



# BARGE "HTCO 3065"

## 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 15, 2018

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

<http://www.pmacorp.net>



# BARGE "HTCO 3065"

## 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	3,186.39	0	2,944.60	0	2,691.16	0	2,437.72	0	2,184.28	0	1,930.84	0	1,677.40
1/4		1/4		1/4		1/4	3,183.39	1/4	2,939.32	1/4	2,685.88	1/4	2,432.44	1/4	2,179.00	1/4	1,925.56	1/4	1,672.12
1/2		1/2		1/2		1/2	3,180.38	1/2	2,934.04	1/2	2,680.60	1/2	2,427.16	1/2	2,173.72	1/2	1,920.28	1/2	1,666.84
3/4		3/4		3/4		3/4	3,176.45	3/4	2,928.76	3/4	2,675.32	3/4	2,421.88	3/4	2,168.44	3/4	1,915.00	3/4	1,661.56
1		1		1		1	3,172.52	1	2,923.48	1	2,670.04	1	2,416.60	1	2,163.16	1	1,909.72	1	1,656.28
1/4		1/4		1/4		1/4	3,168.59	1/4	2,918.20	1/4	2,664.76	1/4	2,411.32	1/4	2,157.88	1/4	1,904.44	1/4	1,651.00
1/2		1/2		1/2		1/2	3,164.66	1/2	2,912.92	1/2	2,659.48	1/2	2,406.04	1/2	2,152.60	1/2	1,899.16	1/2	1,645.72
3/4		3/4		3/4		3/4	3,159.81	3/4	2,907.64	3/4	2,654.20	3/4	2,400.76	3/4	2,147.32	3/4	1,893.88	3/4	1,640.44
2		2		2		2	3,154.95	2	2,902.36	2	2,648.92	2	2,395.48	2	2,142.04	2	1,888.60	2	1,635.16
1/4		1/4		1/4		1/4	3,150.10	1/4	2,897.08	1/4	2,643.64	1/4	2,390.20	1/4	2,136.76	1/4	1,883.32	1/4	1,629.88
1/2		1/2		1/2		1/2	3,145.24	1/2	2,891.80	1/2	2,638.36	1/2	2,384.92	1/2	2,131.48	1/2	1,878.04	1/2	1,624.60
3/4		3/4		3/4		3/4	3,139.96	3/4	2,886.52	3/4	2,633.08	3/4	2,379.64	3/4	2,126.20	3/4	1,872.76	3/4	1,619.32
3		3		3		3	3,134.68	3	2,881.24	3	2,627.80	3	2,374.36	3	2,120.92	3	1,867.48	3	1,614.04
1/4		1/4		1/4		1/4	3,129.40	1/4	2,875.96	1/4	2,622.52	1/4	2,369.08	1/4	2,115.64	1/4	1,862.20	1/4	1,608.76
1/2		1/2		1/2		1/2	3,124.12	1/2	2,870.68	1/2	2,617.24	1/2	2,363.80	1/2	2,110.36	1/2	1,856.92	1/2	1,603.48
3/4		3/4		3/4		3/4	3,118.84	3/4	2,865.40	3/4	2,611.96	3/4	2,358.52	3/4	2,105.08	3/4	1,851.64	3/4	1,598.20
4		4		4		4	3,113.56	4	2,860.12	4	2,606.68	4	2,353.24	4	2,099.80	4	1,846.36	4	1,592.92
1/4		1/4		1/4		1/4	3,108.28	1/4	2,854.84	1/4	2,601.40	1/4	2,347.96	1/4	2,094.52	1/4	1,841.08	1/4	1,587.64
1/2		1/2		1/2		1/2	3,103.00	1/2	2,849.56	1/2	2,596.12	1/2	2,342.68	1/2	2,089.24	1/2	1,835.80	1/2	1,582.36
3/4		3/4		3/4		3/4	3,097.72	3/4	2,844.28	3/4	2,590.84	3/4	2,337.40	3/4	2,083.96	3/4	1,830.52	3/4	1,577.08
5		5		5		5	3,092.44	5	2,839.00	5	2,585.56	5	2,332.12	5	2,078.68	5	1,825.24	5	1,571.80
1/4		1/4		1/4		1/4	3,087.16	1/4	2,833.72	1/4	2,580.28	1/4	2,326.84	1/4	2,073.40	1/4	1,819.96	1/4	1,566.52
1/2		1/2		1/2		1/2	3,081.88	1/2	2,828.44	1/2	2,575.00	1/2	2,321.56	1/2	2,068.12	1/2	1,814.68	1/2	1,561.24
3/4		3/4		3/4		3/4	3,076.60	3/4	2,823.16	3/4	2,569.72	3/4	2,316.28	3/4	2,062.84	3/4	1,809.40	3/4	1,555.96
6		6		6		6	3,071.32	6	2,817.88	6	2,564.44	6	2,311.00	6	2,057.56	6	1,804.12	6	1,550.68
1/4		1/4		1/4		1/4	3,066.04	1/4	2,812.60	1/4	2,559.16	1/4	2,305.72	1/4	2,052.28	1/4	1,798.84	1/4	1,545.40
1/2		1/2		1/2		1/2	3,060.76	1/2	2,807.32	1/2	2,553.88	1/2	2,300.44	1/2	2,047.00	1/2	1,793.56	1/2	1,540.12
3/4		3/4		3/4		3/4	3,055.48	3/4	2,802.04	3/4	2,548.60	3/4	2,295.16	3/4	2,041.72	3/4	1,788.28	3/4	1,534.84
7		7		7		7	3,050.20	7	2,796.76	7	2,543.32	7	2,289.88	7	2,036.44	7	1,783.00	7	1,529.56
1/4		1/4		1/4		1/4	3,044.92	1/4	2,791.48	1/4	2,538.04	1/4	2,284.60	1/4	2,031.16	1/4	1,777.72	1/4	1,524.28
1/2		1/2		1/2		1/2	3,039.64	1/2	2,786.20	1/2	2,532.76	1/2	2,279.32	1/2	2,025.88	1/2	1,772.44	1/2	1,519.00
3/4		3/4		3/4		3/4	3,034.36	3/4	2,780.92	3/4	2,527.48	3/4	2,274.04	3/4	2,020.60	3/4	1,767.16	3/4	1,513.72
8		8		8		8	3,029.08	8	2,775.64	8	2,522.20	8	2,268.76	8	2,015.32	8	1,761.88	8	1,508.44
1/4		1/4		1/4		1/4	3,023.80	1/4	2,770.36	1/4	2,516.92	1/4	2,263.48	1/4	2,010.04	1/4	1,756.60	1/4	1,503.16
1/2		1/2		1/2		1/2	3,018.52	1/2	2,765.08	1/2	2,511.64	1/2	2,258.20	1/2	2,004.76	1/2	1,751.32	1/2	1,497.88
3/4		3/4		3/4		3/4	3,013.24	3/4	2,759.80	3/4	2,506.36	3/4	2,252.92	3/4	1,999.48	3/4	1,746.04	3/4	1,492.60
9		9		9		9	3,007.96	9	2,754.52	9	2,501.13	9	2,247.64	9	1,994.20	9	1,740.76	9	1,487.32
1/4		1/4		1/4		1/4	3,002.68	1/4	2,749.24	1/4	2,495.87	1/4	2,242.36	1/4	1,988.92	1/4	1,735.48	1/4	1,482.04
1/2		1/2		1/2		1/2	2,997.40	1/2	2,743.96	1/2	2,490.62	1/2	2,237.08	1/2	1,983.64	1/2	1,730.20	1/2	1,476.76
3/4		3/4		3/4		3/4	2,992.12	3/4	2,738.68	3/4	2,485.31	3/4	2,231.80	3/4	1,978.38	3/4	1,724.92	3/4	1,471.48
10		10		10		10	2,986.84	10	2,733.40	10	2,480.01	10	2,226.52	10	1,973.13	10	1,719.64	10	1,466.20
1/4		1/4		1/4		1/4	2,981.56	1/4	2,728.12	1/4	2,474.70	1/4	2,221.24	1/4	1,967.87	1/4	1,714.36	1/4	1,460.92
1/2		1/2		1/2		1/2	2,976.28	1/2	2,722.84	1/2	2,469.40	1/2	2,215.96	1/2	1,962.62	1/2	1,709.08	1/2	1,455.64
3/4		3/4		3/4		3/4	2,971.00	3/4	2,717.56	3/4	2,464.12	3/4	2,210.68	3/4	1,957.31	3/4	1,703.80	3/4	1,450.36
11		11		11		11	2,965.72	11	2,712.28	11	2,458.84	11	2,205.40	11	1,952.01	11	1,698.52	11	1,445.08
1/4		1/4		1/4		1/4	2,960.44	1/4	2,707.00	1/4	2,453.56	1/4	2,200.12	1/4	1,946.70	1/4	1,693.24	1/4	1,439.80
1/2		1/2		1/2		1/2	2,955.16	1/2	2,701.72	1/2	2,448.28	1/2	2,194.84	1/2	1,941.40	1/2	1,687.96	1/2	1,434.52
3/4		3/4		3/4		3/4	2,949.88	3/4	2,696.44	3/4	2,443.00	3/4	2,189.56	3/4	1,936.12	3/4	1,682.68	3/4	1,429.24

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" CLOSED GAUGING DEVICE.  
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77588  
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# BARGE "HTCO 3065"

## 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	1,423.96	0	1,170.52	0	917.06	0	663.14	0	407.98	0	154.81	0		0		0		0	
1/4	1,418.68	1/4	1,165.24	1/4	911.78	1/4	657.83	1/4	402.67	1/4	149.67	1/4		1/4		1/4		1/4	
1/2	1,413.40	1/2	1,159.96	1/2	906.50	1/2	652.51	1/2	397.35	1/2	144.54	1/2		1/2		1/2		1/2	
3/4	1,408.12	3/4	1,154.68	3/4	901.22	3/4	647.19	3/4	392.03	3/4	139.40	3/4		3/4		3/4		3/4	
1	1,402.84	1	1,149.40	1	895.93	1	641.88	1	386.72	1	134.27	1		1		1		1	
1/4	1,397.56	1/4	1,144.12	1/4	890.65	1/4	636.56	1/4	381.40	1/4	129.13	1/4		1/4		1/4		1/4	
1/2	1,392.28	1/2	1,138.84	1/2	885.37	1/2	631.25	1/2	376.09	1/2	124.00	1/2		1/2		1/2		1/2	
3/4	1,387.00	3/4	1,133.56	3/4	880.09	3/4	625.93	3/4	370.77	3/4	118.86	3/4		3/4		3/4		3/4	
2	1,381.72	2	1,128.28	2	874.80	2	620.62	2	365.45	2	113.73	2		2		2		2	
1/4	1,376.44	1/4	1,123.00	1/4	869.52	1/4	615.30	1/4	360.14	1/4	108.59	1/4		1/4		1/4		1/4	
1/2	1,371.16	1/2	1,117.72	1/2	864.24	1/2	609.99	1/2	354.82	1/2	103.46	1/2		1/2		1/2		1/2	
3/4	1,365.88	3/4	1,112.41	3/4	858.96	3/4	604.67	3/4	349.50	3/4	98.28	3/4		3/4		3/4		3/4	
3	1,360.60	3	1,107.11	3	853.67	3	599.36	3	344.19	3	93.10	3		3		3		3	
1/4	1,355.32	1/4	1,101.80	1/4	848.39	1/4	594.04	1/4	338.87	1/4	87.92	1/4		1/4		1/4		1/4	
1/2	1,350.04	1/2	1,096.50	1/2	843.11	1/2	588.73	1/2	333.56	1/2	82.74	1/2		1/2		1/2		1/2	
3/4	1,344.76	3/4	1,091.24	3/4	837.83	3/4	583.41	3/4	328.24	3/4	77.42	3/4		3/4		3/4		3/4	
4	1,339.48	4	1,085.99	4	832.55	4	578.09	4	322.93	4	72.10	4		4		4		4	
1/4	1,334.20	1/4	1,080.73	1/4	827.27	1/4	572.78	1/4	317.61	1/4	66.79	1/4		1/4		1/4		1/4	
1/2	1,328.92	1/2	1,075.48	1/2	821.99	1/2	567.46	1/2	312.30	1/2	61.47	1/2		1/2		1/2		1/2	
3/4	1,323.66	3/4	1,070.20	3/4	816.71	3/4	562.14	3/4	306.98	3/4	56.15	3/4		3/4		3/4		3/4	
5	1,318.41	5	1,064.92	5	811.42	5	556.83	5	301.66	5	50.84	5		5		5		5	
1/4	1,313.15	1/4	1,059.64	1/4	806.14	1/4	551.51	1/4	296.35	1/4	45.52	1/4		1/4		1/4		1/4	
1/2	1,307.90	1/2	1,054.36	1/2	800.86	1/2	546.20	1/2	291.03	1/2	40.21	1/2		1/2		1/2		1/2	
3/4	1,302.59	3/4	1,049.08	3/4	795.58	3/4	540.88	3/4	285.71	3/4	35.73	3/4		3/4		3/4		3/4	
6	1,297.29	6	1,043.80	6	790.29	6	535.57	6	280.40	6	31.26	6		6		6		6	
1/4	1,291.98	1/4	1,038.52	1/4	785.01	1/4	530.25	1/4	275.08	1/4	26.78	1/4		1/4		1/4		1/4	
1/2	1,286.68	1/2	1,033.24	1/2	779.73	1/2	524.94	1/2	269.77	1/2	22.31	1/2		1/2		1/2		1/2	
3/4	1,281.40	3/4	1,027.96	3/4	774.45	3/4	519.62	3/4	264.45	3/4	19.15	3/4		3/4		3/4		3/4	
7	1,276.12	7	1,022.68	7	769.16	7	514.30	7	259.13	7	15.98	7		7		7		7	
1/4	1,270.84	1/4	1,017.40	1/4	763.88	1/4	508.99	1/4	253.82	1/4	12.82	1/4		1/4		1/4		1/4	
1/2	1,265.56	1/2	1,012.12	1/2	758.60	1/2	503.67	1/2	248.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,260.28	3/4	1,006.84	3/4	753.32	3/4	498.35	3/4	243.21	3/4		3/4		3/4		3/4		3/4	
8	1,255.00	8	1,001.56	8	748.03	8	493.04	8	237.92	8		8		8		8		8	
1/4	1,249.72	1/4	996.28	1/4	742.75	1/4	487.72	1/4	232.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,244.44	1/2	991.00	1/2	737.47	1/2	482.41	1/2	227.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,239.16	3/4	985.72	3/4	732.18	3/4	477.09	3/4	222.04	3/4		3/4		3/4		3/4		3/4	
9	1,233.88	9	980.44	9	726.89	9	471.77	9	216.75	9		9		9		9		9	
1/4	1,228.60	1/4	975.16	1/4	721.60	1/4	466.46	1/4	211.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,223.32	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	
3/4	1,218.04	3/4	964.60	3/4	711.24	3/4	455.82	3/4	201.02	3/4		3/4		3/4		3/4		3/4	
10	1,212.76	10	959.31	10	706.18	10	450.51	10	195.89	10		10		10		10		10	
1/4	1,207.48	1/4	954.03	1/4	701.11	1/4	445.19	1/4	190.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,202.20	1/2	948.75	1/2	696.05	1/2	439.88	1/2	185.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,196.92	3/4	943.47	3/4	690.48	3/4	434.56	3/4	180.48	3/4		3/4		3/4		3/4		3/4	
11	1,191.64	11	938.19	11	684.91	11	429.25	11	175.35	11		11		11		11		11	
1/4	1,186.36	1/4	932.91	1/4	679.35	1/4	423.93	1/4	170.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,181.08	1/2	927.63	1/2	673.78	1/2	418.62	1/2	165.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,175.80	3/4	922.35	3/4	668.46	3/4	413.30	3/4	159.94	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.  
RECALCULATED: 08/15/2018 SW  
REPRINTED: 08/17/2018 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 3065"

1 STBD

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	3,186.39	0	2,944.60	0	2,691.16	0	2,437.72	0	2,184.28	0	1,930.84	0	1,677.40
1/4		1/4		1/4		1/4	3,183.39	1/4	2,939.32	1/4	2,685.88	1/4	2,432.44	1/4	2,179.00	1/4	1,925.56	1/4	1,672.12
1/2		1/2		1/2		1/2	3,180.38	1/2	2,934.04	1/2	2,680.60	1/2	2,427.16	1/2	2,173.72	1/2	1,920.28	1/2	1,666.84
3/4		3/4		3/4		3/4	3,176.45	3/4	2,928.76	3/4	2,675.32	3/4	2,421.88	3/4	2,168.44	3/4	1,915.00	3/4	1,661.56
1		1		1		1	3,172.52	1	2,923.48	1	2,670.04	1	2,416.60	1	2,163.16	1	1,909.72	1	1,656.28
1/4		1/4		1/4		1/4	3,168.59	1/4	2,918.20	1/4	2,664.76	1/4	2,411.32	1/4	2,157.88	1/4	1,904.44	1/4	1,651.00
1/2		1/2		1/2		1/2	3,164.66	1/2	2,912.92	1/2	2,659.48	1/2	2,406.04	1/2	2,152.60	1/2	1,899.16	1/2	1,645.72
3/4		3/4		3/4		3/4	3,159.81	3/4	2,907.64	3/4	2,654.20	3/4	2,400.76	3/4	2,147.32	3/4	1,893.88	3/4	1,640.44
2		2		2		2	3,154.95	2	2,902.36	2	2,648.92	2	2,395.48	2	2,142.04	2	1,888.60	2	1,635.16
1/4		1/4		1/4		1/4	3,150.10	1/4	2,897.08	1/4	2,643.64	1/4	2,390.20	1/4	2,136.76	1/4	1,883.32	1/4	1,629.88
1/2		1/2		1/2		1/2	3,145.24	1/2	2,891.80	1/2	2,638.36	1/2	2,384.92	1/2	2,131.48	1/2	1,878.04	1/2	1,624.60
3/4		3/4		3/4		3/4	3,139.96	3/4	2,886.52	3/4	2,633.08	3/4	2,379.64	3/4	2,126.20	3/4	1,872.76	3/4	1,619.32
3		3		3		3	3,134.68	3	2,881.24	3	2,627.80	3	2,374.36	3	2,120.92	3	1,867.48	3	1,614.04
1/4		1/4		1/4		1/4	3,129.40	1/4	2,875.96	1/4	2,622.52	1/4	2,369.08	1/4	2,115.64	1/4	1,862.20	1/4	1,608.76
1/2		1/2		1/2		1/2	3,124.12	1/2	2,870.68	1/2	2,617.24	1/2	2,363.80	1/2	2,110.36	1/2	1,856.92	1/2	1,603.48
3/4		3/4		3/4		3/4	3,118.84	3/4	2,865.40	3/4	2,611.96	3/4	2,358.52	3/4	2,105.08	3/4	1,851.64	3/4	1,598.20
4		4		4		4	3,113.56	4	2,860.12	4	2,606.68	4	2,353.24	4	2,099.80	4	1,846.36	4	1,592.92
1/4		1/4		1/4		1/4	3,108.28	1/4	2,854.84	1/4	2,601.40	1/4	2,347.96	1/4	2,094.52	1/4	1,841.08	1/4	1,587.64
1/2		1/2		1/2		1/2	3,103.00	1/2	2,849.56	1/2	2,596.12	1/2	2,342.68	1/2	2,089.24	1/2	1,835.80	1/2	1,582.36
3/4		3/4		3/4		3/4	3,097.72	3/4	2,844.28	3/4	2,590.84	3/4	2,337.40	3/4	2,083.96	3/4	1,830.52	3/4	1,577.08
5		5		5		5	3,092.44	5	2,839.00	5	2,585.56	5	2,332.12	5	2,078.68	5	1,825.24	5	1,571.80
1/4		1/4		1/4		1/4	3,087.16	1/4	2,833.72	1/4	2,580.28	1/4	2,326.84	1/4	2,073.40	1/4	1,819.96	1/4	1,566.52
1/2		1/2		1/2		1/2	3,081.88	1/2	2,828.44	1/2	2,575.00	1/2	2,321.56	1/2	2,068.12	1/2	1,814.68	1/2	1,561.24
3/4		3/4		3/4		3/4	3,076.60	3/4	2,823.16	3/4	2,569.72	3/4	2,316.28	3/4	2,062.84	3/4	1,809.40	3/4	1,555.96
6		6		6		6	3,071.32	6	2,817.88	6	2,564.44	6	2,311.00	6	2,057.56	6	1,804.12	6	1,550.68
1/4		1/4		1/4		1/4	3,066.04	1/4	2,812.60	1/4	2,559.16	1/4	2,305.72	1/4	2,052.28	1/4	1,798.84	1/4	1,545.40
1/2		1/2		1/2		1/2	3,060.76	1/2	2,807.32	1/2	2,553.88	1/2	2,300.44	1/2	2,047.00	1/2	1,793.56	1/2	1,540.12
3/4		3/4		3/4		3/4	3,055.48	3/4	2,802.04	3/4	2,548.60	3/4	2,295.16	3/4	2,041.72	3/4	1,788.28	3/4	1,534.84
7		7		7		7	3,050.20	7	2,796.76	7	2,543.32	7	2,289.88	7	2,036.44	7	1,783.00	7	1,529.56
1/4		1/4		1/4		1/4	3,044.92	1/4	2,791.48	1/4	2,538.04	1/4	2,284.60	1/4	2,031.16	1/4	1,777.72	1/4	1,524.28
1/2		1/2		1/2		1/2	3,039.64	1/2	2,786.20	1/2	2,532.76	1/2	2,279.32	1/2	2,025.88	1/2	1,772.44	1/2	1,519.00
3/4		3/4		3/4		3/4	3,034.36	3/4	2,780.92	3/4	2,527.48	3/4	2,274.04	3/4	2,020.60	3/4	1,767.16	3/4	1,513.72
8		8		8		8	3,029.08	8	2,775.64	8	2,522.20	8	2,268.76	8	2,015.32	8	1,761.88	8	1,508.44
1/4		1/4		1/4		1/4	3,023.80	1/4	2,770.36	1/4	2,516.92	1/4	2,263.48	1/4	2,010.04	1/4	1,756.60	1/4	1,503.16
1/2		1/2		1/2		1/2	3,018.52	1/2	2,765.08	1/2	2,511.64	1/2	2,258.20	1/2	2,004.76	1/2	1,751.32	1/2	1,497.88
3/4		3/4		3/4		3/4	3,013.24	3/4	2,759.80	3/4	2,506.36	3/4	2,252.92	3/4	1,999.48	3/4	1,746.04	3/4	1,492.60
9		9		9		9	3,007.96	9	2,754.52	9	2,501.13	9	2,247.64	9	1,994.20	9	1,740.76	9	1,487.32
1/4		1/4		1/4		1/4	3,002.68	1/4	2,749.24	1/4	2,495.87	1/4	2,242.36	1/4	1,988.92	1/4	1,735.48	1/4	1,482.04
1/2		1/2		1/2		1/2	2,997.40	1/2	2,743.96	1/2	2,490.62	1/2	2,237.08	1/2	1,983.64	1/2	1,730.20	1/2	1,476.76
3/4		3/4		3/4		3/4	2,992.12	3/4	2,738.68	3/4	2,485.31	3/4	2,231.80	3/4	1,978.38	3/4	1,724.92	3/4	1,471.48
10		10		10		10	2,986.84	10	2,733.40	10	2,480.01	10	2,226.52	10	1,973.13	10	1,719.64	10	1,466.20
1/4		1/4		1/4		1/4	2,981.56	1/4	2,728.12	1/4	2,474.70	1/4	2,221.24	1/4	1,967.87	1/4	1,714.36	1/4	1,460.92
1/2		1/2		1/2		1/2	2,976.28	1/2	2,722.84	1/2	2,469.40	1/2	2,215.96	1/2	1,962.62	1/2	1,709.08	1/2	1,455.64
3/4		3/4		3/4		3/4	2,971.00	3/4	2,717.56	3/4	2,464.12	3/4	2,210.68	3/4	1,957.31	3/4	1,703.80	3/4	1,450.36
11		11		11		11	2,965.72	11	2,712.28	11	2,458.84	11	2,205.40	11	1,952.01	11	1,698.52	11	1,445.08
1/4		1/4		1/4		1/4	2,960.44	1/4	2,707.00	1/4	2,453.56	1/4	2,200.12	1/4	1,946.70	1/4	1,693.24	1/4	1,439.80
1/2		1/2		1/2		1/2	2,955.16	1/2	2,701.72	1/2	2,448.28	1/2	2,194.84	1/2	1,941.40	1/2	1,687.96	1/2	1,434.52
3/4		3/4		3/4		3/4	2,949.88	3/4	2,696.44	3/4	2,443.00	3/4	2,189.56	3/4	1,936.12	3/4	1,682.68	3/4	1,429.24

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" 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 3065"

**1 STBD**  
**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	1,423.96	0	1,170.52	0	917.06	0	663.14	0	407.98	0	154.81	0		0		0		0	
1/4	1,418.68	1/4	1,165.24	1/4	911.78	1/4	657.83	1/4	402.67	1/4	149.67	1/4		1/4		1/4		1/4	
1/2	1,413.40	1/2	1,159.96	1/2	906.50	1/2	652.51	1/2	397.35	1/2	144.54	1/2		1/2		1/2		1/2	
3/4	1,408.12	3/4	1,154.68	3/4	901.22	3/4	647.19	3/4	392.03	3/4	139.40	3/4		3/4		3/4		3/4	
1	1,402.84	1	1,149.40	1	895.93	1	641.88	1	386.72	1	134.27	1		1		1		1	
1/4	1,397.56	1/4	1,144.12	1/4	890.65	1/4	636.56	1/4	381.40	1/4	129.13	1/4		1/4		1/4		1/4	
1/2	1,392.28	1/2	1,138.84	1/2	885.37	1/2	631.25	1/2	376.09	1/2	124.00	1/2		1/2		1/2		1/2	
3/4	1,387.00	3/4	1,133.56	3/4	880.09	3/4	625.93	3/4	370.77	3/4	118.86	3/4		3/4		3/4		3/4	
2	1,381.72	2	1,128.28	2	874.80	2	620.62	2	365.45	2	113.73	2		2		2		2	
1/4	1,376.44	1/4	1,123.00	1/4	869.52	1/4	615.30	1/4	360.14	1/4	108.59	1/4		1/4		1/4		1/4	
1/2	1,371.16	1/2	1,117.72	1/2	864.24	1/2	609.99	1/2	354.82	1/2	103.46	1/2		1/2		1/2		1/2	
3/4	1,365.88	3/4	1,112.41	3/4	858.96	3/4	604.67	3/4	349.50	3/4	98.28	3/4		3/4		3/4		3/4	
3	1,360.60	3	1,107.11	3	853.67	3	599.36	3	344.19	3	93.10	3		3		3		3	
1/4	1,355.32	1/4	1,101.80	1/4	848.39	1/4	594.04	1/4	338.87	1/4	87.92	1/4		1/4		1/4		1/4	
1/2	1,350.04	1/2	1,096.50	1/2	843.11	1/2	588.73	1/2	333.56	1/2	82.74	1/2		1/2		1/2		1/2	
3/4	1,344.76	3/4	1,091.24	3/4	837.83	3/4	583.41	3/4	328.24	3/4	77.42	3/4		3/4		3/4		3/4	
4	1,339.48	4	1,085.99	4	832.55	4	578.09	4	322.93	4	72.10	4		4		4		4	
1/4	1,334.20	1/4	1,080.73	1/4	827.27	1/4	572.78	1/4	317.61	1/4	66.79	1/4		1/4		1/4		1/4	
1/2	1,328.92	1/2	1,075.48	1/2	821.99	1/2	567.46	1/2	312.30	1/2	61.47	1/2		1/2		1/2		1/2	
3/4	1,323.66	3/4	1,070.20	3/4	816.71	3/4	562.14	3/4	306.98	3/4	56.15	3/4		3/4		3/4		3/4	
5	1,318.41	5	1,064.92	5	811.42	5	556.83	5	301.66	5	50.84	5		5		5		5	
1/4	1,313.15	1/4	1,059.64	1/4	806.14	1/4	551.51	1/4	296.35	1/4	45.52	1/4		1/4		1/4		1/4	
1/2	1,307.90	1/2	1,054.36	1/2	800.86	1/2	546.20	1/2	291.03	1/2	40.21	1/2		1/2		1/2		1/2	
3/4	1,302.59	3/4	1,049.08	3/4	795.58	3/4	540.88	3/4	285.71	3/4	35.73	3/4		3/4		3/4		3/4	
6	1,297.29	6	1,043.80	6	790.29	6	535.57	6	280.40	6	31.26	6		6		6		6	
1/4	1,291.98	1/4	1,038.52	1/4	785.01	1/4	530.25	1/4	275.08	1/4	26.78	1/4		1/4		1/4		1/4	
1/2	1,286.68	1/2	1,033.24	1/2	779.73	1/2	524.94	1/2	269.77	1/2	22.31	1/2		1/2		1/2		1/2	
3/4	1,281.40	3/4	1,027.96	3/4	774.45	3/4	519.62	3/4	264.45	3/4	19.15	3/4		3/4		3/4		3/4	
7	1,276.12	7	1,022.68	7	769.16	7	514.30	7	259.13	7	15.98	7		7		7		7	
1/4	1,270.84	1/4	1,017.40	1/4	763.88	1/4	508.99	1/4	253.82	1/4	12.82	1/4		1/4		1/4		1/4	
1/2	1,265.56	1/2	1,012.12	1/2	758.60	1/2	503.67	1/2	248.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,260.28	3/4	1,006.84	3/4	753.32	3/4	498.35	3/4	243.21	3/4		3/4		3/4		3/4		3/4	
8	1,255.00	8	1,001.56	8	748.03	8	493.04	8	237.92	8		8		8		8		8	
1/4	1,249.72	1/4	996.28	1/4	742.75	1/4	487.72	1/4	232.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,244.44	1/2	991.00	1/2	737.47	1/2	482.41	1/2	227.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,239.16	3/4	985.72	3/4	732.18	3/4	477.09	3/4	222.04	3/4		3/4		3/4		3/4		3/4	
9	1,233.88	9	980.44	9	726.89	9	471.77	9	216.75	9		9		9		9		9	
1/4	1,228.60	1/4	975.16	1/4	721.60	1/4	466.46	1/4	211.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,223.32	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	
3/4	1,218.04	3/4	964.60	3/4	711.24	3/4	455.82	3/4	201.02	3/4		3/4		3/4		3/4		3/4	
10	1,212.76	10	959.31	10	706.18	10	450.51	10	195.89	10		10		10		10		10	
1/4	1,207.48	1/4	954.03	1/4	701.11	1/4	445.19	1/4	190.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,202.20	1/2	948.75	1/2	696.05	1/2	439.88	1/2	185.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,196.92	3/4	943.47	3/4	690.48	3/4	434.56	3/4	180.48	3/4		3/4		3/4		3/4		3/4	
11	1,191.64	11	938.19	11	684.91	11	429.25	11	175.35	11		11		11		11		11	
1/4	1,186.36	1/4	932.91	1/4	679.35	1/4	423.93	1/4	170.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,181.08	1/2	927.63	1/2	673.78	1/2	418.62	1/2	165.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,175.80	3/4	922.35	3/4	668.46	3/4	413.30	3/4	159.94	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.  
 RECALCULATED: 08/15/2018 SW  
 REPRINTED: 08/17/2018 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 3065"

## 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	3,180.46	0	2,938.52	0	2,684.22	0	2,429.91	0	2,175.61	0	1,921.31	0	1,667.00
1/4		1/4		1/4		1/4	3,177.50	1/4	2,933.23	1/4	2,678.93	1/4	2,424.62	1/4	2,170.32	1/4	1,916.02	1/4	1,661.71
1/2		1/2		1/2		1/2	3,174.53	1/2	2,927.93	1/2	2,673.63	1/2	2,419.32	1/2	2,165.02	1/2	1,910.72	1/2	1,656.41
3/4		3/4		3/4		3/4	3,170.65	3/4	2,922.63	3/4	2,668.33	3/4	2,414.02	3/4	2,159.72	3/4	1,905.42	3/4	1,651.11
1		1		1		1	3,166.77	1	2,917.33	1	2,663.03	1	2,408.72	1	2,154.42	1	1,900.12	1	1,645.81
1/4		1/4		1/4		1/4	3,162.89	1/4	2,912.04	1/4	2,657.73	1/4	2,403.43	1/4	2,149.13	1/4	1,894.82	1/4	1,640.52
1/2		1/2		1/2		1/2	3,159.01	1/2	2,906.74	1/2	2,652.43	1/2	2,398.13	1/2	2,143.83	1/2	1,889.52	1/2	1,635.22
3/4		3/4		3/4		3/4	3,154.22	3/4	2,901.44	3/4	2,647.13	3/4	2,392.83	3/4	2,138.53	3/4	1,884.22	3/4	1,629.92
2		2		2		2	3,149.43	2	2,896.14	2	2,641.83	2	2,387.53	2	2,133.23	2	1,878.92	2	1,624.62
1/4		1/4		1/4		1/4	3,144.64	1/4	2,890.85	1/4	2,636.54	1/4	2,382.24	1/4	2,127.93	1/4	1,873.63	1/4	1,619.33
1/2		1/2		1/2		1/2	3,139.85	1/2	2,885.55	1/2	2,631.24	1/2	2,376.94	1/2	2,122.63	1/2	1,868.33	1/2	1,614.03
3/4		3/4		3/4		3/4	3,134.55	3/4	2,880.25	3/4	2,625.94	3/4	2,371.64	3/4	2,117.33	3/4	1,863.03	3/4	1,608.73
3		3		3		3	3,129.26	3	2,874.95	3	2,620.64	3	2,366.34	3	2,112.03	3	1,857.73	3	1,603.43
1/4		1/4		1/4		1/4	3,123.96	1/4	2,869.65	1/4	2,615.35	1/4	2,361.05	1/4	2,106.74	1/4	1,852.44	1/4	1,598.14
1/2		1/2		1/2		1/2	3,118.66	1/2	2,864.35	1/2	2,610.05	1/2	2,355.75	1/2	2,101.44	1/2	1,847.14	1/2	1,592.84
3/4		3/4		3/4		3/4	3,113.36	3/4	2,859.05	3/4	2,604.75	3/4	2,350.45	3/4	2,096.14	3/4	1,841.84	3/4	1,587.54
4		4		4		4	3,108.07	4	2,853.75	4	2,599.45	4	2,345.15	4	2,090.84	4	1,836.54	4	1,582.24
1/4		1/4		1/4		1/4	3,102.77	1/4	2,848.46	1/4	2,594.16	1/4	2,339.85	1/4	2,085.55	1/4	1,831.25	1/4	1,576.94
1/2		1/2		1/2		1/2	3,097.47	1/2	2,843.16	1/2	2,588.86	1/2	2,334.55	1/2	2,080.25	1/2	1,825.95	1/2	1,571.64
3/4		3/4		3/4		3/4	3,092.17	3/4	2,837.86	3/4	2,583.56	3/4	2,329.25	3/4	2,074.95	3/4	1,820.65	3/4	1,566.34
5		5		5		5	3,086.87	5	2,832.56	5	2,578.26	5	2,323.95	5	2,069.65	5	1,815.35	5	1,561.04
1/4		1/4		1/4		1/4	3,081.57	1/4	2,827.27	1/4	2,572.97	1/4	2,318.66	1/4	2,064.36	1/4	1,810.06	1/4	1,555.75
1/2		1/2		1/2		1/2	3,076.27	1/2	2,821.97	1/2	2,567.67	1/2	2,313.36	1/2	2,059.06	1/2	1,804.76	1/2	1,550.45
3/4		3/4		3/4		3/4	3,070.97	3/4	2,816.67	3/4	2,562.37	3/4	2,308.06	3/4	2,053.76	3/4	1,799.46	3/4	1,545.15
6		6		6		6	3,065.68	6	2,811.37	6	2,557.07	6	2,302.76	6	2,048.46	6	1,794.16	6	1,539.85
1/4		1/4		1/4		1/4	3,060.38	1/4	2,806.08	1/4	2,551.77	1/4	2,297.47	1/4	2,043.17	1/4	1,788.86	1/4	1,534.56
1/2		1/2		1/2		1/2	3,055.08	1/2	2,800.78	1/2	2,546.47	1/2	2,292.17	1/2	2,037.87	1/2	1,783.56	1/2	1,529.26
3/4		3/4		3/4		3/4	3,049.78	3/4	2,795.48	3/4	2,541.17	3/4	2,286.87	3/4	2,032.57	3/4	1,778.26	3/4	1,523.96
7		7		7		7	3,044.49	7	2,790.18	7	2,535.87	7	2,281.57	7	2,027.27	7	1,772.96	7	1,518.66
1/4		1/4		1/4		1/4	3,039.19	1/4	2,784.89	1/4	2,530.58	1/4	2,276.28	1/4	2,021.98	1/4	1,767.67	1/4	1,513.37
1/2		1/2		1/2		1/2	3,033.89	1/2	2,779.59	1/2	2,525.28	1/2	2,270.98	1/2	2,016.68	1/2	1,762.37	1/2	1,508.07
3/4		3/4		3/4		3/4	3,028.59	3/4	2,774.29	3/4	2,519.98	3/4	2,265.68	3/4	2,011.38	3/4	1,757.07	3/4	1,502.77
8		8		8		8	3,023.30	8	2,768.99	8	2,514.68	8	2,260.38	8	2,006.08	8	1,751.77	8	1,497.47
1/4		1/4		1/4		1/4	3,018.00	1/4	2,763.69	1/4	2,509.39	1/4	2,255.09	1/4	2,000.78	1/4	1,746.48	1/4	1,492.18
1/2		1/2		1/2		1/2	3,012.70	1/2	2,758.39	1/2	2,504.09	1/2	2,249.79	1/2	1,995.48	1/2	1,741.18	1/2	1,486.88
3/4		3/4		3/4		3/4	3,007.40	3/4	2,753.09	3/4	2,498.79	3/4	2,244.49	3/4	1,990.18	3/4	1,735.88	3/4	1,481.58
9		9		9		9	3,002.11	9	2,747.79	9	2,493.49	9	2,239.19	9	1,984.88	9	1,730.58	9	1,476.28
1/4		1/4		1/4		1/4	2,996.81	1/4	2,742.50	1/4	2,488.20	1/4	2,233.89	1/4	1,979.59	1/4	1,725.29	1/4	1,470.98
1/2		1/2		1/2		1/2	2,991.51	1/2	2,737.20	1/2	2,482.90	1/2	2,228.59	1/2	1,974.29	1/2	1,719.99	1/2	1,465.68
3/4		3/4		3/4		3/4	2,986.21	3/4	2,731.90	3/4	2,477.60	3/4	2,223.29	3/4	1,968.99	3/4	1,714.69	3/4	1,460.38
10		10		10		10	2,980.91	10	2,726.60	10	2,472.30	10	2,217.99	10	1,963.69	10	1,709.39	10	1,455.08
1/4		1/4		1/4		1/4	2,975.61	1/4	2,721.31	1/4	2,467.01	1/4	2,212.70	1/4	1,958.40	1/4	1,704.10	1/4	1,449.79
1/2		1/2		1/2		1/2	2,970.31	1/2	2,716.01	1/2	2,461.71	1/2	2,207.40	1/2	1,953.10	1/2	1,698.80	1/2	1,444.49
3/4		3/4		3/4		3/4	2,965.01	3/4	2,710.71	3/4	2,456.41	3/4	2,202.10	3/4	1,947.80	3/4	1,693.50	3/4	1,439.19
11		11		11		11	2,959.71	11	2,705.41	11	2,451.11	11	2,196.80	11	1,942.50	11	1,688.20	11	1,433.89
1/4		1/4		1/4		1/4	2,954.42	1/4	2,700.12	1/4	2,445.81	1/4	2,191.51	1/4	1,937.21	1/4	1,682.90	1/4	1,428.60
1/2		1/2		1/2		1/2	2,949.12	1/2	2,694.82	1/2	2,440.51	1/2	2,186.21	1/2	1,931.91	1/2	1,677.60	1/2	1,423.30
3/4		3/4		3/4		3/4	2,943.82	3/4	2,689.52	3/4	2,435.21	3/4	2,180.91	3/4	1,926.61	3/4	1,672.30	3/4	1,418.00

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 3065"

## 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	1,412.70	0	1,158.40	0	905.03	0	654.44	0	402.63	0	152.78	0		0		0		0	
1/4	1,407.41	1/4	1,153.10	1/4	899.81	1/4	649.19	1/4	397.39	1/4	147.72	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,402.11	1/2	1,147.80	1/2	894.60	1/2	643.95	1/2	392.14	1/2	142.65	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,396.81	3/4	1,142.50	3/4	889.39	3/4	638.70	3/4	386.89	3/4	137.58	3/4		3/4	3/4	3/4		3/4	3/4
1	1,391.51	1	1,137.20	1	884.17	1	633.46	1	381.65	1	132.51	1		1		1		1	
1/4	1,386.22	1/4	1,131.91	1/4	878.96	1/4	628.21	1/4	376.40	1/4	127.45	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,380.92	1/2	1,126.61	1/2	873.75	1/2	622.97	1/2	371.16	1/2	122.38	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,375.62	3/4	1,121.31	3/4	868.54	3/4	617.72	3/4	365.91	3/4	117.31	3/4		3/4	3/4	3/4		3/4	3/4
2	1,370.32	2	1,116.01	2	863.32	2	612.47	2	360.67	2	112.24	2		2		2		2	
1/4	1,365.02	1/4	1,110.72	1/4	858.11	1/4	607.23	1/4	355.42	1/4	107.18	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,359.72	1/2	1,105.42	1/2	852.90	1/2	601.98	1/2	350.18	1/2	102.11	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,354.42	3/4	1,100.12	3/4	847.69	3/4	596.73	3/4	344.93	3/4	97.00	3/4		3/4	3/4	3/4		3/4	3/4
3	1,349.12	3	1,094.82	3	842.47	3	591.49	3	339.68	3	91.88	3		3		3		3	
1/4	1,343.83	1/4	1,089.53	1/4	837.26	1/4	586.24	1/4	334.44	1/4	86.77	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,338.53	1/2	1,084.23	1/2	832.05	1/2	581.00	1/2	329.19	1/2	81.66	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,333.23	3/4	1,078.93	3/4	826.84	3/4	575.75	3/4	323.94	3/4	76.41	3/4		3/4	3/4	3/4		3/4	3/4
4	1,327.93	4	1,073.63	4	821.62	4	570.50	4	318.70	4	71.16	4		4		4		4	
1/4	1,322.64	1/4	1,068.34	1/4	816.41	1/4	565.26	1/4	313.45	1/4	65.92	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,317.34	1/2	1,063.04	1/2	811.20	1/2	560.01	1/2	308.21	1/2	60.67	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,312.04	3/4	1,057.74	3/4	805.98	3/4	554.76	3/4	302.96	3/4	55.42	3/4		3/4	3/4	3/4		3/4	3/4
5	1,306.74	5	1,052.44	5	800.77	5	549.52	5	297.71	5	50.18	5		5		5		5	
1/4	1,301.45	1/4	1,047.14	1/4	795.55	1/4	544.27	1/4	292.47	1/4	44.93	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,296.15	1/2	1,041.84	1/2	790.34	1/2	539.03	1/2	287.22	1/2	39.69	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,290.85	3/4	1,036.54	3/4	785.13	3/4	533.78	3/4	281.97	3/4	35.27	3/4		3/4	3/4	3/4		3/4	3/4
6	1,285.55	6	1,031.24	6	779.91	6	528.54	6	276.73	6	30.86	6		6		6		6	
1/4	1,280.26	1/4	1,025.95	1/4	774.70	1/4	523.29	1/4	271.48	1/4	26.44	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,274.96	1/2	1,020.65	1/2	769.49	1/2	518.05	1/2	266.24	1/2	22.03	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,269.66	3/4	1,015.35	3/4	764.28	3/4	512.80	3/4	260.99	3/4	18.88	3/4		3/4	3/4	3/4		3/4	3/4
7	1,264.36	7	1,010.05	7	759.06	7	507.55	7	255.75	7	15.73	7		7		7		7	
1/4	1,259.06	1/4	1,004.76	1/4	753.85	1/4	502.31	1/4	250.50	1/4	12.58	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,253.76	1/2	999.46	1/2	748.64	1/2	497.06	1/2	245.26	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,248.46	3/4	994.16	3/4	743.43	3/4	491.81	3/4	240.01	3/4		3/4		3/4	3/4	3/4		3/4	3/4
8	1,243.16	8	988.86	8	738.21	8	486.57	8	234.76	8		8		8		8		8	
1/4	1,237.87	1/4	983.57	1/4	733.00	1/4	481.32	1/4	229.52	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,232.57	1/2	978.27	1/2	727.79	1/2	476.08	1/2	224.27	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,227.27	3/4	972.99	3/4	722.57	3/4	470.83	3/4	219.07	3/4		3/4		3/4	3/4	3/4		3/4	3/4
9	1,221.97	9	967.71	9	717.34	9	465.59	9	213.87	9		9		9		9		9	
1/4	1,216.68	1/4	962.44	1/4	712.12	1/4	460.34	1/4	208.67	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,211.38	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		1/2	1/2
3/4	1,206.08	3/4	951.95	3/4	701.65	3/4	449.85	3/4	198.40	3/4		3/4		3/4	3/4	3/4		3/4	3/4
10	1,200.78	10	946.73	10	696.41	10	444.60	10	193.33	10		10		10		10		10	
1/4	1,195.49	1/4	941.52	1/4	691.16	1/4	439.36	1/4	188.26	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,190.19	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		1/2	1/2
3/4	1,184.89	3/4	931.10	3/4	680.67	3/4	428.86	3/4	178.12	3/4		3/4		3/4	3/4	3/4		3/4	3/4
11	1,179.59	11	925.88	11	675.42	11	423.62	11	173.05	11		11		11		11		11	
1/4	1,174.30	1/4	920.67	1/4	670.18	1/4	418.37	1/4	167.99	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,169.00	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		1/2	1/2
3/4	1,163.70	3/4	910.24	3/4	659.68	3/4	407.88	3/4	157.85	3/4		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: 08/15/2018 SW  
REPRINTED: 08/17/2018 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 3065"

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	3,177.50	0	2,933.23	0	2,678.93	0	2,424.62	0	2,170.32	0	1,916.02	0	1,661.71
1/4		1/4		1/4		1/4	3,174.53	1/4	2,927.93	1/4	2,673.63	1/4	2,419.32	1/4	2,165.02	1/4	1,910.72	1/4	1,656.41
1/2		1/2		1/2		1/2	3,170.65	1/2	2,922.63	1/2	2,668.33	1/2	2,414.02	1/2	2,159.72	1/2	1,905.42	1/2	1,651.11
3/4		3/4		3/4		3/4	3,166.77	3/4	2,917.33	3/4	2,663.03	3/4	2,408.72	3/4	2,154.42	3/4	1,900.12	3/4	1,645.81
1		1		1		1	3,162.89	1	2,912.04	1	2,657.73	1	2,403.43	1	2,149.13	1	1,894.82	1	1,640.52
1/4		1/4		1/4		1/4	3,159.01	1/4	2,906.74	1/4	2,652.43	1/4	2,398.13	1/4	2,143.83	1/4	1,889.52	1/4	1,635.22
1/2		1/2		1/2		1/2	3,154.22	1/2	2,901.44	1/2	2,647.13	1/2	2,392.83	1/2	2,138.53	1/2	1,884.22	1/2	1,629.92
3/4		3/4		3/4		3/4	3,149.43	3/4	2,896.14	3/4	2,641.83	3/4	2,387.53	3/4	2,133.23	3/4	1,878.92	3/4	1,624.62
2		2		2		2	3,144.64	2	2,890.85	2	2,636.54	2	2,382.24	2	2,127.93	2	1,873.63	2	1,619.33
1/4		1/4		1/4		1/4	3,139.85	1/4	2,885.55	1/4	2,631.24	1/4	2,376.94	1/4	2,122.63	1/4	1,868.33	1/4	1,614.03
1/2		1/2		1/2		1/2	3,134.55	1/2	2,880.25	1/2	2,625.94	1/2	2,371.64	1/2	2,117.33	1/2	1,863.03	1/2	1,608.73
3/4		3/4		3/4		3/4	3,129.26	3/4	2,874.95	3/4	2,620.64	3/4	2,366.34	3/4	2,112.03	3/4	1,857.73	3/4	1,603.43
3		3		3		3	3,123.96	3	2,869.65	3	2,615.35	3	2,361.05	3	2,106.74	3	1,852.44	3	1,598.14
1/4		1/4		1/4		1/4	3,118.66	1/4	2,864.35	1/4	2,610.05	1/4	2,355.75	1/4	2,101.44	1/4	1,847.14	1/4	1,592.84
1/2		1/2		1/2		1/2	3,113.36	1/2	2,859.05	1/2	2,604.75	1/2	2,350.45	1/2	2,096.14	1/2	1,841.84	1/2	1,587.54
3/4		3/4		3/4		3/4	3,108.07	3/4	2,853.75	3/4	2,599.45	3/4	2,345.15	3/4	2,090.84	3/4	1,836.54	3/4	1,582.24
4		4		4		4	3,102.77	4	2,848.46	4	2,594.16	4	2,339.85	4	2,085.55	4	1,831.25	4	1,576.94
1/4		1/4		1/4		1/4	3,097.47	1/4	2,843.16	1/4	2,588.86	1/4	2,334.55	1/4	2,080.25	1/4	1,825.95	1/4	1,571.64
1/2		1/2		1/2		1/2	3,092.17	1/2	2,837.86	1/2	2,583.56	1/2	2,329.25	1/2	2,074.95	1/2	1,820.65	1/2	1,566.34
3/4		3/4		3/4		3/4	3,086.87	3/4	2,832.56	3/4	2,578.26	3/4	2,323.95	3/4	2,069.65	3/4	1,815.35	3/4	1,561.04
5		5		5		5	3,081.57	5	2,827.27	5	2,572.97	5	2,318.66	5	2,064.36	5	1,810.06	5	1,555.75
1/4		1/4		1/4		1/4	3,076.27	1/4	2,821.97	1/4	2,567.67	1/4	2,313.36	1/4	2,059.06	1/4	1,804.76	1/4	1,550.45
1/2		1/2		1/2		1/2	3,070.97	1/2	2,816.67	1/2	2,562.37	1/2	2,308.06	1/2	2,053.76	1/2	1,799.46	1/2	1,545.15
3/4		3/4		3/4		3/4	3,065.68	3/4	2,811.37	3/4	2,557.07	3/4	2,302.76	3/4	2,048.46	3/4	1,794.16	3/4	1,539.85
6		6		6		6	3,060.38	6	2,806.08	6	2,551.77	6	2,297.47	6	2,043.17	6	1,788.86	6	1,534.56
1/4		1/4		1/4		1/4	3,055.08	1/4	2,800.78	1/4	2,546.47	1/4	2,292.17	1/4	2,037.87	1/4	1,783.56	1/4	1,529.26
1/2		1/2		1/2		1/2	3,049.78	1/2	2,795.48	1/2	2,541.17	1/2	2,286.87	1/2	2,032.57	1/2	1,778.26	1/2	1,523.96
3/4		3/4		3/4		3/4	3,044.49	3/4	2,790.18	3/4	2,535.87	3/4	2,281.57	3/4	2,027.27	3/4	1,772.96	3/4	1,518.66
7		7		7		7	3,039.19	7	2,784.89	7	2,530.58	7	2,276.28	7	2,021.98	7	1,767.67	7	1,513.37
1/4		1/4		1/4		1/4	3,033.89	1/4	2,779.59	1/4	2,525.28	1/4	2,270.98	1/4	2,016.68	1/4	1,762.37	1/4	1,508.07
1/2		1/2		1/2		1/2	3,028.59	1/2	2,774.29	1/2	2,519.98	1/2	2,265.68	1/2	2,011.38	1/2	1,757.07	1/2	1,502.77
3/4		3/4		3/4		3/4	3,023.30	3/4	2,768.99	3/4	2,514.68	3/4	2,260.38	3/4	2,006.08	3/4	1,751.77	3/4	1,497.47
8		8		8		8	3,018.00	8	2,763.69	8	2,509.39	8	2,255.09	8	2,000.78	8	1,746.48	8	1,492.18
1/4		1/4		1/4		1/4	3,012.70	1/4	2,758.39	1/4	2,504.09	1/4	2,249.79	1/4	1,995.48	1/4	1,741.18	1/4	1,486.88
1/2		1/2		1/2		1/2	3,007.40	1/2	2,753.09	1/2	2,498.79	1/2	2,244.49	1/2	1,990.18	1/2	1,735.88	1/2	1,481.58
3/4		3/4		3/4		3/4	3,002.11	3/4	2,747.79	3/4	2,493.49	3/4	2,239.19	3/4	1,984.88	3/4	1,730.58	3/4	1,476.28
9		9		9		9	2,996.81	9	2,742.50	9	2,488.20	9	2,233.89	9	1,979.59	9	1,725.29	9	1,470.98
1/4		1/4		1/4		1/4	2,991.51	1/4	2,737.20	1/4	2,482.90	1/4	2,228.59	1/4	1,974.29	1/4	1,719.99	1/4	1,465.68
1/2		1/2		1/2		1/2	2,986.21	1/2	2,731.90	1/2	2,477.60	1/2	2,223.29	1/2	1,968.99	1/2	1,714.69	1/2	1,460.38
3/4		3/4		3/4		3/4	2,980.91	3/4	2,726.60	3/4	2,472.30	3/4	2,217.99	3/4	1,963.69	3/4	1,709.39	3/4	1,455.08
10		10		10		10	2,975.61	10	2,721.31	10	2,467.01	10	2,212.70	10	1,958.40	10	1,704.10	10	1,449.79
1/4		1/4		1/4		1/4	2,970.31	1/4	2,716.01	1/4	2,461.71	1/4	2,207.40	1/4	1,953.10	1/4	1,698.80	1/4	1,444.49
1/2		1/2		1/2		1/2	2,965.01	1/2	2,710.71	1/2	2,456.41	1/2	2,202.10	1/2	1,947.80	1/2	1,693.50	1/2	1,439.19
3/4		3/4		3/4		3/4	2,959.71	3/4	2,705.41	3/4	2,451.11	3/4	2,196.80	3/4	1,942.50	3/4	1,688.20	3/4	1,433.89
11		11		11		11	2,954.42	11	2,700.12	11	2,445.81	11	2,191.51	11	1,937.21	11	1,682.90	11	1,428.60
1/4		1/4		1/4		1/4	2,949.12	1/4	2,694.82	1/4	2,440.51	1/4	2,186.21	1/4	1,931.91	1/4	1,677.60	1/4	1,423.30
1/2		1/2		1/2		1/2	2,943.82	1/2	2,689.52	1/2	2,435.21	1/2	2,180.91	1/2	1,926.61	1/2	1,672.30	1/2	1,418.00
3/4		3/4		3/4		3/4	3,180.46	3/4	2,938.52	3/4	2,684.22	3/4	2,429.91	3/4	2,175.61	3/4	1,921.31	3/4	1,412.70

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" 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  
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# BARGE "HTCO 3065"

**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	1,407.41	0	1,153.10	0	899.81	0	649.19	0	397.39	0	147.72	0		0		0		0	
1/4	1,402.11	1/4	1,147.80	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	1,396.81	1/2	1,142.50	1/2	889.39	1/2	638.70	1/2	386.89	1/2	137.58	1/2		1/2		1/2		1/2	
3/4	1,391.51	3/4	1,137.20	3/4	884.17	3/4	633.46	3/4	381.65	3/4	132.51	3/4		3/4		3/4		3/4	
1	1,386.22	1	1,131.91	1	878.96	1	628.21	1	376.40	1	127.45	1		1		1		1	
1/4	1,380.92	1/4	1,126.61	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	1,375.62	1/2	1,121.31	1/2	868.54	1/2	617.72	1/2	365.91	1/2	117.31	1/2		1/2		1/2		1/2	
3/4	1,370.32	3/4	1,116.01	3/4	863.32	3/4	612.47	3/4	360.67	3/4	112.24	3/4		3/4		3/4		3/4	
2	1,365.02	2	1,110.72	2	858.11	2	607.23	2	355.42	2	107.18	2		2		2		2	
1/4	1,359.72	1/4	1,105.42	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	1,354.42	1/2	1,100.12	1/2	847.69	1/2	596.73	1/2	344.93	1/2	97.00	1/2		1/2		1/2		1/2	
3/4	1,349.12	3/4	1,094.82	3/4	842.47	3/4	591.49	3/4	339.68	3/4	91.88	3/4		3/4		3/4		3/4	
3	1,343.83	3	1,089.53	3	837.26	3	586.24	3	334.44	3	86.77	3		3		3		3	
1/4	1,338.53	1/4	1,084.23	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	1,333.23	1/2	1,078.93	1/2	826.84	1/2	575.75	1/2	323.94	1/2	76.41	1/2		1/2		1/2		1/2	
3/4	1,327.93	3/4	1,073.63	3/4	821.62	3/4	570.50	3/4	318.70	3/4	71.16	3/4		3/4		3/4		3/4	
4	1,322.64	4	1,068.34	4	816.41	4	565.26	4	313.45	4	65.92	4		4		4		4	
1/4	1,317.34	1/4	1,063.04	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	1,312.04	1/2	1,057.74	1/2	805.98	1/2	554.76	1/2	302.96	1/2	55.42	1/2		1/2		1/2		1/2	
3/4	1,306.74	3/4	1,052.44	3/4	800.77	3/4	549.52	3/4	297.71	3/4	50.18	3/4		3/4		3/4		3/4	
5	1,301.45	5	1,047.14	5	795.55	5	544.27	5	292.47	5	44.93	5		5		5		5	
1/4	1,296.15	1/4	1,041.84	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	1,290.85	1/2	1,036.54	1/2	785.13	1/2	533.78	1/2	281.97	1/2	35.27	1/2		1/2		1/2		1/2	
3/4	1,285.55	3/4	1,031.24	3/4	779.91	3/4	528.54	3/4	276.73	3/4	30.86	3/4		3/4		3/4		3/4	
6	1,280.26	6	1,025.95	6	774.70	6	523.29	6	271.48	6	26.44	6		6		6		6	
1/4	1,274.96	1/4	1,020.65	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	1,269.66	1/2	1,015.35	1/2	764.28	1/2	512.80	1/2	260.99	1/2	18.88	1/2		1/2		1/2		1/2	
3/4	1,264.36	3/4	1,010.05	3/4	759.06	3/4	507.55	3/4	255.75	3/4	15.73	3/4		3/4		3/4		3/4	
7	1,259.06	7	1,004.76	7	753.85	7	502.31	7	250.50	7	12.58	7		7		7		7	
1/4	1,253.76	1/4	999.46	1/4	748.64	1/4	497.06	1/4	245.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,248.46	1/2	994.16	1/2	743.43	1/2	491.81	1/2	240.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,243.16	3/4	988.86	3/4	738.21	3/4	486.57	3/4	234.76	3/4		3/4		3/4		3/4		3/4	
8	1,237.87	8	983.57	8	733.00	8	481.32	8	229.52	8		8		8		8		8	
1/4	1,232.57	1/4	978.27	1/4	727.79	1/4	476.08	1/4	224.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,227.27	1/2	972.99	1/2	722.57	1/2	470.83	1/2	219.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,221.97	3/4	967.71	3/4	717.34	3/4	465.59	3/4	213.87	3/4		3/4		3/4		3/4		3/4	
9	1,216.68	9	962.44	9	712.12	9	460.34	9	208.67	9		9		9		9		9	
1/4	1,211.38	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	1,206.08	1/2	951.95	1/2	701.65	1/2	449.85	1/2	198.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,200.78	3/4	946.73	3/4	696.41	3/4	444.60	3/4	193.33	3/4		3/4		3/4		3/4		3/4	
10	1,195.49	10	941.52	10	691.16	10	439.36	10	188.26	10		10		10		10		10	
1/4	1,190.19	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	1,184.89	1/2	931.10	1/2	680.67	1/2	428.86	1/2	178.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,179.59	3/4	925.88	3/4	675.42	3/4	423.62	3/4	173.05	3/4		3/4		3/4		3/4		3/4	
11	1,174.30	11	920.67	11	670.18	11	418.37	11	167.99	11		11		11		11		11	
1/4	1,169.00	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	1,163.70	1/2	910.24	1/2	659.68	1/2	407.88	1/2	157.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,158.40	3/4	905.03	3/4	654.44	3/4	402.63	3/4	152.78	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.  
 RECALCULATED: 08/15/2018 SW  
 REPRINTED: 08/17/2018 SW

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 08/2018

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "HTCO 3065"

## 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	3,495.93	0	3,227.32	0	2,947.82	0	2,668.32	0	2,388.81	0	2,109.31	0	1,829.80
1/4		1/4		1/4		1/4	3,492.66	1/4	3,221.50	1/4	2,942.00	1/4	2,662.50	1/4	2,382.99	1/4	2,103.49	1/4	1,823.98
1/2		1/2		1/2		1/2	3,488.38	1/2	3,215.68	1/2	2,936.18	1/2	2,656.67	1/2	2,377.17	1/2	2,097.67	1/2	1,818.16
3/4		3/4		3/4		3/4	3,484.11	3/4	3,209.85	3/4	2,930.35	3/4	2,650.85	3/4	2,371.34	3/4	2,091.84	3/4	1,812.33
1		1		1		1	3,479.83	1	3,204.03	1	2,924.53	1	2,645.02	1	2,365.52	1	2,086.02	1	1,806.51
1/4		1/4		1/4		1/4	3,475.55	1/4	3,198.21	1/4	2,918.71	1/4	2,639.20	1/4	2,359.70	1/4	2,080.20	1/4	1,800.69
1/2		1/2		1/2		1/2	3,470.27	1/2	3,192.39	1/2	2,912.89	1/2	2,633.38	1/2	2,353.88	1/2	2,074.37	1/2	1,794.87
3/4		3/4		3/4		3/4	3,464.99	3/4	3,186.56	3/4	2,907.06	3/4	2,627.55	3/4	2,348.05	3/4	2,068.55	3/4	1,789.04
2		2		2		2	3,459.70	2	3,180.74	2	2,901.24	2	2,621.73	2	2,342.23	2	2,062.72	2	1,783.22
1/4		1/4		1/4		1/4	3,454.42	1/4	3,174.92	1/4	2,895.42	1/4	2,615.91	1/4	2,336.41	1/4	2,056.90	1/4	1,777.40
1/2		1/2		1/2		1/2	3,448.60	1/2	3,169.10	1/2	2,889.59	1/2	2,610.09	1/2	2,330.59	1/2	2,051.08	1/2	1,771.58
3/4		3/4		3/4		3/4	3,442.78	3/4	3,163.27	3/4	2,883.77	3/4	2,604.26	3/4	2,324.76	3/4	2,045.25	3/4	1,765.75
3		3		3		3	3,436.95	3	3,157.45	3	2,877.94	3	2,598.44	3	2,318.94	3	2,039.43	3	1,759.93
1/4		1/4		1/4		1/4	3,431.13	1/4	3,151.63	1/4	2,872.12	1/4	2,592.62	1/4	2,313.12	1/4	2,033.61	1/4	1,754.11
1/2		1/2		1/2		1/2	3,425.31	1/2	3,145.81	1/2	2,866.30	1/2	2,586.80	1/2	2,307.29	1/2	2,027.79	1/2	1,748.29
3/4		3/4		3/4		3/4	3,419.49	3/4	3,139.98	3/4	2,860.47	3/4	2,580.97	3/4	2,301.47	3/4	2,021.96	3/4	1,742.46
4		4		4		4	3,413.66	4	3,134.16	4	2,854.65	4	2,575.15	4	2,295.64	4	2,016.14	4	1,736.64
1/4		1/4		1/4		1/4	3,407.84	1/4	3,128.34	1/4	2,848.83	1/4	2,569.33	1/4	2,289.82	1/4	2,010.32	1/4	1,730.82
1/2		1/2		1/2		1/2	3,402.02	1/2	3,122.51	1/2	2,843.01	1/2	2,563.51	1/2	2,284.00	1/2	2,004.50	1/2	1,724.99
3/4		3/4		3/4		3/4	3,396.20	3/4	3,116.69	3/4	2,837.18	3/4	2,557.68	3/4	2,278.17	3/4	1,998.67	3/4	1,719.17
5		5		5		5	3,390.37	5	3,110.86	5	2,831.36	5	2,551.86	5	2,272.35	5	1,992.85	5	1,713.34
1/4		1/4		1/4		1/4	3,384.55	1/4	3,105.04	1/4	2,825.54	1/4	2,546.04	1/4	2,266.53	1/4	1,987.03	1/4	1,707.52
1/2		1/2		1/2		1/2	3,378.73	1/2	3,099.22	1/2	2,819.72	1/2	2,540.21	1/2	2,260.71	1/2	1,981.21	1/2	1,701.70
3/4		3/4		3/4		3/4	3,372.91	3/4	3,093.39	3/4	2,813.89	3/4	2,534.39	3/4	2,254.88	3/4	1,975.38	3/4	1,695.87
6		6		6		6	3,367.08	6	3,087.57	6	2,808.07	6	2,528.56	6	2,249.06	6	1,969.56	6	1,690.05
1/4		1/4		1/4		1/4	3,361.26	1/4	3,081.75	1/4	2,802.25	1/4	2,522.74	1/4	2,243.24	1/4	1,963.74	1/4	1,684.23
1/2		1/2		1/2		1/2	3,355.44	1/2	3,075.93	1/2	2,796.43	1/2	2,516.92	1/2	2,237.42	1/2	1,957.91	1/2	1,678.41
3/4		3/4		3/4		3/4	3,349.61	3/4	3,070.10	3/4	2,790.60	3/4	2,511.09	3/4	2,231.59	3/4	1,952.09	3/4	1,672.58
7		7		7		7	3,343.79	7	3,064.28	7	2,784.78	7	2,505.27	7	2,225.77	7	1,946.26	7	1,666.76
1/4		1/4		1/4		1/4	3,337.96	1/4	3,058.46	1/4	2,778.96	1/4	2,499.45	1/4	2,219.95	1/4	1,940.44	1/4	1,660.94
1/2		1/2		1/2		1/2	3,332.14	1/2	3,052.64	1/2	2,773.13	1/2	2,493.63	1/2	2,214.13	1/2	1,934.62	1/2	1,655.12
3/4		3/4		3/4		3/4	3,326.32	3/4	3,046.81	3/4	2,767.31	3/4	2,487.80	3/4	2,208.30	3/4	1,928.79	3/4	1,649.29
8		8		8		8	3,320.49	8	3,040.99	8	2,761.48	8	2,481.98	8	2,202.48	8	1,922.97	8	1,643.47
1/4		1/4		1/4		1/4	3,314.67	1/4	3,035.17	1/4	2,755.66	1/4	2,476.16	1/4	2,196.66	1/4	1,917.15	1/4	1,637.65
1/2		1/2		1/2		1/2	3,308.85	1/2	3,029.35	1/2	2,749.84	1/2	2,470.34	1/2	2,190.83	1/2	1,911.33	1/2	1,631.83
3/4		3/4		3/4		3/4	3,303.03	3/4	3,023.52	3/4	2,744.01	3/4	2,464.51	3/4	2,185.01	3/4	1,905.50	3/4	1,626.00
9		9		9		9	3,297.20	9	3,017.70	9	2,738.19	9	2,458.69	9	2,179.18	9	1,899.68	9	1,620.18
1/4		1/4		1/4		1/4	3,291.38	1/4	3,011.88	1/4	2,732.37	1/4	2,452.87	1/4	2,173.36	1/4	1,893.86	1/4	1,614.36
1/2		1/2		1/2		1/2	3,285.56	1/2	3,006.05	1/2	2,726.55	1/2	2,447.05	1/2	2,167.54	1/2	1,888.04	1/2	1,608.53
3/4		3/4		3/4		3/4	3,279.74	3/4	3,000.23	3/4	2,720.72	3/4	2,441.22	3/4	2,161.71	3/4	1,882.21	3/4	1,602.71
10		10		10		10	3,273.91	10	2,994.40	10	2,714.90	10	2,435.40	10	2,155.89	10	1,876.39	10	1,596.88
1/4		1/4		1/4		1/4	3,268.09	1/4	2,988.58	1/4	2,709.08	1/4	2,429.58	1/4	2,150.07	1/4	1,870.57	1/4	1,591.06
1/2		1/2		1/2		1/2	3,262.27	1/2	2,982.76	1/2	2,703.26	1/2	2,423.75	1/2	2,144.25	1/2	1,864.75	1/2	1,585.24
3/4		3/4		3/4		3/4	3,256.44	3/4	2,976.93	3/4	2,697.43	3/4	2,417.93	3/4	2,138.42	3/4	1,858.92	3/4	1,579.41
11		11		11		11	3,250.62	11	2,971.11	11	2,691.61	11	2,412.10	11	2,132.60	11	1,853.10	11	1,573.59
1/4		1/4		1/4		1/4	3,244.80	1/4	2,965.29	1/4	2,685.79	1/4	2,406.28	1/4	2,126.78	1/4	1,847.28	1/4	1,567.77
1/2		1/2		1/2		1/2	3,238.97	1/2	2,959.47	1/2	2,679.97	1/2	2,400.46	1/2	2,120.96	1/2	1,841.45	1/2	1,561.95
3/4		3/4		3/4		3/4	3,233.15	3/4	2,953.64	3/4	2,674.14	3/4	2,394.63	3/4	2,115.13	3/4	1,835.63	3/4	1,556.12

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 3065"

**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	1,550.30	0	1,270.80	0	992.20	0	715.84	0	438.16	0	162.85	0		0		0		0	
1/4	1,544.48	1/4	1,264.98	1/4	986.45	1/4	710.06	1/4	432.38	1/4	157.26	1/4		1/4	1/4		1/4	1/4	
1/2	1,538.66	1/2	1,259.15	1/2	980.70	1/2	704.27	1/2	426.59	1/2	151.67	1/2		1/2	1/2		1/2	1/2	
3/4	1,532.83	3/4	1,253.33	3/4	974.95	3/4	698.49	3/4	420.81	3/4	146.08	3/4		3/4	3/4		3/4	3/4	
1	1,527.01	1	1,247.50	1	969.21	1	692.70	1	415.02	1	140.50	1		1	1		1	1	
1/4	1,521.19	1/4	1,241.68	1/4	963.46	1/4	686.92	1/4	409.24	1/4	134.91	1/4		1/4	1/4		1/4	1/4	
1/2	1,515.37	1/2	1,235.86	1/2	957.71	1/2	681.13	1/2	403.45	1/2	129.32	1/2		1/2	1/2		1/2	1/2	
3/4	1,509.54	3/4	1,230.03	3/4	951.96	3/4	675.35	3/4	397.67	3/4	123.73	3/4		3/4	3/4		3/4	3/4	
2	1,503.72	2	1,224.21	2	946.21	2	669.56	2	391.88	2	118.15	2		2	2		2	2	
1/4	1,497.90	1/4	1,218.39	1/4	940.46	1/4	663.78	1/4	386.10	1/4	112.56	1/4		1/4	1/4		1/4	1/4	
1/2	1,492.07	1/2	1,212.57	1/2	934.71	1/2	657.99	1/2	380.31	1/2	106.92	1/2		1/2	1/2		1/2	1/2	
3/4	1,486.25	3/4	1,206.74	3/4	928.96	3/4	652.21	3/4	374.53	3/4	101.28	3/4		3/4	3/4		3/4	3/4	
3	1,480.42	3	1,200.92	3	923.22	3	646.42	3	368.74	3	95.65	3		3	3		3	3	
1/4	1,474.60	1/4	1,195.10	1/4	917.47	1/4	640.64	1/4	362.96	1/4	90.01	1/4		1/4	1/4		1/4	1/4	
1/2	1,468.78	1/2	1,189.28	1/2	911.72	1/2	634.85	1/2	357.17	1/2	84.22	1/2		1/2	1/2		1/2	1/2	
3/4	1,462.95	3/4	1,183.45	3/4	905.97	3/4	629.07	3/4	351.39	3/4	78.44	3/4		3/4	3/4		3/4	3/4	
4	1,457.13	4	1,177.63	4	900.23	4	623.28	4	345.60	4	72.65	4		4	4		4	4	
1/4	1,451.31	1/4	1,171.81	1/4	894.48	1/4	617.50	1/4	339.82	1/4	66.87	1/4		1/4	1/4		1/4	1/4	
1/2	1,445.49	1/2	1,165.99	1/2	888.73	1/2	611.71	1/2	334.03	1/2	61.08	1/2		1/2	1/2		1/2	1/2	
3/4	1,439.66	3/4	1,160.16	3/4	882.98	3/4	605.93	3/4	328.25	3/4	55.30	3/4		3/4	3/4		3/4	3/4	
5	1,433.84	5	1,154.34	5	877.24	5	600.14	5	322.46	5	49.51	5		5	5		5	5	
1/4	1,428.02	1/4	1,148.52	1/4	871.49	1/4	594.36	1/4	316.68	1/4	43.73	1/4		1/4	1/4		1/4	1/4	
1/2	1,422.20	1/2	1,142.69	1/2	865.74	1/2	588.57	1/2	310.89	1/2	38.86	1/2		1/2	1/2		1/2	1/2	
3/4	1,416.37	3/4	1,136.87	3/4	859.99	3/4	582.79	3/4	305.11	3/4	33.99	3/4		3/4	3/4		3/4	3/4	
6	1,410.55	6	1,131.04	6	854.25	6	577.00	6	299.32	6	29.13	6		6	6		6	6	
1/4	1,404.73	1/4	1,125.22	1/4	848.50	1/4	571.22	1/4	293.54	1/4	24.26	1/4		1/4	1/4		1/4	1/4	
1/2	1,398.91	1/2	1,119.40	1/2	842.75	1/2	565.43	1/2	287.75	1/2	20.79	1/2		1/2	1/2		1/2	1/2	
3/4	1,393.08	3/4	1,113.57	3/4	837.00	3/4	559.65	3/4	281.97	3/4	17.31	3/4		3/4	3/4		3/4	3/4	
7	1,387.26	7	1,107.75	7	831.25	7	553.86	7	276.18	7	13.84	7		7	7		7	7	
1/4	1,381.44	1/4	1,101.93	1/4	825.50	1/4	548.08	1/4	270.40	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,375.61	1/2	1,096.11	1/2	819.75	1/2	542.29	1/2	264.61	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,369.79	3/4	1,090.28	3/4	814.00	3/4	536.51	3/4	258.83	3/4		3/4		3/4	3/4		3/4	3/4	
8	1,363.96	8	1,084.46	8	808.26	8	530.72	8	253.04	8		8		8	8		8	8	
1/4	1,358.14	1/4	1,078.64	1/4	802.51	1/4	524.94	1/4	247.26	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,352.32	1/2	1,072.83	1/2	796.75	1/2	519.15	1/2	241.52	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,346.49	3/4	1,067.03	3/4	790.99	3/4	513.37	3/4	235.79	3/4		3/4		3/4	3/4		3/4	3/4	
9	1,340.67	9	1,061.22	9	785.24	9	507.58	9	230.05	9		9		9	9		9	9	
1/4	1,334.85	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	1/4	
1/2	1,329.03	1/2	1,049.67	1/2	773.69	1/2	496.01	1/2	218.73	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,323.20	3/4	1,043.92	3/4	767.91	3/4	490.23	3/4	213.14	3/4		3/4		3/4	3/4		3/4	3/4	
10	1,317.38	10	1,038.18	10	762.12	10	484.44	10	207.56	10		10		10	10		10	10	
1/4	1,311.56	1/4	1,032.43	1/4	756.34	1/4	478.66	1/4	201.97	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,305.74	1/2	1,026.68	1/2	750.55	1/2	472.87	1/2	196.38	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,299.91	3/4	1,020.93	3/4	744.77	3/4	467.09	3/4	190.79	3/4		3/4		3/4	3/4		3/4	3/4	
11	1,294.09	11	1,015.19	11	738.98	11	461.30	11	185.21	11		11		11	11		11	11	
1/4	1,288.27	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	1/4	
1/2	1,282.45	1/2	1,003.69	1/2	727.41	1/2	449.73	1/2	174.03	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,276.62	3/4	997.94	3/4	721.63	3/4	443.95	3/4	168.44	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: 08/15/2018 SW  
REPRINTED: 08/17/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "HTCO 3065"

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	3,495.93	0	3,227.32	0	2,947.82	0	2,668.32	0	2,388.81	0	2,109.31	0	1,829.80
1/4		1/4		1/4		1/4	3,492.66	1/4	3,221.50	1/4	2,942.00	1/4	2,662.50	1/4	2,382.99	1/4	2,103.49	1/4	1,823.98
1/2		1/2		1/2		1/2	3,488.38	1/2	3,215.68	1/2	2,936.18	1/2	2,656.67	1/2	2,377.17	1/2	2,097.67	1/2	1,818.16
3/4		3/4		3/4		3/4	3,484.11	3/4	3,209.85	3/4	2,930.35	3/4	2,650.85	3/4	2,371.34	3/4	2,091.84	3/4	1,812.33
1		1		1		1	3,479.83	1	3,204.03	1	2,924.53	1	2,645.02	1	2,365.52	1	2,086.02	1	1,806.51
1/4		1/4		1/4		1/4	3,475.55	1/4	3,198.21	1/4	2,918.71	1/4	2,639.20	1/4	2,359.70	1/4	2,080.20	1/4	1,800.69
1/2		1/2		1/2		1/2	3,470.27	1/2	3,192.39	1/2	2,912.89	1/2	2,633.38	1/2	2,353.88	1/2	2,074.37	1/2	1,794.87
3/4		3/4		3/4		3/4	3,464.99	3/4	3,186.56	3/4	2,907.06	3/4	2,627.55	3/4	2,348.05	3/4	2,068.55	3/4	1,789.04
2		2		2		2	3,459.70	2	3,180.74	2	2,901.24	2	2,621.73	2	2,342.23	2	2,062.72	2	1,783.22
1/4		1/4		1/4		1/4	3,454.42	1/4	3,174.92	1/4	2,895.42	1/4	2,615.91	1/4	2,336.41	1/4	2,056.90	1/4	1,777.40
1/2		1/2		1/2		1/2	3,448.60	1/2	3,169.10	1/2	2,889.59	1/2	2,610.09	1/2	2,330.59	1/2	2,051.08	1/2	1,771.58
3/4		3/4		3/4		3/4	3,442.78	3/4	3,163.27	3/4	2,883.77	3/4	2,604.26	3/4	2,324.76	3/4	2,045.25	3/4	1,765.75
3		3		3		3	3,436.95	3	3,157.45	3	2,877.94	3	2,598.44	3	2,318.94	3	2,039.43	3	1,759.93
1/4		1/4		1/4		1/4	3,431.13	1/4	3,151.63	1/4	2,872.12	1/4	2,592.62	1/4	2,313.12	1/4	2,033.61	1/4	1,754.11
1/2		1/2		1/2		1/2	3,425.31	1/2	3,145.81	1/2	2,866.30	1/2	2,586.80	1/2	2,307.29	1/2	2,027.79	1/2	1,748.29
3/4		3/4		3/4		3/4	3,419.49	3/4	3,139.98	3/4	2,860.47	3/4	2,580.97	3/4	2,301.47	3/4	2,021.96	3/4	1,742.46
4		4		4		4	3,413.66	4	3,134.16	4	2,854.65	4	2,575.15	4	2,295.64	4	2,016.14	4	1,736.64
1/4		1/4		1/4		1/4	3,407.84	1/4	3,128.34	1/4	2,848.83	1/4	2,569.33	1/4	2,289.82	1/4	2,010.32	1/4	1,730.82
1/2		1/2		1/2		1/2	3,402.02	1/2	3,122.51	1/2	2,843.01	1/2	2,563.51	1/2	2,284.00	1/2	2,004.50	1/2	1,724.99
3/4		3/4		3/4		3/4	3,396.20	3/4	3,116.69	3/4	2,837.18	3/4	2,557.68	3/4	2,278.17	3/4	1,998.67	3/4	1,719.17
5		5		5		5	3,390.37	5	3,110.86	5	2,831.36	5	2,551.86	5	2,272.35	5	1,992.85	5	1,713.34
1/4		1/4		1/4		1/4	3,384.55	1/4	3,105.04	1/4	2,825.54	1/4	2,546.04	1/4	2,266.53	1/4	1,987.03	1/4	1,707.52
1/2		1/2		1/2		1/2	3,378.73	1/2	3,099.22	1/2	2,819.72	1/2	2,540.21	1/2	2,260.71	1/2	1,981.21	1/2	1,701.70
3/4		3/4		3/4		3/4	3,372.91	3/4	3,093.39	3/4	2,813.89	3/4	2,534.39	3/4	2,254.88	3/4	1,975.38	3/4	1,695.87
6		6		6		6	3,367.08	6	3,087.57	6	2,808.07	6	2,528.56	6	2,249.06	6	1,969.56	6	1,690.05
1/4		1/4		1/4		1/4	3,361.26	1/4	3,081.75	1/4	2,802.25	1/4	2,522.74	1/4	2,243.24	1/4	1,963.74	1/4	1,684.23
1/2		1/2		1/2		1/2	3,355.44	1/2	3,075.93	1/2	2,796.43	1/2	2,516.92	1/2	2,237.42	1/2	1,957.91	1/2	1,678.41
3/4		3/4		3/4		3/4	3,349.61	3/4	3,070.10	3/4	2,790.60	3/4	2,511.09	3/4	2,231.59	3/4	1,952.09	3/4	1,672.58
7		7		7		7	3,343.79	7	3,064.28	7	2,784.78	7	2,505.27	7	2,225.77	7	1,946.26	7	1,666.76
1/4		1/4		1/4		1/4	3,337.96	1/4	3,058.46	1/4	2,778.96	1/4	2,499.45	1/4	2,219.95	1/4	1,940.44	1/4	1,660.94
1/2		1/2		1/2		1/2	3,332.14	1/2	3,052.64	1/2	2,773.13	1/2	2,493.63	1/2	2,214.13	1/2	1,934.62	1/2	1,655.12
3/4		3/4		3/4		3/4	3,326.32	3/4	3,046.81	3/4	2,767.31	3/4	2,487.80	3/4	2,208.30	3/4	1,928.79	3/4	1,649.29
8		8		8		8	3,320.49	8	3,040.99	8	2,761.48	8	2,481.98	8	2,202.48	8	1,922.97	8	1,643.47
1/4		1/4		1/4		1/4	3,314.67	1/4	3,035.17	1/4	2,755.66	1/4	2,476.16	1/4	2,196.66	1/4	1,917.15	1/4	1,637.65
1/2		1/2		1/2		1/2	3,308.85	1/2	3,029.35	1/2	2,749.84	1/2	2,470.34	1/2	2,190.83	1/2	1,911.33	1/2	1,631.83
3/4		3/4		3/4		3/4	3,303.03	3/4	3,023.52	3/4	2,744.01	3/4	2,464.51	3/4	2,185.01	3/4	1,905.50	3/4	1,626.00
9		9		9		9	3,297.20	9	3,017.70	9	2,738.19	9	2,458.69	9	2,179.18	9	1,899.68	9	1,620.18
1/4		1/4		1/4		1/4	3,291.38	1/4	3,011.88	1/4	2,732.37	1/4	2,452.87	1/4	2,173.36	1/4	1,893.86	1/4	1,614.36
1/2		1/2		1/2		1/2	3,285.56	1/2	3,006.05	1/2	2,726.55	1/2	2,447.05	1/2	2,167.54	1/2	1,888.04	1/2	1,608.53
3/4		3/4		3/4		3/4	3,279.74	3/4	3,000.23	3/4	2,720.72	3/4	2,441.22	3/4	2,161.71	3/4	1,882.21	3/4	1,602.71
10		10		10		10	3,273.91	10	2,994.40	10	2,714.90	10	2,435.40	10	2,155.89	10	1,876.39	10	1,596.88
1/4		1/4		1/4		1/4	3,268.09	1/4	2,988.58	1/4	2,709.08	1/4	2,429.58	1/4	2,150.07	1/4	1,870.57	1/4	1,591.06
1/2		1/2		1/2		1/2	3,262.27	1/2	2,982.76	1/2	2,703.26	1/2	2,423.75	1/2	2,144.25	1/2	1,864.75	1/2	1,585.24
3/4		3/4		3/4		3/4	3,256.44	3/4	2,976.93	3/4	2,697.43	3/4	2,417.93	3/4	2,138.42	3/4	1,858.92	3/4	1,579.41
11		11		11		11	3,250.62	11	2,971.11	11	2,691.61	11	2,412.10	11	2,132.60	11	1,853.10	11	1,573.59
1/4		1/4		1/4		1/4	3,244.80	1/4	2,965.29	1/4	2,685.79	1/4	2,406.28	1/4	2,126.78	1/4	1,847.28	1/4	1,567.77
1/2		1/2		1/2		1/2	3,238.97	1/2	2,959.47	1/2	2,679.97	1/2	2,400.46	1/2	2,120.96	1/2	1,841.45	1/2	1,561.95
3/4		3/4		3/4		3/4	3,233.15	3/4	2,953.64	3/4	2,674.14	3/4	2,394.63	3/4	2,115.13	3/4	1,835.63	3/4	1,556.12

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 3065"

**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	1,550.30	0	1,270.80	0	992.20	0	715.84	0	438.16	0	162.85	0		0		0		0	
1/4	1,544.48	1/4	1,264.98	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	1,538.66	1/2	1,259.15	1/2	980.70	1/2	704.27	1/2	426.59	1/2	151.67	1/2		1/2		1/2		1/2	
3/4	1,532.83	3/4	1,253.33	3/4	974.95	3/4	698.49	3/4	420.81	3/4	146.08	3/4		3/4		3/4		3/4	
1	1,527.01	1	1,247.50	1	969.21	1	692.70	1	415.02	1	140.50	1		1		1		1	
1/4	1,521.19	1/4	1,241.68	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	1,515.37	1/2	1,235.86	1/2	957.71	1/2	681.13	1/2	403.45	1/2	129.32	1/2		1/2		1/2		1/2	
3/4	1,509.54	3/4	1,230.03	3/4	951.96	3/4	675.35	3/4	397.67	3/4	123.73	3/4		3/4		3/4		3/4	
2	1,503.72	2	1,224.21	2	946.21	2	669.56	2	391.88	2	118.15	2		2		2		2	
1/4	1,497.90	1/4	1,218.39	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	1,492.07	1/2	1,212.57	1/2	934.71	1/2	657.99	1/2	380.31	1/2	106.92	1/2		1/2		1/2		1/2	
3/4	1,486.25	3/4	1,206.74	3/4	928.96	3/4	652.21	3/4	374.53	3/4	101.28	3/4		3/4		3/4		3/4	
3	1,480.42	3	1,200.92	3	923.22	3	646.42	3	368.74	3	95.65	3		3		3		3	
1/4	1,474.60	1/4	1,195.10	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	1,468.78	1/2	1,189.28	1/2	911.72	1/2	634.85	1/2	357.17	1/2	84.22	1/2		1/2		1/2		1/2	
3/4	1,462.95	3/4	1,183.45	3/4	905.97	3/4	629.07	3/4	351.39	3/4	78.44	3/4		3/4		3/4		3/4	
4	1,457.13	4	1,177.63	4	900.23	4	623.28	4	345.60	4	72.65	4		4		4		4	
1/4	1,451.31	1/4	1,171.81	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	1,445.49	1/2	1,165.99	1/2	888.73	1/2	611.71	1/2	334.03	1/2	61.08	1/2		1/2		1/2		1/2	
3/4	1,439.66	3/4	1,160.16	3/4	882.98	3/4	605.93	3/4	328.25	3/4	55.30	3/4		3/4		3/4		3/4	
5	1,433.84	5	1,154.34	5	877.24	5	600.14	5	322.46	5	49.51	5		5		5		5	
1/4	1,428.02	1/4	1,148.52	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	1,422.20	1/2	1,142.69	1/2	865.74	1/2	588.57	1/2	310.89	1/2	38.86	1/2		1/2		1/2		1/2	
3/4	1,416.37	3/4	1,136.87	3/4	859.99	3/4	582.79	3/4	305.11	3/4	33.99	3/4		3/4		3/4		3/4	
6	1,410.55	6	1,131.04	6	854.25	6	577.00	6	299.32	6	29.13	6		6		6		6	
1/4	1,404.73	1/4	1,125.22	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	1,398.91	1/2	1,119.40	1/2	842.75	1/2	565.43	1/2	287.75	1/2	20.79	1/2		1/2		1/2		1/2	
3/4	1,393.08	3/4	1,113.57	3/4	837.00	3/4	559.65	3/4	281.97	3/4	17.31	3/4		3/4		3/4		3/4	
7	1,387.26	7	1,107.75	7	831.25	7	553.86	7	276.18	7	13.84	7		7		7		7	
1/4	1,381.44	1/4	1,101.93	1/4	825.50	1/4	548.08	1/4	270.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,375.61	1/2	1,096.11	1/2	819.75	1/2	542.29	1/2	264.61	1/2		1/2		1/2		1/2		1/2	
3/4	1,369.79	3/4	1,090.28	3/4	814.00	3/4	536.51	3/4	258.83	3/4		3/4		3/4		3/4		3/4	
8	1,363.96	8	1,084.46	8	808.26	8	530.72	8	253.04	8		8		8		8		8	
1/4	1,358.14	1/4	1,078.64	1/4	802.51	1/4	524.94	1/4	247.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,352.32	1/2	1,072.83	1/2	796.75	1/2	519.15	1/2	241.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,346.49	3/4	1,067.03	3/4	790.99	3/4	513.37	3/4	235.79	3/4		3/4		3/4		3/4		3/4	
9	1,340.67	9	1,061.22	9	785.24	9	507.58	9	230.05	9		9		9		9		9	
1/4	1,334.85	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	1,329.03	1/2	1,049.67	1/2	773.69	1/2	496.01	1/2	218.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,323.20	3/4	1,043.92	3/4	767.91	3/4	490.23	3/4	213.14	3/4		3/4		3/4		3/4		3/4	
10	1,317.38	10	1,038.18	10	762.12	10	484.44	10	207.56	10		10		10		10		10	
1/4	1,311.56	1/4	1,032.43	1/4	756.34	1/4	478.66	1/4	201.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,305.74	1/2	1,026.68	1/2	750.55	1/2	472.87	1/2	196.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,299.91	3/4	1,020.93	3/4	744.77	3/4	467.09	3/4	190.79	3/4		3/4		3/4		3/4		3/4	
11	1,294.09	11	1,015.19	11	738.98	11	461.30	11	185.21	11		11		11		11		11	
1/4	1,288.27	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	1,282.45	1/2	1,003.69	1/2	727.41	1/2	449.73	1/2	174.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,276.62	3/4	997.94	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: 08/15/2018 SW  
 REPRINTED: 08/17/2018 SW

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 08/2018

PRECISION MEASUREMENT  
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# BARGE "HTCO 3065"

## 4 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	3,164.25	0	3,069.47	0	2,940.50	0	2,663.91	0	2,385.18	0	2,106.45	0	1,827.71
1/4		1/4		1/4		1/4	3,163.08	1/4	3,067.40	1/4	2,935.39	1/4	2,658.11	1/4	2,379.37	1/4	2,100.64	1/4	1,821.90
1/2		1/2		1/2		1/2	3,161.91	1/2	3,065.33	1/2	2,930.28	1/2	2,652.30	1/2	2,373.56	1/2	2,094.83	1/2	1,816.09
3/4		3/4		3/4		3/4	3,160.37	3/4	3,063.26	3/4	2,924.66	3/4	2,646.49	3/4	2,367.76	3/4	2,089.02	3/4	1,810.28
1		1		1		1	3,158.83	1	3,061.18	1	2,919.04	1	2,640.68	1	2,361.95	1	2,083.22	1	1,804.48
1/4		1/4		1/4		1/4	3,157.29	1/4	3,059.11	1/4	2,913.43	1/4	2,634.88	1/4	2,356.15	1/4	2,077.41	1/4	1,798.67
1/2		1/2		1/2		1/2	3,155.75	1/2	3,057.04	1/2	2,907.81	1/2	2,629.07	1/2	2,350.34	1/2	2,071.60	1/2	1,792.86
3/4		3/4		3/4		3/4	3,153.86	3/4	3,054.97	3/4	2,902.00	3/4	2,623.26	3/4	2,344.53	3/4	2,065.79	3/4	1,787.06
2		2		2		2	3,151.98	2	3,052.89	2	2,896.19	2	2,617.45	2	2,338.73	2	2,059.99	2	1,781.25
1/4		1/4		1/4		1/4	3,150.09	1/4	3,050.82	1/4	2,890.39	1/4	2,611.65	1/4	2,332.92	1/4	2,054.18	1/4	1,775.45
1/2		1/2		1/2		1/2	3,148.21	1/2	3,048.75	1/2	2,884.58	1/2	2,605.84	1/2	2,327.11	1/2	2,048.37	1/2	1,769.64
3/4		3/4		3/4		3/4	3,146.14	3/4	3,046.68	3/4	2,878.77	3/4	2,600.03	3/4	2,321.30	3/4	2,042.56	3/4	1,763.83
3		3		3		3	3,144.07	3	3,044.61	3	2,872.96	3	2,594.23	3	2,315.50	3	2,036.76	3	1,758.03
1/4		1/4		1/4		1/4	3,141.99	1/4	3,042.54	1/4	2,867.16	1/4	2,588.42	1/4	2,309.69	1/4	2,030.95	1/4	1,752.22
1/2		1/2		1/2		1/2	3,139.92	1/2	3,040.47	1/2	2,861.35	1/2	2,582.62	1/2	2,303.88	1/2	2,025.14	1/2	1,746.41
3/4		3/4		3/4		3/4	3,137.85	3/4	3,038.40	3/4	2,855.54	3/4	2,576.81	3/4	2,298.07	3/4	2,019.34	3/4	1,740.60
4		4		4		4	3,135.78	4	3,036.32	4	2,849.73	4	2,571.00	4	2,292.27	4	2,013.53	4	1,734.80
1/4		1/4		1/4		1/4	3,133.70	1/4	3,034.25	1/4	2,843.93	1/4	2,565.20	1/4	2,286.46	1/4	2,007.73	1/4	1,728.99
1/2		1/2		1/2		1/2	3,131.63	1/2	3,032.18	1/2	2,838.12	1/2	2,559.39	1/2	2,280.65	1/2	2,001.92	1/2	1,723.18
3/4		3/4		3/4		3/4	3,129.56	3/4	3,030.11	3/4	2,832.31	3/4	2,553.58	3/4	2,274.84	3/4	1,996.11	3/4	1,717.37
5		5		5		5	3,127.49	5	3,028.03	5	2,826.51	5	2,547.77	5	2,269.04	5	1,990.31	5	1,711.57
1/4		1/4		1/4		1/4	3,125.42	1/4	3,025.96	1/4	2,820.70	1/4	2,541.97	1/4	2,263.23	1/4	1,984.50	1/4	1,705.76
1/2		1/2		1/2		1/2	3,123.35	1/2	3,023.89	1/2	2,814.90	1/2	2,536.16	1/2	2,257.42	1/2	1,978.69	1/2	1,699.95
3/4		3/4		3/4		3/4	3,121.28	3/4	3,021.82	3/4	2,809.09	3/4	2,530.35	3/4	2,251.62	3/4	1,972.88	3/4	1,694.14
6		6		6		6	3,119.21	6	3,019.74	6	2,803.28	6	2,524.54	6	2,245.81	6	1,967.08	6	1,688.34
1/4		1/4		1/4		1/4	3,117.13	1/4	3,017.67	1/4	2,797.48	1/4	2,518.74	1/4	2,240.01	1/4	1,961.27	1/4	1,682.53
1/2		1/2		1/2		1/2	3,115.06	1/2	3,015.60	1/2	2,791.67	1/2	2,512.93	1/2	2,234.20	1/2	1,955.46	1/2	1,676.72
3/4		3/4		3/4		3/4	3,112.99	3/4	3,013.47	3/4	2,785.86	3/4	2,507.12	3/4	2,228.39	3/4	1,949.65	3/4	1,670.92
7		7		7		7	3,110.92	7	3,011.33	7	2,780.05	7	2,501.31	7	2,222.59	7	1,943.85	7	1,665.11
1/4		1/4		1/4		1/4	3,108.84	1/4	3,009.20	1/4	2,774.25	1/4	2,495.51	1/4	2,216.78	1/4	1,938.04	1/4	1,659.31
1/2		1/2		1/2		1/2	3,106.77	1/2	3,007.07	1/2	2,768.44	1/2	2,489.70	1/2	2,210.97	1/2	1,932.23	1/2	1,653.50
3/4		3/4		3/4		3/4	3,104.70	3/4	3,004.48	3/4	2,762.63	3/4	2,483.89	3/4	2,205.16	3/4	1,926.42	3/4	1,647.69
8		8		8		8	3,102.62	8	3,001.89	8	2,756.82	8	2,478.09	8	2,199.36	8	1,920.62	8	1,641.89
1/4		1/4		1/4		1/4	3,100.55	1/4	2,999.30	1/4	2,751.02	1/4	2,472.28	1/4	2,193.55	1/4	1,914.81	1/4	1,636.08
1/2		1/2		1/2		1/2	3,098.48	1/2	2,996.71	1/2	2,745.21	1/2	2,466.48	1/2	2,187.74	1/2	1,909.00	1/2	1,630.27
3/4		3/4		3/4		3/4	3,096.41	3/4	2,993.52	3/4	2,739.40	3/4	2,460.67	3/4	2,181.93	3/4	1,903.20	3/4	1,624.46
9		9		9		9	3,094.33	9	2,990.32	9	2,733.59	9	2,454.86	9	2,176.13	9	1,897.39	9	1,618.66
1/4		1/4		1/4		1/4	3,092.26	1/4	2,987.13	1/4	2,727.79	1/4	2,449.06	1/4	2,170.32	1/4	1,891.59	1/4	1,612.85
1/2		1/2		1/2		1/2	3,090.19	1/2	2,983.94	1/2	2,721.98	1/2	2,443.25	1/2	2,164.51	1/2	1,885.78	1/2	1,607.04
3/4		3/4		3/4		3/4	3,088.12	3/4	2,980.11	3/4	2,716.17	3/4	2,437.44	3/4	2,158.70	3/4	1,879.97	3/4	1,601.23
10		10		10		10	3,086.05	10	2,976.27	10	2,710.37	10	2,431.63	10	2,152.90	10	1,874.17	10	1,595.43
1/4		1/4		1/4		1/4	3,083.98	1/4	2,972.44	1/4	2,704.56	1/4	2,425.83	1/4	2,147.09	1/4	1,868.36	1/4	1,589.62
1/2		1/2		1/2		1/2	3,081.91	1/2	2,968.61	1/2	2,698.76	1/2	2,420.02	1/2	2,141.28	1/2	1,862.55	1/2	1,583.81
3/4		3/4		3/4		3/4	3,079.84	3/4	2,964.14	3/4	2,692.95	3/4	2,414.21	3/4	2,135.48	3/4	1,856.74	3/4	1,578.00
11		11		11		11	3,077.76	11	2,959.67	11	2,687.14	11	2,408.41	11	2,129.67	11	1,850.94	11	1,572.20
1/4		1/4		1/4		1/4	3,075.69	1/4	2,955.20	1/4	2,681.34	1/4	2,402.60	1/4	2,123.87	1/4	1,845.13	1/4	1,566.39
1/2		1/2		1/2		1/2	3,073.62	1/2	2,950.73	1/2	2,675.53	1/2	2,396.79	1/2	2,118.06	1/2	1,839.32	1/2	1,560.58
3/4		3/4		3/4		3/4	3,071.55	3/4	2,945.62	3/4	2,669.72	3/4	2,390.98	3/4	2,112.25	3/4	1,833.51	3/4	1,554.78

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 3065"

## 4 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	1,548.97	0	1,270.24	0	992.50	0	717.75	0	441.70	0	167.64	0		0		0		0	
1/4	1,543.17	1/4	1,264.43	1/4	986.79	1/4	711.99	1/4	435.95	1/4	162.07	1/4		1/4		1/4		1/4	
1/2	1,537.36	1/2	1,258.62	1/2	981.07	1/2	706.24	1/2	430.20	1/2	156.50	1/2		1/2		1/2		1/2	
3/4	1,531.55	3/4	1,252.81	3/4	975.35	3/4	700.49	3/4	424.45	3/4	150.93	3/4		3/4		3/4		3/4	
1	1,525.75	1	1,247.01	1	969.64	1	694.74	1	418.70	1	145.36	1		1		1		1	
1/4	1,519.94	1/4	1,241.20	1/4	963.92	1/4	688.99	1/4	412.94	1/4	139.79	1/4		1/4		1/4		1/4	
1/2	1,514.13	1/2	1,235.39	1/2	958.20	1/2	683.24	1/2	407.19	1/2	134.22	1/2		1/2		1/2		1/2	
3/4	1,508.32	3/4	1,229.58	3/4	952.49	3/4	677.49	3/4	401.44	3/4	128.65	3/4		3/4		3/4		3/4	
2	1,502.52	2	1,223.78	2	946.77	2	671.74	2	395.69	2	123.08	2		2		2		2	
1/4	1,496.71	1/4	1,217.97	1/4	941.06	1/4	665.99	1/4	389.94	1/4	117.51	1/4		1/4		1/4		1/4	
1/2	1,490.90	1/2	1,212.16	1/2	935.34	1/2	660.24	1/2	384.19	1/2	111.94	1/2		1/2		1/2		1/2	
3/4	1,485.09	3/4	1,206.36	3/4	929.62	3/4	654.49	3/4	378.44	3/4	106.33	3/4		3/4		3/4		3/4	
3	1,479.29	3	1,200.55	3	923.91	3	648.74	3	372.69	3	100.71	3		3		3		3	
1/4	1,473.48	1/4	1,194.75	1/4	918.19	1/4	642.98	1/4	366.93	1/4	95.10	1/4		1/4		1/4		1/4	
1/2	1,467.67	1/2	1,188.94	1/2	912.47	1/2	637.23	1/2	361.18	1/2	89.48	1/2		1/2		1/2		1/2	
3/4	1,461.86	3/4	1,183.13	3/4	906.76	3/4	631.48	3/4	355.43	3/4	83.73	3/4		3/4		3/4		3/4	
4	1,456.06	4	1,177.33	4	901.04	4	625.73	4	349.68	4	77.98	4		4		4		4	
1/4	1,450.25	1/4	1,171.52	1/4	895.33	1/4	619.98	1/4	343.93	1/4	72.23	1/4		1/4		1/4		1/4	
1/2	1,444.44	1/2	1,165.71	1/2	889.61	1/2	614.23	1/2	338.18	1/2	66.48	1/2		1/2		1/2		1/2	
3/4	1,438.64	3/4	1,159.90	3/4	883.90	3/4	608.48	3/4	332.43	3/4	60.73	3/4		3/4		3/4		3/4	
5	1,432.83	5	1,154.10	5	878.18	5	602.73	5	326.68	5	54.98	5		5		5		5	
1/4	1,427.03	1/4	1,148.29	1/4	872.47	1/4	596.97	1/4	320.93	1/4	49.22	1/4		1/4		1/4		1/4	
1/2	1,421.22	1/2	1,142.48	1/2	866.75	1/2	591.22	1/2	315.18	1/2	43.47	1/2		1/2		1/2		1/2	
3/4	1,415.41	3/4	1,136.67	3/4	861.03	3/4	585.47	3/4	309.43	3/4	38.63	3/4		3/4		3/4		3/4	
6	1,409.61	6	1,130.87	6	855.32	6	579.72	6	303.68	6	33.79	6		6		6		6	
1/4	1,403.80	1/4	1,125.06	1/4	849.60	1/4	573.97	1/4	297.92	1/4	28.95	1/4		1/4		1/4		1/4	
1/2	1,397.99	1/2	1,119.25	1/2	843.88	1/2	568.22	1/2	292.17	1/2	24.11	1/2		1/2		1/2		1/2	
3/4	1,392.18	3/4	1,113.44	3/4	838.17	3/4	562.47	3/4	286.42	3/4	20.66	3/4		3/4		3/4		3/4	
7	1,386.38	7	1,107.64	7	832.45	7	556.72	7	280.67	7	17.21	7		7		7		7	
1/4	1,380.57	1/4	1,101.83	1/4	826.74	1/4	550.97	1/4	274.92	1/4	13.76	1/4		1/4		1/4		1/4	
1/2	1,374.76	1/2	1,096.02	1/2	821.02	1/2	545.22	1/2	269.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,368.95	3/4	1,090.22	3/4	815.30	3/4	539.47	3/4	263.42	3/4		3/4		3/4		3/4		3/4	
8	1,363.15	8	1,084.41	8	809.59	8	533.72	8	257.67	8		8		8		8		8	
1/4	1,357.34	1/4	1,078.61	1/4	803.87	1/4	527.96	1/4	251.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,351.53	1/2	1,072.80	1/2	798.15	1/2	522.21	1/2	246.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,345.72	3/4	1,067.02	3/4	792.43	3/4	516.46	3/4	240.46	3/4		3/4		3/4		3/4		3/4	
9	1,339.92	9	1,061.23	9	786.71	9	510.71	9	234.75	9		9		9		9		9	
1/4	1,334.11	1/4	1,055.45	1/4	780.98	1/4	504.96	1/4	229.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,328.30	1/2	1,049.66	1/2	775.26	1/2	499.21	1/2	223.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,322.50	3/4	1,043.95	3/4	769.51	3/4	493.46	3/4	217.77	3/4		3/4		3/4		3/4		3/4	
10	1,316.69	10	1,038.23	10	763.76	10	487.71	10	212.20	10		10		10		10		10	
1/4	1,310.89	1/4	1,032.52	1/4	758.00	1/4	481.95	1/4	206.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,305.08	1/2	1,026.80	1/2	752.25	1/2	476.20	1/2	201.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,299.27	3/4	1,021.08	3/4	746.50	3/4	470.45	3/4	195.49	3/4		3/4		3/4		3/4		3/4	
11	1,293.47	11	1,015.37	11	740.75	11	464.70	11	189.92	11		11		11		11		11	
1/4	1,287.66	1/4	1,009.65	1/4	735.00	1/4	458.95	1/4	184.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,281.85	1/2	1,003.93	1/2	729.25	1/2	453.20	1/2	178.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,276.04	3/4	998.22	3/4	723.50	3/4	447.45	3/4	173.21	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.  
RECALCULATED: 08/15/2018 SW  
REPRINTED: 08/17/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2018

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



# BARGE "HTCO 3065"

4 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	3,163.08	0	3,067.40	0	2,935.39	0	2,658.11	0	2,379.37	0	2,100.64	0	1,821.90
1/4		1/4		1/4		1/4	3,161.91	1/4	3,065.33	1/4	2,930.28	1/4	2,652.30	1/4	2,373.56	1/4	2,094.83	1/4	1,816.09
1/2		1/2		1/2		1/2	3,160.37	1/2	3,063.26	1/2	2,924.66	1/2	2,646.49	1/2	2,367.76	1/2	2,089.02	1/2	1,810.28
3/4		3/4		3/4		3/4	3,158.83	3/4	3,061.18	3/4	2,919.04	3/4	2,640.68	3/4	2,361.95	3/4	2,083.22	3/4	1,804.48
1		1		1		1	3,157.29	1	3,059.11	1	2,913.43	1	2,634.88	1	2,356.15	1	2,077.41	1	1,798.67
1/4		1/4		1/4		1/4	3,155.75	1/4	3,057.04	1/4	2,907.81	1/4	2,629.07	1/4	2,350.34	1/4	2,071.60	1/4	1,792.86
1/2		1/2		1/2		1/2	3,153.86	1/2	3,054.97	1/2	2,902.00	1/2	2,623.26	1/2	2,344.53	1/2	2,065.79	1/2	1,787.06
3/4		3/4		3/4		3/4	3,151.98	3/4	3,052.89	3/4	2,896.19	3/4	2,617.45	3/4	2,338.73	3/4	2,059.99	3/4	1,781.25
2		2		2		2	3,150.09	2	3,050.82	2	2,890.39	2	2,611.65	2	2,332.92	2	2,054.18	2	1,775.45
1/4		1/4		1/4		1/4	3,148.21	1/4	3,048.75	1/4	2,884.58	1/4	2,605.84	1/4	2,327.11	1/4	2,048.37	1/4	1,769.64
1/2		1/2		1/2		1/2	3,146.14	1/2	3,046.68	1/2	2,878.77	1/2	2,600.03	1/2	2,321.30	1/2	2,042.56	1/2	1,763.83
3/4		3/4		3/4		3/4	3,144.07	3/4	3,044.61	3/4	2,872.96	3/4	2,594.23	3/4	2,315.50	3/4	2,036.76	3/4	1,758.03
3		3		3		3	3,141.99	3	3,042.54	3	2,867.16	3	2,588.42	3	2,309.69	3	2,030.95	3	1,752.22
1/4		1/4		1/4		1/4	3,139.92	1/4	3,040.47	1/4	2,861.35	1/4	2,582.62	1/4	2,303.88	1/4	2,025.14	1/4	1,746.41
1/2		1/2		1/2		1/2	3,137.85	1/2	3,038.40	1/2	2,855.54	1/2	2,576.81	1/2	2,298.07	1/2	2,019.34	1/2	1,740.60
3/4		3/4		3/4		3/4	3,135.78	3/4	3,036.32	3/4	2,849.73	3/4	2,571.00	3/4	2,292.27	3/4	2,013.53	3/4	1,734.80
4		4		4		4	3,133.70	4	3,034.25	4	2,843.93	4	2,565.20	4	2,286.46	4	2,007.73	4	1,728.99
1/4		1/4		1/4		1/4	3,131.63	1/4	3,032.18	1/4	2,838.12	1/4	2,559.39	1/4	2,280.65	1/4	2,001.92	1/4	1,723.18
1/2		1/2		1/2		1/2	3,129.56	1/2	3,030.11	1/2	2,832.31	1/2	2,553.58	1/2	2,274.84	1/2	1,996.11	1/2	1,717.37
3/4		3/4		3/4		3/4	3,127.49	3/4	3,028.03	3/4	2,826.51	3/4	2,547.77	3/4	2,269.04	3/4	1,990.31	3/4	1,711.57
5		5		5		5	3,125.42	5	3,025.96	5	2,820.70	5	2,541.97	5	2,263.23	5	1,984.50	5	1,705.76
1/4		1/4		1/4		1/4	3,123.35	1/4	3,023.89	1/4	2,814.90	1/4	2,536.16	1/4	2,257.42	1/4	1,978.69	1/4	1,699.95
1/2		1/2		1/2		1/2	3,121.28	1/2	3,021.82	1/2	2,809.09	1/2	2,530.35	1/2	2,251.62	1/2	1,972.88	1/2	1,694.14
3/4		3/4		3/4		3/4	3,119.21	3/4	3,019.74	3/4	2,803.28	3/4	2,524.54	3/4	2,245.81	3/4	1,967.08	3/4	1,688.34
6		6		6		6	3,117.13	6	3,017.67	6	2,797.48	6	2,518.74	6	2,240.01	6	1,961.27	6	1,682.53
1/4		1/4		1/4		1/4	3,115.06	1/4	3,015.60	1/4	2,791.67	1/4	2,512.93	1/4	2,234.20	1/4	1,955.46	1/4	1,676.72
1/2		1/2		1/2		1/2	3,112.99	1/2	3,013.47	1/2	2,785.86	1/2	2,507.12	1/2	2,228.39	1/2	1,949.65	1/2	1,670.92
3/4		3/4		3/4		3/4	3,110.92	3/4	3,011.33	3/4	2,780.05	3/4	2,501.31	3/4	2,222.59	3/4	1,943.85	3/4	1,665.11
7		7		7		7	3,108.84	7	3,009.20	7	2,774.25	7	2,495.51	7	2,216.78	7	1,938.04	7	1,659.31
1/4		1/4		1/4		1/4	3,106.77	1/4	3,007.07	1/4	2,768.44	1/4	2,489.70	1/4	2,210.97	1/4	1,932.23	1/4	1,653.50
1/2		1/2		1/2		1/2	3,104.70	1/2	3,004.48	1/2	2,762.63	1/2	2,483.89	1/2	2,205.16	1/2	1,926.42	1/2	1,647.69
3/4		3/4		3/4		3/4	3,102.62	3/4	3,001.89	3/4	2,756.82	3/4	2,478.09	3/4	2,199.36	3/4	1,920.62	3/4	1,641.89
8		8		8		8	3,100.55	8	2,999.30	8	2,751.02	8	2,472.28	8	2,193.55	8	1,914.81	8	1,636.08
1/4		1/4		1/4		1/4	3,098.48	1/4	2,996.71	1/4	2,745.21	1/4	2,466.48	1/4	2,187.74	1/4	1,909.00	1/4	1,630.27
1/2		1/2		1/2		1/2	3,096.41	1/2	2,993.52	1/2	2,739.40	1/2	2,460.67	1/2	2,181.93	1/2	1,903.20	1/2	1,624.46
3/4		3/4		3/4		3/4	3,094.33	3/4	2,990.32	3/4	2,733.59	3/4	2,454.86	3/4	2,176.13	3/4	1,897.39	3/4	1,618.66
9		9		9		9	3,092.26	9	2,987.13	9	2,727.79	9	2,449.06	9	2,170.32	9	1,891.59	9	1,612.85
1/4		1/4		1/4		1/4	3,090.19	1/4	2,983.94	1/4	2,721.98	1/4	2,443.25	1/4	2,164.51	1/4	1,885.78	1/4	1,607.04
1/2		1/2		1/2		1/2	3,088.12	1/2	2,980.11	1/2	2,716.17	1/2	2,437.44	1/2	2,158.70	1/2	1,879.97	1/2	1,601.23
3/4		3/4		3/4		3/4	3,086.05	3/4	2,976.27	3/4	2,710.37	3/4	2,431.63	3/4	2,152.90	3/4	1,874.17	3/4	1,595.43
10		10		10		10	3,083.98	10	2,972.44	10	2,704.56	10	2,425.83	10	2,147.09	10	1,868.36	10	1,589.62
1/4		1/4		1/4		1/4	3,081.91	1/4	2,968.61	1/4	2,698.76	1/4	2,420.02	1/4	2,141.28	1/4	1,862.55	1/4	1,583.81
1/2		1/2		1/2		1/2	3,079.84	1/2	2,964.14	1/2	2,692.95	1/2	2,414.21	1/2	2,135.48	1/2	1,856.74	1/2	1,578.00
3/4		3/4		3/4		3/4	3,077.76	3/4	2,959.67	3/4	2,687.14	3/4	2,408.41	3/4	2,129.67	3/4	1,850.94	3/4	1,572.20
11		11		11		11	3,075.69	11	2,955.20	11	2,681.34	11	2,402.60	11	2,123.87	11	1,845.13	11	1,566.39
1/4		1/4		1/4		1/4	3,073.62	1/4	2,950.73	1/4	2,675.53	1/4	2,396.79	1/4	2,118.06	1/4	1,839.32	1/4	1,560.58
1/2		1/2		1/2		1/2	3,071.55	1/2	2,945.62	1/2	2,669.72	1/2	2,390.98	1/2	2,112.25	1/2	1,833.51	1/2	1,554.78
3/4		3/4		3/4		3/4	3,164.25	3/4	3,069.47	3/4	2,940.50	3/4	2,663.91	3/4	2,385.18	3/4	2,106.45	3/4	1,548.97

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 3065"

## 4 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	1,543.17	0	1,264.43	0	986.79	0	711.99	0	435.95	0	162.07	0		0		0		0	
1/4	1,537.36	1/4	1,258.62	1/4	981.07	1/4	706.24	1/4	430.20	1/4	156.50	1/4		1/4	1/4		1/4	1/4	
1/2	1,531.55	1/2	1,252.81	1/2	975.35	1/2	700.49	1/2	424.45	1/2	150.93	1/2		1/2	1/2		1/2	1/2	
3/4	1,525.75	3/4	1,247.01	3/4	969.64	3/4	694.74	3/4	418.70	3/4	145.36	3/4		3/4	3/4		3/4	3/4	
1	1,519.94	1	1,241.20	1	963.92	1	688.99	1	412.94	1	139.79	1		1	1		1	1	
1/4	1,514.13	1/4	1,235.39	1/4	958.20	1/4	683.24	1/4	407.19	1/4	134.22	1/4		1/4	1/4		1/4	1/4	
1/2	1,508.32	1/2	1,229.58	1/2	952.49	1/2	677.49	1/2	401.44	1/2	128.65	1/2		1/2	1/2		1/2	1/2	
3/4	1,502.52	3/4	1,223.78	3/4	946.77	3/4	671.74	3/4	395.69	3/4	123.08	3/4		3/4	3/4		3/4	3/4	
2	1,496.71	2	1,217.97	2	941.06	2	665.99	2	389.94	2	117.51	2		2	2		2	2	
1/4	1,490.90	1/4	1,212.16	1/4	935.34	1/4	660.24	1/4	384.19	1/4	111.94	1/4		1/4	1/4		1/4	1/4	
1/2	1,485.09	1/2	1,206.36	1/2	929.62	1/2	654.49	1/2	378.44	1/2	106.33	1/2		1/2	1/2		1/2	1/2	
3/4	1,479.29	3/4	1,200.55	3/4	923.91	3/4	648.74	3/4	372.69	3/4	100.71	3/4		3/4	3/4		3/4	3/4	
3	1,473.48	3	1,194.75	3	918.19	3	642.98	3	366.93	3	95.10	3		3	3		3	3	
1/4	1,467.67	1/4	1,188.94	1/4	912.47	1/4	637.23	1/4	361.18	1/4	89.48	1/4		1/4	1/4		1/4	1/4	
1/2	1,461.86	1/2	1,183.13	1/2	906.76	1/2	631.48	1/2	355.43	1/2	83.73	1/2		1/2	1/2		1/2	1/2	
3/4	1,456.06	3/4	1,177.33	3/4	901.04	3/4	625.73	3/4	349.68	3/4	77.98	3/4		3/4	3/4		3/4	3/4	
4	1,450.25	4	1,171.52	4	895.33	4	619.98	4	343.93	4	72.23	4		4	4		4	4	
1/4	1,444.44	1/4	1,165.71	1/4	889.61	1/4	614.23	1/4	338.18	1/4	66.48	1/4		1/4	1/4		1/4	1/4	
1/2	1,438.64	1/2	1,159.90	1/2	883.90	1/2	608.48	1/2	332.43	1/2	60.73	1/2		1/2	1/2		1/2	1/2	
3/4	1,432.83	3/4	1,154.10	3/4	878.18	3/4	602.73	3/4	326.68	3/4	54.98	3/4		3/4	3/4		3/4	3/4	
5	1,427.03	5	1,148.29	5	872.47	5	596.97	5	320.93	5	49.22	5		5	5		5	5	
1/4	1,421.22	1/4	1,142.48	1/4	866.75	1/4	591.22	1/4	315.18	1/4	43.47	1/4		1/4	1/4		1/4	1/4	
1/2	1,415.41	1/2	1,136.67	1/2	861.03	1/2	585.47	1/2	309.43	1/2	38.63	1/2		1/2	1/2		1/2	1/2	
3/4	1,409.61	3/4	1,130.87	3/4	855.32	3/4	579.72	3/4	303.68	3/4	33.79	3/4		3/4	3/4		3/4	3/4	
6	1,403.80	6	1,125.06	6	849.60	6	573.97	6	297.92	6	28.95	6		6	6		6	6	
1/4	1,397.99	1/4	1,119.25	1/4	843.88	1/4	568.22	1/4	292.17	1/4	24.11	1/4		1/4	1/4		1/4	1/4	
1/2	1,392.18	1/2	1,113.44	1/2	838.17	1/2	562.47	1/2	286.42	1/2	20.66	1/2		1/2	1/2		1/2	1/2	
3/4	1,386.38	3/4	1,107.64	3/4	832.45	3/4	556.72	3/4	280.67	3/4	17.21	3/4		3/4	3/4		3/4	3/4	
7	1,380.57	7	1,101.83	7	826.74	7	550.97	7	274.92	7	13.76	7		7	7		7	7	
1/4	1,374.76	1/4	1,096.02	1/4	821.02	1/4	545.22	1/4	269.17	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,368.95	1/2	1,090.22	1/2	815.30	1/2	539.47	1/2	263.42	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,363.15	3/4	1,084.41	3/4	809.59	3/4	533.72	3/4	257.67	3/4		3/4		3/4	3/4		3/4	3/4	
8	1,357.34	8	1,078.61	8	803.87	8	527.96	8	251.91	8		8		8	8		8	8	
1/4	1,351.53	1/4	1,072.80	1/4	798.15	1/4	522.21	1/4	246.16	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,345.72	1/2	1,067.02	1/2	792.43	1/2	516.46	1/2	240.46	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,339.92	3/4	1,061.23	3/4	786.71	3/4	510.71	3/4	234.75	3/4		3/4		3/4	3/4		3/4	3/4	
9	1,334.11	9	1,055.45	9	780.98	9	504.96	9	229.05	9		9		9	9		9	9	
1/4	1,328.30	1/4	1,049.66	1/4	775.26	1/4	499.21	1/4	223.34	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,322.50	1/2	1,043.95	1/2	769.51	1/2	493.46	1/2	217.77	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,316.69	3/4	1,038.23	3/4	763.76	3/4	487.71	3/4	212.20	3/4		3/4		3/4	3/4		3/4	3/4	
10	1,310.89	10	1,032.52	10	758.00	10	481.95	10	206.63	10		10		10	10		10	10	
1/4	1,305.08	1/4	1,026.80	1/4	752.25	1/4	476.20	1/4	201.06	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,299.27	1/2	1,021.08	1/2	746.50	1/2	470.45	1/2	195.49	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,293.47	3/4	1,015.37	3/4	740.75	3/4	464.70	3/4	189.92	3/4		3/4		3/4	3/4		3/4	3/4	
11	1,287.66	11	1,009.65	11	735.00	11	458.95	11	184.35	11		11		11	11		11	11	
1/4	1,281.85	1/4	1,003.93	1/4	729.25	1/4	453.20	1/4	178.78	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	1,276.04	1/2	998.22	1/2	723.50	1/2	447.45	1/2	173.21	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	1,270.24	3/4	992.50	3/4	717.75	3/4	441.70	3/4	167.64	3/4		3/4		3/4	3/4		3/4	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2018

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