

BARGE "HTCO 3083"

ULLAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8

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

LENGTH BETWEEN DRAFT MARKS: 238' 00"

February 28, 2024

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

<http://www.pmacorp.net>



BARGE "HTCO 3083"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,712.63	0	4,356.52	0	4,000.41	0	3,644.30	0	3,288.19	0	2,932.08
1/4		1/4		1/4		1/4		1/4	4,705.21	1/4	4,349.10	1/4	3,992.99	1/4	3,636.88	1/4	3,280.77	1/4	2,924.66
1/2		1/2		1/2		1/2		1/2	4,697.79	1/2	4,341.68	1/2	3,985.57	1/2	3,629.46	1/2	3,273.35	1/2	2,917.24
3/4		3/4		3/4		3/4		3/4	4,690.37	3/4	4,334.26	3/4	3,978.15	3/4	3,622.04	3/4	3,265.93	3/4	2,909.82
1		1		1		1	5,026.26	1	4,682.96	1	4,326.85	1	3,970.73	1	3,614.62	1	3,258.51	1	2,902.40
1/4		1/4		1/4		1/4	5,021.74	1/4	4,675.54	1/4	4,319.43	1/4	3,963.31	1/4	3,607.20	1/4	3,251.09	1/4	2,894.98
1/2		1/2		1/2		1/2	5,016.08	1/2	4,668.12	1/2	4,312.01	1/2	3,955.89	1/2	3,599.78	1/2	3,243.67	1/2	2,887.56
3/4		3/4		3/4		3/4	5,010.42	3/4	4,660.70	3/4	4,304.59	3/4	3,948.47	3/4	3,592.36	3/4	3,236.25	3/4	2,880.14
2		2		2		2	5,004.77	2	4,653.28	2	4,297.17	2	3,941.06	2	3,584.95	2	3,228.83	2	2,872.72
1/4		1/4		1/4		1/4	4,999.11	1/4	4,645.86	1/4	4,289.75	1/4	3,933.64	1/4	3,577.53	1/4	3,221.41	1/4	2,865.30
1/2		1/2		1/2		1/2	4,992.32	1/2	4,638.44	1/2	4,282.33	1/2	3,926.22	1/2	3,570.11	1/2	3,213.99	1/2	2,857.88
3/4		3/4		3/4		3/4	4,985.53	3/4	4,631.02	3/4	4,274.91	3/4	3,918.80	3/4	3,562.69	3/4	3,206.57	3/4	2,850.46
3		3		3		3	4,978.74	3	4,623.61	3	4,267.49	3	3,911.38	3	3,555.27	3	3,199.16	3	2,843.05
1/4		1/4		1/4		1/4	4,971.95	1/4	4,616.19	1/4	4,260.07	1/4	3,903.96	1/4	3,547.85	1/4	3,191.74	1/4	2,835.63
1/2		1/2		1/2		1/2	4,964.62	1/2	4,608.77	1/2	4,252.65	1/2	3,896.54	1/2	3,540.43	1/2	3,184.32	1/2	2,828.21
3/4		3/4		3/4		3/4	4,957.28	3/4	4,601.35	3/4	4,245.23	3/4	3,889.12	3/4	3,533.01	3/4	3,176.90	3/4	2,820.79
4		4		4		4	4,949.95	4	4,593.93	4	4,237.82	4	3,881.71	4	3,525.59	4	3,169.48	4	2,813.37
1/4		1/4		1/4		1/4	4,942.62	1/4	4,586.51	1/4	4,230.40	1/4	3,874.29	1/4	3,518.17	1/4	3,162.06	1/4	2,805.95
1/2		1/2		1/2		1/2	4,935.20	1/2	4,579.09	1/2	4,222.98	1/2	3,866.87	1/2	3,510.75	1/2	3,154.64	1/2	2,798.53
3/4		3/4		3/4		3/4	4,927.78	3/4	4,571.67	3/4	4,215.56	3/4	3,859.45	3/4	3,503.33	3/4	3,147.22	3/4	2,791.11
5		5		5		5	4,920.37	5	4,564.25	5	4,208.14	5	3,852.03	5	3,495.92	5	3,139.81	5	2,783.70
1/4		1/4		1/4		1/4	4,912.95	1/4	4,556.83	1/4	4,200.72	1/4	3,844.61	1/4	3,488.50	1/4	3,132.39	1/4	2,776.28
1/2		1/2		1/2		1/2	4,905.53	1/2	4,549.41	1/2	4,193.30	1/2	3,837.19	1/2	3,481.08	1/2	3,124.97	1/2	2,768.86
3/4		3/4		3/4		3/4	4,898.11	3/4	4,541.99	3/4	4,185.88	3/4	3,829.77	3/4	3,473.66	3/4	3,117.55	3/4	2,761.44
6		6		6		6	4,890.69	6	4,534.58	6	4,178.47	6	3,822.35	6	3,466.24	6	3,110.13	6	2,754.02
1/4		1/4		1/4		1/4	4,883.27	1/4	4,527.16	1/4	4,171.05	1/4	3,814.93	1/4	3,458.82	1/4	3,102.71	1/4	2,746.60
1/2		1/2		1/2		1/2	4,875.85	1/2	4,519.74	1/2	4,163.63	1/2	3,807.51	1/2	3,451.40	1/2	3,095.29	1/2	2,739.18
3/4		3/4		3/4		3/4	4,868.43	3/4	4,512.32	3/4	4,156.21	3/4	3,800.09	3/4	3,443.98	3/4	3,087.87	3/4	2,731.76
7		7		7		7	4,861.01	7	4,504.90	7	4,148.79	7	3,792.68	7	3,436.57	7	3,080.45	7	2,724.34
1/4		1/4		1/4		1/4	4,853.59	1/4	4,497.48	1/4	4,141.37	1/4	3,785.26	1/4	3,429.15	1/4	3,073.03	1/4	2,716.92
1/2		1/2		1/2		1/2	4,846.17	1/2	4,490.06	1/2	4,133.95	1/2	3,777.84	1/2	3,421.73	1/2	3,065.61	1/2	2,709.50
3/4		3/4		3/4		3/4	4,838.75	3/4	4,482.64	3/4	4,126.53	3/4	3,770.42	3/4	3,414.31	3/4	3,058.19	3/4	2,702.08
8		8		8		8	4,831.34	8	4,475.23	8	4,119.11	8	3,763.00	8	3,406.89	8	3,050.78	8	2,694.67
1/4		1/4		1/4		1/4	4,823.92	1/4	4,467.81	1/4	4,111.69	1/4	3,755.58	1/4	3,399.47	1/4	3,043.36	1/4	2,687.25
1/2		1/2		1/2		1/2	4,816.50	1/2	4,460.39	1/2	4,104.27	1/2	3,748.16	1/2	3,392.05	1/2	3,035.94	1/2	2,679.83
3/4		3/4		3/4		3/4	4,809.08	3/4	4,452.97	3/4	4,096.85	3/4	3,740.74	3/4	3,384.63	3/4	3,028.52	3/4	2,672.41
9		9		9		9	4,801.66	9	4,445.55	9	4,089.44	9	3,733.33	9	3,377.21	9	3,021.10	9	2,664.99
1/4		1/4		1/4		1/4	4,794.24	1/4	4,438.13	1/4	4,082.02	1/4	3,725.91	1/4	3,369.79	1/4	3,013.68	1/4	2,657.57
1/2		1/2		1/2		1/2	4,786.82	1/2	4,430.71	1/2	4,074.60	1/2	3,718.49	1/2	3,362.37	1/2	3,006.26	1/2	2,650.15
3/4		3/4		3/4		3/4	4,779.40	3/4	4,423.29	3/4	4,067.18	3/4	3,711.07	3/4	3,354.95	3/4	2,998.84	3/4	2,642.73
10		10		10		10	4,771.99	10	4,415.87	10	4,059.76	10	3,703.65	10	3,347.54	10	2,991.43	10	2,635.32
1/4		1/4		1/4		1/4	4,764.57	1/4	4,408.45	1/4	4,052.34	1/4	3,696.23	1/4	3,340.12	1/4	2,984.01	1/4	2,627.90
1/2		1/2		1/2		1/2	4,757.15	1/2	4,401.03	1/2	4,044.92	1/2	3,688.81	1/2	3,332.70	1/2	2,976.59	1/2	2,620.48
3/4		3/4		3/4		3/4	4,749.73	3/4	4,393.61	3/4	4,037.50	3/4	3,681.39	3/4	3,325.28	3/4	2,969.17	3/4	2,613.06
11		11		11		11	4,742.31	11	4,386.20	11	4,030.09	11	3,673.97	11	3,317.86	11	2,961.75	11	2,605.64
1/4		1/4		1/4		1/4	4,734.89	1/4	4,378.78	1/4	4,022.67	1/4	3,666.55	1/4	3,310.44	1/4	2,954.33	1/4	2,598.22
1/2		1/2		1/2		1/2	4,727.47	1/2	4,371.36	1/2	4,015.25	1/2	3,659.13	1/2	3,303.02	1/2	2,946.91	1/2	2,590.80
3/4		3/4		3/4		3/4	4,720.05	3/4	4,363.94	3/4	4,007.83	3/4	3,651.71	3/4	3,295.60	3/4	2,939.49	3/4	2,583.38

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "HTCO 3083"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,575.96	0	2,219.85	0	1,863.74	0	1,507.63	0	1,151.51	0	795.40	0	437.98	0	99.17	0		0	
1/4	2,568.54	1/4	2,212.43	1/4	1,856.32	1/4	1,500.21	1/4	1,144.10	1/4	787.98	1/4	430.50	1/4	92.68	1/4		1/4	
1/2	2,561.12	1/2	2,205.01	1/2	1,848.90	1/2	1,492.79	1/2	1,136.68	1/2	780.56	1/2	423.04	1/2	86.21	1/2		1/2	
3/4	2,553.70	3/4	2,197.59	3/4	1,841.48	3/4	1,485.37	3/4	1,129.26	3/4	773.14	3/4	415.59	3/4	79.75	3/4		3/4	
1	2,546.29	1	2,190.18	1	1,834.06	1	1,477.95	1	1,121.84	1	765.72	1	408.14	1	73.28	1		1	
1/4	2,538.87	1/4	2,182.76	1/4	1,826.64	1/4	1,470.53	1/4	1,114.42	1/4	758.31	1/4	400.69	1/4	66.82	1/4		1/4	
1/2	2,531.45	1/2	2,175.34	1/2	1,819.22	1/2	1,463.11	1/2	1,107.00	1/2	750.89	1/2	393.33	1/2	60.56	1/2		1/2	
3/4	2,524.03	3/4	2,167.92	3/4	1,811.80	3/4	1,455.69	3/4	1,099.58	3/4	743.47	3/4	385.97	3/4	54.30	3/4		3/4	
2	2,516.61	2	2,160.50	2	1,804.39	2	1,448.27	2	1,092.16	2	736.05	2	378.61	2	48.04	2		2	
1/4	2,509.19	1/4	2,153.08	1/4	1,796.97	1/4	1,440.86	1/4	1,084.74	1/4	728.63	1/4	371.26	1/4	41.78	1/4		1/4	
1/2	2,501.77	1/2	2,145.66	1/2	1,789.55	1/2	1,433.44	1/2	1,077.32	1/2	721.21	1/2	363.93	1/2	36.84	1/2		1/2	
3/4	2,494.35	3/4	2,138.24	3/4	1,782.13	3/4	1,426.02	3/4	1,069.90	3/4	713.79	3/4	356.60	3/4	31.90	3/4		3/4	
3	2,486.94	3	2,130.82	3	1,774.71	3	1,418.60	3	1,062.48	3	706.37	3	349.27	3	26.96	3		3	
1/4	2,479.52	1/4	2,123.40	1/4	1,767.29	1/4	1,411.18	1/4	1,055.07	1/4	698.95	1/4	341.94	1/4	22.03	1/4		1/4	
1/2	2,472.10	1/2	2,115.98	1/2	1,759.87	1/2	1,403.76	1/2	1,047.65	1/2	691.53	1/2	334.70	1/2	18.62	1/2		1/2	
3/4	2,464.68	3/4	2,108.56	3/4	1,752.45	3/4	1,396.34	3/4	1,040.23	3/4	684.11	3/4	327.47	3/4		3/4		3/4	
4	2,457.26	4	2,101.15	4	1,745.04	4	1,388.92	4	1,032.81	4	676.69	4	320.23	4		4		4	
1/4	2,449.84	1/4	2,093.73	1/4	1,737.62	1/4	1,381.50	1/4	1,025.39	1/4	669.28	1/4	313.00	1/4		1/4		1/4	
1/2	2,442.42	1/2	2,086.31	1/2	1,730.20	1/2	1,374.08	1/2	1,017.97	1/2	661.86	1/2	305.79	1/2		1/2		1/2	
3/4	2,435.00	3/4	2,078.89	3/4	1,722.78	3/4	1,366.66	3/4	1,010.55	3/4	654.44	3/4	298.59	3/4		3/4		3/4	
5	2,427.58	5	2,071.47	5	1,715.36	5	1,359.24	5	1,003.13	5	647.02	5	291.39	5		5		5	
1/4	2,420.16	1/4	2,064.05	1/4	1,707.94	1/4	1,351.83	1/4	995.71	1/4	639.60	1/4	284.19	1/4		1/4		1/4	
1/2	2,412.74	1/2	2,056.63	1/2	1,700.52	1/2	1,344.41	1/2	988.29	1/2	632.18	1/2	277.08	1/2		1/2		1/2	
3/4	2,405.32	3/4	2,049.21	3/4	1,693.10	3/4	1,336.99	3/4	980.87	3/4	624.76	3/4	269.97	3/4		3/4		3/4	
6	2,397.91	6	2,041.80	6	1,685.68	6	1,329.57	6	973.45	6	617.34	6	262.86	6		6		6	
1/4	2,390.49	1/4	2,034.38	1/4	1,678.26	1/4	1,322.15	1/4	966.04	1/4	609.93	1/4	255.76	1/4		1/4		1/4	
1/2	2,383.07	1/2	2,026.96	1/2	1,670.84	1/2	1,314.73	1/2	958.62	1/2	602.51	1/2	248.68	1/2		1/2		1/2	
3/4	2,375.65	3/4	2,019.54	3/4	1,663.42	3/4	1,307.31	3/4	951.20	3/4	595.09	3/4	241.60	3/4		3/4		3/4	
7	2,368.23	7	2,012.12	7	1,656.01	7	1,299.89	7	943.78	7	587.67	7	234.52	7		7		7	
1/4	2,360.81	1/4	2,004.70	1/4	1,648.59	1/4	1,292.48	1/4	936.36	1/4	580.25	1/4	227.45	1/4		1/4		1/4	
1/2	2,353.39	1/2	1,997.28	1/2	1,641.17	1/2	1,285.06	1/2	928.94	1/2	572.83	1/2	220.46	1/2		1/2		1/2	
3/4	2,345.97	3/4	1,989.86	3/4	1,633.75	3/4	1,277.64	3/4	921.52	3/4	565.41	3/4	213.48	3/4		3/4		3/4	
8	2,338.56	8	1,982.44	8	1,626.33	8	1,270.22	8	914.10	8	557.99	8	206.50	8		8		8	
1/4	2,331.14	1/4	1,975.02	1/4	1,618.91	1/4	1,262.80	1/4	906.69	1/4	550.58	1/4	199.52	1/4		1/4		1/4	
1/2	2,323.72	1/2	1,967.60	1/2	1,611.49	1/2	1,255.38	1/2	899.27	1/2	543.16	1/2	192.56	1/2		1/2		1/2	
3/4	2,316.30	3/4	1,960.18	3/4	1,604.07	3/4	1,247.96	3/4	891.85	3/4	535.74	3/4	185.61	3/4		3/4		3/4	
9	2,308.88	9	1,952.77	9	1,596.66	9	1,240.54	9	884.43	9	528.32	9	178.66	9		9		9	
1/4	2,301.46	1/4	1,945.35	1/4	1,589.24	1/4	1,233.12	1/4	877.01	1/4	520.90	1/4	171.71	1/4		1/4		1/4	
1/2	2,294.04	1/2	1,937.93	1/2	1,581.82	1/2	1,225.70	1/2	869.59	1/2	513.36	1/2	165.03	1/2		1/2		1/2	
3/4	2,286.62	3/4	1,930.51	3/4	1,574.40	3/4	1,218.28	3/4	862.17	3/4	505.82	3/4	158.35	3/4		3/4		3/4	
10	2,279.20	10	1,923.09	10	1,566.98	10	1,210.86	10	854.75	10	498.28	10	151.67	10		10		10	
1/4	2,271.78	1/4	1,915.67	1/4	1,559.56	1/4	1,203.45	1/4	847.33	1/4	490.75	1/4	145.00	1/4		1/4		1/4	
1/2	2,264.36	1/2	1,908.25	1/2	1,552.14	1/2	1,196.03	1/2	839.91	1/2	483.17	1/2	138.41	1/2		1/2		1/2	
3/4	2,256.94	3/4	1,900.83	3/4	1,544.72	3/4	1,188.61	3/4	832.49	3/4	475.59	3/4	131.83	3/4		3/4		3/4	
11	2,249.53	11	1,893.42	11	1,537.30	11	1,181.19	11	825.07	11	468.01	11	125.24	11		11		11	
1/4	2,242.11	1/4	1,886.00	1/4	1,529.88	1/4	1,173.77	1/4	817.66	1/4	460.43	1/4	118.66	1/4		1/4		1/4	
1/2	2,234.69	1/2	1,878.58	1/2	1,522.46	1/2	1,166.35	1/2	810.24	1/2	452.94	1/2	112.16	1/2		1/2		1/2	
3/4	2,227.27	3/4	1,871.16	3/4	1,515.04	3/4	1,158.93	3/4	802.82	3/4	445.46	3/4	105.67	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2011 INSP.
RECALCULATED: 03/15/2019 CL
VERIFIED: 02/28/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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



BARGE "HTCO 3083"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

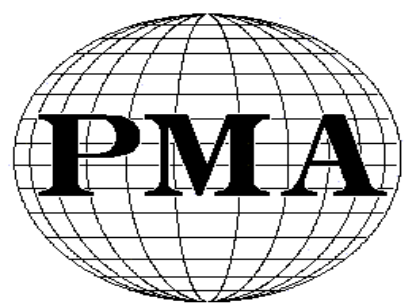
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,705.21	0	4,349.10	0	3,992.99	0	3,636.88	0	3,280.77	0	2,924.66
1/4		1/4		1/4		1/4		1/4	4,697.79	1/4	4,341.68	1/4	3,985.57	1/4	3,629.46	1/4	3,273.35	1/4	2,917.24
1/2		1/2		1/2		1/2		1/2	4,690.37	1/2	4,334.26	1/2	3,978.15	1/2	3,622.04	1/2	3,265.93	1/2	2,909.82
3/4		3/4		3/4		3/4		3/4	5,026.26	3/4	4,682.96	3/4	4,326.85	3/4	3,970.73	3/4	3,614.62	3/4	3,258.51
1		1		1		1		1	5,021.74	1	4,675.54	1	4,319.43	1	3,963.31	1	3,607.20	1	3,251.09
1/4		1/4		1/4		1/4		1/4	5,016.08	1/4	4,668.12	1/4	4,312.01	1/4	3,955.89	1/4	3,599.78	1/4	3,243.67
1/2		1/2		1/2		1/2		1/2	5,010.42	1/2	4,660.70	1/2	4,304.59	1/2	3,948.47	1/2	3,592.36	1/2	3,236.25
3/4		3/4		3/4		3/4		3/4	5,004.77	3/4	4,653.28	3/4	4,297.17	3/4	3,941.06	3/4	3,584.95	3/4	3,228.83
2		2		2		2		2	4,999.11	2	4,645.86	2	4,289.75	2	3,933.64	2	3,577.53	2	3,221.41
1/4		1/4		1/4		1/4		1/4	4,992.32	1/4	4,638.44	1/4	4,282.33	1/4	3,926.22	1/4	3,570.11	1/4	3,213.99
1/2		1/2		1/2		1/2		1/2	4,985.53	1/2	4,631.02	1/2	4,274.91	1/2	3,918.80	1/2	3,562.69	1/2	3,206.57
3/4		3/4		3/4		3/4		3/4	4,978.74	3/4	4,623.61	3/4	4,267.49	3/4	3,911.38	3/4	3,555.27	3/4	3,199.16
3		3		3		3		3	4,971.95	3	4,616.19	3	4,260.07	3	3,903.96	3	3,547.85	3	3,191.74
1/4		1/4		1/4		1/4		1/4	4,964.62	1/4	4,608.77	1/4	4,252.65	1/4	3,896.54	1/4	3,540.43	1/4	3,184.32
1/2		1/2		1/2		1/2		1/2	4,957.28	1/2	4,601.35	1/2	4,245.23	1/2	3,889.12	1/2	3,533.01	1/2	3,176.90
3/4		3/4		3/4		3/4		3/4	4,949.95	3/4	4,593.93	3/4	4,237.82	3/4	3,881.71	3/4	3,525.59	3/4	3,169.48
4		4		4		4		4	4,942.62	4	4,586.51	4	4,230.40	4	3,874.29	4	3,518.17	4	3,162.06
1/4		1/4		1/4		1/4		1/4	4,935.20	1/4	4,579.09	1/4	4,222.98	1/4	3,866.87	1/4	3,510.75	1/4	3,154.64
1/2		1/2		1/2		1/2		1/2	4,927.78	1/2	4,571.67	1/2	4,215.56	1/2	3,859.45	1/2	3,503.33	1/2	3,147.22
3/4		3/4		3/4		3/4		3/4	4,920.37	3/4	4,564.25	3/4	4,208.14	3/4	3,852.03	3/4	3,495.92	3/4	3,139.81
5		5		5		5		5	4,912.95	5	4,556.83	5	4,200.72	5	3,844.61	5	3,488.50	5	3,132.39
1/4		1/4		1/4		1/4		1/4	4,905.53	1/4	4,549.41	1/4	4,193.30	1/4	3,837.19	1/4	3,481.08	1/4	3,124.97
1/2		1/2		1/2		1/2		1/2	4,898.11	1/2	4,541.99	1/2	4,185.88	1/2	3,829.77	1/2	3,473.66	1/2	3,117.55
3/4		3/4		3/4		3/4		3/4	4,890.69	3/4	4,534.58	3/4	4,178.47	3/4	3,822.35	3/4	3,466.24	3/4	3,110.13
6		6		6		6		6	4,883.27	6	4,527.16	6	4,171.05	6	3,814.93	6	3,458.82	6	3,102.71
1/4		1/4		1/4		1/4		1/4	4,875.85	1/4	4,519.74	1/4	4,163.63	1/4	3,807.51	1/4	3,451.40	1/4	3,095.29
1/2		1/2		1/2		1/2		1/2	4,868.43	1/2	4,512.32	1/2	4,156.21	1/2	3,800.09	1/2	3,443.98	1/2	3,087.87
3/4		3/4		3/4		3/4		3/4	4,861.01	3/4	4,504.90	3/4	4,148.79	3/4	3,792.68	3/4	3,436.57	3/4	3,080.45
7		7		7		7		7	4,853.59	7	4,497.48	7	4,141.37	7	3,785.26	7	3,429.15	7	3,073.03
1/4		1/4		1/4		1/4		1/4	4,846.17	1/4	4,490.06	1/4	4,133.95	1/4	3,777.84	1/4	3,421.73	1/4	3,065.61
1/2		1/2		1/2		1/2		1/2	4,838.75	1/2	4,482.64	1/2	4,126.53	1/2	3,770.42	1/2	3,414.31	1/2	3,058.19
3/4		3/4		3/4		3/4		3/4	4,831.34	3/4	4,475.23	3/4	4,119.11	3/4	3,763.00	3/4	3,406.89	3/4	3,050.78
8		8		8		8		8	4,823.92	8	4,467.81	8	4,111.69	8	3,755.58	8	3,399.47	8	3,043.36
1/4		1/4		1/4		1/4		1/4	4,816.50	1/4	4,460.39	1/4	4,104.27	1/4	3,748.16	1/4	3,392.05	1/4	3,035.94
1/2		1/2		1/2		1/2		1/2	4,809.08	1/2	4,452.97	1/2	4,096.85	1/2	3,740.74	1/2	3,384.63	1/2	3,028.52
3/4		3/4		3/4		3/4		3/4	4,801.66	3/4	4,445.55	3/4	4,089.44	3/4	3,733.33	3/4	3,377.21	3/4	3,021.10
9		9		9		9		9	4,794.24	9	4,438.13	9	4,082.02	9	3,725.91	9	3,369.79	9	3,013.68
1/4		1/4		1/4		1/4		1/4	4,786.82	1/4	4,430.71	1/4	4,074.60	1/4	3,718.49	1/4	3,362.37	1/4	3,006.26
1/2		1/2		1/2		1/2		1/2	4,779.40	1/2	4,423.29	1/2	4,067.18	1/2	3,711.07	1/2	3,354.95	1/2	2,998.84
3/4		3/4		3/4		3/4		3/4	4,771.99	3/4	4,415.87	3/4	4,059.76	3/4	3,703.65	3/4	3,347.54	3/4	2,991.43
10		10		10		10		10	4,764.57	10	4,408.45	10	4,052.34	10	3,696.23	10	3,340.12	10	2,984.01
1/4		1/4		1/4		1/4		1/4	4,757.15	1/4	4,401.03	1/4	4,044.92	1/4	3,688.81	1/4	3,332.70	1/4	2,976.59
1/2		1/2		1/2		1/2		1/2	4,749.73	1/2	4,393.61	1/2	4,037.50	1/2	3,681.39	1/2	3,325.28	1/2	2,969.17
3/4		3/4		3/4		3/4		3/4	4,742.31	3/4	4,386.20	3/4	4,030.09	3/4	3,673.97	3/4	3,317.86	3/4	2,961.75
11		11		11		11		11	4,734.89	11	4,378.78	11	4,022.67	11	3,666.55	11	3,310.44	11	2,954.33
1/4		1/4		1/4		1/4		1/4	4,727.47	1/4	4,371.36	1/4	4,015.25	1/4	3,659.13	1/4	3,303.02	1/4	2,946.91
1/2		1/2		1/2		1/2		1/2	4,720.05	1/2	4,363.94	1/2	4,007.83	1/2	3,651.71	1/2	3,295.60	1/2	2,939.49
3/4		3/4		3/4		3/4		3/4	4,712.63	3/4	4,356.52	3/4	4,000.41	3/4	3,644.30	3/4	3,288.19	3/4	2,932.08

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3083"

1 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,568.54	0	2,212.43	0	1,856.32	0	1,500.21	0	1,144.10	0	787.98	0	430.50	0	92.68	0		0	
1/4	2,561.12	1/4	2,205.01	1/4	1,848.90	1/4	1,492.79	1/4	1,136.68	1/4	780.56	1/4	423.04	1/4	86.21	1/4		1/4	
1/2	2,553.70	1/2	2,197.59	1/2	1,841.48	1/2	1,485.37	1/2	1,129.26	1/2	773.14	1/2	415.59	1/2	79.75	1/2		1/2	
3/4	2,546.29	3/4	2,190.18	3/4	1,834.06	3/4	1,477.95	3/4	1,121.84	3/4	765.72	3/4	408.14	3/4	73.28	3/4		3/4	
1	2,538.87	1	2,182.76	1	1,826.64	1	1,470.53	1	1,114.42	1	758.31	1	400.69	1	66.82	1		1	
1/4	2,531.45	1/4	2,175.34	1/4	1,819.22	1/4	1,463.11	1/4	1,107.00	1/4	750.89	1/4	393.33	1/4	60.56	1/4		1/4	
1/2	2,524.03	1/2	2,167.92	1/2	1,811.80	1/2	1,455.69	1/2	1,099.58	1/2	743.47	1/2	385.97	1/2	54.30	1/2		1/2	
3/4	2,516.61	3/4	2,160.50	3/4	1,804.39	3/4	1,448.27	3/4	1,092.16	3/4	736.05	3/4	378.61	3/4	48.04	3/4		3/4	
2	2,509.19	2	2,153.08	2	1,796.97	2	1,440.86	2	1,084.74	2	728.63	2	371.26	2	41.78	2		2	
1/4	2,501.77	1/4	2,145.66	1/4	1,789.55	1/4	1,433.44	1/4	1,077.32	1/4	721.21	1/4	363.93	1/4	36.84	1/4		1/4	
1/2	2,494.35	1/2	2,138.24	1/2	1,782.13	1/2	1,426.02	1/2	1,069.90	1/2	713.79	1/2	356.60	1/2	31.90	1/2		1/2	
3/4	2,486.94	3/4	2,130.82	3/4	1,774.71	3/4	1,418.60	3/4	1,062.48	3/4	706.37	3/4	349.27	3/4	26.96	3/4		3/4	
3	2,479.52	3	2,123.40	3	1,767.29	3	1,411.18	3	1,055.07	3	698.95	3	341.94	3	22.03	3		3	
1/4	2,472.10	1/4	2,115.98	1/4	1,759.87	1/4	1,403.76	1/4	1,047.65	1/4	691.53	1/4	334.70	1/4	18.62	1/4		1/4	
1/2	2,464.68	1/2	2,108.56	1/2	1,752.45	1/2	1,396.34	1/2	1,040.23	1/2	684.11	1/2	327.47	1/2		1/2		1/2	
3/4	2,457.26	3/4	2,101.15	3/4	1,745.04	3/4	1,388.92	3/4	1,032.81	3/4	676.69	3/4	320.23	3/4		3/4		3/4	
4	2,449.84	4	2,093.73	4	1,737.62	4	1,381.50	4	1,025.39	4	669.28	4	313.00	4		4		4	
1/4	2,442.42	1/4	2,086.31	1/4	1,730.20	1/4	1,374.08	1/4	1,017.97	1/4	661.86	1/4	305.79	1/4		1/4		1/4	
1/2	2,435.00	1/2	2,078.89	1/2	1,722.78	1/2	1,366.66	1/2	1,010.55	1/2	654.44	1/2	298.59	1/2		1/2		1/2	
3/4	2,427.58	3/4	2,071.47	3/4	1,715.36	3/4	1,359.24	3/4	1,003.13	3/4	647.02	3/4	291.39	3/4		3/4		3/4	
5	2,420.16	5	2,064.05	5	1,707.94	5	1,351.83	5	995.71	5	639.60	5	284.19	5		5		5	
1/4	2,412.74	1/4	2,056.63	1/4	1,700.52	1/4	1,344.41	1/4	988.29	1/4	632.18	1/4	277.08	1/4		1/4		1/4	
1/2	2,405.32	1/2	2,049.21	1/2	1,693.10	1/2	1,336.99	1/2	980.87	1/2	624.76	1/2	269.97	1/2		1/2		1/2	
3/4	2,397.91	3/4	2,041.80	3/4	1,685.68	3/4	1,329.57	3/4	973.45	3/4	617.34	3/4	262.86	3/4		3/4		3/4	
6	2,390.49	6	2,034.38	6	1,678.26	6	1,322.15	6	966.04	6	609.93	6	255.76	6		6		6	
1/4	2,383.07	1/4	2,026.96	1/4	1,670.84	1/4	1,314.73	1/4	958.62	1/4	602.51	1/4	248.68	1/4		1/4		1/4	
1/2	2,375.65	1/2	2,019.54	1/2	1,663.42	1/2	1,307.31	1/2	951.20	1/2	595.09	1/2	241.60	1/2		1/2		1/2	
3/4	2,368.23	3/4	2,012.12	3/4	1,656.01	3/4	1,299.89	3/4	943.78	3/4	587.67	3/4	234.52	3/4		3/4		3/4	
7	2,360.81	7	2,004.70	7	1,648.59	7	1,292.48	7	936.36	7	580.25	7	227.45	7		7		7	
1/4	2,353.39	1/4	1,997.28	1/4	1,641.17	1/4	1,285.06	1/4	928.94	1/4	572.83	1/4	220.46	1/4		1/4		1/4	
1/2	2,345.97	1/2	1,989.86	1/2	1,633.75	1/2	1,277.64	1/2	921.52	1/2	565.41	1/2	213.48	1/2		1/2		1/2	
3/4	2,338.56	3/4	1,982.44	3/4	1,626.33	3/4	1,270.22	3/4	914.10	3/4	557.99	3/4	206.50	3/4		3/4		3/4	
8	2,331.14	8	1,975.02	8	1,618.91	8	1,262.80	8	906.69	8	550.58	8	199.52	8		8		8	
1/4	2,323.72	1/4	1,967.60	1/4	1,611.49	1/4	1,255.38	1/4	899.27	1/4	543.16	1/4	192.56	1/4		1/4		1/4	
1/2	2,316.30	1/2	1,960.18	1/2	1,604.07	1/2	1,247.96	1/2	891.85	1/2	535.74	1/2	185.61	1/2		1/2		1/2	
3/4	2,308.88	3/4	1,952.77	3/4	1,596.66	3/4	1,240.54	3/4	884.43	3/4	528.32	3/4	178.66	3/4		3/4		3/4	
9	2,301.46	9	1,945.35	9	1,589.24	9	1,233.12	9	877.01	9	520.90	9	171.71	9		9		9	
1/4	2,294.04	1/4	1,937.93	1/4	1,581.82	1/4	1,225.70	1/4	869.59	1/4	513.36	1/4	165.03	1/4		1/4		1/4	
1/2	2,286.62	1/2	1,930.51	1/2	1,574.40	1/2	1,218.28	1/2	862.17	1/2	505.82	1/2	158.35	1/2		1/2		1/2	
3/4	2,279.20	3/4	1,923.09	3/4	1,566.98	3/4	1,210.86	3/4	854.75	3/4	498.28	3/4	151.67	3/4		3/4		3/4	
10	2,271.78	10	1,915.67	10	1,559.56	10	1,203.45	10	847.33	10	490.75	10	145.00	10		10		10	
1/4	2,264.36	1/4	1,908.25	1/4	1,552.14	1/4	1,196.03	1/4	839.91	1/4	483.17	1/4	138.41	1/4		1/4		1/4	
1/2	2,256.94	1/2	1,900.83	1/2	1,544.72	1/2	1,188.61	1/2	832.49	1/2	475.59	1/2	131.83	1/2		1/2		1/2	
3/4	2,249.53	3/4	1,893.42	3/4	1,537.30	3/4	1,181.19	3/4	825.07	3/4	468.01	3/4	125.24	3/4		3/4		3/4	
11	2,242.11	11	1,886.00	11	1,529.88	11	1,173.77	11	817.66	11	460.43	11	118.66	11		11		11	
1/4	2,234.69	1/4	1,878.58	1/4	1,522.46	1/4	1,166.35	1/4	810.24	1/4	452.94	1/4	112.16	1/4		1/4		1/4	
1/2	2,227.27	1/2	1,871.16	1/2	1,515.04	1/2	1,158.93	1/2	802.82	1/2	445.46	1/2	105.67	1/2		1/2		1/2	
3/4	2,219.85	3/4	1,863.74	3/4	1,507.63	3/4	1,151.51	3/4	795.40	3/4	437.98	3/4	99.17	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2011 INSP.
RECALCULATED: 03/15/2019 CL
VERIFIED: 02/28/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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



BARGE "HTCO 3083"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,792.04	0	4,436.10	0	4,075.28	0	3,714.47	0	3,353.65	0	2,992.83
1/4		1/4		1/4		1/4		1/4	4,784.89	1/4	4,428.58	1/4	4,067.76	1/4	3,706.95	1/4	3,346.13	1/4	2,985.32
1/2		1/2		1/2		1/2		1/2	4,777.75	1/2	4,421.06	1/2	4,060.24	1/2	3,699.43	1/2	3,338.61	1/2	2,977.80
3/4		3/4		3/4		3/4		3/4	4,770.61	3/4	4,413.54	3/4	4,052.73	3/4	3,691.91	3/4	3,331.09	3/4	2,970.28
1		1		1		1		1	4,763.47	1	4,406.03	1	4,045.21	1	3,684.40	1	3,323.58	1	2,962.77
1/4		1/4		1/4		1/4	5,085.30	1/4	4,756.32	1/4	4,398.51	1/4	4,037.70	1/4	3,676.88	1/4	3,316.06	1/4	2,955.25
1/2		1/2		1/2		1/2	5,081.04	1/2	4,749.18	1/2	4,390.99	1/2	4,030.18	1/2	3,669.36	1/2	3,308.54	1/2	2,947.73
3/4		3/4		3/4		3/4	5,075.72	3/4	4,742.04	3/4	4,383.47	3/4	4,022.66	3/4	3,661.84	3/4	3,301.03	3/4	2,940.21
2		2		2		2	5,070.39	2	4,734.90	2	4,375.96	2	4,015.15	2	3,654.33	2	3,293.51	2	2,932.70
1/4		1/4		1/4		1/4	5,065.07	1/4	4,727.76	1/4	4,368.44	1/4	4,007.63	1/4	3,646.81	1/4	3,286.00	1/4	2,925.18
1/2		1/2		1/2		1/2	5,059.74	1/2	4,720.62	1/2	4,360.92	1/2	4,000.11	1/2	3,639.29	1/2	3,278.48	1/2	2,917.66
3/4		3/4		3/4		3/4	5,053.39	3/4	4,713.36	3/4	4,353.41	3/4	3,992.59	3/4	3,631.77	3/4	3,270.96	3/4	2,910.14
3		3		3		3	5,047.04	3	4,706.10	3	4,345.89	3	3,985.08	3	3,624.26	3	3,263.45	3	2,902.63
1/4		1/4		1/4		1/4	5,040.68	1/4	4,698.83	1/4	4,338.38	1/4	3,977.56	1/4	3,616.74	1/4	3,255.93	1/4	2,895.11
1/2		1/2		1/2		1/2	5,034.33	1/2	4,691.57	1/2	4,330.86	1/2	3,970.04	1/2	3,609.22	1/2	3,248.41	1/2	2,887.59
3/4		3/4		3/4		3/4	5,027.32	3/4	4,684.08	3/4	4,323.34	3/4	3,962.52	3/4	3,601.71	3/4	3,240.89	3/4	2,880.07
4		4		4		4	5,020.32	4	4,676.59	4	4,315.83	4	3,955.01	4	3,594.19	4	3,233.38	4	2,872.56
1/4		1/4		1/4		1/4	5,013.31	1/4	4,669.09	1/4	4,308.31	1/4	3,947.49	1/4	3,586.68	1/4	3,225.86	1/4	2,865.04
1/2		1/2		1/2		1/2	5,006.30	1/2	4,661.60	1/2	4,300.79	1/2	3,939.97	1/2	3,579.16	1/2	3,218.34	1/2	2,857.52
3/4		3/4		3/4		3/4	4,999.16	3/4	4,654.09	3/4	4,293.27	3/4	3,932.45	3/4	3,571.64	3/4	3,210.82	3/4	2,850.01
5		5		5		5	4,992.02	5	4,646.57	5	4,285.76	5	3,924.94	5	3,564.13	5	3,203.31	5	2,842.49
1/4		1/4		1/4		1/4	4,984.87	1/4	4,639.06	1/4	4,278.24	1/4	3,917.42	1/4	3,556.61	1/4	3,195.79	1/4	2,834.98
1/2		1/2		1/2		1/2	4,977.73	1/2	4,631.54	1/2	4,270.72	1/2	3,909.90	1/2	3,549.09	1/2	3,188.27	1/2	2,827.46
3/4		3/4		3/4		3/4	4,970.59	3/4	4,624.02	3/4	4,263.20	3/4	3,902.39	3/4	3,541.57	3/4	3,180.75	3/4	2,819.94
6		6		6		6	4,963.45	6	4,616.51	6	4,255.69	6	3,894.87	6	3,534.06	6	3,173.24	6	2,812.43
1/4		1/4		1/4		1/4	4,956.30	1/4	4,608.99	1/4	4,248.17	1/4	3,887.36	1/4	3,526.54	1/4	3,165.72	1/4	2,804.91
1/2		1/2		1/2		1/2	4,949.16	1/2	4,601.47	1/2	4,240.65	1/2	3,879.84	1/2	3,519.02	1/2	3,158.20	1/2	2,797.39
3/4		3/4		3/4		3/4	4,942.02	3/4	4,593.95	3/4	4,233.13	3/4	3,872.32	3/4	3,511.50	3/4	3,150.69	3/4	2,789.87
7		7		7		7	4,934.88	7	4,586.44	7	4,225.62	7	3,864.81	7	3,503.99	7	3,143.17	7	2,782.36
1/4		1/4		1/4		1/4	4,927.73	1/4	4,578.92	1/4	4,218.10	1/4	3,857.29	1/4	3,496.47	1/4	3,135.66	1/4	2,774.84
1/2		1/2		1/2		1/2	4,920.59	1/2	4,571.40	1/2	4,210.58	1/2	3,849.77	1/2	3,488.95	1/2	3,128.14	1/2	2,767.32
3/4		3/4		3/4		3/4	4,913.45	3/4	4,563.88	3/4	4,203.07	3/4	3,842.25	3/4	3,481.43	3/4	3,120.62	3/4	2,759.80
8		8		8		8	4,906.31	8	4,556.37	8	4,195.55	8	3,834.74	8	3,473.92	8	3,113.11	8	2,752.29
1/4		1/4		1/4		1/4	4,899.16	1/4	4,548.85	1/4	4,188.04	1/4	3,827.22	1/4	3,466.40	1/4	3,105.59	1/4	2,744.77
1/2		1/2		1/2		1/2	4,892.02	1/2	4,541.33	1/2	4,180.52	1/2	3,819.70	1/2	3,458.88	1/2	3,098.07	1/2	2,737.25
3/4		3/4		3/4		3/4	4,884.88	3/4	4,533.81	3/4	4,173.00	3/4	3,812.18	3/4	3,451.37	3/4	3,090.55	3/4	2,729.74
9		9		9		9	4,877.74	9	4,526.30	9	4,165.49	9	3,804.67	9	3,443.85	9	3,083.04	9	2,722.22
1/4		1/4		1/4		1/4	4,870.60	1/4	4,518.78	1/4	4,157.97	1/4	3,797.15	1/4	3,436.34	1/4	3,075.52	1/4	2,714.71
1/2		1/2		1/2		1/2	4,863.46	1/2	4,511.26	1/2	4,150.45	1/2	3,789.63	1/2	3,428.82	1/2	3,068.00	1/2	2,707.19
3/4		3/4		3/4		3/4	4,856.32	3/4	4,503.75	3/4	4,142.93	3/4	3,782.11	3/4	3,421.30	3/4	3,060.48	3/4	2,699.67
10		10		10		10	4,849.18	10	4,496.23	10	4,135.42	10	3,774.60	10	3,413.79	10	3,052.97	10	2,692.16
1/4		1/4		1/4		1/4	4,842.03	1/4	4,488.72	1/4	4,127.90	1/4	3,767.08	1/4	3,406.27	1/4	3,045.45	1/4	2,684.64
1/2		1/2		1/2		1/2	4,834.89	1/2	4,481.20	1/2	4,120.38	1/2	3,759.56	1/2	3,398.75	1/2	3,037.93	1/2	2,677.12
3/4		3/4		3/4		3/4	4,827.75	3/4	4,473.68	3/4	4,112.86	3/4	3,752.05	3/4	3,391.23	3/4	3,030.41	3/4	2,669.60
11		11		11		11	4,820.61	11	4,466.17	11	4,105.35	11	3,744.53	11	3,383.72	11	3,022.90	11	2,662.09
1/4		1/4		1/4		1/4	4,813.46	1/4	4,458.65	1/4	4,097.83	1/4	3,737.02	1/4	3,376.20	1/4	3,015.38	1/4	2,654.57
1/2		1/2		1/2		1/2	4,806.32	1/2	4,451.13	1/2	4,090.31	1/2	3,729.50	1/2	3,368.68	1/2	3,007.86	1/2	2,647.05
3/4		3/4		3/4		3/4	4,799.18	3/4	4,443.61	3/4	4,082.79	3/4	3,721.98	3/4	3,361.16	3/4	3,000.35	3/4	2,639.53

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3083"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,632.02	0	2,271.20	0	1,910.39	0	1,549.57	0	1,188.76	0	827.94	0	467.12	0	111.55	0		0	
1/4	2,624.50	1/4	2,263.69	1/4	1,902.87	1/4	1,542.05	1/4	1,181.24	1/4	820.42	1/4	459.61	1/4	104.62	1/4		1/4	
1/2	2,616.98	1/2	2,256.17	1/2	1,895.35	1/2	1,534.53	1/2	1,173.72	1/2	812.90	1/2	452.09	1/2	97.68	1/2		1/2	
3/4	2,609.46	3/4	2,248.65	3/4	1,887.83	3/4	1,527.02	3/4	1,166.20	3/4	805.38	3/4	444.57	3/4	90.75	3/4		3/4	
1	2,601.95	1	2,241.14	1	1,880.32	1	1,519.50	1	1,158.69	1	797.87	1	437.06	1	83.82	1		1	
1/4	2,594.43	1/4	2,233.62	1/4	1,872.80	1/4	1,511.99	1/4	1,151.17	1/4	790.35	1/4	429.54	1/4	76.88	1/4		1/4	
1/2	2,586.91	1/2	2,226.10	1/2	1,865.28	1/2	1,504.47	1/2	1,143.65	1/2	782.83	1/2	422.02	1/2	69.95	1/2		1/2	
3/4	2,579.40	3/4	2,218.58	3/4	1,857.76	3/4	1,496.95	3/4	1,136.13	3/4	775.32	3/4	414.50	3/4	63.14	3/4		3/4	
2	2,571.88	2	2,211.07	2	1,850.25	2	1,489.44	2	1,128.62	2	767.80	2	406.99	2	56.33	2		2	
1/4	2,564.37	1/4	2,203.55	1/4	1,842.73	1/4	1,481.92	1/4	1,121.10	1/4	760.29	1/4	399.47	1/4	49.52	1/4		1/4	
1/2	2,556.85	1/2	2,196.03	1/2	1,835.21	1/2	1,474.40	1/2	1,113.58	1/2	752.77	1/2	391.95	1/2	42.71	1/2		1/2	
3/4	2,549.33	3/4	2,188.51	3/4	1,827.70	3/4	1,466.88	3/4	1,106.06	3/4	745.25	3/4	384.43	3/4	37.43	3/4		3/4	
3	2,541.82	3	2,181.00	3	1,820.18	3	1,459.37	3	1,098.55	3	737.74	3	376.92	3	32.15	3		3	
1/4	2,534.30	1/4	2,173.48	1/4	1,812.67	1/4	1,451.85	1/4	1,091.03	1/4	730.22	1/4	369.40	1/4	26.87	1/4		1/4	
1/2	2,526.78	1/2	2,165.96	1/2	1,805.15	1/2	1,444.33	1/2	1,083.51	1/2	722.70	1/2	361.88	1/2	21.59	1/2		1/2	
3/4	2,519.26	3/4	2,158.44	3/4	1,797.63	3/4	1,436.81	3/4	1,076.00	3/4	715.18	3/4	354.36	3/4	18.05	3/4		3/4	
4	2,511.75	4	2,150.93	4	1,790.12	4	1,429.30	4	1,068.48	4	707.67	4	346.85	4		4		4	
1/4	2,504.23	1/4	2,143.41	1/4	1,782.60	1/4	1,421.78	1/4	1,060.97	1/4	700.15	1/4	339.33	1/4		1/4		1/4	
1/2	2,496.71	1/2	2,135.89	1/2	1,775.08	1/2	1,414.26	1/2	1,053.45	1/2	692.63	1/2	331.81	1/2		1/2		1/2	
3/4	2,489.19	3/4	2,128.38	3/4	1,767.56	3/4	1,406.74	3/4	1,045.93	3/4	685.11	3/4	324.30	3/4		3/4		3/4	
5	2,481.68	5	2,120.86	5	1,760.05	5	1,399.23	5	1,038.42	5	677.60	5	316.78	5		5		5	
1/4	2,474.16	1/4	2,113.35	1/4	1,752.53	1/4	1,391.71	1/4	1,030.90	1/4	670.08	1/4	309.27	1/4		1/4		1/4	
1/2	2,466.64	1/2	2,105.83	1/2	1,745.01	1/2	1,384.19	1/2	1,023.38	1/2	662.56	1/2	301.75	1/2		1/2		1/2	
3/4	2,459.12	3/4	2,098.31	3/4	1,737.49	3/4	1,376.68	3/4	1,015.86	3/4	655.04	3/4	294.23	3/4		3/4		3/4	
6	2,451.61	6	2,090.80	6	1,729.98	6	1,369.16	6	1,008.35	6	647.53	6	286.72	6		6		6	
1/4	2,444.09	1/4	2,083.28	1/4	1,722.46	1/4	1,361.65	1/4	1,000.83	1/4	640.01	1/4	279.20	1/4		1/4		1/4	
1/2	2,436.57	1/2	2,075.76	1/2	1,714.94	1/2	1,354.13	1/2	993.31	1/2	632.49	1/2	271.68	1/2		1/2		1/2	
3/4	2,429.06	3/4	2,068.24	3/4	1,707.42	3/4	1,346.75	3/4	985.79	3/4	624.98	3/4	264.16	3/4		3/4		3/4	
7	2,421.54	7	2,060.73	7	1,699.91	7	1,339.37	7	978.28	7	617.46	7	256.65	7		7		7	
1/4	2,414.03	1/4	2,053.21	1/4	1,692.39	1/4	1,331.98	1/4	970.76	1/4	609.95	1/4	249.13	1/4		1/4		1/4	
1/2	2,406.51	1/2	2,045.69	1/2	1,684.87	1/2	1,324.60	1/2	963.24	1/2	602.43	1/2	241.61	1/2		1/2		1/2	
3/4	2,398.99	3/4	2,038.17	3/4	1,677.36	3/4	1,316.95	3/4	955.72	3/4	594.91	3/4	234.09	3/4		3/4		3/4	
8	2,391.48	8	2,030.66	8	1,669.84	8	1,309.30	8	948.21	8	587.40	8	226.58	8		8		8	
1/4	2,383.96	1/4	2,023.14	1/4	1,662.33	1/4	1,301.64	1/4	940.69	1/4	579.88	1/4	219.06	1/4		1/4		1/4	
1/2	2,376.44	1/2	2,015.62	1/2	1,654.81	1/2	1,293.99	1/2	933.17	1/2	572.36	1/2	211.54	1/2		1/2		1/2	
3/4	2,368.92	3/4	2,008.10	3/4	1,647.29	3/4	1,286.47	3/4	925.66	3/4	564.84	3/4	204.02	3/4		3/4		3/4	
9	2,361.41	9	2,000.59	9	1,639.78	9	1,278.96	9	918.14	9	557.33	9	196.51	9		9		9	
1/4	2,353.89	1/4	1,993.07	1/4	1,632.26	1/4	1,271.44	1/4	910.63	1/4	549.81	1/4	188.99	1/4		1/4		1/4	
1/2	2,346.37	1/2	1,985.55	1/2	1,624.74	1/2	1,263.92	1/2	903.11	1/2	542.29	1/2	181.47	1/2		1/2		1/2	
3/4	2,338.85	3/4	1,978.04	3/4	1,617.22	3/4	1,256.40	3/4	895.59	3/4	534.77	3/4	174.39	3/4		3/4		3/4	
10	2,331.34	10	1,970.52	10	1,609.71	10	1,248.89	10	888.08	10	527.26	10	167.31	10		10		10	
1/4	2,323.82	1/4	1,963.01	1/4	1,602.19	1/4	1,241.37	1/4	880.56	1/4	519.74	1/4	160.23	1/4		1/4		1/4	
1/2	2,316.30	1/2	1,955.49	1/2	1,594.67	1/2	1,233.85	1/2	873.04	1/2	512.22	1/2	153.15	1/2		1/2		1/2	
3/4	2,308.78	3/4	1,947.97	3/4	1,587.15	3/4	1,226.34	3/4	865.52	3/4	504.70	3/4	146.22	3/4		3/4		3/4	
11	2,301.27	11	1,940.46	11	1,579.64	11	1,218.82	11	858.01	11	497.19	11	139.29	11		11		11	
1/4	2,293.75	1/4	1,932.94	1/4	1,572.12	1/4	1,211.31	1/4	850.49	1/4	489.67	1/4	132.35	1/4		1/4		1/4	
1/2	2,286.23	1/2	1,925.42	1/2	1,564.60	1/2	1,203.79	1/2	842.97	1/2	482.15	1/2	125.42	1/2		1/2		1/2	
3/4	2,278.72	3/4	1,917.90	3/4	1,557.08	3/4	1,196.27	3/4	835.45	3/4	474.64	3/4	118.49	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2011 INSP.
RECALCULATED: 03/15/2019 CL
VERIFIED: 02/28/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3083"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,784.89	0	4,428.58	0	4,067.76	0	3,706.95	0	3,346.13	0	2,985.32
1/4		1/4		1/4		1/4		1/4	4,777.75	1/4	4,421.06	1/4	4,060.24	1/4	3,699.43	1/4	3,338.61	1/4	2,977.80
1/2		1/2		1/2		1/2		1/2	4,770.61	1/2	4,413.54	1/2	4,052.73	1/2	3,691.91	1/2	3,331.09	1/2	2,970.28
3/4		3/4		3/4		3/4		3/4	4,763.47	3/4	4,406.03	3/4	4,045.21	3/4	3,684.40	3/4	3,323.58	3/4	2,962.77
1		1		1		1	5,085.30	1	4,756.32	1	4,398.51	1	4,037.70	1	3,676.88	1	3,316.06	1	2,955.25
1/4		1/4		1/4		1/4	5,081.04	1/4	4,749.18	1/4	4,390.99	1/4	4,030.18	1/4	3,669.36	1/4	3,308.54	1/4	2,947.73
1/2		1/2		1/2		1/2	5,075.72	1/2	4,742.04	1/2	4,383.47	1/2	4,022.66	1/2	3,661.84	1/2	3,301.03	1/2	2,940.21
3/4		3/4		3/4		3/4	5,070.39	3/4	4,734.90	3/4	4,375.96	3/4	4,015.15	3/4	3,654.33	3/4	3,293.51	3/4	2,932.70
2		2		2		2	5,065.07	2	4,727.76	2	4,368.44	2	4,007.63	2	3,646.81	2	3,286.00	2	2,925.18
1/4		1/4		1/4		1/4	5,059.74	1/4	4,720.62	1/4	4,360.92	1/4	4,000.11	1/4	3,639.29	1/4	3,278.48	1/4	2,917.66
1/2		1/2		1/2		1/2	5,053.39	1/2	4,713.36	1/2	4,353.41	1/2	3,992.59	1/2	3,631.77	1/2	3,270.96	1/2	2,910.14
3/4		3/4		3/4		3/4	5,047.04	3/4	4,706.10	3/4	4,345.89	3/4	3,985.08	3/4	3,624.26	3/4	3,263.45	3/4	2,902.63
3		3		3		3	5,040.68	3	4,698.83	3	4,338.38	3	3,977.56	3	3,616.74	3	3,255.93	3	2,895.11
1/4		1/4		1/4		1/4	5,034.33	1/4	4,691.57	1/4	4,330.86	1/4	3,970.04	1/4	3,609.22	1/4	3,248.41	1/4	2,887.59
1/2		1/2		1/2		1/2	5,027.32	1/2	4,684.08	1/2	4,323.34	1/2	3,962.52	1/2	3,601.71	1/2	3,240.89	1/2	2,880.07
3/4		3/4		3/4		3/4	5,020.32	3/4	4,676.59	3/4	4,315.83	3/4	3,955.01	3/4	3,594.19	3/4	3,233.38	3/4	2,872.56
4		4		4		4	5,013.31	4	4,669.09	4	4,308.31	4	3,947.49	4	3,586.68	4	3,225.86	4	2,865.04
1/4		1/4		1/4		1/4	5,006.30	1/4	4,661.60	1/4	4,300.79	1/4	3,939.97	1/4	3,579.16	1/4	3,218.34	1/4	2,857.52
1/2		1/2		1/2		1/2	4,999.16	1/2	4,654.09	1/2	4,293.27	1/2	3,932.45	1/2	3,571.64	1/2	3,210.82	1/2	2,850.01
3/4		3/4		3/4		3/4	4,992.02	3/4	4,646.57	3/4	4,285.76	3/4	3,924.94	3/4	3,564.13	3/4	3,203.31	3/4	2,842.49
5		5		5		5	4,984.87	5	4,639.06	5	4,278.24	5	3,917.42	5	3,556.61	5	3,195.79	5	2,834.98
1/4		1/4		1/4		1/4	4,977.73	1/4	4,631.54	1/4	4,270.72	1/4	3,909.90	1/4	3,549.09	1/4	3,188.27	1/4	2,827.46
1/2		1/2		1/2		1/2	4,970.59	1/2	4,624.02	1/2	4,263.20	1/2	3,902.39	1/2	3,541.57	1/2	3,180.75	1/2	2,819.94
3/4		3/4		3/4		3/4	4,963.45	3/4	4,616.51	3/4	4,255.69	3/4	3,894.87	3/4	3,534.06	3/4	3,173.24	3/4	2,812.43
6		6		6		6	4,956.30	6	4,608.99	6	4,248.17	6	3,887.36	6	3,526.54	6	3,165.72	6	2,804.91
1/4		1/4		1/4		1/4	4,949.16	1/4	4,601.47	1/4	4,240.65	1/4	3,879.84	1/4	3,519.02	1/4	3,158.20	1/4	2,797.39
1/2		1/2		1/2		1/2	4,942.02	1/2	4,593.95	1/2	4,233.13	1/2	3,872.32	1/2	3,511.50	1/2	3,150.69	1/2	2,789.87
3/4		3/4		3/4		3/4	4,934.88	3/4	4,586.44	3/4	4,225.62	3/4	3,864.81	3/4	3,503.99	3/4	3,143.17	3/4	2,782.36
7		7		7		7	4,927.73	7	4,578.92	7	4,218.10	7	3,857.29	7	3,496.47	7	3,135.66	7	2,774.84
1/4		1/4		1/4		1/4	4,920.59	1/4	4,571.40	1/4	4,210.58	1/4	3,849.77	1/4	3,488.95	1/4	3,128.14	1/4	2,767.32
1/2		1/2		1/2		1/2	4,913.45	1/2	4,563.88	1/2	4,203.07	1/2	3,842.25	1/2	3,481.43	1/2	3,120.62	1/2	2,759.80
3/4		3/4		3/4		3/4	4,906.31	3/4	4,556.37	3/4	4,195.55	3/4	3,834.74	3/4	3,473.92	3/4	3,113.11	3/4	2,752.29
8		8		8		8	4,899.16	8	4,548.85	8	4,188.04	8	3,827.22	8	3,466.40	8	3,105.59	8	2,744.77
1/4		1/4		1/4		1/4	4,892.02	1/4	4,541.33	1/4	4,180.52	1/4	3,819.70	1/4	3,458.88	1/4	3,098.07	1/4	2,737.25
1/2		1/2		1/2		1/2	4,884.88	1/2	4,533.81	1/2	4,173.00	1/2	3,812.18	1/2	3,451.37	1/2	3,090.55	1/2	2,729.74
3/4		3/4		3/4		3/4	4,877.74	3/4	4,526.30	3/4	4,165.49	3/4	3,804.67	3/4	3,443.85	3/4	3,083.04	3/4	2,722.22
9		9		9		9	4,870.60	9	4,518.78	9	4,157.97	9	3,797.15	9	3,436.34	9	3,075.52	9	2,714.71
1/4		1/4		1/4		1/4	4,863.46	1/4	4,511.26	1/4	4,150.45	1/4	3,789.63	1/4	3,428.82	1/4	3,068.00	1/4	2,707.19
1/2		1/2		1/2		1/2	4,856.32	1/2	4,503.75	1/2	4,142.93	1/2	3,782.11	1/2	3,421.30	1/2	3,060.48	1/2	2,699.67
3/4		3/4		3/4		3/4	4,849.18	3/4	4,496.23	3/4	4,135.42	3/4	3,774.60	3/4	3,413.79	3/4	3,052.97	3/4	2,692.16
10		10		10		10	4,842.03	10	4,488.72	10	4,127.90	10	3,767.08	10	3,406.27	10	3,045.45	10	2,684.64
1/4		1/4		1/4		1/4	4,834.89	1/4	4,481.20	1/4	4,120.38	1/4	3,759.56	1/4	3,398.75	1/4	3,037.93	1/4	2,677.12
1/2		1/2		1/2		1/2	4,827.75	1/2	4,473.68	1/2	4,112.86	1/2	3,752.05	1/2	3,391.23	1/2	3,030.41	1/2	2,669.60
3/4		3/4		3/4		3/4	4,820.61	3/4	4,466.17	3/4	4,105.35	3/4	3,744.53	3/4	3,383.72	3/4	3,022.90	3/4	2,662.09
11		11		11		11	4,813.46	11	4,458.65	11	4,097.83	11	3,737.02	11	3,376.20	11	3,015.38	11	2,654.57
1/4		1/4		1/4		1/4	4,806.32	1/4	4,451.13	1/4	4,090.31	1/4	3,729.50	1/4	3,368.68	1/4	3,007.86	1/4	2,647.05
1/2		1/2		1/2		1/2	4,799.18	1/2	4,443.61	1/2	4,082.79	1/2	3,721.98	1/2	3,361.16	1/2	3,000.35	1/2	2,639.53
3/4		3/4		3/4		3/4	4,792.04	3/4	4,436.10	3/4	4,075.28	3/4	3,714.47	3/4	3,353.65	3/4	2,992.83	3/4	2,632.02

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3083"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,624.50	0	2,263.69	0	1,902.87	0	1,542.05	0	1,181.24	0	820.42	0	459.61	0	104.62	0		0	
1/4	2,616.98	1/4	2,256.17	1/4	1,895.35	1/4	1,534.53	1/4	1,173.72	1/4	812.90	1/4	452.09	1/4	97.68	1/4		1/4	
1/2	2,609.46	1/2	2,248.65	1/2	1,887.83	1/2	1,527.02	1/2	1,166.20	1/2	805.38	1/2	444.57	1/2	90.75	1/2		1/2	
3/4	2,601.95	3/4	2,241.14	3/4	1,880.32	3/4	1,519.50	3/4	1,158.69	3/4	797.87	3/4	437.06	3/4	83.82	3/4		3/4	
1	2,594.43	1	2,233.62	1	1,872.80	1	1,511.99	1	1,151.17	1	790.35	1	429.54	1	76.88	1		1	
1/4	2,586.91	1/4	2,226.10	1/4	1,865.28	1/4	1,504.47	1/4	1,143.65	1/4	782.83	1/4	422.02	1/4	69.95	1/4		1/4	
1/2	2,579.40	1/2	2,218.58	1/2	1,857.76	1/2	1,496.95	1/2	1,136.13	1/2	775.32	1/2	414.50	1/2	63.14	1/2		1/2	
3/4	2,571.88	3/4	2,211.07	3/4	1,850.25	3/4	1,489.44	3/4	1,128.62	3/4	767.80	3/4	406.99	3/4	56.33	3/4		3/4	
2	2,564.37	2	2,203.55	2	1,842.73	2	1,481.92	2	1,121.10	2	760.29	2	399.47	2	49.52	2		2	
1/4	2,556.85	1/4	2,196.03	1/4	1,835.21	1/4	1,474.40	1/4	1,113.58	1/4	752.77	1/4	391.95	1/4	42.71	1/4		1/4	
1/2	2,549.33	1/2	2,188.51	1/2	1,827.70	1/2	1,466.88	1/2	1,106.06	1/2	745.25	1/2	384.43	1/2	37.43	1/2		1/2	
3/4	2,541.82	3/4	2,181.00	3/4	1,820.18	3/4	1,459.37	3/4	1,098.55	3/4	737.74	3/4	376.92	3/4	32.15	3/4		3/4	
3	2,534.30	3	2,173.48	3	1,812.67	3	1,451.85	3	1,091.03	3	730.22	3	369.40	3	26.87	3		3	
1/4	2,526.78	1/4	2,165.96	1/4	1,805.15	1/4	1,444.33	1/4	1,083.51	1/4	722.70	1/4	361.88	1/4	21.59	1/4		1/4	
1/2	2,519.26	1/2	2,158.44	1/2	1,797.63	1/2	1,436.81	1/2	1,076.00	1/2	715.18	1/2	354.36	1/2	18.05	1/2		1/2	
3/4	2,511.75	3/4	2,150.93	3/4	1,790.12	3/4	1,429.30	3/4	1,068.48	3/4	707.67	3/4	346.85	3/4		3/4		3/4	
4	2,504.23	4	2,143.41	4	1,782.60	4	1,421.78	4	1,060.97	4	700.15	4	339.33	4		4		4	
1/4	2,496.71	1/4	2,135.89	1/4	1,775.08	1/4	1,414.26	1/4	1,053.45	1/4	692.63	1/4	331.81	1/4		1/4		1/4	
1/2	2,489.19	1/2	2,128.38	1/2	1,767.56	1/2	1,406.74	1/2	1,045.93	1/2	685.11	1/2	324.30	1/2		1/2		1/2	
3/4	2,481.68	3/4	2,120.86	3/4	1,760.05	3/4	1,399.23	3/4	1,038.42	3/4	677.60	3/4	316.78	3/4		3/4		3/4	
5	2,474.16	5	2,113.35	5	1,752.53	5	1,391.71	5	1,030.90	5	670.08	5	309.27	5		5		5	
1/4	2,466.64	1/4	2,105.83	1/4	1,745.01	1/4	1,384.19	1/4	1,023.38	1/4	662.56	1/4	301.75	1/4		1/4		1/4	
1/2	2,459.12	1/2	2,098.31	1/2	1,737.49	1/2	1,376.68	1/2	1,015.86	1/2	655.04	1/2	294.23	1/2		1/2		1/2	
3/4	2,451.61	3/4	2,090.80	3/4	1,729.98	3/4	1,369.16	3/4	1,008.35	3/4	647.53	3/4	286.72	3/4		3/4		3/4	
6	2,444.09	6	2,083.28	6	1,722.46	6	1,361.65	6	1,000.83	6	640.01	6	279.20	6		6		6	
1/4	2,436.57	1/4	2,075.76	1/4	1,714.94	1/4	1,354.13	1/4	993.31	1/4	632.49	1/4	271.68	1/4		1/4		1/4	
1/2	2,429.06	1/2	2,068.24	1/2	1,707.42	1/2	1,346.62	1/2	985.79	1/2	624.98	1/2	264.16	1/2		1/2		1/2	
3/4	2,421.54	3/4	2,060.73	3/4	1,699.91	3/4	1,339.11	3/4	978.28	3/4	617.46	3/4	256.65	3/4		3/4		3/4	
7	2,414.03	7	2,053.21	7	1,692.39	7	1,331.59	7	970.76	7	609.95	7	249.13	7		7		7	
1/4	2,406.51	1/4	2,045.69	1/4	1,684.87	1/4	1,324.08	1/4	963.24	1/4	602.43	1/4	241.61	1/4		1/4		1/4	
1/2	2,398.99	1/2	2,038.17	1/2	1,677.36	1/2	1,316.57	1/2	955.72	1/2	594.91	1/2	234.09	1/2		1/2		1/2	
3/4	2,391.48	3/4	2,030.66	3/4	1,669.84	3/4	1,309.06	3/4	948.21	3/4	587.40	3/4	226.58	3/4		3/4		3/4	
8	2,383.96	8	2,023.14	8	1,662.33	8	1,301.54	8	940.69	8	579.88	8	219.06	8		8		8	
1/4	2,376.44	1/4	2,015.62	1/4	1,654.81	1/4	1,294.03	1/4	933.17	1/4	572.36	1/4	211.54	1/4		1/4		1/4	
1/2	2,368.92	1/2	2,008.10	1/2	1,647.29	1/2	1,286.51	1/2	925.66	1/2	564.84	1/2	204.02	1/2		1/2		1/2	
3/4	2,361.41	3/4	2,000.59	3/4	1,639.78	3/4	1,278.99	3/4	918.14	3/4	557.33	3/4	196.51	3/4		3/4		3/4	
9	2,353.89	9	1,993.07	9	1,632.26	9	1,271.47	9	910.63	9	549.81	9	188.99	9		9		9	
1/4	2,346.37	1/4	1,985.55	1/4	1,624.74	1/4	1,263.95	1/4	903.11	1/4	542.29	1/4	181.47	1/4		1/4		1/4	
1/2	2,338.85	1/2	1,978.04	1/2	1,617.22	1/2	1,256.43	1/2	895.59	1/2	534.77	1/2	174.39	1/2		1/2		1/2	
3/4	2,331.34	3/4	1,970.52	3/4	1,609.71	3/4	1,248.91	3/4	888.08	3/4	527.26	3/4	167.31	3/4		3/4		3/4	
10	2,323.82	10	1,963.01	10	1,602.19	10	1,241.39	10	880.56	10	519.74	10	160.23	10		10		10	
1/4	2,316.30	1/4	1,955.49	1/4	1,594.67	1/4	1,233.87	1/4	873.04	1/4	512.22	1/4	153.15	1/4		1/4		1/4	
1/2	2,308.78	1/2	1,947.97	1/2	1,587.15	1/2	1,226.35	1/2	865.52	1/2	504.70	1/2	146.22	1/2		1/2		1/2	
3/4	2,301.27	3/4	1,940.46	3/4	1,579.64	3/4	1,218.83	3/4	858.01	3/4	497.19	3/4	139.29	3/4		3/4		3/4	
11	2,293.75	11	1,932.94	11	1,572.12	11	1,211.31	11	850.49	11	489.67	11	132.35	11		11		11	
1/4	2,286.23	1/4	1,925.42	1/4	1,564.60	1/4	1,203.79	1/4	842.97	1/4	482.15	1/4	125.42	1/4		1/4		1/4	
1/2	2,278.72	1/2	1,917.90	1/2	1,557.08	1/2	1,196.27	1/2	835.45	1/2	474.64	1/2	118.49	1/2		1/2		1/2	
3/4	2,271.20	3/4	1,910.39	3/4	1,549.57	3/4	1,188.76	3/4	827.94	3/4	467.12	3/4	111.55	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2011 INSP
RECALCULATED: 03/15/2019 CL
VERIFIED: 02/28/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3083"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,442.90	0	4,189.27	0	3,935.64	0	3,682.01	0	3,376.45	0	3,014.01
1/4		1/4		1/4		1/4		1/4	4,437.61	1/4	4,183.98	1/4	3,930.35	1/4	3,676.72	1/4	3,368.90	1/4	3,006.45
1/2		1/2		1/2		1/2		1/2	4,432.33	1/2	4,178.70	1/2	3,925.07	1/2	3,671.44	1/2	3,361.35	1/2	2,998.90
3/4		3/4		3/4		3/4		3/4	4,427.05	3/4	4,173.42	3/4	3,919.78	3/4	3,666.15	3/4	3,353.80	3/4	2,991.35
1		1		1		1	4,665.01	1	4,421.77	1	4,168.14	1	3,914.50	1	3,660.87	1	3,346.25	1	2,983.80
1/4		1/4		1/4		1/4	4,661.88	1/4	4,416.48	1/4	4,162.85	1/4	3,909.21	1/4	3,655.58	1/4	3,338.70	1/4	2,976.25
1/2		1/2		1/2		1/2	4,657.97	1/2	4,411.20	1/2	4,157.57	1/2	3,903.93	1/2	3,650.30	1/2	3,331.15	1/2	2,968.70
3/4		3/4		3/4		3/4	4,654.06	3/4	4,405.91	3/4	4,152.28	3/4	3,898.65	3/4	3,645.02	3/4	3,323.60	3/4	2,961.15
2		2		2		2	4,650.15	2	4,400.63	2	4,147.00	2	3,893.37	2	3,639.74	2	3,316.05	2	2,953.60
1/4		1/4		1/4		1/4	4,646.23	1/4	4,395.34	1/4	4,141.71	1/4	3,888.08	1/4	3,634.45	1/4	3,308.49	1/4	2,946.04
1/2		1/2		1/2		1/2	4,641.54	1/2	4,390.06	1/2	4,136.43	1/2	3,882.80	1/2	3,629.14	1/2	3,300.94	1/2	2,938.49
3/4		3/4		3/4		3/4	4,636.84	3/4	4,384.78	3/4	4,131.14	3/4	3,877.51	3/4	3,623.82	3/4	3,293.39	3/4	2,930.94
3		3		3		3	4,632.15	3	4,379.50	3	4,125.86	3	3,872.23	3	3,618.50	3	3,285.84	3	2,923.39
1/4		1/4		1/4		1/4	4,627.45	1/4	4,374.21	1/4	4,120.57	1/4	3,866.94	1/4	3,613.18	1/4	3,278.29	1/4	2,915.84
1/2		1/2		1/2		1/2	4,622.27	1/2	4,368.93	1/2	4,115.29	1/2	3,861.66	1/2	3,607.62	1/2	3,270.74	1/2	2,908.29
3/4		3/4		3/4		3/4	4,617.08	3/4	4,363.64	3/4	4,110.01	3/4	3,856.38	3/4	3,602.06	3/4	3,263.19	3/4	2,900.74
4		4		4		4	4,611.89	4	4,358.36	4	4,104.73	4	3,851.10	4	3,596.50	4	3,255.64	4	2,893.19
1/4		1/4		1/4		1/4	4,606.70	1/4	4,353.07	1/4	4,099.44	1/4	3,845.81	1/4	3,590.93	1/4	3,248.08	1/4	2,885.64
1/2		1/2		1/2		1/2	4,601.42	1/2	4,347.79	1/2	4,094.16	1/2	3,840.53	1/2	3,585.04	1/2	3,240.53	1/2	2,878.09
3/4		3/4		3/4		3/4	4,596.14	3/4	4,342.50	3/4	4,088.87	3/4	3,835.24	3/4	3,579.15	3/4	3,232.98	3/4	2,870.54
5		5		5		5	4,590.86	5	4,337.22	5	4,083.59	5	3,829.96	5	3,573.26	5	3,225.43	5	2,862.99
1/4		1/4		1/4		1/4	4,585.57	1/4	4,331.93	1/4	4,078.30	1/4	3,824.67	1/4	3,567.37	1/4	3,217.88	1/4	2,855.43
1/2		1/2		1/2		1/2	4,580.29	1/2	4,326.65	1/2	4,073.02	1/2	3,819.39	1/2	3,561.14	1/2	3,210.33	1/2	2,847.88
3/4		3/4		3/4		3/4	4,575.00	3/4	4,321.37	3/4	4,067.74	3/4	3,814.10	3/4	3,554.90	3/4	3,202.78	3/4	2,840.33
6		6		6		6	4,569.72	6	4,316.09	6	4,062.46	6	3,808.82	6	3,548.67	6	3,195.23	6	2,832.78
1/4		1/4		1/4		1/4	4,564.43	1/4	4,310.80	1/4	4,057.17	1/4	3,803.53	1/4	3,542.43	1/4	3,187.68	1/4	2,825.23
1/2		1/2		1/2		1/2	4,559.15	1/2	4,305.52	1/2	4,051.89	1/2	3,798.25	1/2	3,535.85	1/2	3,180.13	1/2	2,817.68
3/4		3/4		3/4		3/4	4,553.86	3/4	4,300.23	3/4	4,046.60	3/4	3,792.97	3/4	3,529.27	3/4	3,172.58	3/4	2,810.13
7		7		7		7	4,548.58	7	4,294.95	7	4,041.32	7	3,787.69	7	3,522.69	7	3,165.03	7	2,802.58
1/4		1/4		1/4		1/4	4,543.29	1/4	4,289.66	1/4	4,036.03	1/4	3,782.40	1/4	3,516.11	1/4	3,157.47	1/4	2,795.02
1/2		1/2		1/2		1/2	4,538.01	1/2	4,284.38	1/2	4,030.75	1/2	3,777.12	1/2	3,509.19	1/2	3,149.92	1/2	2,787.47
3/4		3/4		3/4		3/4	4,532.73	3/4	4,279.10	3/4	4,025.46	3/4	3,771.83	3/4	3,502.26	3/4	3,142.37	3/4	2,779.92
8		8		8		8	4,527.45	8	4,273.82	8	4,020.18	8	3,766.55	8	3,495.33	8	3,134.82	8	2,772.37
1/4		1/4		1/4		1/4	4,522.16	1/4	4,268.53	1/4	4,014.89	1/4	3,761.26	1/4	3,488.40	1/4	3,127.27	1/4	2,764.82
1/2		1/2		1/2		1/2	4,516.88	1/2	4,263.25	1/2	4,009.61	1/2	3,755.98	1/2	3,481.13	1/2	3,119.72	1/2	2,757.27
3/4		3/4		3/4		3/4	4,511.59	3/4	4,257.96	3/4	4,004.33	3/4	3,750.70	3/4	3,473.85	3/4	3,112.17	3/4	2,749.72
9		9		9		9	4,506.31	9	4,252.68	9	3,999.05	9	3,745.42	9	3,466.58	9	3,104.62	9	2,742.17
1/4		1/4		1/4		1/4	4,501.02	1/4	4,247.39	1/4	3,993.76	1/4	3,740.13	1/4	3,459.30	1/4	3,097.06	1/4	2,734.62
1/2		1/2		1/2		1/2	4,495.74	1/2	4,242.11	1/2	3,988.48	1/2	3,734.85	1/2	3,451.81	1/2	3,089.51	1/2	2,727.07
3/4		3/4		3/4		3/4	4,490.46	3/4	4,236.82	3/4	3,983.19	3/4	3,729.56	3/4	3,444.31	3/4	3,081.96	3/4	2,719.52
10		10		10		10	4,485.18	10	4,231.54	10	3,977.91	10	3,724.28	10	3,436.81	10	3,074.41	10	2,711.97
1/4		1/4		1/4		1/4	4,479.89	1/4	4,226.25	1/4	3,972.62	1/4	3,718.99	1/4	3,429.31	1/4	3,066.86	1/4	2,704.41
1/2		1/2		1/2		1/2	4,474.61	1/2	4,220.97	1/2	3,967.34	1/2	3,713.71	1/2	3,421.76	1/2	3,059.31	1/2	2,696.86
3/4		3/4		3/4		3/4	4,469.32	3/4	4,215.69	3/4	3,962.06	3/4	3,708.42	3/4	3,414.21	3/4	3,051.76	3/4	2,689.31
11		11		11		11	4,464.04	11	4,210.41	11	3,956.78	11	3,703.14	11	3,406.66	11	3,044.21	11	2,681.76
1/4		1/4		1/4		1/4	4,458.75	1/4	4,205.12	1/4	3,951.49	1/4	3,697.85	1/4	3,399.10	1/4	3,036.66	1/4	2,674.21
1/2		1/2		1/2		1/2	4,453.47	1/2	4,199.84	1/2	3,946.21	1/2	3,692.57	1/2	3,391.55	1/2	3,029.11	1/2	2,666.66
3/4		3/4		3/4		3/4	4,448.18	3/4	4,194.55	3/4	3,940.92	3/4	3,687.29	3/4	3,384.00	3/4	3,021.56	3/4	2,659.11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3083"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,651.56	0	2,289.11	0	1,926.66	0	1,564.22	0	1,201.77	0	838.64	0	474.11	0	111.28	0		0	
1/4	2,644.00	1/4	2,281.56	1/4	1,919.11	1/4	1,556.66	1/4	1,194.21	1/4	831.06	1/4	466.50	1/4	103.91	1/4		1/4	
1/2	2,636.45	1/2	2,274.01	1/2	1,911.56	1/2	1,549.11	1/2	1,186.66	1/2	823.49	1/2	458.90	1/2	96.55	1/2		1/2	
3/4	2,628.90	3/4	2,266.46	3/4	1,904.01	3/4	1,541.56	3/4	1,179.11	3/4	815.91	3/4	451.29	3/4	89.18	3/4		3/4	
1	2,621.35	1	2,258.91	1	1,896.46	1	1,534.01	1	1,171.56	1	808.34	1	443.68	1	81.81	1		1	
1/4	2,613.80	1/4	2,251.35	1/4	1,888.90	1/4	1,526.46	1/4	1,164.01	1/4	800.76	1/4	436.07	1/4	74.44	1/4		1/4	
1/2	2,606.25	1/2	2,243.80	1/2	1,881.35	1/2	1,518.91	1/2	1,156.46	1/2	793.19	1/2	428.46	1/2	67.21	1/2		1/2	
3/4	2,598.70	3/4	2,236.25	3/4	1,873.80	3/4	1,511.35	3/4	1,148.91	3/4	785.61	3/4	420.85	3/4	59.97	3/4		3/4	
2	2,591.15	2	2,228.70	2	1,866.25	2	1,503.80	2	1,141.36	2	778.03	2	413.24	2	52.74	2		2	
1/4	2,583.60	1/4	2,221.15	1/4	1,858.70	1/4	1,496.24	1/4	1,133.81	1/4	770.45	1/4	405.63	1/4	45.50	1/4		1/4	
1/2	2,576.05	1/2	2,213.60	1/2	1,851.15	1/2	1,488.70	1/2	1,126.26	1/2	762.88	1/2	398.03	1/2	39.90	1/2		1/2	
3/4	2,568.50	3/4	2,206.05	3/4	1,843.60	3/4	1,481.15	3/4	1,118.71	3/4	755.30	3/4	390.42	3/4	34.30	3/4		3/4	
3	2,560.95	3	2,198.50	3	1,836.05	3	1,473.60	3	1,111.16	3	747.72	3	382.81	3	28.70	3		3	
1/4	2,553.39	1/4	2,190.94	1/4	1,828.50	1/4	1,466.05	1/4	1,103.60	1/4	740.14	1/4	375.20	1/4	23.10	1/4		1/4	
1/2	2,545.84	1/2	2,183.39	1/2	1,820.95	1/2	1,458.50	1/2	1,096.05	1/2	732.57	1/2	367.59	1/2	19.31	1/2		1/2	
3/4	2,538.29	3/4	2,175.84	3/4	1,813.40	3/4	1,450.95	3/4	1,088.50	3/4	724.99	3/4	359.98	3/4		3/4		3/4	
4	2,530.74	4	2,168.29	4	1,805.85	4	1,443.40	4	1,080.95	4	717.41	4	352.37	4		4		4	
1/4	2,523.19	1/4	2,160.74	1/4	1,798.29	1/4	1,435.85	1/4	1,073.40	1/4	709.83	1/4	344.76	1/4		1/4		1/4	
1/2	2,515.64	1/2	2,153.19	1/2	1,790.74	1/2	1,428.30	1/2	1,065.85	1/2	702.26	1/2	337.15	1/2		1/2		1/2	
3/4	2,508.09	3/4	2,145.64	3/4	1,783.19	3/4	1,420.75	3/4	1,058.30	3/4	694.68	3/4	329.54	3/4		3/4		3/4	
5	2,500.54	5	2,138.09	5	1,775.64	5	1,413.20	5	1,050.75	5	687.10	5	321.93	5		5		5	
1/4	2,492.98	1/4	2,130.54	1/4	1,768.09	1/4	1,405.64	1/4	1,043.19	1/4	679.52	1/4	314.32	1/4		1/4		1/4	
1/2	2,485.43	1/2	2,122.99	1/2	1,760.54	1/2	1,398.09	1/2	1,035.62	1/2	671.92	1/2	306.72	1/2		1/2		1/2	
3/4	2,477.88	3/4	2,115.44	3/4	1,752.99	3/4	1,390.54	3/4	1,028.05	3/4	664.32	3/4	299.11	3/4		3/4		3/4	
6	2,470.33	6	2,107.89	6	1,745.44	6	1,382.99	6	1,020.48	6	656.72	6	291.50	6		6		6	
1/4	2,462.78	1/4	2,100.33	1/4	1,737.88	1/4	1,375.44	1/4	1,012.91	1/4	649.12	1/4	283.89	1/4		1/4		1/4	
1/2	2,455.23	1/2	2,092.78	1/2	1,730.33	1/2	1,367.89	1/2	1,005.34	1/2	641.51	1/2	276.28	1/2		1/2		1/2	
3/4	2,447.68	3/4	2,085.23	3/4	1,722.78	3/4	1,360.34	3/4	997.76	3/4	633.90	3/4	268.67	3/4		3/4		3/4	
7	2,440.13	7	2,077.68	7	1,715.23	7	1,352.79	7	990.18	7	626.29	7	261.06	7		7		7	
1/4	2,432.58	1/4	2,070.13	1/4	1,707.68	1/4	1,345.23	1/4	982.60	1/4	618.68	1/4	253.45	1/4		1/4		1/4	
1/2	2,425.03	1/2	2,062.58	1/2	1,700.13	1/2	1,337.68	1/2	975.03	1/2	611.08	1/2	245.85	1/2		1/2		1/2	
3/4	2,417.48	3/4	2,055.03	3/4	1,692.58	3/4	1,330.13	3/4	967.45	3/4	603.47	3/4	238.24	3/4		3/4		3/4	
8	2,409.93	8	2,047.48	8	1,685.03	8	1,322.58	8	959.88	8	595.86	8	230.63	8		8		8	
1/4	2,402.37	1/4	2,039.92	1/4	1,677.48	1/4	1,315.03	1/4	952.30	1/4	588.25	1/4	223.02	1/4		1/4		1/4	
1/2	2,394.82	1/2	2,032.37	1/2	1,669.93	1/2	1,307.48	1/2	944.73	1/2	580.64	1/2	215.41	1/2		1/2		1/2	
3/4	2,387.27	3/4	2,024.82	3/4	1,662.38	3/4	1,299.93	3/4	937.15	3/4	573.03	3/4	207.80	3/4		3/4		3/4	
9	2,379.72	9	2,017.27	9	1,654.83	9	1,292.38	9	929.57	9	565.42	9	200.19	9		9		9	
1/4	2,372.17	1/4	2,009.72	1/4	1,647.27	1/4	1,284.83	1/4	921.99	1/4	557.81	1/4	192.58	1/4		1/4		1/4	
1/2	2,364.62	1/2	2,002.17	1/2	1,639.72	1/2	1,277.28	1/2	914.42	1/2	550.21	1/2	185.15	1/2		1/2		1/2	
3/4	2,357.07	3/4	1,994.62	3/4	1,632.17	3/4	1,269.73	3/4	906.84	3/4	542.60	3/4	177.72	3/4		3/4		3/4	
10	2,349.52	10	1,987.07	10	1,624.62	10	1,262.18	10	899.26	10	534.99	10	170.29	10		10		10	
1/4	2,341.96	1/4	1,979.52	1/4	1,617.07	1/4	1,254.62	1/4	891.68	1/4	527.38	1/4	162.86	1/4		1/4		1/4	
1/2	2,334.41	1/2	1,971.97	1/2	1,609.52	1/2	1,247.07	1/2	884.11	1/2	519.77	1/2	155.50	1/2		1/2		1/2	
3/4	2,326.86	3/4	1,964.42	3/4	1,601.97	3/4	1,239.52	3/4	876.53	3/4	512.16	3/4	148.13	3/4		3/4		3/4	
11	2,319.31	11	1,956.87	11	1,594.42	11	1,231.97	11	868.95	11	504.55	11	140.76	11		11		11	
1/4	2,311.76	1/4	1,949.31	1/4	1,586.87	1/4	1,224.42	1/4	861.37	1/4	496.94	1/4	133.39	1/4		1/4		1/4	
1/2	2,304.21	1/2	1,941.76	1/2	1,579.32	1/2	1,216.87	1/2	853.80	1/2	489.33	1/2	126.02	1/2		1/2		1/2	
3/4	2,296.66	3/4	1,934.21	3/4	1,571.77	3/4	1,209.32	3/4	846.22	3/4	481.72	3/4	118.65	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2011 INSP
RECALCULATED: 03/15/2019 CL
VERIFIED: 02/28/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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



BARGE "HTCO 3083"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,448.18	0	4,194.55	0	3,940.92	0	3,687.29	0	3,384.00	0	3,021.56
1/4		1/4		1/4		1/4		1/4	4,442.90	1/4	4,189.27	1/4	3,935.64	1/4	3,682.01	1/4	3,376.45	1/4	3,014.01
1/2		1/2		1/2		1/2		1/2	4,437.61	1/2	4,183.98	1/2	3,930.35	1/2	3,676.72	1/2	3,368.90	1/2	3,006.45
3/4		3/4		3/4		3/4		3/4	4,432.33	3/4	4,178.70	3/4	3,925.07	3/4	3,671.44	3/4	3,361.35	3/4	2,998.90
1		1		1		1		1	4,427.05	1	4,173.42	1	3,919.78	1	3,666.15	1	3,353.80	1	2,991.35
1/4		1/4		1/4		1/4	4,665.01	1/4	4,421.77	1/4	4,168.14	1/4	3,914.50	1/4	3,660.87	1/4	3,346.25	1/4	2,983.80
1/2		1/2		1/2		1/2	4,661.88	1/2	4,416.48	1/2	4,162.85	1/2	3,909.21	1/2	3,655.58	1/2	3,338.70	1/2	2,976.25
3/4		3/4		3/4		3/4	4,657.97	3/4	4,411.20	3/4	4,157.57	3/4	3,903.93	3/4	3,650.30	3/4	3,331.15	3/4	2,968.70
2		2		2		2	4,654.06	2	4,405.91	2	4,152.28	2	3,898.65	2	3,645.02	2	3,323.60	2	2,961.15
1/4		1/4		1/4		1/4	4,650.15	1/4	4,400.63	1/4	4,147.00	1/4	3,893.37	1/4	3,639.74	1/4	3,316.05	1/4	2,953.60
1/2		1/2		1/2		1/2	4,646.23	1/2	4,395.34	1/2	4,141.71	1/2	3,888.08	1/2	3,634.45	1/2	3,308.49	1/2	2,946.04
3/4		3/4		3/4		3/4	4,641.54	3/4	4,390.06	3/4	4,136.43	3/4	3,882.80	3/4	3,629.14	3/4	3,300.94	3/4	2,938.49
3		3		3		3	4,636.84	3	4,384.78	3	4,131.14	3	3,877.51	3	3,623.82	3	3,293.39	3	2,930.94
1/4		1/4		1/4		1/4	4,632.15	1/4	4,379.50	1/4	4,125.86	1/4	3,872.23	1/4	3,618.50	1/4	3,285.84	1/4	2,923.39
1/2		1/2		1/2		1/2	4,627.45	1/2	4,374.21	1/2	4,120.57	1/2	3,866.94	1/2	3,613.18	1/2	3,278.29	1/2	2,915.84
3/4		3/4		3/4		3/4	4,622.27	3/4	4,368.93	3/4	4,115.29	3/4	3,861.66	3/4	3,607.62	3/4	3,270.74	3/4	2,908.29
4		4		4		4	4,617.08	4	4,363.64	4	4,110.01	4	3,856.38	4	3,602.06	4	3,263.19	4	2,900.74
1/4		1/4		1/4		1/4	4,611.89	1/4	4,358.36	1/4	4,104.73	1/4	3,851.10	1/4	3,596.50	1/4	3,255.64	1/4	2,893.19
1/2		1/2		1/2		1/2	4,606.70	1/2	4,353.07	1/2	4,099.44	1/2	3,845.81	1/2	3,590.93	1/2	3,248.08	1/2	2,885.64
3/4		3/4		3/4		3/4	4,601.42	3/4	4,347.79	3/4	4,094.16	3/4	3,840.53	3/4	3,585.04	3/4	3,240.53	3/4	2,878.09
5		5		5		5	4,596.14	5	4,342.50	5	4,088.87	5	3,835.24	5	3,579.15	5	3,232.98	5	2,870.54
1/4		1/4		1/4		1/4	4,590.86	1/4	4,337.22	1/4	4,083.59	1/4	3,829.96	1/4	3,573.26	1/4	3,225.43	1/4	2,862.99
1/2		1/2		1/2		1/2	4,585.57	1/2	4,331.93	1/2	4,078.30	1/2	3,824.67	1/2	3,567.37	1/2	3,217.88	1/2	2,855.43
3/4		3/4		3/4		3/4	4,580.29	3/4	4,326.65	3/4	4,073.02	3/4	3,819.39	3/4	3,561.14	3/4	3,210.33	3/4	2,847.88
6		6		6		6	4,575.00	6	4,321.37	6	4,067.74	6	3,814.10	6	3,554.90	6	3,202.78	6	2,840.33
1/4		1/4		1/4		1/4	4,569.72	1/4	4,316.09	1/4	4,062.46	1/4	3,808.82	1/4	3,548.67	1/4	3,195.23	1/4	2,832.78
1/2		1/2		1/2		1/2	4,564.43	1/2	4,310.80	1/2	4,057.17	1/2	3,803.53	1/2	3,542.43	1/2	3,187.68	1/2	2,825.23
3/4		3/4		3/4		3/4	4,559.15	3/4	4,305.52	3/4	4,051.89	3/4	3,798.25	3/4	3,535.85	3/4	3,180.13	3/4	2,817.68
7		7		7		7	4,553.86	7	4,300.23	7	4,046.60	7	3,792.97	7	3,529.27	7	3,172.58	7	2,810.13
1/4		1/4		1/4		1/4	4,548.58	1/4	4,294.95	1/4	4,041.32	1/4	3,787.69	1/4	3,522.69	1/4	3,165.03	1/4	2,802.58
1/2		1/2		1/2		1/2	4,543.29	1/2	4,289.66	1/2	4,036.03	1/2	3,782.40	1/2	3,516.11	1/2	3,157.47	1/2	2,795.02
3/4		3/4		3/4		3/4	4,538.01	3/4	4,284.38	3/4	4,030.75	3/4	3,777.12	3/4	3,509.19	3/4	3,149.92	3/4	2,787.47
8		8		8		8	4,532.73	8	4,279.10	8	4,025.46	8	3,771.83	8	3,502.26	8	3,142.37	8	2,779.92
1/4		1/4		1/4		1/4	4,527.45	1/4	4,273.82	1/4	4,020.18	1/4	3,766.55	1/4	3,495.33	1/4	3,134.82	1/4	2,772.37
1/2		1/2		1/2		1/2	4,522.16	1/2	4,268.53	1/2	4,014.89	1/2	3,761.26	1/2	3,488.40	1/2	3,127.27	1/2	2,764.82
3/4		3/4		3/4		3/4	4,516.88	3/4	4,263.25	3/4	4,009.61	3/4	3,755.98	3/4	3,481.13	3/4	3,119.72	3/4	2,757.27
9		9		9		9	4,511.59	9	4,257.96	9	4,004.33	9	3,750.70	9	3,473.85	9	3,112.17	9	2,749.72
1/4		1/4		1/4		1/4	4,506.31	1/4	4,252.68	1/4	3,999.05	1/4	3,745.42	1/4	3,466.58	1/4	3,104.62	1/4	2,742.17
1/2		1/2		1/2		1/2	4,501.02	1/2	4,247.39	1/2	3,993.76	1/2	3,740.13	1/2	3,459.30	1/2	3,097.06	1/2	2,734.62
3/4		3/4		3/4		3/4	4,495.74	3/4	4,242.11	3/4	3,988.48	3/4	3,734.85	3/4	3,451.81	3/4	3,089.51	3/4	2,727.07
10		10		10		10	4,490.46	10	4,236.82	10	3,983.19	10	3,729.56	10	3,444.31	10	3,081.96	10	2,719.52
1/4		1/4		1/4		1/4	4,485.18	1/4	4,231.54	1/4	3,977.91	1/4	3,724.28	1/4	3,436.81	1/4	3,074.41	1/4	2,711.97
1/2		1/2		1/2		1/2	4,479.89	1/2	4,226.25	1/2	3,972.62	1/2	3,718.99	1/2	3,429.31	1/2	3,066.86	1/2	2,704.41
3/4		3/4		3/4		3/4	4,474.61	3/4	4,220.97	3/4	3,967.34	3/4	3,713.71	3/4	3,421.76	3/4	3,059.31	3/4	2,696.86
11		11		11		11	4,469.32	11	4,215.69	11	3,962.06	11	3,708.42	11	3,414.21	11	3,051.76	11	2,689.31
1/4		1/4		1/4		1/4	4,464.04	1/4	4,210.41	1/4	3,956.78	1/4	3,703.14	1/4	3,406.66	1/4	3,044.21	1/4	2,681.76
1/2		1/2		1/2		1/2	4,458.75	1/2	4,205.12	1/2	3,951.49	1/2	3,697.85	1/2	3,399.10	1/2	3,036.66	1/2	2,674.21
3/4		3/4		3/4		3/4	4,453.47	3/4	4,199.84	3/4	3,946.21	3/4	3,692.57	3/4	3,391.55	3/4	3,029.11	3/4	2,666.66

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3083"

3 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,659.11	0	2,296.66	0	1,934.21	0	1,571.77	0	1,209.32	0	846.22	0	481.72	0	118.65	0		0	
1/4	2,651.56	1/4	2,289.11	1/4	1,926.66	1/4	1,564.22	1/4	1,201.77	1/4	838.64	1/4	474.11	1/4	111.28	1/4		1/4	
1/2	2,644.00	1/2	2,281.56	1/2	1,919.11	1/2	1,556.66	1/2	1,194.21	1/2	831.06	1/2	466.50	1/2	103.91	1/2		1/2	
3/4	2,636.45	3/4	2,274.01	3/4	1,911.56	3/4	1,549.11	3/4	1,186.66	3/4	823.49	3/4	458.90	3/4	96.55	3/4		3/4	
1	2,628.90	1	2,266.46	1	1,904.01	1	1,541.56	1	1,179.11	1	815.91	1	451.29	1	89.18	1		1	
1/4	2,621.35	1/4	2,258.91	1/4	1,896.46	1/4	1,534.01	1/4	1,171.56	1/4	808.34	1/4	443.68	1/4	81.81	1/4		1/4	
1/2	2,613.80	1/2	2,251.35	1/2	1,888.90	1/2	1,526.46	1/2	1,164.01	1/2	800.76	1/2	436.07	1/2	74.44	1/2		1/2	
3/4	2,606.25	3/4	2,243.80	3/4	1,881.35	3/4	1,518.91	3/4	1,156.46	3/4	793.19	3/4	428.46	3/4	67.21	3/4		3/4	
2	2,598.70	2	2,236.25	2	1,873.80	2	1,511.35	2	1,148.91	2	785.61	2	420.85	2	59.97	2		2	
1/4	2,591.15	1/4	2,228.70	1/4	1,866.25	1/4	1,503.80	1/4	1,141.36	1/4	778.03	1/4	413.24	1/4	52.74	1/4		1/4	
1/2	2,583.60	1/2	2,221.15	1/2	1,858.70	1/2	1,496.24	1/2	1,133.81	1/2	770.45	1/2	405.63	1/2	45.50	1/2		1/2	
3/4	2,576.05	3/4	2,213.60	3/4	1,851.15	3/4	1,488.70	3/4	1,126.26	3/4	762.88	3/4	398.03	3/4	39.90	3/4		3/4	
3	2,568.50	3	2,206.05	3	1,843.60	3	1,481.15	3	1,118.71	3	755.30	3	390.42	3	34.30	3		3	
1/4	2,560.95	1/4	2,198.50	1/4	1,836.05	1/4	1,473.60	1/4	1,111.16	1/4	747.72	1/4	382.81	1/4	28.70	1/4		1/4	
1/2	2,553.39	1/2	2,190.94	1/2	1,828.50	1/2	1,466.05	1/2	1,103.60	1/2	740.14	1/2	375.20	1/2	23.10	1/2		1/2	
3/4	2,545.84	3/4	2,183.39	3/4	1,820.95	3/4	1,458.50	3/4	1,096.05	3/4	732.57	3/4	367.59	3/4	19.31	3/4		3/4	
4	2,538.29	4	2,175.84	4	1,813.40	4	1,450.95	4	1,088.50	4	724.99	4	359.98	1		4		4	
1/4	2,530.74	1/4	2,168.29	1/4	1,805.85	1/4	1,443.40	1/4	1,080.95	1/4	717.41	1/4	352.37	1/4		1/4		1/4	
1/2	2,523.19	1/2	2,160.74	1/2	1,798.29	1/2	1,435.85	1/2	1,073.40	1/2	709.83	1/2	344.76	1/2		1/2		1/2	
3/4	2,515.64	3/4	2,153.19	3/4	1,790.74	3/4	1,428.30	3/4	1,065.85	3/4	702.26	3/4	337.15	3/4		3/4		3/4	
5	2,508.09	5	2,145.64	5	1,783.19	5	1,420.75	5	1,058.30	5	694.68	5	329.54	5		5		5	
1/4	2,500.54	1/4	2,138.09	1/4	1,775.64	1/4	1,413.20	1/4	1,050.75	1/4	687.10	1/4	321.93	1/4		1/4		1/4	
1/2	2,492.98	1/2	2,130.54	1/2	1,768.09	1/2	1,405.64	1/2	1,043.19	1/2	679.52	1/2	314.32	1/2		1/2		1/2	
3/4	2,485.43	3/4	2,122.99	3/4	1,760.54	3/4	1,398.09	3/4	1,035.62	3/4	671.92	3/4	306.72	3/4		3/4		3/4	
6	2,477.88	6	2,115.44	6	1,752.99	6	1,390.54	6	1,028.05	6	664.32	6	299.11	6		6		6	
1/4	2,470.33	1/4	2,107.89	1/4	1,745.44	1/4	1,382.99	1/4	1,020.48	1/4	656.72	1/4	291.50	1/4		1/4		1/4	
1/2	2,462.78	1/2	2,100.33	1/2	1,737.88	1/2	1,375.44	1/2	1,012.91	1/2	649.12	1/2	283.89	1/2		1/2		1/2	
3/4	2,455.23	3/4	2,092.78	3/4	1,730.33	3/4	1,367.89	3/4	1,005.34	3/4	641.51	3/4	276.28	3/4		3/4		3/4	
7	2,447.68	7	2,085.23	7	1,722.78	7	1,360.34	7	997.76	7	633.90	7	268.67	7		7		7	
1/4	2,440.13	1/4	2,077.68	1/4	1,715.23	1/4	1,352.79	1/4	990.18	1/4	626.29	1/4	261.06	1/4		1/4		1/4	
1/2	2,432.58	1/2	2,070.13	1/2	1,707.68	1/2	1,345.23	1/2	982.60	1/2	618.68	1/2	253.45	1/2		1/2		1/2	
3/4	2,425.03	3/4	2,062.58	3/4	1,700.13	3/4	1,337.68	3/4	975.03	3/4	611.08	3/4	245.85	3/4		3/4		3/4	
8	2,417.48	8	2,055.03	8	1,692.58	8	1,330.13	8	967.45	8	603.47	8	238.24	8		8		8	
1/4	2,409.93	1/4	2,047.48	1/4	1,685.03	1/4	1,322.58	1/4	959.88	1/4	595.86	1/4	230.63	1/4		1/4		1/4	
1/2	2,402.37	1/2	2,039.92	1/2	1,677.48	1/2	1,315.03	1/2	952.30	1/2	588.25	1/2	223.02	1/2		1/2		1/2	
3/4	2,394.82	3/4	2,032.37	3/4	1,669.93	3/4	1,307.48	3/4	944.73	3/4	580.64	3/4	215.41	3/4		3/4		3/4	
9	2,387.27	9	2,024.82	9	1,662.38	9	1,299.93	9	937.15	9	573.03	9	207.80	9		9		9	
1/4	2,379.72	1/4	2,017.27	1/4	1,654.83	1/4	1,292.38	1/4	929.57	1/4	565.42	1/4	200.19	1/4		1/4		1/4	
1/2	2,372.17	1/2	2,009.72	1/2	1,647.27	1/2	1,284.83	1/2	921.99	1/2	557.81	1/2	192.58	1/2		1/2		1/2	
3/4	2,364.62	3/4	2,002.17	3/4	1,639.72	3/4	1,277.28	3/4	914.42	3/4	550.21	3/4	185.15	3/4		3/4		3/4	
10	2,357.07	10	1,994.62	10	1,632.17	10	1,269.73	10	906.84	10	542.60	10	177.72	10		10		10	
1/4	2,349.52	1/4	1,987.07	1/4	1,624.62	1/4	1,262.18	1/4	899.26	1/4	534.99	1/4	170.29	1/4		1/4		1/4	
1/2	2,341.96	1/2	1,979.52	1/2	1,617.07	1/2	1,254.62	1/2	891.68	1/2	527.38	1/2	162.86	1/2		1/2		1/2	
3/4	2,334.41	3/4	1,971.97	3/4	1,609.52	3/4	1,247.07	3/4	884.11	3/4	519.77	3/4	155.50	3/4		3/4		3/4	
11	2,326.86	11	1,964.42	11	1,601.97	11	1,239.52	11	876.53	11	512.16	11	148.13	11		11		11	
1/4	2,319.31	1/4	1,956.87	1/4	1,594.42	1/4	1,231.97	1/4	868.95	1/4	504.55	1/4	140.76	1/4		1/4		1/4	
1/2	2,311.76	1/2	1,949.31	1/2	1,586.87	1/2	1,224.42	1/2	861.37	1/2	496.94	1/2	133.39	1/2		1/2		1/2	
3/4	2,304.21	3/4	1,941.76	3/4	1,579.32	3/4	1,216.87	3/4	853.80	3/4	489.33	3/4	126.02	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2011 INSP
RECALCULATED: 03/15/2019 CL
VERIFIED: 02/28/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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



BARGE "HTCO 3083"

FWD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,346	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	916	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,823	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	944	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,851	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	972	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,879	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,449	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	570	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,477	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	598	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,505	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	626	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,533	5	1,982	5		5		5		5		5	
1/4	196	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,103	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,010	3/4		3/4		3/4		3/4		3/4	
6	224	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,131	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,159	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	729	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,636	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	757	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,664	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	785	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,692	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	383	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,290	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	411	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,318	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	439	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 02/28/2024 JS
 CALCULATED: 02/28/2024 CL
 VERIFIED: 02/28/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3083"

AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,346	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	916	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,823	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	944	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,851	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	972	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,879	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,449	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	570	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,477	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	598	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,505	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	626	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,533	5	1,982	5		5		5		5		5	
1/4	196	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,103	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,010	3/4		3/4		3/4		3/4		3/4	
6	224	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,131	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,159	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	729	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,636	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	757	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,664	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	785	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,692	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	383	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,290	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	411	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,318	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	439	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 02/28/2024 JS
 CALCULATED: 02/28/2024 CL
 VERIFIED: 02/28/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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