4	2,561.66	1/4	2,306.97	1/4	2,052.28	1/4	1,797.59	1/4	1,542.91
1/2		1/2		1/2		1/2	3,065.73	1/2	2,811.04	1/2	2,556.35	1/2	2,301.67	1/2	2,046.98	1/2	1,792.29	1/2	1,537.60
3/4		3/4		3/4		3/4	3,060.42	3/4	2,805.74	3/4	2,551.05	3/4	2,296.36	3/4	2,041.67	3/4	1,786.98	3/4	1,532.30
7		7		7		7	3,055.12	7	2,800.43	7	2,545.74	7	2,291.06	7	2,036.37	7	1,781.68	7	1,526.99
1/4		1/4		1/4		1/4	3,049.81	1/4	2,795.12	1/4	2,540.43	1/4	2,285.75	1/4	2,031.06	1/4	1,776.37	1/4	1,521.68
1/2		1/2		1/2		1/2	3,044.51	1/2	2,789.82	1/2	2,535.13	1/2	2,280.44	1/2	2,025.75	1/2	1,771.07	1/2	1,516.38
3/4		3/4		3/4		3/4	3,039.20	3/4	2,784.51	3/4	2,529.82	3/4	2,275.14	3/4	2,020.45	3/4	1,765.76	3/4	1,511.07
8		8		8		8	3,033.90	8	2,779.21	8	2,524.52	8	2,269.83	8	2,015.14	8	1,760.46	8	1,505.77
1/4		1/4		1/4		1/4	3,028.59	1/4	2,773.90	1/4	2,519.21	1/4	2,264.52	1/4	2,009.83	1/4	1,755.15	1/4	1,500.46
1/2		1/2		1/2		1/2	3,023.28	1/2	2,768.59	1/2	2,513.91	1/2	2,259.22	1/2	2,004.53	1/2	1,749.84	1/2	1,495.15
3/4		3/4		3/4		3/4	3,017.98	3/4	2,763.29	3/4	2,508.60	3/4	2,253.91	3/4	1,999.22	3/4	1,744.54	3/4	1,489.85
9		9		9		9	3,012.67	9	2,757.98	9	2,503.30	9	2,248.61	9	1,993.92	9	1,739.23	9	1,484.54
1/4		1/4		1/4		1/4	3,007.36	1/4	2,752.67	1/4	2,497.99	1/4	2,243.30	1/4	1,988.61	1/4	1,733.92	1/4	1,479.23
1/2		1/2		1/2		1/2	3,002.06	1/2	2,747.37	1/2	2,492.68	1/2	2,237.99	1/2	1,983.31	1/2	1,728.62	1/2	1,473.93
3/4		3/4		3/4		3/4	2,996.75	3/4	2,742.06	3/4	2,487.38	3/4	2,232.69	3/4	1,978.00	3/4	1,723.31	3/4	1,468.62
10		10		10		10	2,991.45	10	2,736.76	10	2,482.07	10	2,227.38	10	1,972.70	10	1,718.01	10	1,463.32
1/4		1/4		1/4		1/4	2,986.14	1/4	2,731.45	1/4	2,476.76	1/4	2,222.07	1/4	1,967.39	1/4	1,712.70	1/4	1,458.01
1/2		1/2		1/2		1/2	2,980.83	1/2	2,726.15	1/2	2,471.46	1/2	2,216.77	1/2	1,962.08	1/2	1,707.39	1/2	1,452.71
3/4		3/4		3/4		3/4	2,975.53	3/4	2,720.84	3/4	2,466.15	3/4	2,211.46	3/4	1,956.78	3/4	1,702.09	3/4	1,447.40
11		11		11		11	2,970.22	11	2,715.54	11	2,460.85	11	2,206.16	11	1,951.47	11	1,696.78	11	1,442.10
1/4		1/4		1/4		1/4	2,964.91	1/4	2,710.23	1/4	2,455.54	1/4	2,200.85	1/4	1,946.16	1/4	1,691.47	1/4	1,436.79
1/2		1/2		1/2		1/2	2,959.61	1/2	2,704.92	1/2	2,450.23	1/2	2,195.55	1/2	1,940.86	1/2	1,686.17	1/2	1,431.48
3/4		3/4		3/4		3/4	3,197.07	3/4	2,954.30	3/4	2,699.62	3/4	2,444.93	3/4	2,190.24	3/4	1,935.55	3/4	1,426.18

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "HTCO 3064"

1 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 15'-07"

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	1,420.87	0	1,166.18	0	911.78	0	657.64	0	402.67	0	149.68	0		0		0		0	
1/4	1,415.56	1/4	1,160.87	1/4	906.50	1/4	652.52	1/4	397.35	1/4	144.54	1/4		1/4		1/4		1/4	
1/2	1,410.26	1/2	1,155.57	1/2	901.13	1/2	647.21	1/2	392.04	1/2	139.41	1/2		1/2		1/2		1/2	
3/4	1,404.95	3/4	1,150.26	3/4	895.75	3/4	641.89	3/4	386.72	3/4	134.27	3/4		3/4		3/4		3/4	
1	1,399.65	1	1,144.96	1	890.38	1	636.58	1	381.41	1	129.14	1		1		1		1	
1/4	1,394.34	1/4	1,139.65	1/4	885.00	1/4	631.26	1/4	376.09	1/4	124.00	1/4		1/4		1/4		1/4	
1/2	1,389.03	1/2	1,134.35	1/2	879.81	1/2	625.94	1/2	370.77	1/2	118.87	1/2		1/2		1/2		1/2	
3/4	1,383.73	3/4	1,129.04	3/4	874.62	3/4	620.63	3/4	365.46	3/4	113.73	3/4		3/4		3/4		3/4	
2	1,378.42	2	1,123.74	2	869.43	2	615.31	2	360.14	2	108.60	2		2		2		2	
1/4	1,373.11	1/4	1,118.43	1/4	864.24	1/4	609.99	1/4	354.82	1/4	103.46	1/4		1/4		1/4		1/4	
1/2	1,367.81	1/2	1,113.12	1/2	858.96	1/2	604.68	1/2	349.51	1/2	98.28	1/2		1/2		1/2		1/2	
3/4	1,362.50	3/4	1,107.82	3/4	853.68	3/4	599.36	3/4	344.19	3/4	93.10	3/4		3/4		3/4		3/4	
3	1,357.20	3	1,102.51	3	848.39	3	594.05	3	338.88	3	87.92	3		3		3		3	
1/4	1,351.89	1/4	1,097.20	1/4	843.11	1/4	588.73	1/4	333.56	1/4	82.74	1/4		1/4		1/4		1/4	
1/2	1,346.59	1/2	1,091.90	1/2	837.83	1/2	583.41	1/2	328.25	1/2	77.42	1/2		1/2		1/2		1/2	
3/4	1,341.28	3/4	1,086.59	3/4	832.55	3/4	578.10	3/4	322.93	3/4	72.11	3/4		3/4		3/4		3/4	
4	1,335.98	4	1,081.29	4	827.27	4	572.78	4	317.62	4	66.79	4		4		4		4	
1/4	1,330.67	1/4	1,075.98	1/4	821.99	1/4	567.46	1/4	312.30	1/4	61.47	1/4		1/4		1/4		1/4	
1/2	1,325.36	1/2	1,070.67	1/2	816.71	1/2	562.15	1/2	306.98	1/2	56.16	1/2		1/2		1/2		1/2	
3/4	1,320.06	3/4	1,065.37	3/4	811.43	3/4	556.83	3/4	301.67	3/4	50.84	3/4		3/4		3/4		3/4	
5	1,314.75	5	1,060.06	5	806.14	5	551.52	5	296.35	5	45.53	5		5		5		5	
1/4	1,309.44	1/4	1,054.75	1/4	800.86	1/4	546.20	1/4	291.03	1/4	40.21	1/4		1/4		1/4		1/4	
1/2	1,304.14	1/2	1,049.45	1/2	795.58	1/2	540.89	1/2	285.72	1/2	35.74	1/2		1/2		1/2		1/2	
3/4	1,298.83	3/4	1,044.14	3/4	790.30	3/4	535.57	3/4	280.40	3/4	31.26	3/4		3/4		3/4		3/4	
6	1,293.53	6	1,038.84	6	785.01	6	530.26	6	275.09	6	26.79	6		6		6		6	
1/4	1,288.22	1/4	1,033.53	1/4	779.73	1/4	524.94	1/4	269.77	1/4	22.31	1/4		1/4		1/4		1/4	
1/2	1,282.91	1/2	1,028.23	1/2	774.45	1/2	519.62	1/2	264.45	1/2	19.12	1/2		1/2		1/2		1/2	
3/4	1,277.61	3/4	1,022.92	3/4	769.17	3/4	514.31	3/4	259.14	3/4	15.93	3/4		3/4		3/4		3/4	
7	1,272.30	7	1,017.62	7	763.88	7	508.99	7	253.82	7	12.74	7		7		7		7	
1/4	1,266.99	1/4	1,012.31	1/4	758.60	1/4	503.67	1/4	248.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,261.69	1/2	1,007.00	1/2	753.32	1/2	498.36	1/2	243.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,256.38	3/4	1,001.70	3/4	748.04	3/4	493.04	3/4	237.87	3/4		3/4		3/4		3/4		3/4	
8	1,251.08	8	996.39	8	742.75	8	487.73	8	232.56	8		8		8		8		8	
1/4	1,245.77	1/4	991.08	1/4	737.47	1/4	482.41	1/4	227.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,240.47	1/2	985.78	1/2	732.18	1/2	477.09	1/2	221.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,235.16	3/4	980.48	3/4	726.89	3/4	471.78	3/4	216.70	3/4		3/4		3/4		3/4		3/4	
9	1,229.86	9	975.18	9	721.60	9	466.46	9	211.43	9		9		9		9		9	
1/4	1,224.55	1/4	969.88	1/4	716.31	1/4	461.14	1/4	206.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,219.24	1/2	964.60	1/2	711.00	1/2	455.83	1/2	201.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,213.94	3/4	959.32	3/4	705.68	3/4	450.51	3/4	195.89	3/4		3/4		3/4		3/4		3/4	
10	1,208.63	10	954.03	10	700.37	10	445.20	10	190.76	10		10		10		10		10	
1/4	1,203.32	1/4	948.75	1/4	695.05	1/4	439.88	1/4	185.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,198.02	1/2	943.47	1/2	689.54	1/2	434.57	1/2	180.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,192.71	3/4	938.19	3/4	684.03	3/4	429.25	3/4	175.35	3/4		3/4		3/4		3/4		3/4	
11	1,187.41	11	932.91	11	678.51	11	423.94	11	170.22	11		11		11		11		11	
1/4	1,182.10	1/4	927.63	1/4	673.00	1/4	418.62	1/4	165.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,176.79	1/2	922.35	1/2	667.88	1/2	413.30	1/2	159.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,171.49	3/4	917.07	3/4	662.76	3/4	407.99	3/4	154.81	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
 RECALCULATED: 08/14/2018 SW
 REPRINTED: 08/14/2018 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2018

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



BARGE "HTCO 3064"

2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-07 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	3,179.64	0	2,937.79	0	2,683.57	0	2,429.37	0	2,175.16	0	1,920.95	0	1,666.74
1/4		1/4		1/4		1/4	3,176.67	1/4	2,932.49	1/4	2,678.28	1/4	2,424.07	1/4	2,169.87	1/4	1,915.66	1/4	1,661.45
1/2		1/2		1/2		1/2	3,173.71	1/2	2,927.20	1/2	2,672.98	1/2	2,418.77	1/2	2,164.57	1/2	1,910.36	1/2	1,656.15
3/4		3/4		3/4		3/4	3,169.83	3/4	2,921.90	3/4	2,667.69	3/4	2,413.48	3/4	2,159.28	3/4	1,905.07	3/4	1,650.86
1		1		1		1	3,165.95	1	2,916.60	1	2,662.39	1	2,408.18	1	2,153.98	1	1,899.77	1	1,645.56
1/4		1/4		1/4		1/4	3,162.07	1/4	2,911.30	1/4	2,657.10	1/4	2,402.89	1/4	2,148.68	1/4	1,894.47	1/4	1,640.27
1/2		1/2		1/2		1/2	3,158.20	1/2	2,906.01	1/2	2,651.80	1/2	2,397.59	1/2	2,143.38	1/2	1,889.17	1/2	1,634.97
3/4		3/4		3/4		3/4	3,153.41	3/4	2,900.71	3/4	2,646.51	3/4	2,392.30	3/4	2,138.09	3/4	1,883.88	3/4	1,629.68
2		2		2		2	3,148.62	2	2,895.41	2	2,641.21	2	2,387.00	2	2,132.79	2	1,878.58	2	1,624.38
1/4		1/4		1/4		1/4	3,143.83	1/4	2,890.12	1/4	2,635.91	1/4	2,381.71	1/4	2,127.50	1/4	1,873.29	1/4	1,619.08
1/2		1/2		1/2		1/2	3,139.04	1/2	2,884.82	1/2	2,630.61	1/2	2,376.41	1/2	2,122.20	1/2	1,867.99	1/2	1,613.78
3/4		3/4		3/4		3/4	3,133.74	3/4	2,879.53	3/4	2,625.32	3/4	2,371.12	3/4	2,116.91	3/4	1,862.70	3/4	1,608.49
3		3		3		3	3,128.44	3	2,874.23	3	2,620.02	3	2,365.82	3	2,111.61	3	1,857.40	3	1,603.19
1/4		1/4		1/4		1/4	3,123.14	1/4	2,868.94	1/4	2,614.73	1/4	2,360.52	1/4	2,106.31	1/4	1,852.11	1/4	1,597.90
1/2		1/2		1/2		1/2	3,117.85	1/2	2,863.64	1/2	2,609.43	1/2	2,355.22	1/2	2,101.01	1/2	1,846.81	1/2	1,592.60
3/4		3/4		3/4		3/4	3,112.55	3/4	2,858.35	3/4	2,604.14	3/4	2,349.93	3/4	2,095.72	3/4	1,841.52	3/4	1,587.31
4		4		4		4	3,107.26	4	2,853.05	4	2,598.84	4	2,344.63	4	2,090.42	4	1,836.22	4	1,582.01
1/4		1/4		1/4		1/4	3,101.96	1/4	2,847.75	1/4	2,593.54	1/4	2,339.34	1/4	2,085.13	1/4	1,830.92	1/4	1,576.71
1/2		1/2		1/2		1/2	3,096.67	1/2	2,842.45	1/2	2,588.24	1/2	2,334.04	1/2	2,079.83	1/2	1,825.62	1/2	1,571.41
3/4		3/4		3/4		3/4	3,091.37	3/4	2,837.16	3/4	2,582.95	3/4	2,328.75	3/4	2,074.54	3/4	1,820.33	3/4	1,566.12
5		5		5		5	3,086.08	5	2,831.86	5	2,577.65	5	2,323.45	5	2,069.24	5	1,815.03	5	1,560.82
1/4		1/4		1/4		1/4	3,080.78	1/4	2,826.57	1/4	2,572.36	1/4	2,318.15	1/4	2,063.95	1/4	1,809.74	1/4	1,555.53
1/2		1/2		1/2		1/2	3,075.49	1/2	2,821.27	1/2	2,567.06	1/2	2,312.85	1/2	2,058.65	1/2	1,804.44	1/2	1,550.23
3/4		3/4		3/4		3/4	3,070.19	3/4	2,815.98	3/4	2,561.77	3/4	2,307.56	3/4	2,053.36	3/4	1,799.15	3/4	1,544.94
6		6		6		6	3,064.89	6	2,810.68	6	2,556.47	6	2,302.26	6	2,048.06	6	1,793.85	6	1,539.64
1/4		1/4		1/4		1/4	3,059.59	1/4	2,805.38	1/4	2,551.18	1/4	2,296.97	1/4	2,042.76	1/4	1,788.55	1/4	1,534.35
1/2		1/2		1/2		1/2	3,054.30	1/2	2,800.08	1/2	2,545.88	1/2	2,291.67	1/2	2,037.46	1/2	1,783.25	1/2	1,529.05
3/4		3/4		3/4		3/4	3,049.00	3/4	2,794.79	3/4	2,540.59	3/4	2,286.38	3/4	2,032.17	3/4	1,777.96	3/4	1,523.76
7		7		7		7	3,043.71	7	2,789.49	7	2,535.29	7	2,281.08	7	2,026.87	7	1,772.66	7	1,518.46
1/4		1/4		1/4		1/4	3,038.41	1/4	2,784.20	1/4	2,529.99	1/4	2,275.79	1/4	2,021.58	1/4	1,767.37	1/4	1,513.16
1/2		1/2		1/2		1/2	3,033.12	1/2	2,778.90	1/2	2,524.69	1/2	2,270.49	1/2	2,016.28	1/2	1,762.07	1/2	1,507.86
3/4		3/4		3/4		3/4	3,027.82	3/4	2,773.61	3/4	2,519.40	3/4	2,265.20	3/4	2,010.99	3/4	1,756.78	3/4	1,502.57
8		8		8		8	3,022.52	8	2,768.31	8	2,514.10	8	2,259.90	8	2,005.69	8	1,751.48	8	1,497.27
1/4		1/4		1/4		1/4	3,017.22	1/4	2,763.02	1/4	2,508.81	1/4	2,254.60	1/4	2,000.39	1/4	1,746.19	1/4	1,491.98
1/2		1/2		1/2		1/2	3,011.93	1/2	2,757.72	1/2	2,503.51	1/2	2,249.30	1/2	1,995.09	1/2	1,740.89	1/2	1,486.68
3/4		3/4		3/4		3/4	3,006.63	3/4	2,752.43	3/4	2,498.22	3/4	2,244.01	3/4	1,989.80	3/4	1,735.60	3/4	1,481.39
9		9		9		9	3,001.34	9	2,747.13	9	2,492.92	9	2,238.71	9	1,984.50	9	1,730.30	9	1,476.09
1/4		1/4		1/4		1/4	2,996.04	1/4	2,741.83	1/4	2,487.62	1/4	2,233.42	1/4	1,979.21	1/4	1,725.00	1/4	1,470.79
1/2		1/2		1/2		1/2	2,990.75	1/2	2,736.53	1/2	2,482.32	1/2	2,228.12	1/2	1,973.91	1/2	1,719.70	1/2	1,465.49
3/4		3/4		3/4		3/4	2,985.45	3/4	2,731.24	3/4	2,477.03	3/4	2,222.83	3/4	1,968.62	3/4	1,714.41	3/4	1,460.20
10		10		10		10	2,980.16	10	2,725.94	10	2,471.73	10	2,217.53	10	1,963.32	10	1,709.11	10	1,454.90
1/4		1/4		1/4		1/4	2,974.86	1/4	2,720.65	1/4	2,466.44	1/4	2,212.23	1/4	1,958.03	1/4	1,703.82	1/4	1,449.61
1/2		1/2		1/2		1/2	2,969.57	1/2	2,715.35	1/2	2,461.14	1/2	2,206.93	1/2	1,952.73	1/2	1,698.52	1/2	1,444.31
3/4		3/4		3/4		3/4	2,964.27	3/4	2,710.06	3/4	2,455.85	3/4	2,201.64	3/4	1,947.44	3/4	1,693.23	3/4	1,439.02
11		11		11		11	2,958.97	11	2,704.76	11	2,450.55	11	2,196.34	11	1,942.14	11	1,687.93	11	1,433.72
1/4		1/4		1/4		1/4	2,953.67	1/4	2,699.46	1/4	2,445.26	1/4	2,191.05	1/4	1,936.84	1/4	1,682.63	1/4	1,428.43
1/2		1/2		1/2		1/2	2,948.38	1/2	2,694.16	1/2	2,439.96	1/2	2,185.75	1/2	1,931.54	1/2	1,677.33	1/2	1,423.13
3/4		3/4		3/4		3/4	2,943.08	3/4	2,688.87	3/4	2,434.67	3/4	2,180.46	3/4	1,926.25	3/4	1,672.04	3/4	1,417.84

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "HTCO 3064"

2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-07 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	1,412.54	0	1,158.33	0	905.03	0	654.44	0	402.64	0	152.79	0		0		0		0	
1/4	1,407.24	1/4	1,153.03	1/4	899.82	1/4	649.20	1/4	397.39	1/4	147.72	1/4		1/4		1/4		1/4	
1/2	1,401.94	1/2	1,147.73	1/2	894.60	1/2	643.95	1/2	392.14	1/2	142.65	1/2		1/2		1/2		1/2	
3/4	1,396.65	3/4	1,142.44	3/4	889.39	3/4	638.71	3/4	386.90	3/4	137.59	3/4		3/4		3/4		3/4	
1	1,391.35	1	1,137.14	1	884.18	1	633.46	1	381.65	1	132.52	1		1		1		1	
1/4	1,386.06	1/4	1,131.85	1/4	878.97	1/4	628.22	1/4	376.41	1/4	127.45	1/4		1/4		1/4		1/4	
1/2	1,380.76	1/2	1,126.55	1/2	873.75	1/2	622.97	1/2	371.16	1/2	122.38	1/2		1/2		1/2		1/2	
3/4	1,375.47	3/4	1,121.26	3/4	868.54	3/4	617.73	3/4	365.92	3/4	117.32	3/4		3/4		3/4		3/4	
2	1,370.17	2	1,115.96	2	863.33	2	612.48	2	360.67	2	112.25	2		2		2		2	
1/4	1,364.87	1/4	1,110.67	1/4	858.12	1/4	607.23	1/4	355.43	1/4	107.18	1/4		1/4		1/4		1/4	
1/2	1,359.57	1/2	1,105.37	1/2	852.90	1/2	601.98	1/2	350.18	1/2	102.11	1/2		1/2		1/2		1/2	
3/4	1,354.28	3/4	1,100.08	3/4	847.69	3/4	596.74	3/4	344.94	3/4	97.00	3/4		3/4		3/4		3/4	
3	1,348.98	3	1,094.78	3	842.48	3	591.49	3	339.69	3	91.89	3		3		3		3	
1/4	1,343.69	1/4	1,089.48	1/4	837.27	1/4	586.25	1/4	334.44	1/4	86.78	1/4		1/4		1/4		1/4	
1/2	1,338.39	1/2	1,084.18	1/2	832.05	1/2	581.00	1/2	329.19	1/2	81.66	1/2		1/2		1/2		1/2	
3/4	1,333.10	3/4	1,078.89	3/4	826.84	3/4	575.76	3/4	323.95	3/4	76.42	3/4		3/4		3/4		3/4	
4	1,327.80	4	1,073.59	4	821.63	4	570.51	4	318.70	4	71.17	4		4		4		4	
1/4	1,322.51	1/4	1,068.30	1/4	816.42	1/4	565.26	1/4	313.46	1/4	65.92	1/4		1/4		1/4		1/4	
1/2	1,317.21	1/2	1,063.00	1/2	811.20	1/2	560.01	1/2	308.21	1/2	60.67	1/2		1/2		1/2		1/2	
3/4	1,311.92	3/4	1,057.71	3/4	805.99	3/4	554.77	3/4	302.97	3/4	55.43	3/4		3/4		3/4		3/4	
5	1,306.62	5	1,052.41	5	800.77	5	549.52	5	297.72	5	50.18	5		5		5		5	
1/4	1,301.32	1/4	1,047.11	1/4	795.56	1/4	544.28	1/4	292.47	1/4	44.94	1/4		1/4		1/4		1/4	
1/2	1,296.02	1/2	1,041.81	1/2	790.34	1/2	539.03	1/2	287.22	1/2	39.69	1/2		1/2		1/2		1/2	
3/4	1,290.73	3/4	1,036.52	3/4	785.13	3/4	533.79	3/4	281.98	3/4	35.28	3/4		3/4		3/4		3/4	
6	1,285.43	6	1,031.22	6	779.92	6	528.54	6	276.73	6	30.86	6		6		6		6	
1/4	1,280.14	1/4	1,025.93	1/4	774.71	1/4	523.30	1/4	271.49	1/4	26.45	1/4		1/4		1/4		1/4	
1/2	1,274.84	1/2	1,020.63	1/2	769.49	1/2	518.05	1/2	266.24	1/2	22.03	1/2		1/2		1/2		1/2	
3/4	1,269.55	3/4	1,015.34	3/4	764.28	3/4	512.81	3/4	261.00	3/4	18.88	3/4		3/4		3/4		3/4	
7	1,264.25	7	1,010.04	7	759.07	7	507.56	7	255.75	7	15.73	7		7		7		7	
1/4	1,258.95	1/4	1,004.74	1/4	753.86	1/4	502.31	1/4	250.51	1/4	12.58	1/4		1/4		1/4		1/4	
1/2	1,253.65	1/2	999.44	1/2	748.64	1/2	497.06	1/2	245.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,248.36	3/4	994.15	3/4	743.43	3/4	491.82	3/4	240.02	3/4		3/4		3/4		3/4		3/4	
8	1,243.06	8	988.85	8	738.22	8	486.57	8	234.77	8		8		8		8		8	
1/4	1,237.77	1/4	983.56	1/4	733.01	1/4	481.33	1/4	229.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,232.47	1/2	978.26	1/2	727.79	1/2	476.08	1/2	224.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,227.18	3/4	972.99	3/4	722.57	3/4	470.84	3/4	219.07	3/4		3/4		3/4		3/4		3/4	
9	1,221.88	9	967.71	9	717.35	9	465.59	9	213.87	9		9		9		9		9	
1/4	1,216.59	1/4	962.44	1/4	712.13	1/4	460.35	1/4	208.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,211.29	1/2	957.16	1/2	706.90	1/2	455.10	1/2	203.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,206.00	3/4	951.95	3/4	701.66	3/4	449.86	3/4	198.40	3/4		3/4		3/4		3/4		3/4	
10	1,200.70	10	946.74	10	696.41	10	444.61	10	193.33	10		10		10		10		10	
1/4	1,195.40	1/4	941.53	1/4	691.17	1/4	439.36	1/4	188.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,190.10	1/2	936.31	1/2	685.92	1/2	434.11	1/2	183.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,184.81	3/4	931.10	3/4	680.68	3/4	428.87	3/4	178.13	3/4		3/4		3/4		3/4		3/4	
11	1,179.51	11	925.89	11	675.43	11	423.62	11	173.06	11		11		11		11		11	
1/4	1,174.22	1/4	920.68	1/4	670.18	1/4	418.38	1/4	167.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,168.92	1/2	915.46	1/2	664.93	1/2	413.13	1/2	162.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,163.63	3/4	910.25	3/4	659.69	3/4	407.89	3/4	157.86	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 08/14/2018 SW
REPRINTED: 08/14/2018 SW

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ALL PRIOR TO 08/2018

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BARGE "HTCO 3064"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-07"

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	3,176.67	0	2,932.49	0	2,678.28	0	2,424.07	0	2,169.87	0	1,915.66	0	1,661.45
1/4		1/4		1/4		1/4	3,173.71	1/4	2,927.20	1/4	2,672.98	1/4	2,418.77	1/4	2,164.57	1/4	1,910.36	1/4	1,656.15
1/2		1/2		1/2		1/2	3,169.83	1/2	2,921.90	1/2	2,667.69	1/2	2,413.48	1/2	2,159.28	1/2	1,905.07	1/2	1,650.86
3/4		3/4		3/4		3/4	3,165.95	3/4	2,916.60	3/4	2,662.39	3/4	2,408.18	3/4	2,153.98	3/4	1,899.77	3/4	1,645.56
1		1		1		1	3,162.07	1	2,911.30	1	2,657.10	1	2,402.89	1	2,148.68	1	1,894.47	1	1,640.27
1/4		1/4		1/4		1/4	3,158.20	1/4	2,906.01	1/4	2,651.80	1/4	2,397.59	1/4	2,143.38	1/4	1,889.17	1/4	1,634.97
1/2		1/2		1/2		1/2	3,153.41	1/2	2,900.71	1/2	2,646.51	1/2	2,392.30	1/2	2,138.09	1/2	1,883.88	1/2	1,629.68
3/4		3/4		3/4		3/4	3,148.62	3/4	2,895.41	3/4	2,641.21	3/4	2,387.00	3/4	2,132.79	3/4	1,878.58	3/4	1,624.38
2		2		2		2	3,143.83	2	2,890.12	2	2,635.91	2	2,381.71	2	2,127.50	2	1,873.29	2	1,619.08
1/4		1/4		1/4		1/4	3,139.04	1/4	2,884.82	1/4	2,630.61	1/4	2,376.41	1/4	2,122.20	1/4	1,867.99	1/4	1,613.78
1/2		1/2		1/2		1/2	3,133.74	1/2	2,879.53	1/2	2,625.32	1/2	2,371.12	1/2	2,116.91	1/2	1,862.70	1/2	1,608.49
3/4		3/4		3/4		3/4	3,128.44	3/4	2,874.23	3/4	2,620.02	3/4	2,365.82	3/4	2,111.61	3/4	1,857.40	3/4	1,603.19
3		3		3		3	3,123.14	3	2,868.94	3	2,614.73	3	2,360.52	3	2,106.31	3	1,852.11	3	1,597.90
1/4		1/4		1/4		1/4	3,117.85	1/4	2,863.64	1/4	2,609.43	1/4	2,355.22	1/4	2,101.01	1/4	1,846.81	1/4	1,592.60
1/2		1/2		1/2		1/2	3,112.55	1/2	2,858.35	1/2	2,604.14	1/2	2,349.93	1/2	2,095.72	1/2	1,841.52	1/2	1,587.31
3/4		3/4		3/4		3/4	3,107.26	3/4	2,853.05	3/4	2,598.84	3/4	2,344.63	3/4	2,090.42	3/4	1,836.22	3/4	1,582.01
4		4		4		4	3,101.96	4	2,847.75	4	2,593.54	4	2,339.34	4	2,085.13	4	1,830.92	4	1,576.71
1/4		1/4		1/4		1/4	3,096.67	1/4	2,842.45	1/4	2,588.24	1/4	2,334.04	1/4	2,079.83	1/4	1,825.62	1/4	1,571.41
1/2		1/2		1/2		1/2	3,091.37	1/2	2,837.16	1/2	2,582.95	1/2	2,328.75	1/2	2,074.54	1/2	1,820.33	1/2	1,566.12
3/4		3/4		3/4		3/4	3,086.08	3/4	2,831.86	3/4	2,577.65	3/4	2,323.45	3/4	2,069.24	3/4	1,815.03	3/4	1,560.82
5		5		5		5	3,080.78	5	2,826.57	5	2,572.36	5	2,318.15	5	2,063.95	5	1,809.74	5	1,555.53
1/4		1/4		1/4		1/4	3,075.49	1/4	2,821.27	1/4	2,567.06	1/4	2,312.85	1/4	2,058.65	1/4	1,804.44	1/4	1,550.23
1/2		1/2		1/2		1/2	3,070.19	1/2	2,815.98	1/2	2,561.77	1/2	2,307.56	1/2	2,053.36	1/2	1,799.15	1/2	1,544.94
3/4		3/4		3/4		3/4	3,064.89	3/4	2,810.68	3/4	2,556.47	3/4	2,302.26	3/4	2,048.06	3/4	1,793.85	3/4	1,539.64
6		6		6		6	3,059.59	6	2,805.38	6	2,551.18	6	2,296.97	6	2,042.76	6	1,788.55	6	1,534.35
1/4		1/4		1/4		1/4	3,054.30	1/4	2,800.08	1/4	2,545.88	1/4	2,291.67	1/4	2,037.46	1/4	1,783.25	1/4	1,529.05
1/2		1/2		1/2		1/2	3,049.00	1/2	2,794.79	1/2	2,540.59	1/2	2,286.38	1/2	2,032.17	1/2	1,777.96	1/2	1,523.76
3/4		3/4		3/4		3/4	3,043.71	3/4	2,789.49	3/4	2,535.29	3/4	2,281.08	3/4	2,026.87	3/4	1,772.66	3/4	1,518.46
7		7		7		7	3,038.41	7	2,784.20	7	2,529.99	7	2,275.79	7	2,021.58	7	1,767.37	7	1,513.16
1/4		1/4		1/4		1/4	3,033.12	1/4	2,778.90	1/4	2,524.69	1/4	2,270.49	1/4	2,016.28	1/4	1,762.07	1/4	1,507.86
1/2		1/2		1/2		1/2	3,027.82	1/2	2,773.61	1/2	2,519.40	1/2	2,265.20	1/2	2,010.99	1/2	1,756.78	1/2	1,502.57
3/4		3/4		3/4		3/4	3,022.52	3/4	2,768.31	3/4	2,514.10	3/4	2,259.90	3/4	2,005.69	3/4	1,751.48	3/4	1,497.27
8		8		8		8	3,017.22	8	2,763.02	8	2,508.81	8	2,254.60	8	2,000.39	8	1,746.19	8	1,491.98
1/4		1/4		1/4		1/4	3,011.93	1/4	2,757.72	1/4	2,503.51	1/4	2,249.30	1/4	1,995.09	1/4	1,740.89	1/4	1,486.68
1/2		1/2		1/2		1/2	3,006.63	1/2	2,752.43	1/2	2,498.22	1/2	2,244.01	1/2	1,989.80	1/2	1,735.60	1/2	1,481.39
3/4		3/4		3/4		3/4	3,001.34	3/4	2,747.13	3/4	2,492.92	3/4	2,238.71	3/4	1,984.50	3/4	1,730.30	3/4	1,476.09
9		9		9		9	2,996.04	9	2,741.83	9	2,487.62	9	2,233.42	9	1,979.21	9	1,725.00	9	1,470.79
1/4		1/4		1/4		1/4	2,990.75	1/4	2,736.53	1/4	2,482.32	1/4	2,228.12	1/4	1,973.91	1/4	1,719.70	1/4	1,465.49
1/2		1/2		1/2		1/2	2,985.45	1/2	2,731.24	1/2	2,477.03	1/2	2,222.83	1/2	1,968.62	1/2	1,714.41	1/2	1,460.20
3/4		3/4		3/4		3/4	2,980.16	3/4	2,725.94	3/4	2,471.73	3/4	2,217.53	3/4	1,963.32	3/4	1,709.11	3/4	1,454.90
10		10		10		10	2,974.86	10	2,720.65	10	2,466.44	10	2,212.23	10	1,958.03	10	1,703.82	10	1,449.61
1/4		1/4		1/4		1/4	2,969.57	1/4	2,715.35	1/4	2,461.14	1/4	2,206.93	1/4	1,952.73	1/4	1,698.52	1/4	1,444.31
1/2		1/2		1/2		1/2	2,964.27	1/2	2,710.06	1/2	2,455.85	1/2	2,201.64	1/2	1,947.44	1/2	1,693.23	1/2	1,439.02
3/4		3/4		3/4		3/4	2,958.97	3/4	2,704.76	3/4	2,450.55	3/4	2,196.34	3/4	1,942.14	3/4	1,687.93	3/4	1,433.72
11		11		11		11	2,953.67	11	2,699.46	11	2,445.26	11	2,191.05	11	1,936.84	11	1,682.63	11	1,428.43
1/4		1/4		1/4		1/4	2,948.38	1/4	2,694.16	1/4	2,439.96	1/4	2,185.75	1/4	1,931.54	1/4	1,677.33	1/4	1,423.13
1/2		1/2		1/2		1/2	2,943.08	1/2	2,688.87	1/2	2,434.67	1/2	2,180.46	1/2	1,926.25	1/2	1,672.04	1/2	1,417.84
3/4		3/4		3/4		3/4	3,179.64	3/4	2,937.79	3/4	2,683.57	3/4	2,429.37	3/4	2,175.16	3/4	1,920.95	3/4	1,666.74

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "HTCO 3064"

2 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 15'-07"

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	1,407.24	0	1,153.03	0	899.82	0	649.20	0	397.39	0	147.72	0		0		0		0	
1/4	1,401.94	1/4	1,147.73	1/4	894.60	1/4	643.95	1/4	392.14	1/4	142.65	1/4		1/4		1/4		1/4	
1/2	1,396.65	1/2	1,142.44	1/2	889.39	1/2	638.71	1/2	386.90	1/2	137.59	1/2		1/2		1/2		1/2	
3/4	1,391.35	3/4	1,137.14	3/4	884.18	3/4	633.46	3/4	381.65	3/4	132.52	3/4		3/4		3/4		3/4	
1	1,386.06	1	1,131.85	1	878.97	1	628.22	1	376.41	1	127.45	1		1		1		1	
1/4	1,380.76	1/4	1,126.55	1/4	873.75	1/4	622.97	1/4	371.16	1/4	122.38	1/4		1/4		1/4		1/4	
1/2	1,375.47	1/2	1,121.26	1/2	868.54	1/2	617.73	1/2	365.92	1/2	117.32	1/2		1/2		1/2		1/2	
3/4	1,370.17	3/4	1,115.96	3/4	863.33	3/4	612.48	3/4	360.67	3/4	112.25	3/4		3/4		3/4		3/4	
2	1,364.87	2	1,110.67	2	858.12	2	607.23	2	355.43	2	107.18	2		2		2		2	
1/4	1,359.57	1/4	1,105.37	1/4	852.90	1/4	601.98	1/4	350.18	1/4	102.11	1/4		1/4		1/4		1/4	
1/2	1,354.28	1/2	1,100.08	1/2	847.69	1/2	596.74	1/2	344.94	1/2	97.00	1/2		1/2		1/2		1/2	
3/4	1,348.98	3/4	1,094.78	3/4	842.48	3/4	591.49	3/4	339.69	3/4	91.89	3/4		3/4		3/4		3/4	
3	1,343.69	3	1,089.48	3	837.27	3	586.25	3	334.44	3	86.78	3		3		3		3	
1/4	1,338.39	1/4	1,084.18	1/4	832.05	1/4	581.00	1/4	329.19	1/4	81.66	1/4		1/4		1/4		1/4	
1/2	1,333.10	1/2	1,078.89	1/2	826.84	1/2	575.76	1/2	323.95	1/2	76.42	1/2		1/2		1/2		1/2	
3/4	1,327.80	3/4	1,073.59	3/4	821.63	3/4	570.51	3/4	318.70	3/4	71.17	3/4		3/4		3/4		3/4	
4	1,322.51	4	1,068.30	4	816.42	4	565.26	4	313.46	4	65.92	4		4		4		4	
1/4	1,317.21	1/4	1,063.00	1/4	811.20	1/4	560.01	1/4	308.21	1/4	60.67	1/4		1/4		1/4		1/4	
1/2	1,311.92	1/2	1,057.71	1/2	805.99	1/2	554.77	1/2	302.97	1/2	55.43	1/2		1/2		1/2		1/2	
3/4	1,306.62	3/4	1,052.41	3/4	800.77	3/4	549.52	3/4	297.72	3/4	50.18	3/4		3/4		3/4		3/4	
5	1,301.32	5	1,047.11	5	795.56	5	544.28	5	292.47	5	44.94	5		5		5		5	
1/4	1,296.02	1/4	1,041.81	1/4	790.34	1/4	539.03	1/4	287.22	1/4	39.69	1/4		1/4		1/4		1/4	
1/2	1,290.73	1/2	1,036.52	1/2	785.13	1/2	533.79	1/2	281.98	1/2	35.28	1/2		1/2		1/2		1/2	
3/4	1,285.43	3/4	1,031.22	3/4	779.92	3/4	528.54	3/4	276.73	3/4	30.86	3/4		3/4		3/4		3/4	
6	1,280.14	6	1,025.93	6	774.71	6	523.30	6	271.49	6	26.45	6		6		6		6	
1/4	1,274.84	1/4	1,020.63	1/4	769.49	1/4	518.05	1/4	266.24	1/4	22.03	1/4		1/4		1/4		1/4	
1/2	1,269.55	1/2	1,015.34	1/2	764.28	1/2	512.81	1/2	261.00	1/2	18.88	1/2		1/2		1/2		1/2	
3/4	1,264.25	3/4	1,010.04	3/4	759.07	3/4	507.56	3/4	255.75	3/4	15.73	3/4		3/4		3/4		3/4	
7	1,258.95	7	1,004.74	7	753.86	7	502.31	7	250.51	7	12.58	7		7		7		7	
1/4	1,253.65	1/4	999.44	1/4	748.64	1/4	497.06	1/4	245.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,248.36	1/2	994.15	1/2	743.43	1/2	491.82	1/2	240.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,243.06	3/4	988.85	3/4	738.22	3/4	486.57	3/4	234.77	3/4		3/4		3/4		3/4		3/4	
8	1,237.77	8	983.56	8	733.01	8	481.33	8	229.52	8		8		8		8		8	
1/4	1,232.47	1/4	978.26	1/4	727.79	1/4	476.08	1/4	224.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,227.18	1/2	972.99	1/2	722.57	1/2	470.84	1/2	219.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,221.88	3/4	967.71	3/4	717.35	3/4	465.59	3/4	213.87	3/4		3/4		3/4		3/4		3/4	
9	1,216.59	9	962.44	9	712.13	9	460.35	9	208.67	9		9		9		9		9	
1/4	1,211.29	1/4	957.16	1/4	706.90	1/4	455.10	1/4	203.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,206.00	1/2	951.95	1/2	701.66	1/2	449.86	1/2	198.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,200.70	3/4	946.74	3/4	696.41	3/4	444.61	3/4	193.33	3/4		3/4		3/4		3/4		3/4	
10	1,195.40	10	941.53	10	691.17	10	439.36	10	188.26	10		10		10		10		10	
1/4	1,190.10	1/4	936.31	1/4	685.92	1/4	434.11	1/4	183.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,184.81	1/2	931.10	1/2	680.68	1/2	428.87	1/2	178.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,179.51	3/4	925.89	3/4	675.43	3/4	423.62	3/4	173.06	3/4		3/4		3/4		3/4		3/4	
11	1,174.22	11	920.68	11	670.18	11	418.38	11	167.99	11		11		11		11		11	
1/4	1,168.92	1/4	915.46	1/4	664.93	1/4	413.13	1/4	162.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,163.63	1/2	910.25	1/2	659.69	1/2	407.89	1/2	157.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,158.33	3/4	905.03	3/4	654.44	3/4	402.64	3/4	152.79	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
 RECALCULATED: 08/14/2018 SW
 REPRINTED: 08/14/2018 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2018

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



BARGE "HTCO 3064"

3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-07"

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	3,490.17	0	3,222.12	0	2,943.29	0	2,664.46	0	2,385.62	0	2,106.79	0	1,827.96
1/4		1/4		1/4		1/4	3,486.90	1/4	3,216.31	1/4	2,937.48	1/4	2,658.65	1/4	2,379.81	1/4	2,100.98	1/4	1,822.15
1/2		1/2		1/2		1/2	3,482.63	1/2	3,210.50	1/2	2,931.67	1/2	2,652.84	1/2	2,374.00	1/2	2,095.17	1/2	1,816.34
3/4		3/4		3/4		3/4	3,478.35	3/4	3,204.69	3/4	2,925.86	3/4	2,647.03	3/4	2,368.20	3/4	2,089.37	3/4	1,810.53
1		1		1		1	3,474.08	1	3,198.88	1	2,920.05	1	2,641.22	1	2,362.39	1	2,083.56	1	1,804.72
1/4		1/4		1/4		1/4	3,469.80	1/4	3,193.07	1/4	2,914.24	1/4	2,635.41	1/4	2,356.58	1/4	2,077.75	1/4	1,798.91
1/2		1/2		1/2		1/2	3,464.52	1/2	3,187.26	1/2	2,908.43	1/2	2,629.60	1/2	2,350.77	1/2	2,071.94	1/2	1,793.10
3/4		3/4		3/4		3/4	3,459.24	3/4	3,181.46	3/4	2,902.63	3/4	2,623.79	3/4	2,344.96	3/4	2,066.13	3/4	1,787.30
2		2		2		2	3,453.95	2	3,175.65	2	2,896.82	2	2,617.98	2	2,339.15	2	2,060.32	2	1,781.49
1/4		1/4		1/4		1/4	3,448.67	1/4	3,169.84	1/4	2,891.01	1/4	2,612.17	1/4	2,333.34	1/4	2,054.51	1/4	1,775.68
1/2		1/2		1/2		1/2	3,442.86	1/2	3,164.03	1/2	2,885.20	1/2	2,606.36	1/2	2,327.53	1/2	2,048.70	1/2	1,769.87
3/4		3/4		3/4		3/4	3,437.05	3/4	3,158.22	3/4	2,879.39	3/4	2,600.56	3/4	2,321.73	3/4	2,042.89	3/4	1,764.06
3		3		3		3	3,431.24	3	3,152.41	3	2,873.58	3	2,594.75	3	2,315.92	3	2,037.08	3	1,758.25
1/4		1/4		1/4		1/4	3,425.43	1/4	3,146.60	1/4	2,867.77	1/4	2,588.94	1/4	2,310.11	1/4	2,031.27	1/4	1,752.44
1/2		1/2		1/2		1/2	3,419.62	1/2	3,140.79	1/2	2,861.96	1/2	2,583.13	1/2	2,304.30	1/2	2,025.46	1/2	1,746.63
3/4		3/4		3/4		3/4	3,413.82	3/4	3,134.99	3/4	2,856.15	3/4	2,577.32	3/4	2,298.49	3/4	2,019.66	3/4	1,740.83
4		4		4		4	3,408.01	4	3,129.18	4	2,850.34	4	2,571.51	4	2,292.68	4	2,013.85	4	1,735.02
1/4		1/4		1/4		1/4	3,402.20	1/4	3,123.37	1/4	2,844.53	1/4	2,565.70	1/4	2,286.87	1/4	2,008.04	1/4	1,729.21
1/2		1/2		1/2		1/2	3,396.39	1/2	3,117.56	1/2	2,838.72	1/2	2,559.89	1/2	2,281.06	1/2	2,002.23	1/2	1,723.40
3/4		3/4		3/4		3/4	3,390.58	3/4	3,111.75	3/4	2,832.92	3/4	2,554.09	3/4	2,275.25	3/4	1,996.42	3/4	1,717.59
5		5		5		5	3,384.77	5	3,105.94	5	2,827.11	5	2,548.28	5	2,269.44	5	1,990.61	5	1,711.78
1/4		1/4		1/4		1/4	3,378.96	1/4	3,100.13	1/4	2,821.30	1/4	2,542.47	1/4	2,263.63	1/4	1,984.80	1/4	1,705.97
1/2		1/2		1/2		1/2	3,373.15	1/2	3,094.32	1/2	2,815.49	1/2	2,536.66	1/2	2,257.82	1/2	1,978.99	1/2	1,700.16
3/4		3/4		3/4		3/4	3,367.35	3/4	3,088.51	3/4	2,809.68	3/4	2,530.85	3/4	2,252.02	3/4	1,973.19	3/4	1,694.35
6		6		6		6	3,361.54	6	3,082.70	6	2,803.87	6	2,525.04	6	2,246.21	6	1,967.38	6	1,688.54
1/4		1/4		1/4		1/4	3,355.73	1/4	3,076.89	1/4	2,798.06	1/4	2,519.23	1/4	2,240.40	1/4	1,961.57	1/4	1,682.73
1/2		1/2		1/2		1/2	3,349.92	1/2	3,071.08	1/2	2,792.25	1/2	2,513.42	1/2	2,234.59	1/2	1,955.76	1/2	1,676.92
3/4		3/4		3/4		3/4	3,344.11	3/4	3,065.28	3/4	2,786.45	3/4	2,507.61	3/4	2,228.78	3/4	1,949.95	3/4	1,671.12
7		7		7		7	3,338.30	7	3,059.47	7	2,780.64	7	2,501.80	7	2,222.97	7	1,944.14	7	1,665.31
1/4		1/4		1/4		1/4	3,332.49	1/4	3,053.66	1/4	2,774.83	1/4	2,495.99	1/4	2,217.16	1/4	1,938.33	1/4	1,659.50
1/2		1/2		1/2		1/2	3,326.68	1/2	3,047.85	1/2	2,769.02	1/2	2,490.18	1/2	2,211.35	1/2	1,932.52	1/2	1,653.69
3/4		3/4		3/4		3/4	3,320.87	3/4	3,042.04	3/4	2,763.21	3/4	2,484.38	3/4	2,205.55	3/4	1,926.71	3/4	1,647.88
8		8		8		8	3,315.06	8	3,036.23	8	2,757.40	8	2,478.57	8	2,199.74	8	1,920.90	8	1,642.07
1/4		1/4		1/4		1/4	3,309.25	1/4	3,030.42	1/4	2,751.59	1/4	2,472.76	1/4	2,193.93	1/4	1,915.09	1/4	1,636.26
1/2		1/2		1/2		1/2	3,303.44	1/2	3,024.61	1/2	2,745.78	1/2	2,466.95	1/2	2,188.12	1/2	1,909.28	1/2	1,630.45
3/4		3/4		3/4		3/4	3,297.64	3/4	3,018.81	3/4	2,739.97	3/4	2,461.14	3/4	2,182.31	3/4	1,903.48	3/4	1,624.65
9		9		9		9	3,291.83	9	3,013.00	9	2,734.16	9	2,455.33	9	2,176.50	9	1,897.67	9	1,618.84
1/4		1/4		1/4		1/4	3,286.02	1/4	3,007.19	1/4	2,728.35	1/4	2,449.52	1/4	2,170.69	1/4	1,891.86	1/4	1,613.03
1/2		1/2		1/2		1/2	3,280.21	1/2	3,001.38	1/2	2,722.54	1/2	2,443.71	1/2	2,164.88	1/2	1,886.05	1/2	1,607.22
3/4		3/4		3/4		3/4	3,274.40	3/4	2,995.57	3/4	2,716.74	3/4	2,437.91	3/4	2,159.07	3/4	1,880.24	3/4	1,601.41
10		10		10		10	3,268.59	10	2,989.76	10	2,710.93	10	2,432.10	10	2,153.26	10	1,874.43	10	1,595.60
1/4		1/4		1/4		1/4	3,262.78	1/4	2,983.95	1/4	2,705.12	1/4	2,426.29	1/4	2,147.45	1/4	1,868.62	1/4	1,589.79
1/2		1/2		1/2		1/2	3,256.97	1/2	2,978.14	1/2	2,699.31	1/2	2,420.48	1/2	2,141.64	1/2	1,862.81	1/2	1,583.98
3/4		3/4		3/4		3/4	3,251.17	3/4	2,972.33	3/4	2,693.50	3/4	2,414.67	3/4	2,135.84	3/4	1,857.01	3/4	1,578.17
11		11		11		11	3,245.36	11	2,966.52	11	2,687.69	11	2,408.86	11	2,130.03	11	1,851.20	11	1,572.36
1/4		1/4		1/4		1/4	3,239.55	1/4	2,960.71	1/4	2,681.88	1/4	2,403.05	1/4	2,124.22	1/4	1,845.39	1/4	1,566.55
1/2		1/2		1/2		1/2	3,233.74	1/2	2,954.90	1/2	2,676.07	1/2	2,397.24	1/2	2,118.41	1/2	1,839.58	1/2	1,560.74
3/4		3/4		3/4		3/4	3,493.44	3/4	3,227.93	3/4	2,949.10	3/4	2,670.27	3/4	2,391.43	3/4	2,112.60	3/4	1,554.94

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "HTCO 3064"

**3 PORT
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 15'-07"**

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	1,549.13	0	1,270.30	0	992.20	0	715.85	0	438.17	0	162.85	0		0		0		0	
1/4	1,543.32	1/4	1,264.49	1/4	986.45	1/4	710.06	1/4	432.38	1/4	157.26	1/4		1/4		1/4		1/4	
1/2	1,537.51	1/2	1,258.68	1/2	980.70	1/2	704.28	1/2	426.60	1/2	151.67	1/2		1/2		1/2		1/2	
3/4	1,531.70	3/4	1,252.87	3/4	974.96	3/4	698.49	3/4	420.81	3/4	146.09	3/4		3/4		3/4		3/4	
1	1,525.89	1	1,247.06	1	969.21	1	692.71	1	415.03	1	140.50	1		1		1		1	
1/4	1,520.08	1/4	1,241.25	1/4	963.46	1/4	686.92	1/4	409.24	1/4	134.91	1/4		1/4		1/4		1/4	
1/2	1,514.27	1/2	1,235.44	1/2	957.71	1/2	681.14	1/2	403.46	1/2	129.32	1/2		1/2		1/2		1/2	
3/4	1,508.47	3/4	1,229.63	3/4	951.96	3/4	675.35	3/4	397.67	3/4	123.74	3/4		3/4		3/4		3/4	
2	1,502.66	2	1,223.82	2	946.21	2	669.57	2	391.89	2	118.15	2		2		2		2	
1/4	1,496.85	1/4	1,218.01	1/4	940.46	1/4	663.78	1/4	386.10	1/4	112.56	1/4		1/4		1/4		1/4	
1/2	1,491.04	1/2	1,212.20	1/2	934.71	1/2	658.00	1/2	380.32	1/2	106.92	1/2		1/2		1/2		1/2	
3/4	1,485.23	3/4	1,206.40	3/4	928.97	3/4	652.21	3/4	374.53	3/4	101.29	3/4		3/4		3/4		3/4	
3	1,479.42	3	1,200.59	3	923.22	3	646.43	3	368.75	3	95.65	3		3		3		3	
1/4	1,473.61	1/4	1,194.78	1/4	917.47	1/4	640.64	1/4	362.96	1/4	90.01	1/4		1/4		1/4		1/4	
1/2	1,467.80	1/2	1,188.97	1/2	911.72	1/2	634.86	1/2	357.18	1/2	84.23	1/2		1/2		1/2		1/2	
3/4	1,461.99	3/4	1,183.16	3/4	905.98	3/4	629.07	3/4	351.39	3/4	78.44	3/4		3/4		3/4		3/4	
4	1,456.18	4	1,177.35	4	900.23	4	623.29	4	345.61	4	72.66	4		4		4		4	
1/4	1,450.37	1/4	1,171.54	1/4	894.48	1/4	617.50	1/4	339.82	1/4	66.87	1/4		1/4		1/4		1/4	
1/2	1,444.56	1/2	1,165.73	1/2	888.73	1/2	611.72	1/2	334.04	1/2	61.09	1/2		1/2		1/2		1/2	
3/4	1,438.76	3/4	1,159.93	3/4	882.99	3/4	605.93	3/4	328.25	3/4	55.30	3/4		3/4		3/4		3/4	
5	1,432.95	5	1,154.12	5	877.24	5	600.15	5	322.47	5	49.52	5		5		5		5	
1/4	1,427.14	1/4	1,148.31	1/4	871.49	1/4	594.36	1/4	316.68	1/4	43.73	1/4		1/4		1/4		1/4	
1/2	1,421.33	1/2	1,142.50	1/2	865.74	1/2	588.58	1/2	310.90	1/2	38.86	1/2		1/2		1/2		1/2	
3/4	1,415.52	3/4	1,136.69	3/4	860.00	3/4	582.79	3/4	305.11	3/4	34.00	3/4		3/4		3/4		3/4	
6	1,409.71	6	1,130.88	6	854.25	6	577.01	6	299.33	6	29.13	6		6		6		6	
1/4	1,403.90	1/4	1,125.07	1/4	848.50	1/4	571.22	1/4	293.54	1/4	24.26	1/4		1/4		1/4		1/4	
1/2	1,398.09	1/2	1,119.26	1/2	842.75	1/2	565.44	1/2	287.76	1/2	20.79	1/2		1/2		1/2		1/2	
3/4	1,392.29	3/4	1,113.45	3/4	837.00	3/4	559.65	3/4	281.97	3/4	17.32	3/4		3/4		3/4		3/4	
7	1,386.48	7	1,107.64	7	831.25	7	553.87	7	276.19	7	13.84	7		7		7		7	
1/4	1,380.67	1/4	1,101.83	1/4	825.50	1/4	548.08	1/4	270.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,374.86	1/2	1,096.02	1/2	819.75	1/2	542.30	1/2	264.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,369.05	3/4	1,090.22	3/4	814.01	3/4	536.51	3/4	258.83	3/4		3/4		3/4		3/4		3/4	
8	1,363.24	8	1,084.41	8	808.26	8	530.73	8	253.05	8		8		8		8		8	
1/4	1,357.43	1/4	1,078.60	1/4	802.51	1/4	524.94	1/4	247.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,351.62	1/2	1,072.81	1/2	796.75	1/2	519.16	1/2	241.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,345.81	3/4	1,067.01	3/4	791.00	3/4	513.37	3/4	235.79	3/4		3/4		3/4		3/4		3/4	
9	1,340.00	9	1,061.22	9	785.24	9	507.59	9	230.06	9		9		9		9		9	
1/4	1,334.19	1/4	1,055.42	1/4	779.48	1/4	501.80	1/4	224.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,328.38	1/2	1,049.67	1/2	773.67	1/2	496.02	1/2	218.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,322.58	3/4	1,043.93	3/4	767.86	3/4	490.23	3/4	213.15	3/4		3/4		3/4		3/4		3/4	
10	1,316.77	10	1,038.18	10	762.05	10	484.45	10	207.56	10		10		10		10		10	
1/4	1,310.96	1/4	1,032.43	1/4	756.24	1/4	478.66	1/4	201.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,305.15	1/2	1,026.68	1/2	750.48	1/2	472.88	1/2	196.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,299.34	3/4	1,020.94	3/4	744.72	3/4	467.09	3/4	190.80	3/4		3/4		3/4		3/4		3/4	
11	1,293.53	11	1,015.19	11	738.96	11	461.31	11	185.21	11		11		11		11		11	
1/4	1,287.72	1/4	1,009.44	1/4	733.20	1/4	455.52	1/4	179.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,281.91	1/2	1,003.69	1/2	727.42	1/2	449.74	1/2	174.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,276.11	3/4	997.95	3/4	721.63	3/4	443.95	3/4	168.44	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 08/14/2018 SW
REPRINTED: 08/14/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "HTCO 3064"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-07"

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	3,490.17	0	3,222.12	0	2,943.29	0	2,664.46	0	2,385.62	0	2,106.79	0	1,827.96
1/4		1/4		1/4		1/4	3,486.90	1/4	3,216.31	1/4	2,937.48	1/4	2,658.65	1/4	2,379.81	1/4	2,100.98	1/4	1,822.15
1/2		1/2		1/2		1/2	3,482.63	1/2	3,210.50	1/2	2,931.67	1/2	2,652.84	1/2	2,374.00	1/2	2,095.17	1/2	1,816.34
3/4		3/4		3/4		3/4	3,478.35	3/4	3,204.69	3/4	2,925.86	3/4	2,647.03	3/4	2,368.20	3/4	2,089.37	3/4	1,810.53
1		1		1		1	3,474.08	1	3,198.88	1	2,920.05	1	2,641.22	1	2,362.39	1	2,083.56	1	1,804.72
1/4		1/4		1/4		1/4	3,469.80	1/4	3,193.07	1/4	2,914.24	1/4	2,635.41	1/4	2,356.58	1/4	2,077.75	1/4	1,798.91
1/2		1/2		1/2		1/2	3,464.52	1/2	3,187.26	1/2	2,908.43	1/2	2,629.60	1/2	2,350.77	1/2	2,071.94	1/2	1,793.10
3/4		3/4		3/4		3/4	3,459.24	3/4	3,181.46	3/4	2,902.63	3/4	2,623.79	3/4	2,344.96	3/4	2,066.13	3/4	1,787.30
2		2		2		2	3,453.95	2	3,175.65	2	2,896.82	2	2,617.98	2	2,339.15	2	2,060.32	2	1,781.49
1/4		1/4		1/4		1/4	3,448.67	1/4	3,169.84	1/4	2,891.01	1/4	2,612.17	1/4	2,333.34	1/4	2,054.51	1/4	1,775.68
1/2		1/2		1/2		1/2	3,442.86	1/2	3,164.03	1/2	2,885.20	1/2	2,606.36	1/2	2,327.53	1/2	2,048.70	1/2	1,769.87
3/4		3/4		3/4		3/4	3,437.05	3/4	3,158.22	3/4	2,879.39	3/4	2,600.56	3/4	2,321.73	3/4	2,042.89	3/4	1,764.06
3		3		3		3	3,431.24	3	3,152.41	3	2,873.58	3	2,594.75	3	2,315.92	3	2,037.08	3	1,758.25
1/4		1/4		1/4		1/4	3,425.43	1/4	3,146.60	1/4	2,867.77	1/4	2,588.94	1/4	2,310.11	1/4	2,031.27	1/4	1,752.44
1/2		1/2		1/2		1/2	3,419.62	1/2	3,140.79	1/2	2,861.96	1/2	2,583.13	1/2	2,304.30	1/2	2,025.46	1/2	1,746.63
3/4		3/4		3/4		3/4	3,413.82	3/4	3,134.99	3/4	2,856.15	3/4	2,577.32	3/4	2,298.49	3/4	2,019.66	3/4	1,740.83
4		4		4		4	3,408.01	4	3,129.18	4	2,850.34	4	2,571.51	4	2,292.68	4	2,013.85	4	1,735.02
1/4		1/4		1/4		1/4	3,402.20	1/4	3,123.37	1/4	2,844.53	1/4	2,565.70	1/4	2,286.87	1/4	2,008.04	1/4	1,729.21
1/2		1/2		1/2		1/2	3,396.39	1/2	3,117.56	1/2	2,838.72	1/2	2,559.89	1/2	2,281.06	1/2	2,002.23	1/2	1,723.40
3/4		3/4		3/4		3/4	3,390.58	3/4	3,111.75	3/4	2,832.92	3/4	2,554.09	3/4	2,275.25	3/4	1,996.42	3/4	1,717.59
5		5		5		5	3,384.77	5	3,105.94	5	2,827.11	5	2,548.28	5	2,269.44	5	1,990.61	5	1,711.78
1/4		1/4		1/4		1/4	3,378.96	1/4	3,100.13	1/4	2,821.30	1/4	2,542.47	1/4	2,263.63	1/4	1,984.80	1/4	1,705.97
1/2		1/2		1/2		1/2	3,373.15	1/2	3,094.32	1/2	2,815.49	1/2	2,536.66	1/2	2,257.82	1/2	1,978.99	1/2	1,700.16
3/4		3/4		3/4		3/4	3,367.35	3/4	3,088.51	3/4	2,809.68	3/4	2,530.85	3/4	2,252.02	3/4	1,973.19	3/4	1,694.35
6		6		6		6	3,361.54	6	3,082.70	6	2,803.87	6	2,525.04	6	2,246.21	6	1,967.38	6	1,688.54
1/4		1/4		1/4		1/4	3,355.73	1/4	3,076.89	1/4	2,798.06	1/4	2,519.23	1/4	2,240.40	1/4	1,961.57	1/4	1,682.73
1/2		1/2		1/2		1/2	3,349.92	1/2	3,071.08	1/2	2,792.25	1/2	2,513.42	1/2	2,234.59	1/2	1,955.76	1/2	1,676.92
3/4		3/4		3/4		3/4	3,344.11	3/4	3,065.28	3/4	2,786.45	3/4	2,507.61	3/4	2,228.78	3/4	1,949.95	3/4	1,671.12
7		7		7		7	3,338.30	7	3,059.47	7	2,780.64	7	2,501.80	7	2,222.97	7	1,944.14	7	1,665.31
1/4		1/4		1/4		1/4	3,332.49	1/4	3,053.66	1/4	2,774.83	1/4	2,495.99	1/4	2,217.16	1/4	1,938.33	1/4	1,659.50
1/2		1/2		1/2		1/2	3,326.68	1/2	3,047.85	1/2	2,769.02	1/2	2,490.18	1/2	2,211.35	1/2	1,932.52	1/2	1,653.69
3/4		3/4		3/4		3/4	3,320.87	3/4	3,042.04	3/4	2,763.21	3/4	2,484.38	3/4	2,205.55	3/4	1,926.71	3/4	1,647.88
8		8		8		8	3,315.06	8	3,036.23	8	2,757.40	8	2,478.57	8	2,199.74	8	1,920.90	8	1,642.07
1/4		1/4		1/4		1/4	3,309.25	1/4	3,030.42	1/4	2,751.59	1/4	2,472.76	1/4	2,193.93	1/4	1,915.09	1/4	1,636.26
1/2		1/2		1/2		1/2	3,303.44	1/2	3,024.61	1/2	2,745.78	1/2	2,466.95	1/2	2,188.12	1/2	1,909.28	1/2	1,630.45
3/4		3/4		3/4		3/4	3,297.64	3/4	3,018.81	3/4	2,739.97	3/4	2,461.14	3/4	2,182.31	3/4	1,903.48	3/4	1,624.65
9		9		9		9	3,291.83	9	3,013.00	9	2,734.16	9	2,455.33	9	2,176.50	9	1,897.67	9	1,618.84
1/4		1/4		1/4		1/4	3,286.02	1/4	3,007.19	1/4	2,728.35	1/4	2,449.52	1/4	2,170.69	1/4	1,891.86	1/4	1,613.03
1/2		1/2		1/2		1/2	3,280.21	1/2	3,001.38	1/2	2,722.54	1/2	2,443.71	1/2	2,164.88	1/2	1,886.05	1/2	1,607.22
3/4		3/4		3/4		3/4	3,274.40	3/4	2,995.57	3/4	2,716.74	3/4	2,437.91	3/4	2,159.07	3/4	1,880.24	3/4	1,601.41
10		10		10		10	3,268.59	10	2,989.76	10	2,710.93	10	2,432.10	10	2,153.26	10	1,874.43	10	1,595.60
1/4		1/4		1/4		1/4	3,262.78	1/4	2,983.95	1/4	2,705.12	1/4	2,426.29	1/4	2,147.45	1/4	1,868.62	1/4	1,589.79
1/2		1/2		1/2		1/2	3,256.97	1/2	2,978.14	1/2	2,699.31	1/2	2,420.48	1/2	2,141.64	1/2	1,862.81	1/2	1,583.98
3/4		3/4		3/4		3/4	3,251.17	3/4	2,972.33	3/4	2,693.50	3/4	2,414.67	3/4	2,135.84	3/4	1,857.01	3/4	1,578.17
11		11		11		11	3,245.36	11	2,966.52	11	2,687.69	11	2,408.86	11	2,130.03	11	1,851.20	11	1,572.36
1/4		1/4		1/4		1/4	3,239.55	1/4	2,960.71	1/4	2,681.88	1/4	2,403.05	1/4	2,124.22	1/4	1,845.39	1/4	1,566.55
1/2		1/2		1/2		1/2	3,233.74	1/2	2,954.90	1/2	2,676.07	1/2	2,397.24	1/2	2,118.41	1/2	1,839.58	1/2	1,560.74
3/4		3/4		3/4		3/4	3,493.44	3/4	3,227.93	3/4	2,949.10	3/4	2,670.27	3/4	2,391.43	3/4	2,112.60	3/4	1,833.77

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "HTCO 3064"

3 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 15'-07"

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	1,549.13	0	1,270.30	0	992.20	0	715.85	0	438.17	0	162.85	0		0		0		0	
1/4	1,543.32	1/4	1,264.49	1/4	986.45	1/4	710.06	1/4	432.38	1/4	157.26	1/4		1/4		1/4		1/4	
1/2	1,537.51	1/2	1,258.68	1/2	980.70	1/2	704.28	1/2	426.60	1/2	151.67	1/2		1/2		1/2		1/2	
3/4	1,531.70	3/4	1,252.87	3/4	974.96	3/4	698.49	3/4	420.81	3/4	146.09	3/4		3/4		3/4		3/4	
1	1,525.89	1	1,247.06	1	969.21	1	692.71	1	415.03	1	140.50	1		1		1		1	
1/4	1,520.08	1/4	1,241.25	1/4	963.46	1/4	686.92	1/4	409.24	1/4	134.91	1/4		1/4		1/4		1/4	
1/2	1,514.27	1/2	1,235.44	1/2	957.71	1/2	681.14	1/2	403.46	1/2	129.32	1/2		1/2		1/2		1/2	
3/4	1,508.47	3/4	1,229.63	3/4	951.96	3/4	675.35	3/4	397.67	3/4	123.74	3/4		3/4		3/4		3/4	
2	1,502.66	2	1,223.82	2	946.21	2	669.57	2	391.89	2	118.15	2		2		2		2	
1/4	1,496.85	1/4	1,218.01	1/4	940.46	1/4	663.78	1/4	386.10	1/4	112.56	1/4		1/4		1/4		1/4	
1/2	1,491.04	1/2	1,212.20	1/2	934.71	1/2	658.00	1/2	380.32	1/2	106.92	1/2		1/2		1/2		1/2	
3/4	1,485.23	3/4	1,206.40	3/4	928.97	3/4	652.21	3/4	374.53	3/4	101.29	3/4		3/4		3/4		3/4	
3	1,479.42	3	1,200.59	3	923.22	3	646.43	3	368.75	3	95.65	3		3		3		3	
1/4	1,473.61	1/4	1,194.78	1/4	917.47	1/4	640.64	1/4	362.96	1/4	90.01	1/4		1/4		1/4		1/4	
1/2	1,467.80	1/2	1,188.97	1/2	911.72	1/2	634.86	1/2	357.18	1/2	84.23	1/2		1/2		1/2		1/2	
3/4	1,461.99	3/4	1,183.16	3/4	905.98	3/4	629.07	3/4	351.39	3/4	78.44	3/4		3/4		3/4		3/4	
4	1,456.18	4	1,177.35	4	900.23	4	623.29	4	345.61	4	72.66	4		4		4		4	
1/4	1,450.37	1/4	1,171.54	1/4	894.48	1/4	617.50	1/4	339.82	1/4	66.87	1/4		1/4		1/4		1/4	
1/2	1,444.56	1/2	1,165.73	1/2	888.73	1/2	611.72	1/2	334.04	1/2	61.09	1/2		1/2		1/2		1/2	
3/4	1,438.76	3/4	1,159.93	3/4	882.99	3/4	605.93	3/4	328.25	3/4	55.30	3/4		3/4		3/4		3/4	
5	1,432.95	5	1,154.12	5	877.24	5	600.15	5	322.47	5	49.52	5		5		5		5	
1/4	1,427.14	1/4	1,148.31	1/4	871.49	1/4	594.36	1/4	316.68	1/4	43.73	1/4		1/4		1/4		1/4	
1/2	1,421.33	1/2	1,142.50	1/2	865.74	1/2	588.58	1/2	310.90	1/2	38.86	1/2		1/2		1/2		1/2	
3/4	1,415.52	3/4	1,136.69	3/4	860.00	3/4	582.79	3/4	305.11	3/4	34.00	3/4		3/4		3/4		3/4	
6	1,409.71	6	1,130.88	6	854.25	6	577.01	6	299.33	6	29.13	6		6		6		6	
1/4	1,403.90	1/4	1,125.07	1/4	848.50	1/4	571.22	1/4	293.54	1/4	24.26	1/4		1/4		1/4		1/4	
1/2	1,398.09	1/2	1,119.26	1/2	842.75	1/2	565.44	1/2	287.76	1/2	20.79	1/2		1/2		1/2		1/2	
3/4	1,392.29	3/4	1,113.45	3/4	837.00	3/4	559.65	3/4	281.97	3/4	17.32	3/4		3/4		3/4		3/4	
7	1,386.48	7	1,107.64	7	831.25	7	553.87	7	276.19	7	13.84	7		7		7		7	
1/4	1,380.67	1/4	1,101.83	1/4	825.50	1/4	548.08	1/4	270.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,374.86	1/2	1,096.02	1/2	819.75	1/2	542.30	1/2	264.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,369.05	3/4	1,090.22	3/4	814.01	3/4	536.51	3/4	258.83	3/4		3/4		3/4		3/4		3/4	
8	1,363.24	8	1,084.41	8	808.26	8	530.73	8	253.05	8		8		8		8		8	
1/4	1,357.43	1/4	1,078.60	1/4	802.51	1/4	524.94	1/4	247.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,351.62	1/2	1,072.81	1/2	796.75	1/2	519.16	1/2	241.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,345.81	3/4	1,067.01	3/4	791.00	3/4	513.37	3/4	235.79	3/4		3/4		3/4		3/4		3/4	
9	1,340.00	9	1,061.22	9	785.24	9	507.59	9	230.06	9		9		9		9		9	
1/4	1,334.19	1/4	1,055.42	1/4	779.48	1/4	501.80	1/4	224.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,328.38	1/2	1,049.67	1/2	773.67	1/2	496.02	1/2	218.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,322.58	3/4	1,043.93	3/4	767.86	3/4	490.23	3/4	213.15	3/4		3/4		3/4		3/4		3/4	
10	1,316.77	10	1,038.18	10	762.05	10	484.45	10	207.56	10		10		10		10		10	
1/4	1,310.96	1/4	1,032.43	1/4	756.24	1/4	478.66	1/4	201.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,305.15	1/2	1,026.68	1/2	750.48	1/2	472.88	1/2	196.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,299.34	3/4	1,020.94	3/4	744.72	3/4	467.09	3/4	190.80	3/4		3/4		3/4		3/4		3/4	
11	1,293.53	11	1,015.19	11	738.96	11	461.31	11	185.21	11		11		11		11		11	
1/4	1,287.72	1/4	1,009.44	1/4	733.20	1/4	455.52	1/4	179.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,281.91	1/2	1,003.69	1/2	727.42	1/2	449.74	1/2	174.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,276.11	3/4	997.95	3/4	721.63	3/4	443.95	3/4	168.44	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
 RECALCULATED: 08/14/2018 SW
 REPRINTED: 08/14/2018 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2018

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



BARGE "HTCO 3064"

4 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 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	3,151.07	0	3,053.95	0	2,915.37	0	2,638.54	0	2,361.20	0	2,083.86	0	1,806.51		
1/4		1/4		1/4		1/4	3,149.54	1/4	3,051.87	1/4	2,909.76	1/4	2,632.76	1/4	2,355.42	1/4	2,078.08	1/4	1,800.73		
1/2		1/2		1/2		1/2	3,148.00	1/2	3,049.80	1/2	2,904.16	1/2	2,626.99	1/2	2,349.65	1/2	2,072.31	1/2	1,794.96		
3/4		3/4		3/4		3/4	3,146.47	3/4	3,047.73	3/4	2,898.56	3/4	2,621.21	3/4	2,343.87	3/4	2,066.53	3/4	1,789.18		
1		1		1		1	3,144.58	1	3,045.66	1	2,892.78	1	2,615.43	1	2,338.09	1	2,060.75	1	1,783.40		
1/4		1/4		1/4		1/4	3,142.69	1/4	3,043.58	1/4	2,887.00	1/4	2,609.65	1/4	2,332.31	1/4	2,054.97	1/4	1,777.62		
1/2		1/2		1/2		1/2	3,140.79	1/2	3,041.51	1/2	2,881.22	1/2	2,603.88	1/2	2,326.54	1/2	2,049.19	1/2	1,771.85		
3/4		3/4		3/4		3/4	3,138.90	3/4	3,039.44	3/4	2,875.44	3/4	2,598.10	3/4	2,320.76	3/4	2,043.41	3/4	1,766.07		
2		2		2		2	3,136.83	2	3,037.37	2	2,869.66	2	2,592.32	2	2,314.98	2	2,037.63	2	1,760.29		
1/4		1/4		1/4		1/4	3,134.76	1/4	3,035.30	1/4	2,863.88	1/4	2,586.54	1/4	2,309.20	1/4	2,031.85	1/4	1,754.51		
1/2		1/2		1/2		1/2	3,132.68	1/2	3,033.23	1/2	2,858.11	1/2	2,580.77	1/2	2,303.42	1/2	2,026.08	1/2	1,748.74		
3/4		3/4		3/4		3/4	3,130.61	3/4	3,031.16	3/4	2,852.33	3/4	2,574.99	3/4	2,297.64	3/4	2,020.30	3/4	1,742.96		
3		3		3		3	3,128.54	3	3,029.09	3	2,846.55	3	2,569.21	3	2,291.86	3	2,014.52	3	1,737.18		
1/4		1/4		1/4		1/4	3,126.47	1/4	3,027.01	1/4	2,840.77	1/4	2,563.43	1/4	2,286.08	1/4	2,008.74	1/4	1,731.40		
1/2		1/2		1/2		1/2	3,124.39	1/2	3,024.94	1/2	2,835.00	1/2	2,557.66	1/2	2,280.31	1/2	2,002.97	1/2	1,725.63		
3/4		3/4		3/4		3/4	3,122.32	3/4	3,022.87	3/4	2,829.22	3/4	2,551.88	3/4	2,274.53	3/4	1,997.19	3/4	1,719.85		
4		4		4		4	3,120.25	4	3,020.80	4	2,823.44	4	2,546.10	4	2,268.75	4	1,991.41	4	1,714.07		
1/4		1/4		1/4		1/4	3,118.18	1/4	3,018.72	1/4	2,817.66	1/4	2,540.32	1/4	2,262.97	1/4	1,985.63	1/4	1,708.29		
1/2		1/2		1/2		1/2	3,116.11	1/2	3,016.65	1/2	2,811.89	1/2	2,534.54	1/2	2,257.20	1/2	1,979.86	1/2	1,702.51		
3/4		3/4		3/4		3/4	3,114.04	3/4	3,014.58	3/4	2,806.11	3/4	2,528.76	3/4	2,251.42	3/4	1,974.08	3/4	1,696.73		
5		5		5		5	3,111.97	5	3,012.51	5	2,800.33	5	2,522.98	5	2,245.64	5	1,968.30	5	1,690.95		
1/4		1/4		1/4		1/4	3,109.90	1/4	3,010.43	1/4	2,794.55	1/4	2,517.20	1/4	2,239.86	1/4	1,962.52	1/4	1,685.17		
1/2		1/2		1/2		1/2	3,107.82	1/2	3,008.36	1/2	2,788.78	1/2	2,511.43	1/2	2,234.09	1/2	1,956.75	1/2	1,679.40		
3/4		3/4		3/4		3/4	3,105.75	3/4	3,006.29	3/4	2,783.00	3/4	2,505.65	3/4	2,228.31	3/4	1,950.97	3/4	1,673.62		
6		6		6		6	3,103.68	6	3,004.16	6	2,777.22	6	2,499.87	6	2,222.53	6	1,945.19	6	1,667.84		
1/4		1/4		1/4		1/4	3,101.61	1/4	3,002.02	1/4	2,771.44	1/4	2,494.09	1/4	2,216.75	1/4	1,939.41	1/4	1,662.06		
1/2		1/2		1/2		1/2	3,099.53	1/2	2,999.89	1/2	2,765.66	1/2	2,488.32	1/2	2,210.98	1/2	1,933.63	1/2	1,656.29		
3/4		3/4		3/4		3/4	3,097.46	3/4	2,997.76	3/4	2,759.88	3/4	2,482.54	3/4	2,205.20	3/4	1,927.85	3/4	1,650.51		
7		7		7		7	3,095.39	7	2,995.17	7	2,754.10	7	2,476.76	7	2,199.42	7	1,922.07	7	1,644.73		
1/4		1/4		1/4		1/4	3,093.32	1/4	2,992.58	1/4	2,748.32	1/4	2,470.98	1/4	2,193.64	1/4	1,916.29	1/4	1,638.95		
1/2		1/2		1/2		1/2	3,091.24	1/2	2,989.99	1/2	2,742.55	1/2	2,465.21	1/2	2,187.87	1/2	1,910.52	1/2	1,633.18		
3/4		3/4		3/4		3/4	3,089.17	3/4	2,987.40	3/4	2,736.77	3/4	2,459.43	3/4	2,182.09	3/4	1,904.74	3/4	1,627.40		
8		8		8		8	3,087.10	8	2,984.21	8	2,730.99	8	2,453.65	8	2,176.31	8	1,898.96	8	1,621.62		
1/4		1/4		1/4		1/4	3,085.03	1/4	2,981.01	1/4	2,725.21	1/4	2,447.87	1/4	2,170.53	1/4	1,893.18	1/4	1,615.84		
1/2		1/2		1/2		1/2	3,082.95	1/2	2,977.82	1/2	2,719.44	1/2	2,442.10	1/2	2,164.75	1/2	1,887.41	1/2	1,610.07		
3/4		3/4		3/4		3/4	3,080.88	3/4	2,974.63	3/4	2,713.66	3/4	2,436.32	3/4	2,158.97	3/4	1,881.63	3/4	1,604.29		
9		9		9		9	3,078.81	9	2,970.80	9	2,707.88	9	2,430.54	9	2,153.19	9	1,875.85	9	1,598.51		
1/4		1/4		1/4		1/4	3,076.74	1/4	2,966.96	1/4	2,702.10	1/4	2,424.76	1/4	2,147.41	1/4	1,870.07	1/4	1,592.73		
1/2		1/2		1/2		1/2	3,074.67	1/2	2,963.13	1/2	2,696.33	1/2	2,418.98	1/2	2,141.64	1/2	1,864.30	1/2	1,586.95		
3/4		3/4		3/4		3/4	3,072.60	3/4	2,959.30	3/4	2,690.55	3/4	2,413.20	3/4	2,135.86	3/4	1,858.52	3/4	1,581.17		
10		10		10		10	3,070.53	10	2,954.83	10	2,684.77	10	2,407.42	10	2,130.08	10	1,852.74	10	1,575.39		
1/4		1/4		1/4		1/4	3,068.45	1/4	2,950.36	1/4	2,678.99	1/4	2,401.64	1/4	2,124.30	1/4	1,846.96	1/4	1,569.61		
1/2		1/2		1/2		1/2	3,066.38	1/2	2,945.89	1/2	2,673.22	1/2	2,395.87	1/2	2,118.53	1/2	1,841.19	1/2	1,563.84		
3/4		3/4		3/4		3/4	3,064.31	3/4	2,941.42	3/4	2,667.44	3/4	2,390.09	3/4	2,112.75	3/4	1,835.41	3/4	1,558.06		
11		11		11		11	3,062.24	11	2,936.31	11	2,661.66	11	2,384.31	11	2,106.97	11	1,829.63	11	1,552.28		
1/4		1/4		1/4		1/4	3,154.94	1/4	3,060.16	1/4	2,931.19	1/4	2,655.88	1/4	2,378.53	1/4	2,101.19	1/4	1,823.85	1/4	1,546.50
1/2		1/2		1/2		1/2	3,153.77	1/2	3,058.09	1/2	2,926.08	1/2	2,650.10	1/2	2,372.76	1/2	2,095.42	1/2	1,818.07	1/2	1,540.73
3/4		3/4		3/4		3/4	3,152.60	3/4	3,056.02	3/4	2,920.97	3/4	2,644.32	3/4	2,366.98	3/4	2,089.64	3/4	1,812.29	3/4	1,534.95

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3064"

4 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-06 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	1,529.17	0	1,251.83	0	975.35	0	700.49	0	424.45	0	150.93	0		0		0		0	
1/4	1,523.39	1/4	1,246.05	1/4	969.63	1/4	694.74	1/4	418.69	1/4	145.36	1/4		1/4		1/4		1/4	
1/2	1,517.62	1/2	1,240.27	1/2	963.92	1/2	688.99	1/2	412.94	1/2	139.79	1/2		1/2		1/2		1/2	
3/4	1,511.84	3/4	1,234.49	3/4	958.20	3/4	683.24	3/4	407.19	3/4	134.22	3/4		3/4		3/4		3/4	
1	1,506.06	1	1,228.71	1	952.48	1	677.49	1	401.44	1	128.65	1		1		1		1	
1/4	1,500.28	1/4	1,222.93	1/4	946.77	1/4	671.74	1/4	395.69	1/4	123.08	1/4		1/4		1/4		1/4	
1/2	1,494.51	1/2	1,217.16	1/2	941.05	1/2	665.99	1/2	389.94	1/2	117.51	1/2		1/2		1/2		1/2	
3/4	1,488.73	3/4	1,211.38	3/4	935.34	3/4	660.24	3/4	384.19	3/4	111.94	3/4		3/4		3/4		3/4	
2	1,482.95	2	1,205.60	2	929.62	2	654.49	2	378.44	2	106.32	2		2		2		2	
1/4	1,477.17	1/4	1,199.82	1/4	923.90	1/4	648.73	1/4	372.68	1/4	100.71	1/4		1/4		1/4		1/4	
1/2	1,471.39	1/2	1,194.05	1/2	918.19	1/2	642.98	1/2	366.93	1/2	95.09	1/2		1/2		1/2		1/2	
3/4	1,465.61	3/4	1,188.27	3/4	912.47	3/4	637.23	3/4	361.18	3/4	89.48	3/4		3/4		3/4		3/4	
3	1,459.83	3	1,182.49	3	906.75	3	631.48	3	355.43	3	83.73	3		3		3		3	
1/4	1,454.05	1/4	1,176.71	1/4	901.04	1/4	625.73	1/4	349.68	1/4	77.98	1/4		1/4		1/4		1/4	
1/2	1,448.28	1/2	1,170.94	1/2	895.32	1/2	619.98	1/2	343.93	1/2	72.23	1/2		1/2		1/2		1/2	
3/4	1,442.50	3/4	1,165.16	3/4	889.61	3/4	614.23	3/4	338.18	3/4	66.48	3/4		3/4		3/4		3/4	
4	1,436.72	4	1,159.38	4	883.89	4	608.48	4	332.43	4	60.73	4		4		4		4	
1/4	1,430.94	1/4	1,153.60	1/4	878.18	1/4	602.72	1/4	326.68	1/4	54.97	1/4		1/4		1/4		1/4	
1/2	1,425.17	1/2	1,147.83	1/2	872.46	1/2	596.97	1/2	320.93	1/2	49.22	1/2		1/2		1/2		1/2	
3/4	1,419.39	3/4	1,142.05	3/4	866.75	3/4	591.22	3/4	315.18	3/4	43.47	3/4		3/4		3/4		3/4	
5	1,413.61	5	1,136.27	5	861.03	5	585.47	5	309.43	5	38.63	5		5		5		5	
1/4	1,407.83	1/4	1,130.49	1/4	855.31	1/4	579.72	1/4	303.67	1/4	33.79	1/4		1/4		1/4		1/4	
1/2	1,402.06	1/2	1,124.71	1/2	849.60	1/2	573.97	1/2	297.92	1/2	28.95	1/2		1/2		1/2		1/2	
3/4	1,396.28	3/4	1,118.93	3/4	843.88	3/4	568.22	3/4	292.17	3/4	24.11	3/4		3/4		3/4		3/4	
6	1,390.50	6	1,113.15	6	838.16	6	562.47	6	286.42	6	20.66	6		6		6		6	
1/4	1,384.72	1/4	1,107.37	1/4	832.45	1/4	556.72	1/4	280.67	1/4	17.21	1/4		1/4		1/4		1/4	
1/2	1,378.95	1/2	1,101.60	1/2	826.73	1/2	550.97	1/2	274.92	1/2	13.76	1/2		1/2		1/2		1/2	
3/4	1,373.17	3/4	1,095.82	3/4	821.02	3/4	545.22	3/4	269.17	3/4		3/4		3/4		3/4		3/4	
7	1,367.39	7	1,090.04	7	815.30	7	539.47	7	263.42	7		7		7		7		7	
1/4	1,361.61	1/4	1,084.26	1/4	809.58	1/4	533.71	1/4	257.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,355.83	1/2	1,078.49	1/2	803.87	1/2	527.96	1/2	251.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,350.05	3/4	1,072.71	3/4	798.15	3/4	522.21	3/4	246.16	3/4		3/4		3/4		3/4		3/4	
8	1,344.27	8	1,066.95	8	792.43	8	516.46	8	240.45	8		8		8		8		8	
1/4	1,338.49	1/4	1,061.18	1/4	786.70	1/4	510.71	1/4	234.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,332.72	1/2	1,055.42	1/2	780.98	1/2	504.96	1/2	229.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,326.94	3/4	1,049.66	3/4	775.26	3/4	499.21	3/4	223.34	3/4		3/4		3/4		3/4		3/4	
9	1,321.16	9	1,043.94	9	769.51	9	493.46	9	217.77	9		9		9		9		9	
1/4	1,315.38	1/4	1,038.23	1/4	763.75	1/4	487.70	1/4	212.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,309.61	1/2	1,032.51	1/2	758.00	1/2	481.95	1/2	206.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,303.83	3/4	1,026.80	3/4	752.25	3/4	476.20	3/4	201.06	3/4		3/4		3/4		3/4		3/4	
10	1,298.05	10	1,021.08	10	746.50	10	470.45	10	195.49	10		10		10		10		10	
1/4	1,292.27	1/4	1,015.36	1/4	740.75	1/4	464.70	1/4	189.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,286.50	1/2	1,009.65	1/2	735.00	1/2	458.95	1/2	184.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,280.72	3/4	1,003.93	3/4	729.25	3/4	453.20	3/4	178.78	3/4		3/4		3/4		3/4		3/4	
11	1,274.94	11	998.21	11	723.50	11	447.45	11	173.21	11		11		11		11		11	
1/4	1,269.16	1/4	992.50	1/4	717.74	1/4	441.70	1/4	167.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,263.39	1/2	986.78	1/2	711.99	1/2	435.95	1/2	162.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,257.61	3/4	981.07	3/4	706.24	3/4	430.20	3/4	156.50	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 08/14/2018 SW
REPRINTED: 08/14/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

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



BARGE "HTCO 3064"

4 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 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	3,151.07	0	3,053.95	0	2,915.37	0	2,638.54	0	2,361.20	0	2,083.86	0	1,806.51		
1/4		1/4		1/4		1/4	3,149.54	1/4	3,051.87	1/4	2,909.76	1/4	2,632.76	1/4	2,355.42	1/4	2,078.08	1/4	1,800.73		
1/2		1/2		1/2		1/2	3,148.00	1/2	3,049.80	1/2	2,904.16	1/2	2,626.99	1/2	2,349.65	1/2	2,072.31	1/2	1,794.96		
3/4		3/4		3/4		3/4	3,146.47	3/4	3,047.73	3/4	2,898.56	3/4	2,621.21	3/4	2,343.87	3/4	2,066.53	3/4	1,789.18		
1		1		1		1	3,144.58	1	3,045.66	1	2,892.78	1	2,615.43	1	2,338.09	1	2,060.75	1	1,783.40		
1/4		1/4		1/4		1/4	3,142.69	1/4	3,043.58	1/4	2,887.00	1/4	2,609.65	1/4	2,332.31	1/4	2,054.97	1/4	1,777.62		
1/2		1/2		1/2		1/2	3,140.79	1/2	3,041.51	1/2	2,881.22	1/2	2,603.88	1/2	2,326.54	1/2	2,049.19	1/2	1,771.85		
3/4		3/4		3/4		3/4	3,138.90	3/4	3,039.44	3/4	2,875.44	3/4	2,598.10	3/4	2,320.76	3/4	2,043.41	3/4	1,766.07		
2		2		2		2	3,136.83	2	3,037.37	2	2,869.66	2	2,592.32	2	2,314.98	2	2,037.63	2	1,760.29		
1/4		1/4		1/4		1/4	3,134.76	1/4	3,035.30	1/4	2,863.88	1/4	2,586.54	1/4	2,309.20	1/4	2,031.85	1/4	1,754.51		
1/2		1/2		1/2		1/2	3,132.68	1/2	3,033.23	1/2	2,858.11	1/2	2,580.77	1/2	2,303.42	1/2	2,026.08	1/2	1,748.74		
3/4		3/4		3/4		3/4	3,130.61	3/4	3,031.16	3/4	2,852.33	3/4	2,574.99	3/4	2,297.64	3/4	2,020.30	3/4	1,742.96		
3		3		3		3	3,128.54	3	3,029.09	3	2,846.55	3	2,569.21	3	2,291.86	3	2,014.52	3	1,737.18		
1/4		1/4		1/4		1/4	3,126.47	1/4	3,027.01	1/4	2,840.77	1/4	2,563.43	1/4	2,286.08	1/4	2,008.74	1/4	1,731.40		
1/2		1/2		1/2		1/2	3,124.39	1/2	3,024.94	1/2	2,835.00	1/2	2,557.66	1/2	2,280.31	1/2	2,002.97	1/2	1,725.63		
3/4		3/4		3/4		3/4	3,122.32	3/4	3,022.87	3/4	2,829.22	3/4	2,551.88	3/4	2,274.53	3/4	1,997.19	3/4	1,719.85		
4		4		4		4	3,120.25	4	3,020.80	4	2,823.44	4	2,546.10	4	2,268.75	4	1,991.41	4	1,714.07		
1/4		1/4		1/4		1/4	3,118.18	1/4	3,018.72	1/4	2,817.66	1/4	2,540.32	1/4	2,262.97	1/4	1,985.63	1/4	1,708.29		
1/2		1/2		1/2		1/2	3,116.11	1/2	3,016.65	1/2	2,811.89	1/2	2,534.54	1/2	2,257.20	1/2	1,979.86	1/2	1,702.51		
3/4		3/4		3/4		3/4	3,114.04	3/4	3,014.58	3/4	2,806.11	3/4	2,528.76	3/4	2,251.42	3/4	1,974.08	3/4	1,696.73		
5		5		5		5	3,111.97	5	3,012.51	5	2,800.33	5	2,522.98	5	2,245.64	5	1,968.30	5	1,690.95		
1/4		1/4		1/4		1/4	3,109.90	1/4	3,010.43	1/4	2,794.55	1/4	2,517.20	1/4	2,239.86	1/4	1,962.52	1/4	1,685.17		
1/2		1/2		1/2		1/2	3,107.82	1/2	3,008.36	1/2	2,788.78	1/2	2,511.43	1/2	2,234.09	1/2	1,956.75	1/2	1,679.40		
3/4		3/4		3/4		3/4	3,105.75	3/4	3,006.29	3/4	2,783.00	3/4	2,505.65	3/4	2,228.31	3/4	1,950.97	3/4	1,673.62		
6		6		6		6	3,103.68	6	3,004.16	6	2,777.22	6	2,499.87	6	2,222.53	6	1,945.19	6	1,667.84		
1/4		1/4		1/4		1/4	3,101.61	1/4	3,002.02	1/4	2,771.44	1/4	2,494.09	1/4	2,216.75	1/4	1,939.41	1/4	1,662.06		
1/2		1/2		1/2		1/2	3,099.53	1/2	2,999.89	1/2	2,765.66	1/2	2,488.32	1/2	2,210.98	1/2	1,933.63	1/2	1,656.29		
3/4		3/4		3/4		3/4	3,097.46	3/4	2,997.76	3/4	2,759.88	3/4	2,482.54	3/4	2,205.20	3/4	1,927.85	3/4	1,650.51		
7		7		7		7	3,095.39	7	2,995.17	7	2,754.10	7	2,476.76	7	2,199.42	7	1,922.07	7	1,644.73		
1/4		1/4		1/4		1/4	3,093.32	1/4	2,992.58	1/4	2,748.32	1/4	2,470.98	1/4	2,193.64	1/4	1,916.29	1/4	1,638.95		
1/2		1/2		1/2		1/2	3,091.24	1/2	2,989.99	1/2	2,742.55	1/2	2,465.21	1/2	2,187.87	1/2	1,910.52	1/2	1,633.18		
3/4		3/4		3/4		3/4	3,089.17	3/4	2,987.40	3/4	2,736.77	3/4	2,459.43	3/4	2,182.09	3/4	1,904.74	3/4	1,627.40		
8		8		8		8	3,087.10	8	2,984.21	8	2,730.99	8	2,453.65	8	2,176.31	8	1,898.96	8	1,621.62		
1/4		1/4		1/4		1/4	3,085.03	1/4	2,981.01	1/4	2,725.21	1/4	2,447.87	1/4	2,170.53	1/4	1,893.18	1/4	1,615.84		
1/2		1/2		1/2		1/2	3,082.95	1/2	2,977.82	1/2	2,719.44	1/2	2,442.10	1/2	2,164.75	1/2	1,887.41	1/2	1,610.07		
3/4		3/4		3/4		3/4	3,080.88	3/4	2,974.63	3/4	2,713.66	3/4	2,436.32	3/4	2,158.97	3/4	1,881.63	3/4	1,604.29		
9		9		9		9	3,078.81	9	2,970.80	9	2,707.88	9	2,430.54	9	2,153.19	9	1,875.85	9	1,598.51		
1/4		1/4		1/4		1/4	3,076.74	1/4	2,966.96	1/4	2,702.10	1/4	2,424.76	1/4	2,147.41	1/4	1,870.07	1/4	1,592.73		
1/2		1/2		1/2		1/2	3,074.67	1/2	2,963.13	1/2	2,696.33	1/2	2,418.98	1/2	2,141.64	1/2	1,864.30	1/2	1,586.95		
3/4		3/4		3/4		3/4	3,072.60	3/4	2,959.30	3/4	2,690.55	3/4	2,413.20	3/4	2,135.86	3/4	1,858.52	3/4	1,581.17		
10		10		10		10	3,070.53	10	2,954.83	10	2,684.77	10	2,407.42	10	2,130.08	10	1,852.74	10	1,575.39		
1/4		1/4		1/4		1/4	3,068.45	1/4	2,950.36	1/4	2,678.99	1/4	2,401.64	1/4	2,124.30	1/4	1,846.96	1/4	1,569.61		
1/2		1/2		1/2		1/2	3,066.38	1/2	2,945.89	1/2	2,673.22	1/2	2,395.87	1/2	2,118.53	1/2	1,841.19	1/2	1,563.84		
3/4		3/4		3/4		3/4	3,064.31	3/4	2,941.42	3/4	2,667.44	3/4	2,390.09	3/4	2,112.75	3/4	1,835.41	3/4	1,558.06		
11		11		11		11	3,062.24	11	2,936.31	11	2,661.66	11	2,384.31	11	2,106.97	11	1,829.63	11	1,552.28		
1/4		1/4		1/4		1/4	3,154.94	1/4	3,060.16	1/4	2,931.19	1/4	2,655.88	1/4	2,378.53	1/4	2,101.19	1/4	1,823.85	1/4	1,546.50
1/2		1/2		1/2		1/2	3,153.77	1/2	3,058.09	1/2	2,926.08	1/2	2,650.10	1/2	2,372.76	1/2	2,095.42	1/2	1,818.07	1/2	1,540.73
3/4		3/4		3/4		3/4	3,152.60	3/4	3,056.02	3/4	2,920.97	3/4	2,644.32	3/4	2,366.98	3/4	2,089.64	3/4	1,812.29	3/4	1,534.95

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

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





BARGE "HTCO 3064"

4 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 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	1,529.17	0	1,251.83	0	975.35	0	700.49	0	424.45	0	150.93	0		0		0		0	
1/4	1,523.39	1/4	1,246.05	1/4	969.63	1/4	694.74	1/4	418.69	1/4	145.36	1/4		1/4		1/4		1/4	
1/2	1,517.62	1/2	1,240.27	1/2	963.92	1/2	688.99	1/2	412.94	1/2	139.79	1/2		1/2		1/2		1/2	
3/4	1,511.84	3/4	1,234.49	3/4	958.20	3/4	683.24	3/4	407.19	3/4	134.22	3/4		3/4		3/4		3/4	
1	1,506.06	1	1,228.71	1	952.48	1	677.49	1	401.44	1	128.65	1		1		1		1	
1/4	1,500.28	1/4	1,222.93	1/4	946.77	1/4	671.74	1/4	395.69	1/4	123.08	1/4		1/4		1/4		1/4	
1/2	1,494.51	1/2	1,217.16	1/2	941.05	1/2	665.99	1/2	389.94	1/2	117.51	1/2		1/2		1/2		1/2	
3/4	1,488.73	3/4	1,211.38	3/4	935.34	3/4	660.24	3/4	384.19	3/4	111.94	3/4		3/4		3/4		3/4	
2	1,482.95	2	1,205.60	2	929.62	2	654.49	2	378.44	2	106.32	2		2		2		2	
1/4	1,477.17	1/4	1,199.82	1/4	923.90	1/4	648.73	1/4	372.68	1/4	100.71	1/4		1/4		1/4		1/4	
1/2	1,471.39	1/2	1,194.05	1/2	918.19	1/2	642.98	1/2	366.93	1/2	95.09	1/2		1/2		1/2		1/2	
3/4	1,465.61	3/4	1,188.27	3/4	912.47	3/4	637.23	3/4	361.18	3/4	89.48	3/4		3/4		3/4		3/4	
3	1,459.83	3	1,182.49	3	906.75	3	631.48	3	355.43	3	83.73	3		3		3		3	
1/4	1,454.05	1/4	1,176.71	1/4	901.04	1/4	625.73	1/4	349.68	1/4	77.98	1/4		1/4		1/4		1/4	
1/2	1,448.28	1/2	1,170.94	1/2	895.32	1/2	619.98	1/2	343.93	1/2	72.23	1/2		1/2		1/2		1/2	
3/4	1,442.50	3/4	1,165.16	3/4	889.61	3/4	614.23	3/4	338.18	3/4	66.48	3/4		3/4		3/4		3/4	
4	1,436.72	4	1,159.38	4	883.89	4	608.48	4	332.43	4	60.73	4		4		4		4	
1/4	1,430.94	1/4	1,153.60	1/4	878.18	1/4	602.72	1/4	326.68	1/4	54.97	1/4		1/4		1/4		1/4	
1/2	1,425.17	1/2	1,147.83	1/2	872.46	1/2	596.97	1/2	320.93	1/2	49.22	1/2		1/2		1/2		1/2	
3/4	1,419.39	3/4	1,142.05	3/4	866.75	3/4	591.22	3/4	315.18	3/4	43.47	3/4		3/4		3/4		3/4	
5	1,413.61	5	1,136.27	5	861.03	5	585.47	5	309.43	5	38.63	5		5		5		5	
1/4	1,407.83	1/4	1,130.49	1/4	855.31	1/4	579.72	1/4	303.67	1/4	33.79	1/4		1/4		1/4		1/4	
1/2	1,402.06	1/2	1,124.71	1/2	849.60	1/2	573.97	1/2	297.92	1/2	28.95	1/2		1/2		1/2		1/2	
3/4	1,396.28	3/4	1,118.93	3/4	843.88	3/4	568.22	3/4	292.17	3/4	24.11	3/4		3/4		3/4		3/4	
6	1,390.50	6	1,113.15	6	838.16	6	562.47	6	286.42	6	20.66	6		6		6		6	
1/4	1,384.72	1/4	1,107.37	1/4	832.45	1/4	556.72	1/4	280.67	1/4	17.21	1/4		1/4		1/4		1/4	
1/2	1,378.95	1/2	1,101.60	1/2	826.73	1/2	550.97	1/2	274.92	1/2	13.76	1/2		1/2		1/2		1/2	
3/4	1,373.17	3/4	1,095.82	3/4	821.02	3/4	545.22	3/4	269.17	3/4		3/4		3/4		3/4		3/4	
7	1,367.39	7	1,090.04	7	815.30	7	539.47	7	263.42	7		7		7		7		7	
1/4	1,361.61	1/4	1,084.26	1/4	809.58	1/4	533.71	1/4	257.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,355.83	1/2	1,078.49	1/2	803.87	1/2	527.96	1/2	251.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,350.05	3/4	1,072.71	3/4	798.15	3/4	522.21	3/4	246.16	3/4		3/4		3/4		3/4		3/4	
8	1,344.27	8	1,066.95	8	792.43	8	516.46	8	240.45	8		8		8		8		8	
1/4	1,338.49	1/4	1,061.18	1/4	786.70	1/4	510.71	1/4	234.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,332.72	1/2	1,055.42	1/2	780.98	1/2	504.96	1/2	229.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,326.94	3/4	1,049.66	3/4	775.26	3/4	499.21	3/4	223.34	3/4		3/4		3/4		3/4		3/4	
9	1,321.16	9	1,043.94	9	769.51	9	493.46	9	217.77	9		9		9		9		9	
1/4	1,315.38	1/4	1,038.23	1/4	763.75	1/4	487.70	1/4	212.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,309.61	1/2	1,032.51	1/2	758.00	1/2	481.95	1/2	206.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,303.83	3/4	1,026.80	3/4	752.25	3/4	476.20	3/4	201.06	3/4		3/4		3/4		3/4		3/4	
10	1,298.05	10	1,021.08	10	746.50	10	470.45	10	195.49	10		10		10		10		10	
1/4	1,292.27	1/4	1,015.36	1/4	740.75	1/4	464.70	1/4	189.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,286.50	1/2	1,009.65	1/2	735.00	1/2	458.95	1/2	184.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,280.72	3/4	1,003.93	3/4	729.25	3/4	453.20	3/4	178.78	3/4		3/4		3/4		3/4		3/4	
11	1,274.94	11	998.21	11	723.50	11	447.45	11	173.21	11		11		11		11		11	
1/4	1,269.16	1/4	992.50	1/4	717.74	1/4	441.70	1/4	167.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,263.39	1/2	986.78	1/2	711.99	1/2	435.95	1/2	162.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,257.61	3/4	981.07	3/4	706.24	3/4	430.20	3/4	156.50	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 RECALCULATED: 08/14/2018 SW
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CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2018

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