



# BARGE "HTCO 3062"

## ULLAGE TRIM TABLE

	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	- 01-3/8	01-3/8	- 02-3/4	02-3/4	- 04-1/8	04-1/8	- 05-1/2	05-1/2	- 07-0/8	07-0/8	- 08-3/8	08-3/8
1 STBD	- 01-3/8	01-3/8	- 02-3/4	02-3/4	- 04-1/8	04-1/8	- 05-1/2	05-1/2	- 07-0/8	07-0/8	- 08-3/8	08-3/8
2 PORT	- 01-3/8	01-3/8	- 02-3/4	02-3/4	- 04-1/8	04-1/8	- 05-1/2	05-1/2	- 07-0/8	07-0/8	- 08-3/8	08-3/8
2 STBD	- 01-3/8	01-3/8	- 02-3/4	02-3/4	- 04-1/8	04-1/8	- 05-1/2	05-1/2	- 07-0/8	07-0/8	- 08-3/8	08-3/8
3 PORT	- 01-1/2	01-1/2	- 03-0/8	03-0/8	- 04-5/8	04-5/8	- 06-1/8	06-1/8	- 07-5/8	07-5/8	- 09-1/4	09-1/4
3 STBD	- 01-1/2	01-1/2	- 03-0/8	03-0/8	- 04-5/8	04-5/8	- 06-1/8	06-1/8	- 07-5/8	07-5/8	- 09-1/4	09-1/4
4 PORT	01-1/2	- 01-1/2	03-0/8	- 03-0/8	04-1/2	- 04-1/2	06-0/8	- 06-0/8	07-1/2	- 07-1/2	09-0/8	- 09-0/8
4 STBD	01-1/2	- 01-1/2	03-0/8	- 03-0/8	04-1/2	- 04-1/2	06-0/8	- 06-0/8	07-1/2	- 07-1/2	09-0/8	- 09-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

**EXAMPLE FOR ABOVE TRIM CORRECTIONS:**

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 02-3/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-02 3/4"

May 31, 2023

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

<http://www.pmacorp.net>



# BARGE "HTCO 3062"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0	3,076.60	0	2,823.16	0	2,569.72	0	2,316.28	0	2,062.84
1/4		1/4		1/4		1/4		1/4		1/4	3,071.32	1/4	2,817.88	1/4	2,564.44	1/4	2,311.00	1/4	2,057.56
1/2		1/2		1/2		1/2		1/2		1/2	3,066.04	1/2	2,812.60	1/2	2,559.16	1/2	2,305.72	1/2	2,052.28
3/4		3/4		3/4		3/4		3/4		3/4	3,060.76	3/4	2,807.32	3/4	2,553.88	3/4	2,300.44	3/4	2,047.00
1		1		1		1		1		1	3,055.48	1	2,802.04	1	2,548.60	1	2,295.16	1	2,041.72
1/4		1/4		1/4		1/4		1/4		1/4	3,050.20	1/4	2,796.76	1/4	2,543.32	1/4	2,289.88	1/4	2,036.44
1/2		1/2		1/2		1/2		1/2		1/2	3,044.92	1/2	2,791.48	1/2	2,538.04	1/2	2,284.60	1/2	2,031.16
3/4		3/4		3/4		3/4		3/4		3/4	3,039.64	3/4	2,786.20	3/4	2,532.76	3/4	2,279.32	3/4	2,025.88
2		2		2		2		2		2	3,034.36	2	2,780.92	2	2,527.48	2	2,274.04	2	2,020.60
1/4		1/4		1/4		1/4		1/4		1/4	3,029.08	1/4	2,775.64	1/4	2,522.20	1/4	2,268.76	1/4	2,015.32
1/2		1/2		1/2		1/2		1/2		1/2	3,023.80	1/2	2,770.36	1/2	2,516.92	1/2	2,263.48	1/2	2,010.04
3/4		3/4		3/4		3/4		3/4		3/4	3,018.52	3/4	2,765.08	3/4	2,511.64	3/4	2,258.20	3/4	2,004.76
3		3		3		3		3	3,206.38	3	3,013.24	3	2,759.80	3	2,506.38	3	2,252.92	3	1,999.48
1/4		1/4		1/4		1/4		1/4	3,206.03	1/4	3,007.96	1/4	2,754.52	1/4	2,501.13	1/4	2,247.64	1/4	1,994.20
1/2		1/2		1/2		1/2		1/2	3,205.69	1/2	3,002.68	1/2	2,749.24	1/2	2,495.87	1/2	2,242.36	1/2	1,988.92
3/4		3/4		3/4		3/4		3/4	3,205.34	3/4	2,997.40	3/4	2,743.96	3/4	2,490.62	3/4	2,237.08	3/4	1,983.64
4		4		4		4		4	3,204.18	4	2,992.12	4	2,738.68	4	2,485.31	4	2,231.80	4	1,978.38
1/4		1/4		1/4		1/4		1/4	3,203.03	1/4	2,986.84	1/4	2,733.40	1/4	2,480.01	1/4	2,226.52	1/4	1,973.13
1/2		1/2		1/2		1/2		1/2	3,201.87	1/2	2,981.56	1/2	2,728.12	1/2	2,474.70	1/2	2,221.24	1/2	1,967.87
3/4		3/4		3/4		3/4		3/4	3,200.72	3/4	2,976.28	3/4	2,722.84	3/4	2,469.40	3/4	2,215.96	3/4	1,962.62
5		5		5		5		5	3,198.64	5	2,971.00	5	2,717.56	5	2,464.12	5	2,210.68	5	1,957.31
1/4		1/4		1/4		1/4		1/4	3,196.56	1/4	2,965.72	1/4	2,712.28	1/4	2,458.84	1/4	2,205.40	1/4	1,952.01
1/2		1/2		1/2		1/2		1/2	3,194.48	1/2	2,960.44	1/2	2,707.00	1/2	2,453.56	1/2	2,200.12	1/2	1,946.70
3/4		3/4		3/4		3/4		3/4	3,192.40	3/4	2,955.16	3/4	2,701.72	3/4	2,448.28	3/4	2,194.84	3/4	1,941.40
6		6		6		6		6	3,189.39	6	2,949.88	6	2,696.44	6	2,443.00	6	2,189.56	6	1,936.12
1/4		1/4		1/4		1/4		1/4	3,186.39	1/4	2,944.60	1/4	2,691.16	1/4	2,437.72	1/4	2,184.28	1/4	1,930.84
1/2		1/2		1/2		1/2		1/2	3,183.38	1/2	2,939.32	1/2	2,685.88	1/2	2,432.44	1/2	2,179.00	1/2	1,925.56
3/4		3/4		3/4		3/4		3/4	3,180.38	3/4	2,934.04	3/4	2,680.60	3/4	2,427.16	3/4	2,173.72	3/4	1,920.28
7		7		7		7		7	3,176.45	7	2,928.76	7	2,675.32	7	2,421.88	7	2,168.44	7	1,915.00
1/4		1/4		1/4		1/4		1/4	3,172.52	1/4	2,923.48	1/4	2,670.04	1/4	2,416.60	1/4	2,163.16	1/4	1,909.72
1/2		1/2		1/2		1/2		1/2	3,168.59	1/2	2,918.20	1/2	2,664.76	1/2	2,411.32	1/2	2,157.88	1/2	1,904.44
3/4		3/4		3/4		3/4		3/4	3,164.66	3/4	2,912.92	3/4	2,659.48	3/4	2,406.04	3/4	2,152.60	3/4	1,899.16
8		8		8		8		8	3,159.80	8	2,907.64	8	2,654.20	8	2,400.76	8	2,147.32	8	1,893.88
1/4		1/4		1/4		1/4		1/4	3,154.95	1/4	2,902.36	1/4	2,648.92	1/4	2,395.48	1/4	2,142.04	1/4	1,888.60
1/2		1/2		1/2		1/2		1/2	3,150.09	1/2	2,897.08	1/2	2,643.64	1/2	2,390.20	1/2	2,136.76	1/2	1,883.32
3/4		3/4		3/4		3/4		3/4	3,145.24	3/4	2,891.80	3/4	2,638.36	3/4	2,384.92	3/4	2,131.48	3/4	1,878.04
9		9		9		9		9	3,139.96	9	2,886.52	9	2,633.08	9	2,379.64	9	2,126.20	9	1,872.76
1/4		1/4		1/4		1/4		1/4	3,134.68	1/4	2,881.24	1/4	2,627.80	1/4	2,374.36	1/4	2,120.92	1/4	1,867.48
1/2		1/2		1/2		1/2		1/2	3,129.40	1/2	2,875.96	1/2	2,622.52	1/2	2,369.08	1/2	2,115.64	1/2	1,862.20
3/4		3/4		3/4		3/4		3/4	3,124.12	3/4	2,870.68	3/4	2,617.24	3/4	2,363.80	3/4	2,110.36	3/4	1,856.92
10		10		10		10		10	3,118.84	10	2,865.40	10	2,611.96	10	2,358.52	10	2,105.08	10	1,851.64
1/4		1/4		1/4		1/4		1/4	3,113.56	1/4	2,860.12	1/4	2,606.68	1/4	2,353.24	1/4	2,099.80	1/4	1,846.36
1/2		1/2		1/2		1/2		1/2	3,108.28	1/2	2,854.84	1/2	2,601.40	1/2	2,347.96	1/2	2,094.52	1/2	1,841.08
3/4		3/4		3/4		3/4		3/4	3,103.00	3/4	2,849.56	3/4	2,596.12	3/4	2,342.68	3/4	2,089.24	3/4	1,835.80
11		11		11		11		11	3,097.72	11	2,844.28	11	2,590.84	11	2,337.40	11	2,083.96	11	1,830.52
1/4		1/4		1/4		1/4		1/4	3,092.44	1/4	2,839.00	1/4	2,585.56	1/4	2,332.12	1/4	2,078.68	1/4	1,825.24
1/2		1/2		1/2		1/2		1/2	3,087.16	1/2	2,833.72	1/2	2,580.28	1/2	2,326.84	1/2	2,073.40	1/2	1,819.96
3/4		3/4		3/4		3/4		3/4	3,081.88	3/4	2,828.44	3/4	2,575.00	3/4	2,321.56	3/4	2,068.12	3/4	1,814.68

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE ON EXPANSION DOME.  
 GAUGE POINT: (HERMETIC) LOCATED 02'-09" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

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# BARGE "HTCO 3062"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,809.40	0	1,555.96	0	1,302.59	0	1,049.08	0	795.58	0	540.88	0	285.71	0	35.73	0		0	
1/4	1,804.12	1/4	1,550.68	1/4	1,297.29	1/4	1,043.80	1/4	790.29	1/4	535.57	1/4	280.40	1/4	31.26	1/4		1/4	
1/2	1,798.84	1/2	1,545.40	1/2	1,291.98	1/2	1,038.52	1/2	785.01	1/2	530.25	1/2	275.08	1/2	26.78	1/2		1/2	
3/4	1,793.56	3/4	1,540.12	3/4	1,286.68	3/4	1,033.24	3/4	779.73	3/4	524.94	3/4	269.77	3/4	22.31	3/4		3/4	
1	1,788.28	1	1,534.84	1	1,281.40	1	1,027.96	1	774.45	1	519.62	1	264.45	1	19.15	1		1	
1/4	1,783.00	1/4	1,529.56	1/4	1,276.12	1/4	1,022.68	1/4	769.16	1/4	514.30	1/4	259.13	1/4	15.98	1/4		1/4	
1/2	1,777.72	1/2	1,524.28	1/2	1,270.84	1/2	1,017.40	1/2	763.88	1/2	508.99	1/2	253.82	1/2	12.82	1/2		1/2	
3/4	1,772.44	3/4	1,519.00	3/4	1,265.56	3/4	1,012.12	3/4	758.60	3/4	503.67	3/4	248.50	3/4	9.66	3/4		3/4	
2	1,767.16	2	1,513.72	2	1,260.28	2	1,006.84	2	753.32	2	498.35	2	243.21	2	7.86	2		2	
1/4	1,761.88	1/4	1,508.44	1/4	1,255.00	1/4	1,001.56	1/4	748.03	1/4	493.04	1/4	237.92	1/4	6.06	1/4		1/4	
1/2	1,756.60	1/2	1,503.16	1/2	1,249.72	1/2	996.28	1/2	742.75	1/2	487.72	1/2	232.63	1/2	4.27	1/2		1/2	
3/4	1,751.32	3/4	1,497.88	3/4	1,244.44	3/4	991.00	3/4	737.47	3/4	482.41	3/4	227.34	3/4	2.47	3/4		3/4	
3	1,746.04	3	1,492.60	3	1,239.16	3	985.72	3	732.18	3	477.09	3	222.04	3		3		3	
1/4	1,740.76	1/4	1,487.32	1/4	1,233.88	1/4	980.44	1/4	726.89	1/4	471.77	1/4	216.75	1/4		1/4		1/4	
1/2	1,735.48	1/2	1,482.04	1/2	1,228.60	1/2	975.16	1/2	721.60	1/2	466.46	1/2	211.45	1/2		1/2		1/2	
3/4	1,730.20	3/4	1,476.76	3/4	1,223.32	3/4	969.88	3/4	716.31	3/4	461.14	3/4	206.16	3/4		3/4		3/4	
4	1,724.92	4	1,471.48	4	1,218.04	4	964.60	4	711.24	4	455.82	4	201.02	4		4		4	
1/4	1,719.64	1/4	1,466.20	1/4	1,212.76	1/4	959.31	1/4	706.18	1/4	450.51	1/4	195.89	1/4		1/4		1/4	
1/2	1,714.36	1/2	1,460.92	1/2	1,207.48	1/2	954.03	1/2	701.11	1/2	445.19	1/2	190.75	1/2		1/2		1/2	
3/4	1,709.08	3/4	1,455.64	3/4	1,202.20	3/4	948.75	3/4	696.05	3/4	439.88	3/4	185.62	3/4		3/4		3/4	
5	1,703.80	5	1,450.36	5	1,196.92	5	943.47	5	690.48	5	434.56	5	180.48	5		5		5	
1/4	1,698.52	1/4	1,445.08	1/4	1,191.64	1/4	938.19	1/4	684.91	1/4	429.25	1/4	175.35	1/4		1/4		1/4	
1/2	1,693.24	1/2	1,439.80	1/2	1,186.36	1/2	932.91	1/2	679.35	1/2	423.93	1/2	170.21	1/2		1/2		1/2	
3/4	1,687.96	3/4	1,434.52	3/4	1,181.08	3/4	927.63	3/4	673.78	3/4	418.62	3/4	165.08	3/4		3/4		3/4	
6	1,682.68	6	1,429.24	6	1,175.80	6	922.35	6	668.46	6	413.30	6	159.94	6		6		6	
1/4	1,677.40	1/4	1,423.96	1/4	1,170.52	1/4	917.06	1/4	663.14	1/4	407.98	1/4	154.81	1/4		1/4		1/4	
1/2	1,672.12	1/2	1,418.68	1/2	1,165.24	1/2	911.78	1/2	657.83	1/2	402.67	1/2	149.67	1/2		1/2		1/2	
3/4	1,666.84	3/4	1,413.40	3/4	1,159.96	3/4	906.50	3/4	652.51	3/4	397.35	3/4	144.54	3/4		3/4		3/4	
7	1,661.56	7	1,408.12	7	1,154.68	7	901.22	7	647.19	7	392.03	7	139.40	7		7		7	
1/4	1,656.28	1/4	1,402.84	1/4	1,149.40	1/4	895.93	1/4	641.88	1/4	386.72	1/4	134.27	1/4		1/4		1/4	
1/2	1,651.00	1/2	1,397.56	1/2	1,144.12	1/2	890.65	1/2	636.56	1/2	381.40	1/2	129.13	1/2		1/2		1/2	
3/4	1,645.72	3/4	1,392.28	3/4	1,138.84	3/4	885.37	3/4	631.25	3/4	376.09	3/4	124.00	3/4		3/4		3/4	
8	1,640.44	8	1,387.00	8	1,133.56	8	880.09	8	625.93	8	370.77	8	118.86	8		8		8	
1/4	1,635.16	1/4	1,381.72	1/4	1,128.28	1/4	874.80	1/4	620.62	1/4	365.45	1/4	113.73	1/4		1/4		1/4	
1/2	1,629.88	1/2	1,376.44	1/2	1,123.00	1/2	869.52	1/2	615.30	1/2	360.14	1/2	108.59	1/2		1/2		1/2	
3/4	1,624.60	3/4	1,371.16	3/4	1,117.72	3/4	864.24	3/4	609.99	3/4	354.82	3/4	103.46	3/4		3/4		3/4	
9	1,619.32	9	1,365.88	9	1,112.41	9	858.96	9	604.67	9	349.50	9	98.28	9		9		9	
1/4	1,614.04	1/4	1,360.60	1/4	1,107.11	1/4	853.67	1/4	599.36	1/4	344.19	1/4	93.10	1/4		1/4		1/4	
1/2	1,608.76	1/2	1,355.32	1/2	1,101.80	1/2	848.39	1/2	594.04	1/2	338.87	1/2	87.92	1/2		1/2		1/2	
3/4	1,603.48	3/4	1,350.04	3/4	1,096.50	3/4	843.11	3/4	588.73	3/4	333.56	3/4	82.74	3/4		3/4		3/4	
10	1,598.20	10	1,344.76	10	1,091.24	10	837.83	10	583.41	10	328.24	10	77.42	10		10		10	
1/4	1,592.92	1/4	1,339.48	1/4	1,085.99	1/4	832.55	1/4	578.09	1/4	322.93	1/4	72.10	1/4		1/4		1/4	
1/2	1,587.64	1/2	1,334.20	1/2	1,080.73	1/2	827.27	1/2	572.78	1/2	317.61	1/2	66.79	1/2		1/2		1/2	
3/4	1,582.36	3/4	1,328.92	3/4	1,075.48	3/4	821.99	3/4	567.46	3/4	312.30	3/4	61.47	3/4		3/4		3/4	
11	1,577.08	11	1,323.66	11	1,070.20	11	816.71	11	562.14	11	306.98	11	56.15	11		11		11	
1/4	1,571.80	1/4	1,318.41	1/4	1,064.92	1/4	811.42	1/4	556.83	1/4	301.66	1/4	50.84	1/4		1/4		1/4	
1/2	1,566.52	1/2	1,313.15	1/2	1,059.64	1/2	806.14	1/2	551.51	1/2	296.35	1/2	45.52	1/2		1/2		1/2	
3/4	1,561.24	3/4	1,307.90	3/4	1,054.36	3/4	800.86	3/4	546.20	3/4	291.03	3/4	40.21	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/2008 INSP.  
RECOMPUTED.: 05/31/2023 JS  
VERIFIED: 05/31/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "HTCO 3062"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0	3,071.32	0	2,817.88	0	2,564.44	0	2,311.00	0	2,057.56
1/4		1/4		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
1/2		1/2		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
3/4		3/4		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
1		1		1		1		1		1	3,050.20	1	2,796.76	1	2,543.32	1	2,289.88	1	2,036.44
1/4		1/4		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
1/2		1/2		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
3/4		3/4		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
2		2		2		2		2		2	3,029.08	2	2,775.64	2	2,522.20	2	2,268.76	2	2,015.32
1/4		1/4		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
1/2		1/2		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
3/4		3/4		3/4		3/4		3/4	3,206.38	3/4	3,013.24	3/4	2,759.80	3/4	2,506.38	3/4	2,252.92	3/4	1,999.48
3		3		3		3		3	3,206.03	3	3,007.96	3	2,754.52	3	2,501.13	3	2,247.64	3	1,994.20
1/4		1/4		1/4		1/4		1/4	3,205.69	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
1/2		1/2		1/2		1/2		1/2	3,205.34	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
3/4		3/4		3/4		3/4		3/4	3,204.18	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
4		4		4		4		4	3,203.03	4	2,986.84	4	2,733.40	4	2,480.01	4	2,226.52	4	1,973.13
1/4		1/4		1/4		1/4		1/4	3,201.87	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
1/2		1/2		1/2		1/2		1/2	3,200.72	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
3/4		3/4		3/4		3/4		3/4	3,198.64	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
5		5		5		5		5	3,196.56	5	2,965.72	5	2,712.28	5	2,458.84	5	2,205.40	5	1,952.01
1/4		1/4		1/4		1/4		1/4	3,194.48	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
1/2		1/2		1/2		1/2		1/2	3,192.40	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
3/4		3/4		3/4		3/4		3/4	3,189.39	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
6		6		6		6		6	3,186.39	6	2,944.60	6	2,691.16	6	2,437.72	6	2,184.28	6	1,930.84
1/4		1/4		1/4		1/4		1/4	3,183.38	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
1/2		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
3/4		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
7		7		7		7		7	3,172.52	7	2,923.48	7	2,670.04	7	2,416.60	7	2,163.16	7	1,909.72
1/4		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
1/2		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
3/4		3/4		3/4		3/4		3/4	3,159.80	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
8		8		8		8		8	3,154.95	8	2,902.36	8	2,648.92	8	2,395.48	8	2,142.04	8	1,888.60
1/4		1/4		1/4		1/4		1/4	3,150.09	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
1/2		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
3/4		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
9		9		9		9		9	3,134.68	9	2,881.24	9	2,627.80	9	2,374.36	9	2,120.92	9	1,867.48
1/4		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
1/2		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
3/4		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
10		10		10		10		10	3,113.56	10	2,860.12	10	2,606.68	10	2,353.24	10	2,099.80	10	1,846.36
1/4		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
1/2		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
3/4		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
11		11		11		11		11	3,092.44	11	2,839.00	11	2,585.56	11	2,332.12	11	2,078.68	11	1,825.24
1/4		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
1/2		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
3/4		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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE ON EXPANSION DOME.

GAUGE POINT: (HERMETIC) LOCATED 02'-09" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HTCO 3062"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,804.12	0	1,550.68	0	1,297.29	0	1,043.80	0	790.29	0	535.57	0	280.40	0	31.26	0		0	
1/4	1,798.84	1/4	1,545.40	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	
1/2	1,793.56	1/2	1,540.12	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	
3/4	1,788.28	3/4	1,534.84	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	
1	1,783.00	1	1,529.56	1	1,276.12	1	1,022.68	1	769.16	1	514.30	1	259.13	1	15.98	1		1	
1/4	1,777.72	1/4	1,524.28	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	
1/2	1,772.44	1/2	1,519.00	1/2	1,265.56	1/2	1,012.12	1/2	758.60	1/2	503.67	1/2	248.50	1/2	9.66	1/2		1/2	
3/4	1,767.16	3/4	1,513.72	3/4	1,260.28	3/4	1,006.84	3/4	753.32	3/4	498.35	3/4	243.21	3/4	7.86	3/4		3/4	
2	1,761.88	2	1,508.44	2	1,255.00	2	1,001.56	2	748.03	2	493.04	2	237.92	2	6.06	2		2	
1/4	1,756.60	1/4	1,503.16	1/4	1,249.72	1/4	996.28	1/4	742.75	1/4	487.72	1/4	232.63	1/4	4.27	1/4		1/4	
1/2	1,751.32	1/2	1,497.88	1/2	1,244.44	1/2	991.00	1/2	737.47	1/2	482.41	1/2	227.34	1/2	2.47	1/2		1/2	
3/4	1,746.04	3/4	1,492.60	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	1,740.76	3	1,487.32	3	1,233.88	3	980.44	3	726.89	3	471.77	3	216.75	3		3		3	
1/4	1,735.48	1/4	1,482.04	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	
1/2	1,730.20	1/2	1,476.76	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	
3/4	1,724.92	3/4	1,471.48	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	
4	1,719.64	4	1,466.20	4	1,212.76	4	959.31	4	706.18	4	450.51	4	195.89	4		4		4	
1/4	1,714.36	1/4	1,460.92	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	
1/2	1,709.08	1/2	1,455.64	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	
3/4	1,703.80	3/4	1,450.36	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	
5	1,698.52	5	1,445.08	5	1,191.64	5	938.19	5	684.91	5	429.25	5	175.35	5		5		5	
1/4	1,693.24	1/4	1,439.80	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	
1/2	1,687.96	1/2	1,434.52	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	
3/4	1,682.68	3/4	1,429.24	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	
6	1,677.40	6	1,423.96	6	1,170.52	6	917.06	6	663.14	6	407.98	6	154.81	6		6		6	
1/4	1,672.12	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	
1/2	1,666.84	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	
3/4	1,661.56	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	
7	1,656.28	7	1,402.84	7	1,149.40	7	895.93	7	641.88	7	386.72	7	134.27	7		7		7	
1/4	1,651.00	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	
1/2	1,645.72	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	
3/4	1,640.44	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	
8	1,635.16	8	1,381.72	8	1,128.28	8	874.80	8	620.62	8	365.45	8	113.73	8		8		8	
1/4	1,629.88	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	
1/2	1,624.60	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	
3/4	1,619.32	3/4	1,365.88	3/4	1,112.44	3/4	858.96	3/4	604.67	3/4	349.50	3/4	98.28	3/4		3/4		3/4	
9	1,614.04	9	1,360.60	9	1,107.11	9	853.67	9	599.36	9	344.19	9	93.10	9		9		9	
1/4	1,608.76	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	
1/2	1,603.48	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	
3/4	1,598.20	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	
10	1,592.92	10	1,339.48	10	1,085.99	10	832.55	10	578.09	10	322.93	10	72.10	10		10		10	
1/4	1,587.64	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	
1/2	1,582.36	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	
3/4	1,577.08	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	
11	1,571.80	11	1,318.41	11	1,064.92	11	811.42	11	556.83	11	301.66	11	50.84	11		11		11	
1/4	1,566.52	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	
1/2	1,561.24	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	
3/4	1,555.96	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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/2008 INSP.  
RECOMPUTED.: 05/31/2023 JS  
VERIFIED: 05/31/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "HTCO 3062"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0	3,073.48	0	2,819.51	0	2,565.55	0	2,311.58	0	2,057.61
1/4		1/4		1/4		1/4		1/4		1/4	3,068.19	1/4	2,814.22	1/4	2,560.26	1/4	2,306.29	1/4	2,052.32
1/2		1/2		1/2		1/2		1/2		1/2	3,062.90	1/2	2,808.93	1/2	2,554.97	1/2	2,301.00	1/2	2,047.03
3/4		3/4		3/4		3/4		3/4		3/4	3,057.61	3/4	2,803.64	3/4	2,549.67	3/4	2,295.70	3/4	2,041.74
1		1		1		1		1		1	3,052.32	1	2,798.35	1	2,544.38	1	2,290.41	1	2,036.45
1/4		1/4		1/4		1/4		1/4		1/4	3,047.03	1/4	2,793.06	1/4	2,539.09	1/4	2,285.12	1/4	2,031.16
1/2		1/2		1/2		1/2		1/2		1/2	3,041.74	1/2	2,787.77	1/2	2,533.80	1/2	2,279.83	1/2	2,025.87
3/4		3/4		3/4		3/4		3/4		3/4	3,036.44	3/4	2,782.48	3/4	2,528.51	3/4	2,274.54	3/4	2,020.57
2		2		2		2		2		2	3,031.15	2	2,777.19	2	2,523.22	2	2,269.25	2	2,015.28
1/4		1/4		1/4		1/4		1/4		1/4	3,025.86	1/4	2,771.90	1/4	2,517.93	1/4	2,263.96	1/4	2,009.99
1/2		1/2		1/2		1/2		1/2		1/2	3,020.57	1/2	2,766.61	1/2	2,512.64	1/2	2,258.67	1/2	2,004.70
3/4		3/4		3/4		3/4		3/4		3/4	3,015.28	3/4	2,761.31	3/4	2,507.34	3/4	2,253.38	3/4	1,999.41
3		3		3		3		3		3	3,009.99	3	2,756.02	3	2,502.05	3	2,248.09	3	1,994.12
1/4		1/4		1/4		1/4		1/4	3,197.32	1/4	3,004.70	1/4	2,750.73	1/4	2,496.79	1/4	2,242.80	1/4	1,988.83
1/2		1/2		1/2		1/2		1/2	3,196.98	1/2	2,999.41	1/2	2,745.44	1/2	2,491.52	1/2	2,237.51	1/2	1,983.54
3/4		3/4		3/4		3/4		3/4	3,196.63	3/4	2,994.12	3/4	2,740.15	3/4	2,486.26	3/4	2,232.21	3/4	1,978.25
4		4		4		4		4	3,196.29	4	2,988.83	4	2,734.86	4	2,480.99	4	2,226.92	4	1,972.96
1/4		1/4		1/4		1/4		1/4	3,195.15	1/4	2,983.54	1/4	2,729.57	1/4	2,475.68	1/4	2,221.63	1/4	1,967.67
1/2		1/2		1/2		1/2		1/2	3,194.01	1/2	2,978.25	1/2	2,724.28	1/2	2,470.36	1/2	2,216.34	1/2	1,962.38
3/4		3/4		3/4		3/4		3/4	3,192.87	3/4	2,972.95	3/4	2,718.98	3/4	2,465.05	3/4	2,211.05	3/4	1,957.08
5		5		5		5		5	3,191.73	5	2,967.66	5	2,713.69	5	2,459.73	5	2,205.76	5	1,951.79
1/4		1/4		1/4		1/4		1/4	3,189.68	1/4	2,962.37	1/4	2,708.40	1/4	2,454.44	1/4	2,200.47	1/4	1,946.50
1/2		1/2		1/2		1/2		1/2	3,187.62	1/2	2,957.08	1/2	2,703.11	1/2	2,449.15	1/2	2,195.18	1/2	1,941.21
3/4		3/4		3/4		3/4		3/4	3,185.57	3/4	2,951.79	3/4	2,697.82	3/4	2,443.85	3/4	2,189.88	3/4	1,935.92
6		6		6		6		6	3,183.51	6	2,946.50	6	2,692.53	6	2,438.56	6	2,184.59	6	1,930.63
1/4		1/4		1/4		1/4		1/4	3,180.55	1/4	2,941.21	1/4	2,687.24	1/4	2,433.27	1/4	2,179.30	1/4	1,925.34
1/2		1/2		1/2		1/2		1/2	3,177.58	1/2	2,935.92	1/2	2,681.95	1/2	2,427.98	1/2	2,174.01	1/2	1,920.05
3/4		3/4		3/4		3/4		3/4	3,174.62	3/4	2,930.62	3/4	2,676.66	3/4	2,422.69	3/4	2,168.72	3/4	1,914.75
7		7		7		7		7	3,171.65	7	2,925.33	7	2,671.37	7	2,417.40	7	2,163.43	7	1,909.46
1/4		1/4		1/4		1/4		1/4	3,167.77	1/4	2,920.04	1/4	2,666.08	1/4	2,412.11	1/4	2,158.14	1/4	1,904.17
1/2		1/2		1/2		1/2		1/2	3,163.90	1/2	2,914.75	1/2	2,660.79	1/2	2,406.82	1/2	2,152.85	1/2	1,898.88
3/4		3/4		3/4		3/4		3/4	3,160.02	3/4	2,909.46	3/4	2,655.49	3/4	2,401.52	3/4	2,147.56	3/4	1,893.59
8		8		8		8		8	3,156.14	8	2,904.17	8	2,650.20	8	2,396.23	8	2,142.27	8	1,888.30
1/4		1/4		1/4		1/4		1/4	3,151.35	1/4	2,898.88	1/4	2,644.91	1/4	2,390.94	1/4	2,136.98	1/4	1,883.01
1/2		1/2		1/2		1/2		1/2	3,146.56	1/2	2,893.59	1/2	2,639.62	1/2	2,385.65	1/2	2,131.69	1/2	1,877.72
3/4		3/4		3/4		3/4		3/4	3,141.76	3/4	2,888.30	3/4	2,634.33	3/4	2,380.36	3/4	2,126.39	3/4	1,872.42
9		9		9		9		9	3,136.97	9	2,883.01	9	2,629.04	9	2,375.07	9	2,121.10	9	1,867.13
1/4		1/4		1/4		1/4		1/4	3,131.68	1/4	2,877.72	1/4	2,623.75	1/4	2,369.78	1/4	2,115.81	1/4	1,861.84
1/2		1/2		1/2		1/2		1/2	3,126.39	1/2	2,872.43	1/2	2,618.46	1/2	2,364.49	1/2	2,110.52	1/2	1,856.55
3/4		3/4		3/4		3/4		3/4	3,121.10	3/4	2,867.13	3/4	2,613.16	3/4	2,359.20	3/4	2,105.23	3/4	1,851.26
10		10		10		10		10	3,115.81	10	2,861.84	10	2,607.87	10	2,353.91	10	2,099.94	10	1,845.97
1/4		1/4		1/4		1/4		1/4	3,110.52	1/4	2,856.55	1/4	2,602.58	1/4	2,348.62	1/4	2,094.65	1/4	1,840.68
1/2		1/2		1/2		1/2		1/2	3,105.23	1/2	2,851.26	1/2	2,597.29	1/2	2,343.33	1/2	2,089.36	1/2	1,835.39
3/4		3/4		3/4		3/4		3/4	3,099.94	3/4	2,845.97	3/4	2,592.00	3/4	2,338.03	3/4	2,084.06	3/4	1,830.10
11		11		11		11		11	3,094.65	11	2,840.68	11	2,586.71	11	2,332.74	11	2,078.77	11	1,824.81
1/4		1/4		1/4		1/4		1/4	3,089.36	1/4	2,835.39	1/4	2,581.42	1/4	2,327.45	1/4	2,073.48	1/4	1,819.52
1/2		1/2		1/2		1/2		1/2	3,084.07	1/2	2,830.10	1/2	2,576.13	1/2	2,322.16	1/2	2,068.19	1/2	1,814.23
3/4		3/4		3/4		3/4		3/4	3,078.77	3/4	2,824.80	3/4	2,570.84	3/4	2,316.87	3/4	2,062.90	3/4	1,808.93

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE ON EXPANSION DOME.

GAUGE POINT: (HERMETIC) LOCATED 02'-09" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HTCO 3062"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,803.64	0	1,549.67	0	1,295.71	0	1,041.74	0	790.34	0	539.03	0	287.22	0	39.68	0		0	
1/4	1,798.35	1/4	1,544.38	1/4	1,290.42	1/4	1,036.45	1/4	785.13	1/4	533.79	1/4	281.98	1/4	35.27	1/4		1/4	
1/2	1,793.06	1/2	1,539.09	1/2	1,285.13	1/2	1,031.16	1/2	779.92	1/2	528.54	1/2	276.73	1/2	30.86	1/2		1/2	
3/4	1,787.77	3/4	1,533.80	3/4	1,279.83	3/4	1,025.86	3/4	774.70	3/4	523.30	3/4	271.49	3/4	26.44	3/4		3/4	
1	1,782.48	1	1,528.51	1	1,274.54	1	1,020.57	1	769.49	1	518.05	1	266.24	1	22.03	1		1	
1/4	1,777.19	1/4	1,523.22	1/4	1,269.25	1/4	1,015.28	1/4	764.28	1/4	512.80	1/4	261.00	1/4	18.88	1/4		1/4	
1/2	1,771.90	1/2	1,517.93	1/2	1,263.96	1/2	1,009.99	1/2	759.07	1/2	507.56	1/2	255.75	1/2	15.73	1/2		1/2	
3/4	1,766.60	3/4	1,512.64	3/4	1,258.67	3/4	1,004.70	3/4	753.85	3/4	502.31	3/4	250.51	3/4	12.58	3/4		3/4	
2	1,761.31	2	1,507.35	2	1,253.38	2	999.41	2	748.64	2	497.06	2	245.26	2	9.43	2		2	
1/4	1,756.02	1/4	1,502.06	1/4	1,248.09	1/4	994.12	1/4	743.43	1/4	491.81	1/4	240.01	1/4	7.68	1/4		1/4	
1/2	1,750.73	1/2	1,496.77	1/2	1,242.80	1/2	988.83	1/2	738.22	1/2	486.56	1/2	234.77	1/2	5.94	1/2		1/2	
3/4	1,745.44	3/4	1,491.47	3/4	1,237.50	3/4	983.54	3/4	733.00	3/4	481.31	3/4	229.52	3/4	4.19	3/4		3/4	
3	1,740.15	3	1,486.18	3	1,232.21	3	978.25	3	727.79	3	476.06	3	224.27	3	2.44	3		3	
1/4	1,734.86	1/4	1,480.89	1/4	1,226.92	1/4	972.98	1/4	722.57	1/4	470.82	1/4	219.07	1/4		1/4		1/4	
1/2	1,729.57	1/2	1,475.60	1/2	1,221.63	1/2	967.71	1/2	717.35	1/2	465.58	1/2	213.87	1/2		1/2		1/2	
3/4	1,724.28	3/4	1,470.31	3/4	1,216.34	3/4	962.43	3/4	712.12	3/4	460.34	3/4	208.67	3/4		3/4		3/4	
4	1,718.99	4	1,465.02	4	1,211.05	4	957.16	4	706.90	4	455.10	4	203.47	4		4		4	
1/4	1,713.70	1/4	1,459.73	1/4	1,205.76	1/4	951.95	1/4	701.66	1/4	449.85	1/4	198.40	1/4		1/4		1/4	
1/2	1,708.41	1/2	1,454.44	1/2	1,200.47	1/2	946.74	1/2	696.41	1/2	444.61	1/2	193.33	1/2		1/2		1/2	
3/4	1,703.11	3/4	1,449.14	3/4	1,195.18	3/4	941.52	3/4	691.17	3/4	439.36	3/4	188.26	3/4		3/4		3/4	
5	1,697.82	5	1,443.85	5	1,189.89	5	936.31	5	685.92	5	434.11	5	183.19	5		5		5	
1/4	1,692.53	1/4	1,438.56	1/4	1,184.60	1/4	931.10	1/4	680.67	1/4	428.86	1/4	178.12	1/4		1/4		1/4	
1/2	1,687.24	1/2	1,433.27	1/2	1,179.31	1/2	925.89	1/2	675.43	1/2	423.62	1/2	173.06	1/2		1/2		1/2	
3/4	1,681.95	3/4	1,427.98	3/4	1,174.01	3/4	920.67	3/4	670.18	3/4	418.37	3/4	167.99	3/4		3/4		3/4	
6	1,676.66	6	1,422.69	6	1,168.72	6	915.46	6	664.93	6	413.12	6	162.92	6		6		6	
1/4	1,671.37	1/4	1,417.40	1/4	1,163.44	1/4	910.25	1/4	659.69	1/4	407.88	1/4	157.85	1/4		1/4		1/4	
1/2	1,666.08	1/2	1,412.11	1/2	1,158.15	1/2	905.03	1/2	654.44	1/2	402.63	1/2	152.79	1/2		1/2		1/2	
3/4	1,660.78	3/4	1,406.82	3/4	1,152.87	3/4	899.82	3/4	649.20	3/4	397.39	3/4	147.72	3/4		3/4		3/4	
7	1,655.49	7	1,401.53	7	1,147.58	7	894.60	7	643.95	7	392.14	7	142.65	7		7		7	
1/4	1,650.20	1/4	1,396.24	1/4	1,142.28	1/4	889.39	1/4	638.71	1/4	386.90	1/4	137.58	1/4		1/4		1/4	
1/2	1,644.91	1/2	1,390.94	1/2	1,136.99	1/2	884.18	1/2	633.46	1/2	381.65	1/2	132.52	1/2		1/2		1/2	
3/4	1,639.62	3/4	1,385.65	3/4	1,131.69	3/4	878.97	3/4	628.22	3/4	376.41	3/4	127.45	3/4		3/4		3/4	
8	1,634.33	8	1,380.35	8	1,126.39	8	873.76	8	622.97	8	371.16	8	122.38	8		8		8	
1/4	1,629.04	1/4	1,375.06	1/4	1,121.10	1/4	868.55	1/4	617.72	1/4	365.92	1/4	117.31	1/4		1/4		1/4	
1/2	1,623.75	1/2	1,369.78	1/2	1,115.81	1/2	863.33	1/2	612.48	1/2	360.67	1/2	112.25	1/2		1/2		1/2	
3/4	1,618.46	3/4	1,364.49	3/4	1,110.52	3/4	858.12	3/4	607.23	3/4	355.43	3/4	107.18	3/4		3/4		3/4	
9	1,613.17	9	1,359.20	9	1,105.23	9	852.90	9	601.98	9	350.18	9	102.11	9		9		9	
1/4	1,607.88	1/4	1,353.91	1/4	1,099.94	1/4	847.69	1/4	596.74	1/4	344.93	1/4	97.00	1/4		1/4		1/4	
1/2	1,602.59	1/2	1,348.62	1/2	1,094.65	1/2	842.48	1/2	591.49	1/2	339.67	1/2	91.89	1/2		1/2		1/2	
3/4	1,597.29	3/4	1,343.32	3/4	1,089.36	3/4	837.27	3/4	586.25	3/4	334.42	3/4	86.77	3/4		3/4		3/4	
10	1,592.00	10	1,338.03	10	1,084.07	10	832.06	10	581.00	10	329.16	10	81.66	10		10		10	
1/4	1,586.71	1/4	1,332.74	1/4	1,078.78	1/4	826.85	1/4	575.75	1/4	323.92	1/4	76.39	1/4		1/4		1/4	
1/2	1,581.42	1/2	1,327.45	1/2	1,073.49	1/2	821.63	1/2	570.51	1/2	318.69	1/2	71.12	1/2		1/2		1/2	
3/4	1,576.13	3/4	1,322.16	3/4	1,068.19	3/4	816.42	3/4	565.26	3/4	313.45	3/4	65.84	3/4		3/4		3/4	
11	1,570.84	11	1,316.87	11	1,062.90	11	811.20	11	560.01	11	308.21	11	60.57	11		11		11	
1/4	1,565.55	1/4	1,311.58	1/4	1,057.61	1/4	805.99	1/4	554.77	1/4	302.96	1/4	55.35	1/4		1/4		1/4	
1/2	1,560.26	1/2	1,306.29	1/2	1,052.32	1/2	800.77	1/2	549.52	1/2	297.72	1/2	50.13	1/2		1/2		1/2	
3/4	1,554.96	3/4	1,301.00	3/4	1,047.03	3/4	795.56	3/4	544.28	3/4	292.47	3/4	44.90	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/2008 INSP.  
RECOMPUTED.: 05/31/2023 JS  
VERIFIED: 05/31/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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





# BARGE "HTCO 3062"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0	3,073.48	0	2,819.51	0	2,565.55	0	2,311.58	0	2,057.61
1/4		1/4		1/4		1/4		1/4		1/4	3,068.19	1/4	2,814.22	1/4	2,560.26	1/4	2,306.29	1/4	2,052.32
1/2		1/2		1/2		1/2		1/2		1/2	3,062.90	1/2	2,808.93	1/2	2,554.97	1/2	2,301.00	1/2	2,047.03
3/4		3/4		3/4		3/4		3/4		3/4	3,057.61	3/4	2,803.64	3/4	2,549.67	3/4	2,295.70	3/4	2,041.74
1		1		1		1		1		1	3,052.32	1	2,798.35	1	2,544.38	1	2,290.41	1	2,036.45
1/4		1/4		1/4		1/4		1/4		1/4	3,047.03	1/4	2,793.06	1/4	2,539.09	1/4	2,285.12	1/4	2,031.16
1/2		1/2		1/2		1/2		1/2		1/2	3,041.74	1/2	2,787.77	1/2	2,533.80	1/2	2,279.83	1/2	2,025.87
3/4		3/4		3/4		3/4		3/4		3/4	3,036.44	3/4	2,782.48	3/4	2,528.51	3/4	2,274.54	3/4	2,020.57
2		2		2		2		2		2	3,031.15	2	2,777.19	2	2,523.22	2	2,269.25	2	2,015.28
1/4		1/4		1/4		1/4		1/4		1/4	3,025.86	1/4	2,771.90	1/4	2,517.93	1/4	2,263.96	1/4	2,009.99
1/2		1/2		1/2		1/2		1/2		1/2	3,020.57	1/2	2,766.61	1/2	2,512.64	1/2	2,258.67	1/2	2,004.70
3/4		3/4		3/4		3/4		3/4		3/4	3,015.28	3/4	2,761.31	3/4	2,507.34	3/4	2,253.38	3/4	1,999.41
3		3		3		3		3		3	3,009.99	3	2,756.02	3	2,502.05	3	2,248.09	3	1,994.12
1/4		1/4		1/4		1/4		1/4	3,197.32	1/4	3,004.70	1/4	2,750.73	1/4	2,496.79	1/4	2,242.80	1/4	1,988.83
1/2		1/2		1/2		1/2		1/2	3,196.98	1/2	2,999.41	1/2	2,745.44	1/2	2,491.52	1/2	2,237.51	1/2	1,983.54
3/4		3/4		3/4		3/4		3/4	3,196.63	3/4	2,994.12	3/4	2,740.15	3/4	2,486.26	3/4	2,232.21	3/4	1,978.25
4		4		4		4		4	3,196.29	4	2,988.83	4	2,734.86	4	2,480.99	4	2,226.92	4	1,972.96
1/4		1/4		1/4		1/4		1/4	3,195.15	1/4	2,983.54	1/4	2,729.57	1/4	2,475.68	1/4	2,221.63	1/4	1,967.67
1/2		1/2		1/2		1/2		1/2	3,194.01	1/2	2,978.25	1/2	2,724.28	1/2	2,470.36	1/2	2,216.34	1/2	1,962.38
3/4		3/4		3/4		3/4		3/4	3,192.87	3/4	2,972.95	3/4	2,718.98	3/4	2,465.05	3/4	2,211.05	3/4	1,957.08
5		5		5		5		5	3,191.73	5	2,967.66	5	2,713.69	5	2,459.73	5	2,205.76	5	1,951.79
1/4		1/4		1/4		1/4		1/4	3,189.68	1/4	2,962.37	1/4	2,708.40	1/4	2,454.44	1/4	2,200.47	1/4	1,946.50
1/2		1/2		1/2		1/2		1/2	3,187.62	1/2	2,957.08	1/2	2,703.11	1/2	2,449.15	1/2	2,195.18	1/2	1,941.21
3/4		3/4		3/4		3/4		3/4	3,185.57	3/4	2,951.79	3/4	2,697.82	3/4	2,443.85	3/4	2,189.88	3/4	1,935.92
6		6		6		6		6	3,183.51	6	2,946.50	6	2,692.53	6	2,438.56	6	2,184.59	6	1,930.63
1/4		1/4		1/4		1/4		1/4	3,180.55	1/4	2,941.21	1/4	2,687.24	1/4	2,433.27	1/4	2,179.30	1/4	1,925.34
1/2		1/2		1/2		1/2		1/2	3,177.58	1/2	2,935.92	1/2	2,681.95	1/2	2,427.98	1/2	2,174.01	1/2	1,920.05
3/4		3/4		3/4		3/4		3/4	3,174.62	3/4	2,930.62	3/4	2,676.66	3/4	2,422.69	3/4	2,168.72	3/4	1,914.75
7		7		7		7		7	3,171.65	7	2,925.33	7	2,671.37	7	2,417.40	7	2,163.43	7	1,909.46
1/4		1/4		1/4		1/4		1/4	3,167.77	1/4	2,920.04	1/4	2,666.08	1/4	2,412.11	1/4	2,158.14	1/4	1,904.17
1/2		1/2		1/2		1/2		1/2	3,163.90	1/2	2,914.75	1/2	2,660.79	1/2	2,406.82	1/2	2,152.85	1/2	1,898.88
3/4		3/4		3/4		3/4		3/4	3,160.02	3/4	2,909.46	3/4	2,655.49	3/4	2,401.52	3/4	2,147.56	3/4	1,893.59
8		8		8		8		8	3,156.14	8	2,904.17	8	2,650.20	8	2,396.23	8	2,142.27	8	1,888.30
1/4		1/4		1/4		1/4		1/4	3,151.35	1/4	2,898.88	1/4	2,644.91	1/4	2,390.94	1/4	2,136.98	1/4	1,883.01
1/2		1/2		1/2		1/2		1/2	3,146.56	1/2	2,893.59	1/2	2,639.62	1/2	2,385.65	1/2	2,131.69	1/2	1,877.72
3/4		3/4		3/4		3/4		3/4	3,141.76	3/4	2,888.30	3/4	2,634.33	3/4	2,380.36	3/4	2,126.39	3/4	1,872.42
9		9		9		9		9	3,136.97	9	2,883.01	9	2,629.04	9	2,375.07	9	2,121.10	9	1,867.13
1/4		1/4		1/4		1/4		1/4	3,131.68	1/4	2,877.72	1/4	2,623.75	1/4	2,369.78	1/4	2,115.81	1/4	1,861.84
1/2		1/2		1/2		1/2		1/2	3,126.39	1/2	2,872.43	1/2	2,618.46	1/2	2,364.49	1/2	2,110.52	1/2	1,856.55
3/4		3/4		3/4		3/4		3/4	3,121.10	3/4	2,867.13	3/4	2,613.16	3/4	2,359.20	3/4	2,105.23	3/4	1,851.26
10		10		10		10		10	3,115.81	10	2,861.84	10	2,607.87	10	2,353.91	10	2,099.94	10	1,845.97
1/4		1/4		1/4		1/4		1/4	3,110.52	1/4	2,856.55	1/4	2,602.58	1/4	2,348.62	1/4	2,094.65	1/4	1,840.68
1/2		1/2		1/2		1/2		1/2	3,105.23	1/2	2,851.26	1/2	2,597.29	1/2	2,343.33	1/2	2,089.36	1/2	1,835.39
3/4		3/4		3/4		3/4		3/4	3,099.94	3/4	2,845.97	3/4	2,592.00	3/4	2,338.03	3/4	2,084.06	3/4	1,830.10
11		11		11		11		11	3,094.65	11	2,840.68	11	2,586.71	11	2,332.74	11	2,078.77	11	1,824.81
1/4		1/4		1/4		1/4		1/4	3,089.36	1/4	2,835.39	1/4	2,581.42	1/4	2,327.45	1/4	2,073.48	1/4	1,819.52
1/2		1/2		1/2		1/2		1/2	3,084.07	1/2	2,830.10	1/2	2,576.13	1/2	2,322.16	1/2	2,068.19	1/2	1,814.23
3/4		3/4		3/4		3/4		3/4	3,078.77	3/4	2,824.80	3/4	2,570.84	3/4	2,316.87	3/4	2,062.90	3/4	1,808.93

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE ON EXPANSION DOME.

GAUGE POINT: (HERMETIC) LOCATED 02'-09" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "HTCO 3062"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,803.64	0	1,549.67	0	1,295.71	0	1,041.74	0	790.34	0	539.03	0	287.22	0	39.68	0		0	
1/4	1,798.35	1/4	1,544.38	1/4	1,290.42	1/4	1,036.45	1/4	785.13	1/4	533.79	1/4	281.98	1/4	35.27	1/4		1/4	
1/2	1,793.06	1/2	1,539.09	1/2	1,285.13	1/2	1,031.16	1/2	779.92	1/2	528.54	1/2	276.73	1/2	30.86	1/2		1/2	
3/4	1,787.77	3/4	1,533.80	3/4	1,279.83	3/4	1,025.86	3/4	774.70	3/4	523.30	3/4	271.49	3/4	26.44	3/4		3/4	
1	1,782.48	1	1,528.51	1	1,274.54	1	1,020.57	1	769.49	1	518.05	1	266.24	1	22.03	1		1	
1/4	1,777.19	1/4	1,523.22	1/4	1,269.25	1/4	1,015.28	1/4	764.28	1/4	512.80	1/4	261.00	1/4	18.88	1/4		1/4	
1/2	1,771.90	1/2	1,517.93	1/2	1,263.96	1/2	1,009.99	1/2	759.07	1/2	507.56	1/2	255.75	1/2	15.73	1/2		1/2	
3/4	1,766.60	3/4	1,512.64	3/4	1,258.67	3/4	1,004.70	3/4	753.85	3/4	502.31	3/4	250.51	3/4	12.58	3/4		3/4	
2	1,761.31	2	1,507.35	2	1,253.38	2	999.41	2	748.64	2	497.06	2	245.26	2	9.43	2		2	
1/4	1,756.02	1/4	1,502.06	1/4	1,248.09	1/4	994.12	1/4	743.43	1/4	491.81	1/4	240.01	1/4	7.68	1/4		1/4	
1/2	1,750.73	1/2	1,496.77	1/2	1,242.80	1/2	988.83	1/2	738.22	1/2	486.56	1/2	234.77	1/2	5.94	1/2		1/2	
3/4	1,745.44	3/4	1,491.47	3/4	1,237.50	3/4	983.54	3/4	733.00	3/4	481.31	3/4	229.52	3/4	4.19	3/4		3/4	
3	1,740.15	3	1,486.18	3	1,232.21	3	978.25	3	727.79	3	476.06	3	224.27	3	2.44	3		3	
1/4	1,734.86	1/4	1,480.89	1/4	1,226.92	1/4	972.98	1/4	722.57	1/4	470.82	1/4	219.07	1/4		1/4		1/4	
1/2	1,729.57	1/2	1,475.60	1/2	1,221.63	1/2	967.71	1/2	717.35	1/2	465.58	1/2	213.87	1/2		1/2		1/2	
3/4	1,724.28	3/4	1,470.31	3/4	1,216.34	3/4	962.43	3/4	712.12	3/4	460.34	3/4	208.67	3/4		3/4		3/4	
4	1,718.99	4	1,465.02	4	1,211.05	4	957.16	4	706.90	4	455.10	4	203.47	4		4		4	
1/4	1,713.70	1/4	1,459.73	1/4	1,205.76	1/4	951.95	1/4	701.66	1/4	449.85	1/4	198.40	1/4		1/4		1/4	
1/2	1,708.41	1/2	1,454.44	1/2	1,200.47	1/2	946.74	1/2	696.41	1/2	444.61	1/2	193.33	1/2		1/2		1/2	
3/4	1,703.11	3/4	1,449.14	3/4	1,195.18	3/4	941.52	3/4	691.17	3/4	439.36	3/4	188.26	3/4		3/4		3/4	
5	1,697.82	5	1,443.85	5	1,189.89	5	936.31	5	685.92	5	434.11	5	183.19	5		5		5	
1/4	1,692.53	1/4	1,438.56	1/4	1,184.60	1/4	931.10	1/4	680.67	1/4	428.86	1/4	178.12	1/4		1/4		1/4	
1/2	1,687.24	1/2	1,433.27	1/2	1,179.31	1/2	925.89	1/2	675.43	1/2	423.62	1/2	173.06	1/2		1/2		1/2	
3/4	1,681.95	3/4	1,427.98	3/4	1,174.01	3/4	920.67	3/4	670.18	3/4	418.37	3/4	167.99	3/4		3/4		3/4	
6	1,676.66	6	1,422.69	6	1,168.72	6	915.46	6	664.93	6	413.12	6	162.92	6		6		6	
1/4	1,671.37	1/4	1,417.40	1/4	1,163.44	1/4	910.25	1/4	659.69	1/4	407.88	1/4	157.85	1/4		1/4		1/4	
1/2	1,666.08	1/2	1,412.11	1/2	1,158.15	1/2	905.03	1/2	654.44	1/2	402.63	1/2	152.79	1/2		1/2		1/2	
3/4	1,660.78	3/4	1,406.82	3/4	1,152.87	3/4	899.82	3/4	649.20	3/4	397.39	3/4	147.72	3/4		3/4		3/4	
7	1,655.49	7	1,401.53	7	1,147.58	7	894.60	7	643.95	7	392.14	7	142.65	7		7		7	
1/4	1,650.20	1/4	1,396.24	1/4	1,142.28	1/4	889.39	1/4	638.71	1/4	386.90	1/4	137.58	1/4		1/4		1/4	
1/2	1,644.91	1/2	1,390.94	1/2	1,136.99	1/2	884.18	1/2	633.46	1/2	381.65	1/2	132.52	1/2		1/2		1/2	
3/4	1,639.62	3/4	1,385.65	3/4	1,131.69	3/4	878.97	3/4	628.22	3/4	376.41	3/4	127.45	3/4		3/4		3/4	
8	1,634.33	8	1,380.35	8	1,126.39	8	873.76	8	622.97	8	371.16	8	122.38	8		8		8	
1/4	1,629.04	1/4	1,375.06	1/4	1,121.10	1/4	868.55	1/4	617.72	1/4	365.92	1/4	117.31	1/4		1/4		1/4	
1/2	1,623.75	1/2	1,369.78	1/2	1,115.81	1/2	863.33	1/2	612.48	1/2	360.67	1/2	112.25	1/2		1/2		1/2	
3/4	1,618.46	3/4	1,364.49	3/4	1,110.52	3/4	858.12	3/4	607.23	3/4	355.43	3/4	107.18	3/4		3/4		3/4	
9	1,613.17	9	1,359.20	9	1,105.23	9	852.90	9	601.98	9	350.18	9	102.11	9		9		9	
1/4	1,607.88	1/4	1,353.91	1/4	1,099.94	1/4	847.69	1/4	596.74	1/4	344.93	1/4	97.00	1/4		1/4		1/4	
1/2	1,602.59	1/2	1,348.62	1/2	1,094.65	1/2	842.48	1/2	591.49	1/2	339.67	1/2	91.89	1/2		1/2		1/2	
3/4	1,597.29	3/4	1,343.32	3/4	1,089.36	3/4	837.27	3/4	586.25	3/4	334.42	3/4	86.77	3/4		3/4		3/4	
10	1,592.00	10	1,338.03	10	1,084.07	10	832.06	10	581.00	10	329.16	10	81.66	10		10		10	
1/4	1,586.71	1/4	1,332.74	1/4	1,078.78	1/4	826.85	1/4	575.75	1/4	323.92	1/4	76.39	1/4		1/4		1/4	
1/2	1,581.42	1/2	1,327.45	1/2	1,073.49	1/2	821.63	1/2	570.51	1/2	318.69	1/2	71.12	1/2		1/2		1/2	
3/4	1,576.13	3/4	1,322.16	3/4	1,068.19	3/4	816.42	3/4	565.26	3/4	313.45	3/4	65.84	3/4		3/4		3/4	
11	1,570.84	11	1,316.87	11	1,062.90	11	811.20	11	560.01	11	308.21	11	60.57	11		11		11	
1/4	1,565.55	1/4	1,311.58	1/4	1,057.61	1/4	805.99	1/4	554.77	1/4	302.96	1/4	55.35	1/4		1/4		1/4	
1/2	1,560.26	1/2	1,306.29	1/2	1,052.32	1/2	800.77	1/2	549.52	1/2	297.72	1/2	50.13	1/2		1/2		1/2	
3/4	1,554.96	3/4	1,301.00	3/4	1,047.03	3/4	795.56	3/4	544.28	3/4	292.47	3/4	44.90	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/2008 INSP.  
RECOMPUTED.: 05/31/2023 JS  
VERIFIED: 05/31/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "HTCO 3062"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0	3,367.59	0	3,089.42	0	2,811.26	0	2,533.10	0	2,254.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,361.79	1/4	3,083.63	1/4	2,805.47	1/4	2,527.31	1/4	2,249.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,356.00	1/2	3,077.83	1/2	2,799.67	1/2	2,521.51	1/2	2,243.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,350.20	3/4	3,072.04	3/4	2,793.88	3/4	2,515.72	3/4	2,237.56
1		1		1		1		1		1	3,344.41	1	3,066.24	1	2,788.08	1	2,509.92	1	2,231.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,338.61	1/4	3,060.45	1/4	2,782.29	1/4	2,504.13	1/4	2,225.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,332.82	1/2	3,054.65	1/2	2,776.49	1/2	2,498.33	1/2	2,220.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,327.02	3/4	3,048.86	3/4	2,770.70	3/4	2,492.54	3/4	2,214.38
2		2		2		2		2		2	3,321.23	2	3,043.06	2	2,764.90	2	2,486.74	2	2,208.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,315.43	1/4	3,037.27	1/4	2,759.11	1/4	2,480.95	1/4	2,202.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,309.64	1/2	3,031.47	1/2	2,753.31	1/2	2,475.15	1/2	2,196.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,303.84	3/4	3,025.68	3/4	2,747.52	3/4	2,469.36	3/4	2,191.20
3		3		3		3		3	3,509.45	3	3,298.05	3	3,019.88	3	2,741.72	3	2,463.56	3	2,185.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,509.07	1/4	3,292.25	1/4	3,014.09	1/4	2,735.93	1/4	2,457.77	1/4	2,179.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,508.69	1/2	3,286.46	1/2	3,008.29	1/2	2,730.13	1/2	2,451.97	1/2	2,173.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,508.31	3/4	3,280.66	3/4	3,002.50	3/4	2,724.34	3/4	2,446.18	3/4	2,168.02
4		4		4		4		4	3,507.05	4	3,274.87	4	2,996.70	4	2,718.54	4	2,440.38	4	2,162.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,505.80	1/4	3,269.07	1/4	2,990.91	1/4	2,712.75	1/4	2,434.59	1/4	2,156.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,504.54	1/2	3,263.28	1/2	2,985.11	1/2	2,706.95	1/2	2,428.79	1/2	2,150.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,503.28	3/4	3,257.48	3/4	2,979.32	3/4	2,701.16	3/4	2,423.00	3/4	2,144.84
5		5		5		5		5	3,501.02	5	3,251.69	5	2,973.52	5	2,695.36	5	2,417.20	5	2,139.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,498.76	1/4	3,245.89	1/4	2,967.73	1/4	2,689.57	1/4	2,411.41	1/4	2,133.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,496.49	1/2	3,240.10	1/2	2,961.93	1/2	2,683.77	1/2	2,405.61	1/2	2,127.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,494.23	3/4	3,234.30	3/4	2,956.14	3/4	2,677.98	3/4	2,399.82	3/4	2,121.68
6		6		6		6		6	3,490.96	6	3,228.51	6	2,950.34	6	2,672.18	6	2,394.02	6	2,115.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,487.69	1/4	3,222.71	1/4	2,944.55	1/4	2,666.39	1/4	2,388.23	1/4	2,110.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,484.42	1/2	3,216.92	1/2	2,938.75	1/2	2,660.59	1/2	2,382.43	1/2	2,104.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,481.15	3/4	3,211.12	3/4	2,932.96	3/4	2,654.80	3/4	2,376.64	3/4	2,098.48
7		7		7		7		7	3,476.87	7	3,205.33	7	2,927.16	7	2,649.00	7	2,370.84	7	2,092.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,472.60	1/4	3,199.53	1/4	2,921.37	1/4	2,643.21	1/4	2,365.05	1/4	2,086.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,468.32	1/2	3,193.74	1/2	2,915.57	1/2	2,637.41	1/2	2,359.25	1/2	2,081.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,464.04	3/4	3,187.94	3/4	2,909.78	3/4	2,631.62	3/4	2,353.46	3/4	2,075.30
8		8		8		8		8	3,458.76	8	3,182.14	8	2,903.98	8	2,625.82	8	2,347.66	8	2,069.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,453.48	1/4	3,176.35	1/4	2,898.19	1/4	2,620.03	1/4	2,341.87	1/4	2,063.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,448.20	1/2	3,170.55	1/2	2,892.39	1/2	2,614.23	1/2	2,336.07	1/2	2,057.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,442.92	3/4	3,164.76	3/4	2,886.60	3/4	2,608.44	3/4	2,330.28	3/4	2,052.12
9		9		9		9		9	3,437.13	9	3,158.96	9	2,880.80	9	2,602.64	9	2,324.48	9	2,046.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,431.33	1/4	3,153.17	1/4	2,875.01	1/4	2,596.85	1/4	2,318.69	1/4	2,040.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,425.54	1/2	3,147.37	1/2	2,869.21	1/2	2,591.05	1/2	2,312.89	1/2	2,034.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,419.74	3/4	3,141.58	3/4	2,863.42	3/4	2,585.26	3/4	2,307.10	3/4	2,028.94
10		10		10		10		10	3,413.95	10	3,135.78	10	2,857.62	10	2,579.46	10	2,301.30	10	2,023.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,408.15	1/4	3,129.99	1/4	2,851.83	1/4	2,573.67	1/4	2,295.51	1/4	2,017.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,402.36	1/2	3,124.19	1/2	2,846.03	1/2	2,567.87	1/2	2,289.71	1/2	2,011.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,396.56	3/4	3,118.40	3/4	2,840.24	3/4	2,562.08	3/4	2,283.92	3/4	2,005.76
11		11		11		11		11	3,390.77	11	3,112.60	11	2,834.44	11	2,556.28	11	2,278.12	11	1,999.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,384.97	1/4	3,106.81	1/4	2,828.65	1/4	2,550.49	1/4	2,272.33	1/4	1,994.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,379.18	1/2	3,101.01	1/2	2,822.85	1/2	2,544.69	1/2	2,266.53	1/2	1,988.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,373.38	3/4	3,095.22	3/4	2,817.06	3/4	2,538.90	3/4	2,260.74	3/4	1,982.58

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE ON EXPANSION DOME.  
 GAUGE POINT: (HERMETIC) LOCATED 02'-09" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

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# BARGE "HTCO 3062"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,976.78	0	1,698.62	0	1,420.46	0	1,142.30	0	865.74	0	588.57	0	310.92	0	38.86	0		0	
1/4	1,970.99	1/4	1,692.83	1/4	1,414.67	1/4	1,136.51	1/4	859.99	1/4	582.79	1/4	305.16	1/4	33.99	1/4		1/4	
1/2	1,965.19	1/2	1,687.03	1/2	1,408.87	1/2	1,130.71	1/2	854.25	1/2	577.00	1/2	299.40	1/2	29.13	1/2		1/2	
3/4	1,959.40	3/4	1,681.24	3/4	1,403.08	3/4	1,124.92	3/4	848.50	3/4	571.22	3/4	293.64	3/4	24.26	3/4		3/4	
1	1,953.60	1	1,675.44	1	1,397.28	1	1,119.12	1	842.75	1	565.43	1	287.83	1	20.79	1		1	
1/4	1,947.81	1/4	1,669.65	1/4	1,391.49	1/4	1,113.33	1/4	837.00	1/4	559.64	1/4	282.02	1/4	17.31	1/4		1/4	
1/2	1,942.01	1/2	1,663.85	1/2	1,385.69	1/2	1,107.53	1/2	831.25	1/2	553.85	1/2	276.21	1/2	13.84	1/2		1/2	
3/4	1,936.22	3/4	1,658.06	3/4	1,379.90	3/4	1,101.74	3/4	825.50	3/4	548.06	3/4	270.40	3/4	10.37	3/4		3/4	
2	1,930.42	2	1,652.26	2	1,374.10	2	1,095.94	2	819.75	2	542.28	2	264.61	2	8.44	2		2	
1/4	1,924.63	1/4	1,646.47	1/4	1,368.31	1/4	1,090.15	1/4	814.00	1/4	536.50	1/4	258.83	1/4	6.51	1/4		1/4	
1/2	1,918.83	1/2	1,640.67	1/2	1,362.51	1/2	1,084.35	1/2	808.26	1/2	530.72	1/2	253.04	1/2	4.59	1/2		1/2	
3/4	1,913.04	3/4	1,634.88	3/4	1,356.72	3/4	1,078.56	3/4	802.51	3/4	524.94	3/4	247.26	3/4	2.66	3/4		3/4	
3	1,907.24	3	1,629.08	3	1,350.92	3	1,072.77	3	796.75	3	519.15	3	241.52	3		3		3	
1/4	1,901.45	1/4	1,623.29	1/4	1,345.13	1/4	1,066.99	1/4	790.99	1/4	513.37	1/4	235.79	1/4		1/4		1/4	
1/2	1,895.65	1/2	1,617.49	1/2	1,339.33	1/2	1,061.20	1/2	785.24	1/2	507.58	1/2	230.05	1/2		1/2		1/2	
3/4	1,889.86	3/4	1,611.70	3/4	1,333.54	3/4	1,055.42	3/4	779.48	3/4	501.80	3/4	224.32	3/4		3/4		3/4	
4	1,884.06	4	1,605.90	4	1,327.74	4	1,049.67	4	773.69	4	496.01	4	218.73	4		4		4	
1/4	1,878.27	1/4	1,600.11	1/4	1,321.95	1/4	1,043.92	1/4	767.91	1/4	490.23	1/4	213.14	1/4		1/4		1/4	
1/2	1,872.47	1/2	1,594.31	1/2	1,316.15	1/2	1,038.18	1/2	762.12	1/2	484.44	1/2	207.56	1/2		1/2		1/2	
3/4	1,866.68	3/4	1,588.52	3/4	1,310.36	3/4	1,032.43	3/4	756.34	3/4	478.66	3/4	201.97	3/4		3/4		3/4	
5	1,860.88	5	1,582.72	5	1,304.56	5	1,026.68	5	750.55	5	472.87	5	196.38	5		5		5	
1/4	1,855.09	1/4	1,576.93	1/4	1,298.77	1/4	1,020.93	1/4	744.77	1/4	467.09	1/4	190.79	1/4		1/4		1/4	
1/2	1,849.29	1/2	1,571.13	1/2	1,292.97	1/2	1,015.19	1/2	738.98	1/2	461.30	1/2	185.21	1/2		1/2		1/2	
3/4	1,843.50	3/4	1,565.34	3/4	1,287.18	3/4	1,009.44	3/4	733.20	3/4	455.52	3/4	179.62	3/4		3/4		3/4	
6	1,837.70	6	1,559.54	6	1,281.38	6	1,003.69	6	727.41	6	449.73	6	174.03	6		6		6	
1/4	1,831.91	1/4	1,553.75	1/4	1,275.59	1/4	997.94	1/4	721.63	1/4	443.95	1/4	168.45	1/4		1/4		1/4	
1/2	1,826.11	1/2	1,547.95	1/2	1,269.79	1/2	992.20	1/2	715.84	1/2	438.16	1/2	162.86	1/2		1/2		1/2	
3/4	1,820.32	3/4	1,542.16	3/4	1,264.00	3/4	986.45	3/4	710.06	3/4	432.38	3/4	157.28	3/4		3/4		3/4	
7	1,814.52	7	1,536.36	7	1,258.20	7	980.70	7	704.25	7	426.59	7	151.69	7		7		7	
1/4	1,808.73	1/4	1,530.57	1/4	1,252.41	1/4	974.95	1/4	698.44	1/4	420.81	1/4	146.09	1/4		1/4		1/4	
1/2	1,802.93	1/2	1,524.77	1/2	1,246.61	1/2	969.21	1/2	692.63	1/2	415.02	1/2	140.50	1/2		1/2		1/2	
3/4	1,797.14	3/4	1,518.98	3/4	1,240.82	3/4	963.46	3/4	686.82	3/4	409.24	3/4	134.91	3/4		3/4		3/4	
8	1,791.34	8	1,513.18	8	1,235.02	8	957.71	8	681.05	8	403.45	8	129.32	8		8		8	
1/4	1,785.55	1/4	1,507.39	1/4	1,229.23	1/4	951.96	1/4	675.28	1/4	397.67	1/4	123.73	1/4		1/4		1/4	
1/2	1,779.75	1/2	1,501.59	1/2	1,223.43	1/2	946.21	1/2	669.52	1/2	391.88	1/2	118.15	1/2		1/2		1/2	
3/4	1,773.96	3/4	1,495.80	3/4	1,217.64	3/4	940.46	3/4	663.75	3/4	386.10	3/4	112.56	3/4		3/4		3/4	
9	1,768.16	9	1,490.00	9	1,211.84	9	934.71	9	657.97	9	380.31	9	106.92	9		9		9	
1/4	1,762.37	1/4	1,484.21	1/4	1,206.05	1/4	928.96	1/4	652.19	1/4	374.53	1/4	101.28	1/4		1/4		1/4	
1/2	1,756.57	1/2	1,478.41	1/2	1,200.25	1/2	923.22	1/2	646.42	1/2	368.74	1/2	95.65	1/2		1/2		1/2	
3/4	1,750.78	3/4	1,472.62	3/4	1,194.46	3/4	917.47	3/4	640.64	3/4	362.96	3/4	90.01	3/4		3/4		3/4	
10	1,744.98	10	1,466.82	10	1,188.66	10	911.72	10	634.85	10	357.17	10	84.67	10		10		10	
1/4	1,739.19	1/4	1,461.03	1/4	1,182.87	1/4	905.97	1/4	629.07	1/4	351.39	1/4	79.34	1/4		1/4		1/4	
1/2	1,733.39	1/2	1,455.23	1/2	1,177.07	1/2	900.23	1/2	623.28	1/2	345.60	1/2	74.00	1/2		1/2		1/2	
3/4	1,727.60	3/4	1,449.44	3/4	1,171.28	3/4	894.48	3/4	617.50	3/4	339.82	3/4	68.67	3/4		3/4		3/4	
11	1,721.80	11	1,443.64	11	1,165.48	11	888.73	11	611.71	11	334.03	11	62.43	11		11		11	
1/4	1,716.01	1/4	1,437.85	1/4	1,159.69	1/4	882.98	1/4	605.93	1/4	328.25	1/4	56.20	1/4		1/4		1/4	
1/2	1,710.21	1/2	1,432.05	1/2	1,153.89	1/2	877.24	1/2	600.14	1/2	322.46	1/2	49.96	1/2		1/2		1/2	
3/4	1,704.42	3/4	1,426.26	3/4	1,148.10	3/4	871.49	3/4	594.36	3/4	316.68	3/4	43.73	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/2008 INSP.  
RECOMPUTED.: 05/31/2023 JS  
VERIFIED: 05/31/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "HTCO 3062"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0	3,367.59	0	3,089.42	0	2,811.26	0	2,533.10	0	2,254.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,361.79	1/4	3,083.63	1/4	2,805.47	1/4	2,527.31	1/4	2,249.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,356.00	1/2	3,077.83	1/2	2,799.67	1/2	2,521.51	1/2	2,243.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,350.20	3/4	3,072.04	3/4	2,793.88	3/4	2,515.72	3/4	2,237.56
1		1		1		1		1		1	3,344.41	1	3,066.24	1	2,788.08	1	2,509.92	1	2,231.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,338.61	1/4	3,060.45	1/4	2,782.29	1/4	2,504.13	1/4	2,225.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,332.82	1/2	3,054.65	1/2	2,776.49	1/2	2,498.33	1/2	2,220.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,327.02	3/4	3,048.86	3/4	2,770.70	3/4	2,492.54	3/4	2,214.38
2		2		2		2		2		2	3,321.23	2	3,043.06	2	2,764.90	2	2,486.74	2	2,208.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,315.43	1/4	3,037.27	1/4	2,759.11	1/4	2,480.95	1/4	2,202.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,309.64	1/2	3,031.47	1/2	2,753.31	1/2	2,475.15	1/2	2,196.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,303.84	3/4	3,025.68	3/4	2,747.52	3/4	2,469.36	3/4	2,191.20
3		3		3		3		3	3,509.45	3	3,298.05	3	3,019.88	3	2,741.72	3	2,463.56	3	2,185.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,509.07	1/4	3,292.25	1/4	3,014.09	1/4	2,735.93	1/4	2,457.77	1/4	2,179.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,508.69	1/2	3,286.46	1/2	3,008.29	1/2	2,730.13	1/2	2,451.97	1/2	2,173.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,508.31	3/4	3,280.66	3/4	3,002.50	3/4	2,724.34	3/4	2,446.18	3/4	2,168.02
4		4		4		4		4	3,507.05	4	3,274.87	4	2,996.70	4	2,718.54	4	2,440.38	4	2,162.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,505.80	1/4	3,269.07	1/4	2,990.91	1/4	2,712.75	1/4	2,434.59	1/4	2,156.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,504.54	1/2	3,263.28	1/2	2,985.11	1/2	2,706.95	1/2	2,428.79	1/2	2,150.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,503.28	3/4	3,257.48	3/4	2,979.32	3/4	2,701.16	3/4	2,423.00	3/4	2,144.84
5		5		5		5		5	3,501.02	5	3,251.69	5	2,973.52	5	2,695.36	5	2,417.20	5	2,139.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,498.76	1/4	3,245.89	1/4	2,967.73	1/4	2,689.57	1/4	2,411.41	1/4	2,133.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,496.49	1/2	3,240.10	1/2	2,961.93	1/2	2,683.77	1/2	2,405.61	1/2	2,127.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,494.23	3/4	3,234.30	3/4	2,956.14	3/4	2,677.98	3/4	2,399.82	3/4	2,121.68
6		6		6		6		6	3,490.96	6	3,228.51	6	2,950.34	6	2,672.18	6	2,394.02	6	2,115.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,487.69	1/4	3,222.71	1/4	2,944.55	1/4	2,666.39	1/4	2,388.23	1/4	2,110.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,484.42	1/2	3,216.92	1/2	2,938.75	1/2	2,660.59	1/2	2,382.43	1/2	2,104.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,481.15	3/4	3,211.12	3/4	2,932.96	3/4	2,654.80	3/4	2,376.64	3/4	2,098.48
7		7		7		7		7	3,476.87	7	3,205.33	7	2,927.16	7	2,649.00	7	2,370.84	7	2,092.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,472.60	1/4	3,199.53	1/4	2,921.37	1/4	2,643.21	1/4	2,365.05	1/4	2,086.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,468.32	1/2	3,193.74	1/2	2,915.57	1/2	2,637.41	1/2	2,359.25	1/2	2,081.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,464.04	3/4	3,187.94	3/4	2,909.78	3/4	2,631.62	3/4	2,353.46	3/4	2,075.30
8		8		8		8		8	3,458.76	8	3,182.14	8	2,903.98	8	2,625.82	8	2,347.66	8	2,069.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,453.48	1/4	3,176.35	1/4	2,898.19	1/4	2,620.03	1/4	2,341.87	1/4	2,063.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,448.20	1/2	3,170.55	1/2	2,892.39	1/2	2,614.23	1/2	2,336.07	1/2	2,057.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,442.92	3/4	3,164.76	3/4	2,886.60	3/4	2,608.44	3/4	2,330.28	3/4	2,052.12
9		9		9		9		9	3,437.13	9	3,158.96	9	2,880.80	9	2,602.64	9	2,324.48	9	2,046.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,431.33	1/4	3,153.17	1/4	2,875.01	1/4	2,596.85	1/4	2,318.69	1/4	2,040.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,425.54	1/2	3,147.37	1/2	2,869.21	1/2	2,591.05	1/2	2,312.89	1/2	2,034.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,419.74	3/4	3,141.58	3/4	2,863.42	3/4	2,585.26	3/4	2,307.10	3/4	2,028.94
10		10		10		10		10	3,413.95	10	3,135.78	10	2,857.62	10	2,579.46	10	2,301.30	10	2,023.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,408.15	1/4	3,129.99	1/4	2,851.83	1/4	2,573.67	1/4	2,295.51	1/4	2,017.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,402.36	1/2	3,124.19	1/2	2,846.03	1/2	2,567.87	1/2	2,289.71	1/2	2,011.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,396.56	3/4	3,118.40	3/4	2,840.24	3/4	2,562.08	3/4	2,283.92	3/4	2,005.76
11		11		11		11		11	3,390.77	11	3,112.60	11	2,834.44	11	2,556.28	11	2,278.12	11	1,999.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,384.97	1/4	3,106.81	1/4	2,828.65	1/4	2,550.49	1/4	2,272.33	1/4	1,994.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,379.18	1/2	3,101.01	1/2	2,822.85	1/2	2,544.69	1/2	2,266.53	1/2	1,988.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,373.38	3/4	3,095.22	3/4	2,817.06	3/4	2,538.90	3/4	2,260.74	3/4	1,982.58

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE ON EXPANSION DOME.  
 GAUGE POINT: (HERMETIC) LOCATED 02'-09" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "HTCO 3062"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,976.78	0	1,698.62	0	1,420.46	0	1,142.30	0	865.74	0	588.57	0	310.92	0	38.86	0		0	
1/4	1,970.99	1/4	1,692.83	1/4	1,414.67	1/4	1,136.51	1/4	859.99	1/4	582.79	1/4	305.16	1/4	33.99	1/4		1/4	
1/2	1,965.19	1/2	1,687.03	1/2	1,408.87	1/2	1,130.71	1/2	854.25	1/2	577.00	1/2	299.40	1/2	29.13	1/2		1/2	
3/4	1,959.40	3/4	1,681.24	3/4	1,403.08	3/4	1,124.92	3/4	848.50	3/4	571.22	3/4	293.64	3/4	24.26	3/4		3/4	
1	1,953.60	1	1,675.44	1	1,397.28	1	1,119.12	1	842.75	1	565.43	1	287.83	1	20.79	1		1	
1/4	1,947.81	1/4	1,669.65	1/4	1,391.49	1/4	1,113.33	1/4	837.00	1/4	559.64	1/4	282.02	1/4	17.31	1/4		1/4	
1/2	1,942.01	1/2	1,663.85	1/2	1,385.69	1/2	1,107.53	1/2	831.25	1/2	553.85	1/2	276.21	1/2	13.84	1/2		1/2	
3/4	1,936.22	3/4	1,658.06	3/4	1,379.90	3/4	1,101.74	3/4	825.50	3/4	548.06	3/4	270.40	3/4	10.37	3/4		3/4	
2	1,930.42	2	1,652.26	2	1,374.10	2	1,095.94	2	819.75	2	542.28	2	264.61	2	8.44	2		2	
1/4	1,924.63	1/4	1,646.47	1/4	1,368.31	1/4	1,090.15	1/4	814.00	1/4	536.50	1/4	258.83	1/4	6.51	1/4		1/4	
1/2	1,918.83	1/2	1,640.67	1/2	1,362.51	1/2	1,084.35	1/2	808.26	1/2	530.72	1/2	253.04	1/2	4.59	1/2		1/2	
3/4	1,913.04	3/4	1,634.88	3/4	1,356.72	3/4	1,078.56	3/4	802.51	3/4	524.94	3/4	247.26	3/4	2.66	3/4		3/4	
3	1,907.24	3	1,629.08	3	1,350.92	3	1,072.77	3	796.75	3	519.15	3	241.52	3		3		3	
1/4	1,901.45	1/4	1,623.29	1/4	1,345.13	1/4	1,066.99	1/4	790.99	1/4	513.37	1/4	235.79	1/4		1/4		1/4	
1/2	1,895.65	1/2	1,617.49	1/2	1,339.33	1/2	1,061.20	1/2	785.24	1/2	507.58	1/2	230.05	1/2		1/2		1/2	
3/4	1,889.86	3/4	1,611.70	3/4	1,333.54	3/4	1,055.42	3/4	779.48	3/4	501.80	3/4	224.32	3/4		3/4		3/4	
4	1,884.06	4	1,605.90	4	1,327.74	4	1,049.67	4	773.69	4	496.01	4	218.73	4		4		4	
1/4	1,878.27	1/4	1,600.11	1/4	1,321.95	1/4	1,043.92	1/4	767.91	1/4	490.23	1/4	213.14	1/4		1/4		1/4	
1/2	1,872.47	1/2	1,594.31	1/2	1,316.15	1/2	1,038.18	1/2	762.12	1/2	484.44	1/2	207.56	1/2		1/2		1/2	
3/4	1,866.68	3/4	1,588.52	3/4	1,310.36	3/4	1,032.43	3/4	756.34	3/4	478.66	3/4	201.97	3/4		3/4		3/4	
5	1,860.88	5	1,582.72	5	1,304.56	5	1,026.68	5	750.55	5	472.87	5	196.38	5		5		5	
1/4	1,855.09	1/4	1,576.93	1/4	1,298.77	1/4	1,020.93	1/4	744.77	1/4	467.09	1/4	190.79	1/4		1/4		1/4	
1/2	1,849.29	1/2	1,571.13	1/2	1,292.97	1/2	1,015.19	1/2	738.98	1/2	461.30	1/2	185.21	1/2		1/2		1/2	
3/4	1,843.50	3/4	1,565.34	3/4	1,287.18	3/4	1,009.44	3/4	733.20	3/4	455.52	3/4	179.62	3/4		3/4		3/4	
6	1,837.70	6	1,559.54	6	1,281.38	6	1,003.69	6	727.41	6	449.73	6	174.03	6		6		6	
1/4	1,831.91	1/4	1,553.75	1/4	1,275.59	1/4	997.94	1/4	721.63	1/4	443.95	1/4	168.45	1/4		1/4		1/4	
1/2	1,826.11	1/2	1,547.95	1/2	1,269.79	1/2	992.20	1/2	715.84	1/2	438.16	1/2	162.86	1/2		1/2		1/2	
3/4	1,820.32	3/4	1,542.16	3/4	1,264.00	3/4	986.45	3/4	710.06	3/4	432.38	3/4	157.28	3/4		3/4		3/4	
7	1,814.52	7	1,536.36	7	1,258.20	7	980.70	7	704.25	7	426.59	7	151.69	7		7		7	
1/4	1,808.73	1/4	1,530.57	1/4	1,252.41	1/4	974.95	1/4	698.44	1/4	420.81	1/4	146.09	1/4		1/4		1/4	
1/2	1,802.93	1/2	1,524.77	1/2	1,246.61	1/2	969.21	1/2	692.63	1/2	415.02	1/2	140.50	1/2		1/2		1/2	
3/4	1,797.14	3/4	1,518.98	3/4	1,240.82	3/4	963.46	3/4	686.82	3/4	409.24	3/4	134.91	3/4		3/4		3/4	
8	1,791.34	8	1,513.18	8	1,235.02	8	957.71	8	681.05	8	403.45	8	129.32	8		8		8	
1/4	1,785.55	1/4	1,507.39	1/4	1,229.23	1/4	951.96	1/4	675.28	1/4	397.67	1/4	123.73	1/4		1/4		1/4	
1/2	1,779.75	1/2	1,501.59	1/2	1,223.43	1/2	946.21	1/2	669.52	1/2	391.88	1/2	118.15	1/2		1/2		1/2	
3/4	1,773.96	3/4	1,495.80	3/4	1,217.64	3/4	940.46	3/4	663.75	3/4	386.10	3/4	112.56	3/4		3/4		3/4	
9	1,768.16	9	1,490.00	9	1,211.84	9	934.71	9	657.97	9	380.31	9	106.92	9		9		9	
1/4	1,762.37	1/4	1,484.21	1/4	1,206.05	1/4	928.96	1/4	652.19	1/4	374.53	1/4	101.28	1/4		1/4		1/4	
1/2	1,756.57	1/2	1,478.41	1/2	1,200.25	1/2	923.22	1/2	646.42	1/2	368.74	1/2	95.65	1/2		1/2		1/2	
3/4	1,750.78	3/4	1,472.62	3/4	1,194.46	3/4	917.47	3/4	640.64	3/4	362.96	3/4	90.01	3/4		3/4		3/4	
10	1,744.98	10	1,466.82	10	1,188.66	10	911.72	10	634.85	10	357.17	10	84.67	10		10		10	
1/4	1,739.19	1/4	1,461.03	1/4	1,182.87	1/4	905.97	1/4	629.07	1/4	351.39	1/4	79.34	1/4		1/4		1/4	
1/2	1,733.39	1/2	1,455.23	1/2	1,177.07	1/2	900.23	1/2	623.28	1/2	345.60	1/2	74.00	1/2		1/2		1/2	
3/4	1,727.60	3/4	1,449.44	3/4	1,171.28	3/4	894.48	3/4	617.50	3/4	339.82	3/4	68.67	3/4		3/4		3/4	
11	1,721.80	11	1,443.64	11	1,165.48	11	888.73	11	611.71	11	334.03	11	62.43	11		11		11	
1/4	1,716.01	1/4	1,437.85	1/4	1,159.69	1/4	882.98	1/4	605.93	1/4	328.25	1/4	56.20	1/4		1/4		1/4	
1/2	1,710.21	1/2	1,432.05	1/2	1,153.89	1/2	877.24	1/2	600.14	1/2	322.46	1/2	49.96	1/2		1/2		1/2	
3/4	1,704.42	3/4	1,426.26	3/4	1,148.10	3/4	871.49	3/4	594.36	3/4	316.68	3/4	43.73	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/2008 INSP.  
RECOMPUTED.: 05/31/2023 JS  
VERIFIED: 05/31/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "HTCO 3062"

## 4 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0	3,115.64	0	3,016.19	0	2,807.62	0	2,530.04	0	2,252.46
1/4		1/4		1/4		1/4		1/4		1/4	3,113.60	1/4	3,014.12	1/4	2,801.84	1/4	2,524.26	1/4	2,246.67
1/2		1/2		1/2		1/2		1/2		1/2	3,111.57	1/2	3,012.04	1/2	2,796.05	1/2	2,518.47	1/2	2,240.89
3/4		3/4		3/4		3/4		3/4		3/4	3,109.53	3/4	3,009.97	3/4	2,790.27	3/4	2,512.69	3/4	2,235.10
1		1		1		1		1		1	3,107.50	1	3,007.90	1	2,784.49	1	2,506.91	1	2,229.32
1/4		1/4		1/4		1/4		1/4		1/4	3,105.39	1/4	3,005.77	1/4	2,778.71	1/4	2,501.13	1/4	2,223.54
1/2		1/2		1/2		1/2		1/2		1/2	3,103.28	1/2	3,003.63	1/2	2,772.92	1/2	2,495.34	1/2	2,217.75
3/4		3/4		3/4		3/4		3/4		3/4	3,101.18	3/4	3,001.50	3/4	2,767.14	3/4	2,489.56	3/4	2,211.97
2		2		2		2		2		2	3,099.07	2	2,999.37	2	2,761.36	2	2,483.78	2	2,206.19
1/4		1/4		1/4		1/4		1/4		1/4	3,097.00	1/4	2,996.78	1/4	2,755.58	1/4	2,477.99	1/4	2,200.41
1/2		1/2		1/2		1/2		1/2		1/2	3,094.92	1/2	2,994.18	1/2	2,749.79	1/2	2,472.21	1/2	2,194.62
3/4		3/4		3/4		3/4		3/4		3/4	3,092.85	3/4	2,991.59	3/4	2,744.01	3/4	2,466.42	3/4	2,188.84
3		3		3		3		3		3	3,090.78	3	2,989.00	3	2,738.23	3	2,460.64	3	2,183.06
1/4		1/4		1/4		1/4		1/4	3,164.34	1/4	3,088.71	1/4	2,985.81	1/4	2,732.45	1/4	2,454.88	1/4	2,177.28
1/2		1/2		1/2		1/2		1/2	3,164.20	1/2	3,086.63	1/2	2,982.61	1/2	2,726.66	1/2	2,449.12	1/2	2,171.49
3/4		3/4		3/4		3/4		3/4	3,164.07	3/4	3,084.56	3/4	2,979.42	3/4	2,720.88	3/4	2,443.37	3/4	2,165.71
4		4		4		4		4	3,163.93	4	3,082.49	4	2,976.23	4	2,715.10	4	2,437.61	4	2,159.93
1/4		1/4		1/4		1/4		1/4	3,163.48	1/4	3,080.42	1/4	2,972.37	1/4	2,709.31	1/4	2,431.80	1/4	2,154.15
1/2		1/2		1/2		1/2		1/2	3,163.03	1/2	3,078.34	1/2	2,968.52	1/2	2,703.53	1/2	2,425.99	1/2	2,148.36
3/4		3/4		3/4		3/4		3/4	3,162.58	3/4	3,076.27	3/4	2,964.66	3/4	2,697.74	3/4	2,420.19	3/4	2,142.58
5		5		5		5		5	3,162.13	5	3,074.20	5	2,960.81	5	2,691.96	5	2,414.38	5	2,136.80
1/4		1/4		1/4		1/4		1/4	3,161.32	1/4	3,072.13	1/4	2,956.36	1/4	2,686.18	1/4	2,408.60	1/4	2,131.01
1/2		1/2		1/2		1/2		1/2	3,160.51	1/2	3,070.05	1/2	2,951.91	1/2	2,680.39	1/2	2,402.81	1/2	2,125.23
3/4		3/4		3/4		3/4		3/4	3,159.70	3/4	3,067.98	3/4	2,947.47	3/4	2,674.61	3/4	2,397.03	3/4	2,119.44
6		6		6		6		6	3,158.89	6	3,065.91	6	2,943.02	6	2,668.83	6	2,391.25	6	2,113.66
1/4		1/4		1/4		1/4		1/4	3,157.72	1/4	3,063.84	1/4	2,937.91	1/4	2,663.05	1/4	2,385.47	1/4	2,107.88
1/2		1/2		1/2		1/2		1/2	3,156.54	1/2	3,061.77	1/2	2,932.80	1/2	2,657.26	1/2	2,379.68	1/2	2,102.09
3/4		3/4		3/4		3/4		3/4	3,155.37	3/4	3,059.70	3/4	2,927.69	3/4	2,651.48	3/4	2,373.90	3/4	2,096.31
7		7		7		7		7	3,154.20	7	3,057.63	7	2,922.58	7	2,645.70	7	2,368.12	7	2,090.53
1/4		1/4		1/4		1/4		1/4	3,152.67	1/4	3,055.56	1/4	2,916.97	1/4	2,639.92	1/4	2,362.33	1/4	2,084.75
1/2		1/2		1/2		1/2		1/2	3,151.13	1/2	3,053.48	1/2	2,911.36	1/2	2,634.13	1/2	2,356.55	1/2	2,078.96
3/4		3/4		3/4		3/4		3/4	3,149.60	3/4	3,051.41	3/4	2,905.76	3/4	2,628.35	3/4	2,350.76	3/4	2,073.18
8		8		8		8		8	3,148.07	8	3,049.34	8	2,900.15	8	2,622.57	8	2,344.98	8	2,067.40
1/4		1/4		1/4		1/4		1/4	3,146.18	1/4	3,047.27	1/4	2,894.37	1/4	2,616.79	1/4	2,339.20	1/4	2,061.62
1/2		1/2		1/2		1/2		1/2	3,144.29	1/2	3,045.19	1/2	2,888.58	1/2	2,611.00	1/2	2,333.41	1/2	2,055.83
3/4		3/4		3/4		3/4		3/4	3,142.40	3/4	3,043.12	3/4	2,882.80	3/4	2,605.22	3/4	2,327.63	3/4	2,050.05
9		9		9		9		9	3,140.51	9	3,041.05	9	2,877.02	9	2,599.44	9	2,321.85	9	2,044.27
1/4		1/4		1/4		1/4		1/4	3,138.44	1/4	3,038.98	1/4	2,871.24	1/4	2,593.65	1/4	2,316.07	1/4	2,038.49
1/2		1/2		1/2		1/2		1/2	3,136.36	1/2	3,036.90	1/2	2,865.45	1/2	2,587.87	1/2	2,310.28	1/2	2,032.70
3/4		3/4		3/4		3/4		3/4	3,134.29	3/4	3,034.83	3/4	2,859.67	3/4	2,582.08	3/4	2,304.50	3/4	2,026.92
10		10		10		10		10	3,132.22	10	3,032.76	10	2,853.89	10	2,576.30	10	2,298.72	10	2,021.14
1/4		1/4		1/4		1/4		1/4	3,130.15	1/4	3,030.69	1/4	2,848.11	1/4	2,570.52	1/4	2,292.94	1/4	2,015.35
1/2		1/2		1/2		1/2		1/2	3,128.07	1/2	3,028.61	1/2	2,842.32	1/2	2,564.73	1/2	2,287.15	1/2	2,009.57
3/4		3/4		3/4		3/4		3/4	3,126.00	3/4	3,026.54	3/4	2,836.54	3/4	2,558.95	3/4	2,281.37	3/4	2,003.78
11		11		11		11		11	3,123.93	11	3,024.47	11	2,830.76	11	2,553.17	11	2,275.59	11	1,998.00
1/4		1/4		1/4		1/4		1/4	3,121.86	1/4	3,022.40	1/4	2,824.97	1/4	2,547.39	1/4	2,269.81	1/4	1,992.22
1/2		1/2		1/2		1/2		1/2	3,119.78	1/2	3,020.33	1/2	2,819.19	1/2	2,541.60	1/2	2,264.02	1/2	1,986.43
3/4		3/4		3/4		3/4		3/4	3,117.71	3/4	3,018.26	3/4	2,813.40	3/4	2,535.82	3/4	2,258.24	3/4	1,980.65

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE ON EXPANSION DOME.

GAUGE POINT: (HERMETIC) LOCATED 02'-09" OFF CENTERLINE AND 71'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HTCO 3062"

## 4 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,974.87	0	1,697.29	0	1,419.70	0	1,142.12	0	866.75	0	591.22	0	315.18	0	43.47	0		0	
1/4	1,969.09	1/4	1,691.51	1/4	1,413.92	1/4	1,136.34	1/4	861.03	1/4	585.47	1/4	309.43	1/4	38.63	1/4		1/4	
1/2	1,963.30	1/2	1,685.72	1/2	1,408.13	1/2	1,130.55	1/2	855.31	1/2	579.72	1/2	303.67	1/2	33.79	1/2		1/2	
3/4	1,957.52	3/4	1,679.94	3/4	1,402.35	3/4	1,124.77	3/4	849.60	3/4	573.97	3/4	297.92	3/4	28.95	3/4		3/4	
1	1,951.74	1	1,674.16	1	1,396.57	1	1,118.99	1	843.88	1	568.22	1	292.17	1	24.11	1		1	
1/4	1,945.96	1/4	1,668.37	1/4	1,390.79	1/4	1,113.21	1/4	838.16	1/4	562.47	1/4	286.42	1/4	20.66	1/4		1/4	
1/2	1,940.17	1/2	1,662.59	1/2	1,385.00	1/2	1,107.42	1/2	832.45	1/2	556.72	1/2	280.67	1/2	17.21	1/2		1/2	
3/4	1,934.39	3/4	1,656.80	3/4	1,379.22	3/4	1,101.64	3/4	826.73	3/4	550.97	3/4	274.92	3/4	13.76	3/4		3/4	
2	1,928.61	2	1,651.02	2	1,373.44	2	1,095.86	2	821.02	2	545.22	2	269.17	2	10.31	2		2	
1/4	1,922.83	1/4	1,645.24	1/4	1,367.66	1/4	1,090.07	1/4	815.30	1/4	539.47	1/4	263.42	1/4	8.39	1/4		1/4	
1/2	1,917.04	1/2	1,639.45	1/2	1,361.87	1/2	1,084.29	1/2	809.58	1/2	533.71	1/2	257.66	1/2	6.47	1/2		1/2	
3/4	1,911.26	3/4	1,633.67	3/4	1,356.09	3/4	1,078.50	3/4	803.87	3/4	527.96	3/4	251.91	3/4	4.56	3/4		3/4	
3	1,905.48	3	1,627.89	3	1,350.31	3	1,072.72	3	798.15	3	522.21	3	246.16	3	2.64	3		3	
1/4	1,899.69	1/4	1,622.11	1/4	1,344.53	1/4	1,066.95	1/4	792.43	1/4	516.46	1/4	240.45	1/4		1/4		1/4	
1/2	1,893.91	1/2	1,616.32	1/2	1,338.74	1/2	1,061.19	1/2	786.70	1/2	510.71	1/2	234.75	1/2		1/2		1/2	
3/4	1,888.12	3/4	1,610.54	3/4	1,332.96	3/4	1,055.42	3/4	780.98	3/4	504.96	3/4	229.04	3/4		3/4		3/4	
4	1,882.34	4	1,604.76	4	1,327.18	4	1,049.66	4	775.26	4	499.21	4	223.34	4		4		4	
1/4	1,876.56	1/4	1,598.98	1/4	1,321.39	1/4	1,043.94	1/4	769.51	1/4	493.46	1/4	217.77	1/4		1/4		1/4	
1/2	1,870.77	1/2	1,593.19	1/2	1,315.61	1/2	1,038.23	1/2	763.75	1/2	487.70	1/2	212.20	1/2		1/2		1/2	
3/4	1,864.99	3/4	1,587.41	3/4	1,309.82	3/4	1,032.51	3/4	758.00	3/4	481.95	3/4	206.63	3/4		3/4		3/4	
5	1,859.21	5	1,581.63	5	1,304.04	5	1,026.80	5	752.25	5	476.20	5	201.06	5		5		5	
1/4	1,853.43	1/4	1,575.85	1/4	1,298.26	1/4	1,021.08	1/4	746.50	1/4	470.45	1/4	195.49	1/4		1/4		1/4	
1/2	1,847.64	1/2	1,570.06	1/2	1,292.47	1/2	1,015.36	1/2	740.75	1/2	464.70	1/2	189.92	1/2		1/2		1/2	
3/4	1,841.86	3/4	1,564.28	3/4	1,286.69	3/4	1,009.65	3/4	735.00	3/4	458.95	3/4	184.35	3/4		3/4		3/4	
6	1,836.08	6	1,558.50	6	1,280.91	6	1,003.93	6	729.25	6	453.20	6	178.78	6		6		6	
1/4	1,830.30	1/4	1,552.71	1/4	1,275.13	1/4	998.21	1/4	723.50	1/4	447.45	1/4	173.21	1/4		1/4		1/4	
1/2	1,824.51	1/2	1,546.93	1/2	1,269.34	1/2	992.50	1/2	717.74	1/2	441.70	1/2	167.64	1/2		1/2		1/2	
3/4	1,818.73	3/4	1,541.14	3/4	1,263.56	3/4	986.78	3/4	711.99	3/4	435.95	3/4	162.07	3/4		3/4		3/4	
7	1,812.95	7	1,535.36	7	1,257.78	7	981.07	7	706.24	7	430.20	7	156.50	7		7		7	
1/4	1,807.17	1/4	1,529.58	1/4	1,252.00	1/4	975.35	1/4	700.49	1/4	424.45	1/4	150.93	1/4		1/4		1/4	
1/2	1,801.38	1/2	1,523.79	1/2	1,246.21	1/2	969.63	1/2	694.74	1/2	418.69	1/2	145.36	1/2		1/2		1/2	
3/4	1,795.60	3/4	1,518.01	3/4	1,240.43	3/4	963.92	3/4	688.99	3/4	412.94	3/4	139.79	3/4		3/4		3/4	
8	1,789.82	8	1,512.23	8	1,234.65	8	958.20	8	683.24	8	407.19	8	134.22	8		8		8	
1/4	1,784.03	1/4	1,506.45	1/4	1,228.87	1/4	952.48	1/4	677.49	1/4	401.44	1/4	128.65	1/4		1/4		1/4	
1/2	1,778.25	1/2	1,500.66	1/2	1,223.08	1/2	946.77	1/2	671.74	1/2	395.69	1/2	123.08	1/2		1/2		1/2	
3/4	1,772.46	3/4	1,494.88	3/4	1,217.30	3/4	941.05	3/4	665.99	3/4	389.94	3/4	117.51	3/4		3/4		3/4	
9	1,766.68	9	1,489.10	9	1,211.52	9	935.34	9	660.24	9	384.19	9	111.94	9		9		9	
1/4	1,760.90	1/4	1,483.32	1/4	1,205.73	1/4	929.62	1/4	654.49	1/4	378.44	1/4	106.32	1/4		1/4		1/4	
1/2	1,755.11	1/2	1,477.53	1/2	1,199.95	1/2	923.90	1/2	648.73	1/2	372.68	1/2	100.71	1/2		1/2		1/2	
3/4	1,749.33	3/4	1,471.75	3/4	1,194.16	3/4	918.19	3/4	642.98	3/4	366.93	3/4	95.09	3/4		3/4		3/4	
10	1,743.55	10	1,465.97	10	1,188.38	10	912.47	10	637.23	10	361.18	10	89.48	10		10		10	
1/4	1,737.77	1/4	1,460.19	1/4	1,182.60	1/4	906.75	1/4	631.48	1/4	355.43	1/4	83.73	1/4		1/4		1/4	
1/2	1,731.98	1/2	1,454.40	1/2	1,176.81	1/2	901.04	1/2	625.73	1/2	349.68	1/2	77.98	1/2		1/2		1/2	
3/4	1,726.20	3/4	1,448.62	3/4	1,171.03	3/4	895.32	3/4	619.98	3/4	343.93	3/4	72.23	3/4		3/4		3/4	
11	1,720.42	11	1,442.84	11	1,165.25	11	889.61	11	614.23	11	338.18	11	66.48	11		11		11	
1/4	1,714.64	1/4	1,437.05	1/4	1,159.47	1/4	883.89	1/4	608.48	1/4	332.43	1/4	60.73	1/4		1/4		1/4	
1/2	1,708.85	1/2	1,431.27	1/2	1,153.68	1/2	878.18	1/2	602.72	1/2	326.68	1/2	54.97	1/2		1/2		1/2	
3/4	1,703.07	3/4	1,425.48	3/4	1,147.90	3/4	872.46	3/4	596.97	3/4	320.93	3/4	49.22	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/2008 INSP.  
RECOMPUTED.: 05/31/2023 JS  
VERIFIED: 05/31/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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





# BARGE "HTCO 3062"

## 4 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0	3,113.60	0	3,014.12	0	2,801.84	0	2,524.26	0	2,246.67
1/4		1/4		1/4		1/4		1/4		1/4	3,111.57	1/4	3,012.04	1/4	2,796.05	1/4	2,518.47	1/4	2,240.89
1/2		1/2		1/2		1/2		1/2		1/2	3,109.53	1/2	3,009.97	1/2	2,790.27	1/2	2,512.69	1/2	2,235.10
3/4		3/4		3/4		3/4		3/4		3/4	3,107.50	3/4	3,007.90	3/4	2,784.49	3/4	2,506.91	3/4	2,229.32
1		1		1		1		1		1	3,105.39	1	3,005.77	1	2,778.71	1	2,501.13	1	2,223.54
1/4		1/4		1/4		1/4		1/4		1/4	3,103.28	1/4	3,003.63	1/4	2,772.92	1/4	2,495.34	1/4	2,217.75
1/2		1/2		1/2		1/2		1/2		1/2	3,101.18	1/2	3,001.50	1/2	2,767.14	1/2	2,489.56	1/2	2,211.97
3/4		3/4		3/4		3/4		3/4		3/4	3,099.07	3/4	2,999.37	3/4	2,761.36	3/4	2,483.78	3/4	2,206.19
2		2		2		2		2		2	3,097.00	2	2,997.78	2	2,755.58	2	2,477.99	2	2,200.41
1/4		1/4		1/4		1/4		1/4		1/4	3,094.92	1/4	2,994.18	1/4	2,749.79	1/4	2,472.21	1/4	2,194.62
1/2		1/2		1/2		1/2		1/2		1/2	3,092.85	1/2	2,991.59	1/2	2,744.01	1/2	2,466.42	1/2	2,188.84
3/4		3/4		3/4		3/4		3/4		3/4	3,090.78	3/4	2,989.00	3/4	2,738.23	3/4	2,460.64	3/4	2,183.06
3		3		3		3		3	3,164.34	3	3,088.71	3	2,985.81	3	2,732.45	3	2,454.88	3	2,177.28
1/4		1/4		1/4		1/4		1/4	3,164.20	1/4	3,086.63	1/4	2,982.61	1/4	2,726.66	1/4	2,449.12	1/4	2,171.49
1/2		1/2		1/2		1/2		1/2	3,164.07	1/2	3,084.56	1/2	2,979.42	1/2	2,720.88	1/2	2,443.37	1/2	2,165.71
3/4		3/4		3/4		3/4		3/4	3,163.93	3/4	3,082.49	3/4	2,976.23	3/4	2,715.10	3/4	2,437.61	3/4	2,159.93
4		4		4		4		4	3,163.48	4	3,080.42	4	2,972.37	4	2,709.31	4	2,431.80	4	2,154.15
1/4		1/4		1/4		1/4		1/4	3,163.03	1/4	3,078.34	1/4	2,968.52	1/4	2,703.53	1/4	2,425.99	1/4	2,148.36
1/2		1/2		1/2		1/2		1/2	3,162.58	1/2	3,076.27	1/2	2,964.66	1/2	2,697.74	1/2	2,420.19	1/2	2,142.58
3/4		3/4		3/4		3/4		3/4	3,162.13	3/4	3,074.20	3/4	2,960.81	3/4	2,691.96	3/4	2,414.38	3/4	2,136.80
5		5		5		5		5	3,161.32	5	3,072.13	5	2,956.36	5	2,686.18	5	2,408.60	5	2,131.01
1/4		1/4		1/4		1/4		1/4	3,160.51	1/4	3,070.05	1/4	2,951.91	1/4	2,680.39	1/4	2,402.81	1/4	2,125.23
1/2		1/2		1/2		1/2		1/2	3,159.70	1/2	3,067.98	1/2	2,947.47	1/2	2,674.61	1/2	2,397.03	1/2	2,119.44
3/4		3/4		3/4		3/4		3/4	3,158.89	3/4	3,065.91	3/4	2,943.02	3/4	2,668.83	3/4	2,391.25	3/4	2,113.66
6		6		6		6		6	3,157.72	6	3,063.84	6	2,937.91	6	2,663.05	6	2,385.47	6	2,107.88
1/4		1/4		1/4		1/4		1/4	3,156.54	1/4	3,061.77	1/4	2,932.80	1/4	2,657.26	1/4	2,379.68	1/4	2,102.09
1/2		1/2		1/2		1/2		1/2	3,155.37	1/2	3,059.70	1/2	2,927.69	1/2	2,651.48	1/2	2,373.90	1/2	2,096.31
3/4		3/4		3/4		3/4		3/4	3,154.20	3/4	3,057.63	3/4	2,922.58	3/4	2,645.70	3/4	2,368.12	3/4	2,090.53
7		7		7		7		7	3,152.67	7	3,055.56	7	2,916.97	7	2,639.92	7	2,362.33	7	2,084.75
1/4		1/4		1/4		1/4		1/4	3,151.13	1/4	3,053.48	1/4	2,911.36	1/4	2,634.13	1/4	2,356.55	1/4	2,078.96
1/2		1/2		1/2		1/2		1/2	3,149.60	1/2	3,051.41	1/2	2,905.76	1/2	2,628.35	1/2	2,350.76	1/2	2,073.18
3/4		3/4		3/4		3/4		3/4	3,148.07	3/4	3,049.34	3/4	2,900.15	3/4	2,622.57	3/4	2,344.98	3/4	2,067.40
8		8		8		8		8	3,146.18	8	3,047.27	8	2,894.37	8	2,616.79	8	2,339.20	8	2,061.62
1/4		1/4		1/4		1/4		1/4	3,144.29	1/4	3,045.19	1/4	2,888.58	1/4	2,611.00	1/4	2,333.41	1/4	2,055.83
1/2		1/2		1/2		1/2		1/2	3,142.40	1/2	3,043.12	1/2	2,882.80	1/2	2,605.22	1/2	2,327.63	1/2	2,050.05
3/4		3/4		3/4		3/4		3/4	3,140.51	3/4	3,041.05	3/4	2,877.02	3/4	2,599.44	3/4	2,321.85	3/4	2,044.27
9		9		9		9		9	3,138.44	9	3,038.98	9	2,871.24	9	2,593.65	9	2,316.07	9	2,038.49
1/4		1/4		1/4		1/4		1/4	3,136.36	1/4	3,036.90	1/4	2,865.45	1/4	2,587.87	1/4	2,310.28	1/4	2,032.70
1/2		1/2		1/2		1/2		1/2	3,134.29	1/2	3,034.83	1/2	2,859.67	1/2	2,582.08	1/2	2,304.50	1/2	2,026.92
3/4		3/4		3/4		3/4		3/4	3,132.22	3/4	3,032.76	3/4	2,853.89	3/4	2,576.30	3/4	2,298.72	3/4	2,021.14
10		10		10		10		10	3,130.15	10	3,030.69	10	2,848.11	10	2,570.52	10	2,292.94	10	2,015.35
1/4		1/4		1/4		1/4		1/4	3,128.07	1/4	3,028.61	1/4	2,842.32	1/4	2,564.73	1/4	2,287.15	1/4	2,009.57
1/2		1/2		1/2		1/2		1/2	3,126.00	1/2	3,026.54	1/2	2,836.54	1/2	2,558.95	1/2	2,281.37	1/2	2,003.78
3/4		3/4		3/4		3/4		3/4	3,123.93	3/4	3,024.47	3/4	2,830.76	3/4	2,553.17	3/4	2,275.59	3/4	1,998.00
11		11		11		11		11	3,121.86	11	3,022.40	11	2,824.97	11	2,547.39	11	2,269.81	11	1,992.22
1/4		1/4		1/4		1/4		1/4	3,119.78	1/4	3,020.33	1/4	2,819.19	1/4	2,541.60	1/4	2,264.02	1/4	1,986.43
1/2		1/2		1/2		1/2		1/2	3,117.71	1/2	3,018.26	1/2	2,813.40	1/2	2,535.82	1/2	2,258.24	1/2	1,980.65
3/4		3/4		3/4		3/4		3/4	3,115.64	3/4	3,016.19	3/4	2,807.62	3/4	2,530.04	3/4	2,252.46	3/4	1,974.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE ON EXPANSION DOME.  
 GAUGE POINT: (HERMETIC) LOCATED 02'-09" OFF CENTERLINE AND 71'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "HTCO 3062"

## 4 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,969.09	0	1,691.51	0	1,413.92	0	1,136.34	0	861.03	0	585.47	0	309.43	0	38.63	0		0	
1/4	1,963.30	1/4	1,685.72	1/4	1,408.13	1/4	1,130.55	1/4	855.31	1/4	579.72	1/4	303.67	1/4	33.79	1/4		1/4	
1/2	1,957.52	1/2	1,679.94	1/2	1,402.35	1/2	1,124.77	1/2	849.60	1/2	573.97	1/2	297.92	1/2	28.95	1/2		1/2	
3/4	1,951.74	3/4	1,674.16	3/4	1,396.57	3/4	1,118.99	3/4	843.88	3/4	568.22	3/4	292.17	3/4	24.11	3/4		3/4	
1	1,945.96	1	1,668.37	1	1,390.79	1	1,113.21	1	838.16	1	562.47	1	286.42	1	20.66	1		1	
1/4	1,940.17	1/4	1,662.59	1/4	1,385.00	1/4	1,107.42	1/4	832.45	1/4	556.72	1/4	280.67	1/4	17.21	1/4		1/4	
1/2	1,934.39	1/2	1,656.80	1/2	1,379.22	1/2	1,101.64	1/2	826.73	1/2	550.97	1/2	274.92	1/2	13.76	1/2		1/2	
3/4	1,928.61	3/4	1,651.02	3/4	1,373.44	3/4	1,095.86	3/4	821.02	3/4	545.22	3/4	269.17	3/4	10.31	3/4		3/4	
2	1,922.83	2	1,645.24	2	1,367.66	2	1,090.07	2	815.30	2	539.47	2	263.42	2	8.39	2		2	
1/4	1,917.04	1/4	1,639.45	1/4	1,361.87	1/4	1,084.29	1/4	809.58	1/4	533.71	1/4	257.66	1/4	6.47	1/4		1/4	
1/2	1,911.26	1/2	1,633.67	1/2	1,356.09	1/2	1,078.50	1/2	803.87	1/2	527.96	1/2	251.91	1/2	4.56	1/2		1/2	
3/4	1,905.48	3/4	1,627.89	3/4	1,350.31	3/4	1,072.72	3/4	798.15	3/4	522.21	3/4	246.16	3/4	2.64	3/4		3/4	
3	1,899.69	3	1,622.11	3	1,344.53	3	1,066.95	3	792.43	3	516.46	3	240.45	3		3		3	
1/4	1,893.91	1/4	1,616.32	1/4	1,338.74	1/4	1,061.19	1/4	786.70	1/4	510.71	1/4	234.75	1/4		1/4		1/4	
1/2	1,888.12	1/2	1,610.54	1/2	1,332.96	1/2	1,055.42	1/2	780.98	1/2	504.96	1/2	229.04	1/2		1/2		1/2	
3/4	1,882.34	3/4	1,604.76	3/4	1,327.18	3/4	1,049.66	3/4	775.26	3/4	499.21	3/4	223.34	3/4		3/4		3/4	
4	1,876.56	4	1,598.98	4	1,321.39	4	1,043.94	4	769.51	4	493.46	4	217.77	4		4		4	
1/4	1,870.77	1/4	1,593.19	1/4	1,315.61	1/4	1,038.23	1/4	763.75	1/4	487.70	1/4	212.20	1/4		1/4		1/4	
1/2	1,864.99	1/2	1,587.41	1/2	1,309.82	1/2	1,032.51	1/2	758.00	1/2	481.95	1/2	206.63	1/2		1/2		1/2	
3/4	1,859.21	3/4	1,581.63	3/4	1,304.04	3/4	1,026.80	3/4	752.25	3/4	476.20	3/4	201.06	3/4		3/4		3/4	
5	1,853.43	5	1,575.85	5	1,298.26	5	1,021.08	5	746.50	5	470.45	5	195.49	5		5		5	
1/4	1,847.64	1/4	1,570.06	1/4	1,292.47	1/4	1,015.36	1/4	740.75	1/4	464.70	1/4	189.92	1/4		1/4		1/4	
1/2	1,841.86	1/2	1,564.28	1/2	1,286.69	1/2	1,009.65	1/2	735.00	1/2	458.95	1/2	184.35	1/2		1/2		1/2	
3/4	1,836.08	3/4	1,558.50	3/4	1,280.91	3/4	1,003.93	3/4	729.25	3/4	453.20	3/4	178.78	3/4		3/4		3/4	
6	1,830.30	6	1,552.71	6	1,275.13	6	998.21	6	723.50	6	447.45	6	173.21	6		6		6	
1/4	1,824.51	1/4	1,546.93	1/4	1,269.34	1/4	992.50	1/4	717.74	1/4	441.70	1/4	167.64	1/4		1/4		1/4	
1/2	1,818.73	1/2	1,541.14	1/2	1,263.56	1/2	986.78	1/2	711.99	1/2	435.95	1/2	162.07	1/2		1/2		1/2	
3/4	1,812.95	3/4	1,535.36	3/4	1,257.78	3/4	981.07	3/4	706.24	3/4	430.20	3/4	156.50	3/4		3/4		3/4	
7	1,807.17	7	1,529.58	7	1,252.00	7	975.35	7	700.49	7	424.45	7	150.93	7		7		7	
1/4	1,801.38	1/4	1,523.79	1/4	1,246.21	1/4	969.63	1/4	694.74	1/4	418.69	1/4	145.36	1/4		1/4		1/4	
1/2	1,795.60	1/2	1,518.01	1/2	1,240.43	1/2	963.92	1/2	688.99	1/2	412.94	1/2	139.79	1/2		1/2		1/2	
3/4	1,789.82	3/4	1,512.23	3/4	1,234.65	3/4	958.20	3/4	683.24	3/4	407.19	3/4	134.22	3/4		3/4		3/4	
8	1,784.03	8	1,506.45	8	1,228.87	8	952.48	8	677.49	8	401.44	8	128.65	8		8		8	
1/4	1,778.25	1/4	1,500.66	1/4	1,223.08	1/4	946.77	1/4	671.74	1/4	395.69	1/4	123.08	1/4		1/4		1/4	
1/2	1,772.46	1/2	1,494.88	1/2	1,217.30	1/2	941.05	1/2	665.99	1/2	389.94	1/2	117.51	1/2		1/2		1/2	
3/4	1,766.68	3/4	1,489.10	3/4	1,211.52	3/4	935.34	3/4	660.24	3/4	384.19	3/4	111.94	3/4		3/4		3/4	
9	1,760.90	9	1,483.32	9	1,205.73	9	929.62	9	654.49	9	378.44	9	106.32	9		9		9	
1/4	1,755.11	1/4	1,477.53	1/4	1,199.95	1/4	923.90	1/4	648.73	1/4	372.68	1/4	100.71	1/4		1/4		1/4	
1/2	1,749.33	1/2	1,471.75	1/2	1,194.16	1/2	918.19	1/2	642.98	1/2	366.93	1/2	95.09	1/2		1/2		1/2	
3/4	1,743.55	3/4	1,465.97	3/4	1,188.38	3/4	912.47	3/4	637.23	3/4	361.18	3/4	89.48	3/4		3/4		3/4	
10	1,737.77	10	1,460.19	10	1,182.60	10	906.75	10	631.48	10	355.43	10	83.73	10		10		10	
1/4	1,731.98	1/4	1,454.40	1/4	1,176.81	1/4	901.04	1/4	625.73	1/4	349.68	1/4	77.98	1/4		1/4		1/4	
1/2	1,726.20	1/2	1,448.62	1/2	1,171.03	1/2	895.32	1/2	619.98	1/2	343.93	1/2	72.23	1/2		1/2		1/2	
3/4	1,720.42	3/4	1,442.84	3/4	1,165.25	3/4	889.61	3/4	614.23	3/4	338.18	3/4	66.48	3/4		3/4		3/4	
11	1,714.64	11	1,437.05	11	1,159.47	11	883.89	11	608.48	11	332.43	11	60.73	11		11		11	
1/4	1,708.85	1/4	1,431.27	1/4	1,153.68	1/4	878.18	1/4	602.72	1/4	326.68	1/4	54.97	1/4		1/4		1/4	
1/2	1,703.07	1/2	1,425.48	1/2	1,147.90	1/2	872.46	1/2	596.97	1/2	320.93	1/2	49.22	1/2		1/2		1/2	
3/4	1,697.29	3/4	1,419.70	3/4	1,142.12	3/4	866.75	3/4	591.22	3/4	315.18	3/4	43.47	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/2008 INSP.  
RECOMPUTED.: 05/31/2023 JS  
VERIFIED: 05/31/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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