



BARGE "HTCO 3107"

ULLAGE (HERMETIC)

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-09"

November 6, 2023

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

<http://www.pmacorp.net>



BARGE "HTCO 3107"

1 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	4,704.72	0	4,347.80	0	3,989.61	0	3,631.33	0	3,273.05	0	2,914.76
1/4		1/4		1/4		1/4		1/4	4,697.31	1/4	4,340.36	1/4	3,982.15	1/4	3,623.86	1/4	3,265.58	1/4	2,907.29
1/2		1/2		1/2		1/2		1/2	4,689.91	1/2	4,332.91	1/2	3,974.68	1/2	3,616.40	1/2	3,258.12	1/2	2,899.83
3/4		3/4		3/4		3/4		3/4	4,682.51	3/4	4,325.46	3/4	3,967.22	3/4	3,608.94	3/4	3,250.65	3/4	2,892.36
1		1		1		1		1	4,675.11	1	4,318.01	1	3,959.75	1	3,601.47	1	3,243.19	1	2,884.89
1/4		1/4		1/4		1/4		1/4	5,011.41	1/4	4,667.70	1/4	4,310.56	1/4	3,952.29	1/4	3,594.01	1/4	3,235.73
1/2		1/2		1/2		1/2		1/2	5,006.67	1/2	4,660.30	1/2	4,303.11	1/2	3,944.82	1/2	3,586.54	1/2	3,228.26
3/4		3/4		3/4		3/4		3/4	5,000.86	3/4	4,652.88	3/4	4,295.64	3/4	3,937.36	3/4	3,579.08	3/4	3,220.80
2		2		2		2		2	4,995.06	2	4,645.45	2	4,288.18	2	3,929.90	2	3,571.61	2	3,213.33
1/4		1/4		1/4		1/4		1/4	4,989.25	1/4	4,638.03	1/4	4,280.71	1/4	3,922.43	1/4	3,564.15	1/4	3,205.87
1/2		1/2		1/2		1/2		1/2	4,983.44	1/2	4,630.61	1/2	4,273.25	1/2	3,914.97	1/2	3,556.69	1/2	3,198.40
3/4		3/4		3/4		3/4		3/4	4,976.64	3/4	4,623.17	3/4	4,265.78	3/4	3,907.50	3/4	3,549.22	3/4	3,190.94
3		3		3		3		3	4,969.83	3	4,615.72	3	4,258.32	3	3,900.04	3	3,541.76	3	3,183.48
1/4		1/4		1/4		1/4		1/4	4,963.02	1/4	4,608.28	1/4	4,250.86	1/4	3,892.57	1/4	3,534.29	1/4	3,176.01
1/2		1/2		1/2		1/2		1/2	4,956.21	1/2	4,600.84	1/2	4,243.39	1/2	3,885.11	1/2	3,526.83	1/2	3,168.55
3/4		3/4		3/4		3/4		3/4	4,948.87	3/4	4,593.40	3/4	4,235.93	3/4	3,877.65	3/4	3,519.36	3/4	3,161.08
4		4		4		4		4	4,941.53	4	4,585.96	4	4,228.46	4	3,870.18	4	3,511.90	4	3,153.62
1/4		1/4		1/4		1/4		1/4	4,934.19	1/4	4,578.51	1/4	4,221.00	1/4	3,862.72	1/4	3,504.44	1/4	3,146.15
1/2		1/2		1/2		1/2		1/2	4,926.85	1/2	4,571.07	1/2	4,213.54	1/2	3,855.25	1/2	3,496.97	1/2	3,138.69
3/4		3/4		3/4		3/4		3/4	4,919.44	3/4	4,563.63	3/4	4,206.07	3/4	3,847.79	3/4	3,489.51	3/4	3,131.23
5		5		5		5		5	4,912.04	5	4,556.19	5	4,198.61	5	3,840.33	5	3,482.04	5	3,123.76
1/4		1/4		1/4		1/4		1/4	4,904.63	1/4	4,548.74	1/4	4,191.14	1/4	3,832.86	1/4	3,474.58	1/4	3,116.30
1/2		1/2		1/2		1/2		1/2	4,897.22	1/2	4,541.30	1/2	4,183.68	1/2	3,825.40	1/2	3,467.12	1/2	3,108.83
3/4		3/4		3/4		3/4		3/4	4,889.82	3/4	4,533.86	3/4	4,176.21	3/4	3,817.93	3/4	3,459.65	3/4	3,101.37
6		6		6		6		6	4,882.41	6	4,526.42	6	4,168.75	6	3,810.47	6	3,452.19	6	3,093.91
1/4		1/4		1/4		1/4		1/4	4,875.00	1/4	4,518.97	1/4	4,161.29	1/4	3,803.00	1/4	3,444.72	1/4	3,086.44
1/2		1/2		1/2		1/2		1/2	4,867.60	1/2	4,511.53	1/2	4,153.82	1/2	3,795.54	1/2	3,437.26	1/2	3,078.98
3/4		3/4		3/4		3/4		3/4	4,860.19	3/4	4,504.09	3/4	4,146.36	3/4	3,788.08	3/4	3,429.79	3/4	3,071.51
7		7		7		7		7	4,852.78	7	4,496.65	7	4,138.89	7	3,780.61	7	3,422.33	7	3,064.05
1/4		1/4		1/4		1/4		1/4	4,845.38	1/4	4,489.20	1/4	4,131.43	1/4	3,773.15	1/4	3,414.87	1/4	3,056.58
1/2		1/2		1/2		1/2		1/2	4,837.97	1/2	4,481.76	1/2	4,123.97	1/2	3,765.68	1/2	3,407.40	1/2	3,049.12
3/4		3/4		3/4		3/4		3/4	4,830.57	3/4	4,474.32	3/4	4,116.50	3/4	3,758.22	3/4	3,399.94	3/4	3,041.66
8		8		8		8		8	4,823.16	8	4,466.88	8	4,109.04	8	3,750.76	8	3,392.47	8	3,034.19
1/4		1/4		1/4		1/4		1/4	4,815.76	1/4	4,459.43	1/4	4,101.57	1/4	3,743.29	1/4	3,385.01	1/4	3,026.73
1/2		1/2		1/2		1/2		1/2	4,808.35	1/2	4,451.99	1/2	4,094.11	1/2	3,735.83	1/2	3,377.55	1/2	3,019.26
3/4		3/4		3/4		3/4		3/4	4,800.95	3/4	4,444.55	3/4	4,086.64	3/4	3,728.36	3/4	3,370.08	3/4	3,011.80
9		9		9		9		9	4,793.55	9	4,437.11	9	4,079.18	9	3,720.90	9	3,362.62	9	3,004.34
1/4		1/4		1/4		1/4		1/4	4,786.14	1/4	4,429.66	1/4	4,071.72	1/4	3,713.43	1/4	3,355.15	1/4	2,996.87
1/2		1/2		1/2		1/2		1/2	4,778.74	1/2	4,422.22	1/2	4,064.25	1/2	3,705.97	1/2	3,347.69	1/2	2,989.41
3/4		3/4		3/4		3/4		3/4	4,771.34	3/4	4,414.78	3/4	4,056.79	3/4	3,698.51	3/4	3,340.22	3/4	2,981.94
10		10		10		10		10	4,763.94	10	4,407.34	10	4,049.32	10	3,691.04	10	3,332.76	10	2,974.48
1/4		1/4		1/4		1/4		1/4	4,756.53	1/4	4,399.90	1/4	4,041.86	1/4	3,683.58	1/4	3,325.30	1/4	2,967.01
1/2		1/2		1/2		1/2		1/2	4,749.13	1/2	4,392.45	1/2	4,034.39	1/2	3,676.11	1/2	3,317.83	1/2	2,959.55
3/4		3/4		3/4		3/4		3/4	4,741.73	3/4	4,385.01	3/4	4,026.93	3/4	3,668.65	3/4	3,310.37	3/4	2,952.09
11		11		11		11		11	4,734.33	11	4,377.57	11	4,019.47	11	3,661.18	11	3,302.90	11	2,944.62
1/4		1/4		1/4		1/4		1/4	4,726.92	1/4	4,370.13	1/4	4,012.00	1/4	3,653.72	1/4	3,295.44	1/4	2,937.16
1/2		1/2		1/2		1/2		1/2	4,719.52	1/2	4,362.68	1/2	4,004.54	1/2	3,646.26	1/2	3,287.97	1/2	2,929.69
3/4		3/4		3/4		3/4		3/4	4,712.12	3/4	4,355.24	3/4	3,997.07	3/4	3,638.79	3/4	3,280.51	3/4	2,922.23

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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 3107"

1 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	2,556.29	0	2,197.82	0	1,839.34	0	1,480.87	0	1,122.43	0	766.09	0	411.87	0	95.67	0			
1/4	2,548.82	1/4	2,190.35	1/4	1,831.88	1/4	1,473.40	1/4	1,114.97	1/4	758.65	1/4	404.81	1/4	89.55	1/4		1/4	
1/2	2,541.36	1/2	2,182.88	1/2	1,824.41	1/2	1,465.93	1/2	1,107.52	1/2	751.21	1/2	397.75	1/2	83.44	1/2		1/2	
3/4	2,533.89	3/4	2,175.41	3/4	1,816.94	3/4	1,458.47	3/4	1,100.08	3/4	743.74	3/4	390.78	3/4	77.41	3/4		3/4	
1	2,526.42	1	2,167.95	1	1,809.47	1	1,451.00	1	1,092.64	1	736.27	1	383.80	1	71.37	1		1	
1/4	2,518.95	1/4	2,160.48	1/4	1,802.00	1/4	1,443.53	1/4	1,085.20	1/4	728.80	1/4	376.82	1/4	65.34	1/4		1/4	
1/2	2,511.48	1/2	2,153.01	1/2	1,794.54	1/2	1,436.06	1/2	1,077.77	1/2	721.34	1/2	369.84	1/2	59.31	1/2		1/2	
3/4	2,504.01	3/4	2,145.54	3/4	1,787.07	3/4	1,428.59	3/4	1,070.33	3/4	713.87	3/4	362.94	3/4	53.82	3/4		3/4	
2	2,496.55	2	2,138.07	2	1,779.60	2	1,421.13	2	1,062.90	2	706.40	2	356.04	2	48.34	2		2	
1/4	2,489.08	1/4	2,130.60	1/4	1,772.13	1/4	1,413.66	1/4	1,055.47	1/4	698.93	1/4	349.13	1/4	42.85	1/4		1/4	
1/2	2,481.61	1/2	2,123.14	1/2	1,764.66	1/2	1,406.19	1/2	1,048.04	1/2	691.46	1/2	342.23	1/2	37.37	1/2		1/2	
3/4	2,474.14	3/4	2,115.67	3/4	1,757.19	3/4	1,398.72	3/4	1,040.62	3/4	684.00	3/4	335.40	3/4	33.37	3/4		3/4	
3	2,466.67	3	2,108.20	3	1,749.73	3	1,391.25	3	1,033.19	3	676.53	3	328.57	3	29.36	3		3	
1/4	2,459.20	1/4	2,100.73	1/4	1,742.26	1/4	1,383.78	1/4	1,025.77	1/4	669.06	1/4	321.74	1/4	25.36	1/4		1/4	
1/2	2,451.74	1/2	2,093.26	1/2	1,734.79	1/2	1,376.32	1/2	1,018.34	1/2	661.59	1/2	314.91	1/2	21.36	1/2		1/2	
3/4	2,444.27	3/4	2,085.79	3/4	1,727.32	3/4	1,368.85	3/4	1,010.92	3/4	654.12	3/4	308.16	3/4	18.44	3/4		3/4	
4	2,436.80	4	2,078.33	4	1,719.85	4	1,361.38	4	1,003.50	4	646.66	4	301.41	4		4		4	
1/4	2,429.33	1/4	2,070.86	1/4	1,712.38	1/4	1,353.91	1/4	996.08	1/4	639.19	1/4	294.66	1/4		1/4		1/4	
1/2	2,421.86	1/2	2,063.39	1/2	1,704.92	1/2	1,346.44	1/2	988.66	1/2	631.72	1/2	287.92	1/2		1/2		1/2	
3/4	2,414.40	3/4	2,055.92	3/4	1,697.45	3/4	1,338.97	3/4	981.24	3/4	624.25	3/4	281.25	3/4		3/4		3/4	
5	2,406.93	5	2,048.45	5	1,689.98	5	1,331.51	5	973.82	5	616.78	5	274.58	5		5		5	
1/4	2,399.46	1/4	2,040.99	1/4	1,682.51	1/4	1,324.04	1/4	966.41	1/4	609.32	1/4	267.91	1/4		1/4		1/4	
1/2	2,391.99	1/2	2,033.52	1/2	1,675.04	1/2	1,316.57	1/2	958.99	1/2	601.85	1/2	261.24	1/2		1/2		1/2	
3/4	2,384.52	3/4	2,026.05	3/4	1,667.58	3/4	1,309.10	3/4	951.57	3/4	594.38	3/4	254.65	3/4		3/4		3/4	
6	2,377.05	6	2,018.58	6	1,660.11	6	1,301.63	6	944.16	6	586.91	6	248.07	6		6		6	
1/4	2,369.59	1/4	2,011.11	1/4	1,652.64	1/4	1,294.17	1/4	936.74	1/4	579.44	1/4	241.48	1/4		1/4		1/4	
1/2	2,362.12	1/2	2,003.64	1/2	1,645.17	1/2	1,286.70	1/2	929.32	1/2	571.98	1/2	234.89	1/2		1/2		1/2	
3/4	2,354.65	3/4	1,996.18	3/4	1,637.70	3/4	1,279.23	3/4	921.90	3/4	564.53	3/4	228.39	3/4		3/4		3/4	
7	2,347.18	7	1,988.71	7	1,630.23	7	1,271.76	7	914.49	7	557.08	7	221.88	7		7		7	
1/4	2,339.71	1/4	1,981.24	1/4	1,622.77	1/4	1,264.29	1/4	907.07	1/4	549.64	1/4	215.38	1/4		1/4		1/4	
1/2	2,332.25	1/2	1,973.77	1/2	1,615.30	1/2	1,256.82	1/2	899.65	1/2	542.19	1/2	208.87	1/2		1/2		1/2	
3/4	2,324.78	3/4	1,966.30	3/4	1,607.83	3/4	1,249.36	3/4	892.24	3/4	534.81	3/4	202.45	3/4		3/4		3/4	
8	2,317.31	8	1,958.84	8	1,600.36	8	1,241.89	8	884.82	8	527.43	8	196.02	8		8		8	
1/4	2,309.84	1/4	1,951.37	1/4	1,592.89	1/4	1,234.42	1/4	877.40	1/4	520.04	1/4	189.60	1/4		1/4		1/4	
1/2	2,302.37	1/2	1,943.90	1/2	1,585.43	1/2	1,226.95	1/2	869.98	1/2	512.66	1/2	183.18	1/2		1/2		1/2	
3/4	2,294.90	3/4	1,936.43	3/4	1,577.96	3/4	1,219.48	3/4	862.57	3/4	505.36	3/4	176.83	3/4		3/4		3/4	
9	2,287.44	9	1,928.96	9	1,570.49	9	1,212.02	9	855.15	9	498.05	9	170.48	9		9		9	
1/4	2,279.97	1/4	1,921.49	1/4	1,563.02	1/4	1,204.55	1/4	847.73	1/4	490.75	1/4	164.13	1/4		1/4		1/4	
1/2	2,272.50	1/2	1,914.03	1/2	1,555.55	1/2	1,197.08	1/2	840.31	1/2	483.45	1/2	157.78	1/2		1/2		1/2	
3/4	2,265.03	3/4	1,906.56	3/4	1,548.08	3/4	1,189.61	3/4	832.90	3/4	476.22	3/4	151.50	3/4		3/4		3/4	
10	2,257.56	10	1,899.09	10	1,540.62	10	1,182.14	10	825.48	10	469.00	10	145.23	10		10		10	
1/4	2,250.10	1/4	1,891.62	1/4	1,533.15	1/4	1,174.67	1/4	818.06	1/4	461.78	1/4	138.95	1/4		1/4		1/4	
1/2	2,242.63	1/2	1,884.15	1/2	1,525.68	1/2	1,167.21	1/2	810.65	1/2	454.56	1/2	132.68	1/2		1/2		1/2	
3/4	2,235.16	3/4	1,876.69	3/4	1,518.21	3/4	1,159.74	3/4	803.23	3/4	447.41	3/4	126.48	3/4		3/4		3/4	
11	2,227.69	11	1,869.22	11	1,510.74	11	1,152.27	11	795.81	11	440.27	11	120.29	11		11		11	
1/4	2,220.22	1/4	1,861.75	1/4	1,503.28	1/4	1,144.80	1/4	788.39	1/4	433.13	1/4	114.09	1/4		1/4		1/4	
1/2	2,212.75	1/2	1,854.28	1/2	1,495.81	1/2	1,137.33	1/2	780.98	1/2	425.99	1/2	107.90	1/2		1/2		1/2	
3/4	2,205.29	3/4	1,846.81	3/4	1,488.34	3/4	1,129.88	3/4	773.53	3/4	418.93	3/4	101.78	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/15/2018 CL
VERIFIED: 11/06/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "HTCO 3107"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,698.99	0	4,342.03	0	3,983.82	0	3,625.54	0	3,267.27	0	2,909.00
1/4		1/4		1/4		1/4		1/4	4,691.58	1/4	4,334.59	1/4	3,976.35	1/4	3,618.08	1/4	3,259.81	1/4	2,901.53
1/2		1/2		1/2		1/2		1/2	4,684.18	1/2	4,327.13	1/2	3,968.89	1/2	3,610.62	1/2	3,252.34	1/2	2,894.07
3/4		3/4		3/4		3/4		3/4	4,676.78	3/4	4,319.68	3/4	3,961.42	3/4	3,603.15	3/4	3,244.88	3/4	2,886.60
1		1		1		1	5,013.06	1	4,669.37	1	4,312.22	1	3,953.96	1	3,595.69	1	3,237.42	1	2,879.13
1/4		1/4		1/4		1/4	5,008.32	1/4	4,661.97	1/4	4,304.77	1/4	3,946.50	1/4	3,588.22	1/4	3,229.95	1/4	2,871.66
1/2		1/2		1/2		1/2	5,002.52	1/2	4,654.55	1/2	4,297.30	1/2	3,939.03	1/2	3,580.76	1/2	3,222.49	1/2	2,864.19
3/4		3/4		3/4		3/4	4,996.71	3/4	4,647.13	3/4	4,289.84	3/4	3,931.57	3/4	3,573.30	3/4	3,215.02	3/4	2,856.73
2		2		2		2	4,990.90	2	4,639.70	2	4,282.38	2	3,924.10	2	3,565.83	2	3,207.56	2	2,849.26
1/4		1/4		1/4		1/4	4,985.10	1/4	4,632.28	1/4	4,274.91	1/4	3,916.64	1/4	3,558.37	1/4	3,200.10	1/4	2,841.79
1/2		1/2		1/2		1/2	4,978.29	1/2	4,624.84	1/2	4,267.45	1/2	3,909.18	1/2	3,550.90	1/2	3,192.63	1/2	2,834.32
3/4		3/4		3/4		3/4	4,971.49	3/4	4,617.40	3/4	4,259.98	3/4	3,901.71	3/4	3,543.44	3/4	3,185.17	3/4	2,826.85
3		3		3		3	4,964.68	3	4,609.95	3	4,252.52	3	3,894.25	3	3,535.98	3	3,177.70	3	2,819.39
1/4		1/4		1/4		1/4	4,957.88	1/4	4,602.51	1/4	4,245.06	1/4	3,886.78	1/4	3,528.51	1/4	3,170.24	1/4	2,811.92
1/2		1/2		1/2		1/2	4,950.54	1/2	4,595.07	1/2	4,237.59	1/2	3,879.32	1/2	3,521.05	1/2	3,162.78	1/2	2,804.45
3/4		3/4		3/4		3/4	4,943.20	3/4	4,587.63	3/4	4,230.13	3/4	3,871.86	3/4	3,513.58	3/4	3,155.31	3/4	2,796.98
4		4		4		4	4,935.86	4	4,580.19	4	4,222.66	4	3,864.39	4	3,506.12	4	3,147.85	4	2,789.51
1/4		1/4		1/4		1/4	4,928.52	1/4	4,572.74	1/4	4,215.20	1/4	3,856.93	1/4	3,498.66	1/4	3,140.38	1/4	2,782.04
1/2		1/2		1/2		1/2	4,921.11	1/2	4,565.30	1/2	4,207.74	1/2	3,849.46	1/2	3,491.19	1/2	3,132.92	1/2	2,774.58
3/4		3/4		3/4		3/4	4,913.71	3/4	4,557.86	3/4	4,200.27	3/4	3,842.00	3/4	3,483.73	3/4	3,125.46	3/4	2,767.11
5		5		5		5	4,906.30	5	4,550.42	5	4,192.81	5	3,834.54	5	3,476.26	5	3,117.99	5	2,759.64
1/4		1/4		1/4		1/4	4,898.89	1/4	4,542.97	1/4	4,185.34	1/4	3,827.07	1/4	3,468.80	1/4	3,110.53	1/4	2,752.17
1/2		1/2		1/2		1/2	4,891.49	1/2	4,535.53	1/2	4,177.88	1/2	3,819.61	1/2	3,461.34	1/2	3,103.06	1/2	2,744.70
3/4		3/4		3/4		3/4	4,884.08	3/4	4,528.09	3/4	4,170.42	3/4	3,812.14	3/4	3,453.87	3/4	3,095.60	3/4	2,737.24
6		6		6		6	4,876.67	6	4,520.65	6	4,162.95	6	3,804.68	6	3,446.41	6	3,088.14	6	2,729.77
1/4		1/4		1/4		1/4	4,869.27	1/4	4,513.20	1/4	4,155.49	1/4	3,797.22	1/4	3,438.94	1/4	3,080.67	1/4	2,722.30
1/2		1/2		1/2		1/2	4,861.86	1/2	4,505.76	1/2	4,148.02	1/2	3,789.75	1/2	3,431.48	1/2	3,073.21	1/2	2,714.83
3/4		3/4		3/4		3/4	4,854.45	3/4	4,498.32	3/4	4,140.56	3/4	3,782.29	3/4	3,424.02	3/4	3,065.74	3/4	2,707.36
7		7		7		7	4,847.05	7	4,490.88	7	4,133.10	7	3,774.82	7	3,416.55	7	3,058.28	7	2,699.90
1/4		1/4		1/4		1/4	4,839.64	1/4	4,483.44	1/4	4,125.63	1/4	3,767.36	1/4	3,409.09	1/4	3,050.82	1/4	2,692.43
1/2		1/2		1/2		1/2	4,832.24	1/2	4,475.99	1/2	4,118.17	1/2	3,759.90	1/2	3,401.62	1/2	3,043.35	1/2	2,684.96
3/4		3/4		3/4		3/4	4,824.83	3/4	4,468.55	3/4	4,110.70	3/4	3,752.43	3/4	3,394.16	3/4	3,035.89	3/4	2,677.49
8		8		8		8	4,817.43	8	4,461.11	8	4,103.24	8	3,744.97	8	3,386.70	8	3,028.42	8	2,670.02
1/4		1/4		1/4		1/4	4,810.02	1/4	4,453.67	1/4	4,095.78	1/4	3,737.50	1/4	3,379.23	1/4	3,020.96	1/4	2,662.56
1/2		1/2		1/2		1/2	4,802.62	1/2	4,446.22	1/2	4,088.31	1/2	3,730.04	1/2	3,371.77	1/2	3,013.50	1/2	2,655.09
3/4		3/4		3/4		3/4	4,795.22	3/4	4,438.78	3/4	4,080.85	3/4	3,722.58	3/4	3,364.30	3/4	3,006.03	3/4	2,647.62
9		9		9		9	4,787.82	9	4,431.34	9	4,073.38	9	3,715.11	9	3,356.84	9	2,998.57	9	2,640.15
1/4		1/4		1/4		1/4	4,780.41	1/4	4,423.90	1/4	4,065.92	1/4	3,707.65	1/4	3,349.38	1/4	2,991.10	1/4	2,632.68
1/2		1/2		1/2		1/2	4,773.01	1/2	4,416.46	1/2	4,058.46	1/2	3,700.18	1/2	3,341.91	1/2	2,983.64	1/2	2,625.21
3/4		3/4		3/4		3/4	4,765.61	3/4	4,409.01	3/4	4,050.99	3/4	3,692.72	3/4	3,334.45	3/4	2,976.18	3/4	2,617.75
10		10		10		10	4,758.21	10	4,401.57	10	4,043.53	10	3,685.26	10	3,326.98	10	2,968.71	10	2,610.28
1/4		1/4		1/4		1/4	4,750.80	1/4	4,394.13	1/4	4,036.06	1/4	3,677.79	1/4	3,319.52	1/4	2,961.25	1/4	2,602.81
1/2		1/2		1/2		1/2	4,743.40	1/2	4,386.69	1/2	4,028.60	1/2	3,670.33	1/2	3,312.06	1/2	2,953.78	1/2	2,595.34
3/4		3/4		3/4		3/4	4,736.00	3/4	4,379.24	3/4	4,021.14	3/4	3,662.86	3/4	3,304.59	3/4	2,946.32	3/4	2,587.87
11		11		11		11	4,728.60	11	4,371.80	11	4,013.67	11	3,655.40	11	3,297.13	11	2,938.86	11	2,580.41
1/4		1/4		1/4		1/4	4,721.19	1/4	4,364.36	1/4	4,006.21	1/4	3,647.94	1/4	3,289.66	1/4	2,931.39	1/4	2,572.94
1/2		1/2		1/2		1/2	4,713.79	1/2	4,356.92	1/2	3,998.74	1/2	3,640.47	1/2	3,282.20	1/2	2,923.93	1/2	2,565.47
3/4		3/4		3/4		3/4	4,706.39	3/4	4,349.47	3/4	3,991.28	3/4	3,633.01	3/4	3,274.74	3/4	2,916.46	3/4	2,558.00

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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 3107"

1 STBD 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	2,550.53	0	2,192.06	0	1,833.60	0	1,475.13	0	1,116.66	0	758.68	0	404.88	0	89.58	0		0	
1/4	2,543.07	1/4	2,184.60	1/4	1,826.13	1/4	1,467.66	1/4	1,109.19	1/4	751.22	1/4	397.82	1/4	83.46	1/4		1/4	
1/2	2,535.60	1/2	2,177.13	1/2	1,818.66	1/2	1,460.19	1/2	1,101.72	1/2	743.75	1/2	390.85	1/2	77.43	1/2		1/2	
3/4	2,528.13	3/4	2,169.66	3/4	1,811.19	3/4	1,452.72	3/4	1,094.25	3/4	736.28	3/4	383.87	3/4	71.39	3/4		3/4	
1	2,520.66	1	2,162.19	1	1,803.72	1	1,445.25	1	1,086.79	1	728.82	1	376.89	1	65.36	1		1	
1/4	2,513.19	1/4	2,154.72	1/4	1,796.26	1/4	1,437.79	1/4	1,079.32	1/4	721.35	1/4	369.91	1/4	59.32	1/4		1/4	
1/2	2,505.72	1/2	2,147.26	1/2	1,788.79	1/2	1,430.32	1/2	1,071.85	1/2	713.88	1/2	363.01	1/2	53.84	1/2		1/2	
3/4	2,498.26	3/4	2,139.79	3/4	1,781.32	3/4	1,422.85	3/4	1,064.39	3/4	706.41	3/4	356.10	3/4	48.35	3/4		3/4	
2	2,490.79	2	2,132.32	2	1,773.85	2	1,415.38	2	1,056.92	2	698.94	2	349.20	2	42.87	2		2	
1/4	2,483.32	1/4	2,124.85	1/4	1,766.38	1/4	1,407.91	1/4	1,049.46	1/4	691.48	1/4	342.30	1/4	37.38	1/4		1/4	
1/2	2,475.85	1/2	2,117.38	1/2	1,758.91	1/2	1,400.45	1/2	1,042.00	1/2	684.01	1/2	335.47	1/2	33.37	1/2		1/2	
3/4	2,468.38	3/4	2,109.92	3/4	1,751.45	3/4	1,392.98	3/4	1,034.54	3/4	676.54	3/4	328.64	3/4	29.37	3/4		3/4	
3	2,460.92	3	2,102.45	3	1,743.98	3	1,385.51	3	1,027.07	3	669.07	3	321.81	3	25.37	3		3	
1/4	2,453.45	1/4	2,094.98	1/4	1,736.51	1/4	1,378.04	1/4	1,019.61	1/4	661.61	1/4	314.98	1/4	21.36	1/4		1/4	
1/2	2,445.98	1/2	2,087.51	1/2	1,729.04	1/2	1,370.57	1/2	1,012.15	1/2	654.14	1/2	308.23	1/2	18.45	1/2		1/2	
3/4	2,438.51	3/4	2,080.04	3/4	1,721.57	3/4	1,363.11	3/4	1,004.70	3/4	646.67	3/4	301.48	3/4		3/4		3/4	
4	2,431.04	4	2,072.58	4	1,714.11	4	1,355.64	4	997.24	4	639.20	4	294.73	4		4		4	
1/4	2,423.58	1/4	2,065.11	1/4	1,706.64	1/4	1,348.17	1/4	989.78	1/4	631.73	1/4	287.98	1/4		1/4		1/4	
1/2	2,416.11	1/2	2,057.64	1/2	1,699.17	1/2	1,340.70	1/2	982.33	1/2	624.27	1/2	281.31	1/2		1/2		1/2	
3/4	2,408.64	3/4	2,050.17	3/4	1,691.70	3/4	1,333.23	3/4	974.87	3/4	616.80	3/4	274.64	3/4		3/4		3/4	
5	2,401.17	5	2,042.70	5	1,684.23	5	1,325.77	5	967.42	5	609.33	5	267.97	5		5		5	
1/4	2,393.70	1/4	2,035.23	1/4	1,676.77	1/4	1,318.30	1/4	959.96	1/4	601.86	1/4	261.30	1/4		1/4		1/4	
1/2	2,386.24	1/2	2,027.77	1/2	1,669.30	1/2	1,310.83	1/2	952.51	1/2	594.39	1/2	254.71	1/2		1/2		1/2	
3/4	2,378.77	3/4	2,020.30	3/4	1,661.83	3/4	1,303.36	3/4	945.06	3/4	586.93	3/4	248.12	3/4		3/4		3/4	
6	2,371.30	6	2,012.83	6	1,654.36	6	1,295.89	6	937.60	6	579.46	6	241.53	6		6		6	
1/4	2,363.83	1/4	2,005.36	1/4	1,646.89	1/4	1,288.42	1/4	930.15	1/4	571.99	1/4	234.95	1/4		1/4		1/4	
1/2	2,356.36	1/2	1,997.89	1/2	1,639.43	1/2	1,280.96	1/2	922.69	1/2	564.55	1/2	228.44	1/2		1/2		1/2	
3/4	2,348.89	3/4	1,990.43	3/4	1,631.96	3/4	1,273.49	3/4	915.24	3/4	557.11	3/4	221.93	3/4		3/4		3/4	
7	2,341.43	7	1,982.96	7	1,624.49	7	1,266.02	7	907.78	7	549.66	7	215.43	7		7		7	
1/4	2,333.96	1/4	1,975.49	1/4	1,617.02	1/4	1,258.55	1/4	900.33	1/4	542.22	1/4	208.92	1/4		1/4		1/4	
1/2	2,326.49	1/2	1,968.02	1/2	1,609.55	1/2	1,251.08	1/2	892.88	1/2	534.85	1/2	202.50	1/2		1/2		1/2	
3/4	2,319.02	3/4	1,960.55	3/4	1,602.08	3/4	1,243.62	3/4	885.42	3/4	527.47	3/4	196.07	3/4		3/4		3/4	
8	2,311.55	8	1,953.09	8	1,594.62	8	1,236.15	8	877.97	8	520.09	8	189.65	8		8		8	
1/4	2,304.09	1/4	1,945.62	1/4	1,587.15	1/4	1,228.68	1/4	870.51	1/4	512.72	1/4	183.22	1/4		1/4		1/4	
1/2	2,296.62	1/2	1,938.15	1/2	1,579.68	1/2	1,221.21	1/2	863.06	1/2	505.42	1/2	176.87	1/2		1/2		1/2	
3/4	2,289.15	3/4	1,930.68	3/4	1,572.21	3/4	1,213.74	3/4	855.61	3/4	498.12	3/4	170.52	3/4		3/4		3/4	
9	2,281.68	9	1,923.21	9	1,564.74	9	1,206.28	9	848.15	9	490.82	9	164.17	9		9		9	
1/4	2,274.21	1/4	1,915.75	1/4	1,557.28	1/4	1,198.81	1/4	840.70	1/4	483.52	1/4	157.82	1/4		1/4		1/4	
1/2	2,266.75	1/2	1,908.28	1/2	1,549.81	1/2	1,191.34	1/2	833.24	1/2	476.30	1/2	151.54	1/2		1/2		1/2	
3/4	2,259.28	3/4	1,900.81	3/4	1,542.34	3/4	1,183.87	3/4	825.79	3/4	469.08	3/4	145.27	3/4		3/4		3/4	
10	2,251.81	10	1,893.34	10	1,534.87	10	1,176.40	10	818.33	10	461.85	10	138.99	10		10		10	
1/4	2,244.34	1/4	1,885.87	1/4	1,527.40	1/4	1,168.94	1/4	810.88	1/4	454.63	1/4	132.71	1/4		1/4		1/4	
1/2	2,236.87	1/2	1,878.40	1/2	1,519.94	1/2	1,161.47	1/2	803.43	1/2	447.49	1/2	126.52	1/2		1/2		1/2	
3/4	2,229.41	3/4	1,870.94	3/4	1,512.47	3/4	1,154.00	3/4	795.97	3/4	440.35	3/4	120.32	3/4		3/4		3/4	
11	2,221.94	11	1,863.47	11	1,505.00	11	1,146.53	11	788.52	11	433.21	11	114.12	11		11		11	
1/4	2,214.47	1/4	1,856.00	1/4	1,497.53	1/4	1,139.06	1/4	781.06	1/4	426.06	1/4	107.93	1/4		1/4		1/4	
1/2	2,207.00	1/2	1,848.53	1/2	1,490.06	1/2	1,131.59	1/2	773.60	1/2	419.00	1/2	101.81	1/2		1/2		1/2	
3/4	2,199.53	3/4	1,841.06	3/4	1,482.60	3/4	1,124.13	3/4	766.14	3/4	411.94	3/4	95.69	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/15/2018 CL
VERIFIED: 11/06/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "HTCO 3107"

2 PORT 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	4,756.53	0	4,398.91	0	4,040.06	0	3,681.17	0	3,322.28	0	2,963.39
1/4		1/4		1/4		1/4		1/4	4,749.11	1/4	4,391.44	1/4	4,032.58	1/4	3,673.69	1/4	3,314.81	1/4	2,955.91
1/2		1/2		1/2		1/2		1/2	4,741.70	1/2	4,383.97	1/2	4,025.10	1/2	3,666.22	1/2	3,307.33	1/2	2,948.43
3/4		3/4		3/4		3/4	5,078.58	3/4	4,734.28	3/4	4,376.51	3/4	4,017.63	3/4	3,658.74	3/4	3,299.85	3/4	2,940.95
1		1		1		1	5,073.84	1	4,726.86	1	4,369.04	1	4,010.15	1	3,651.26	1	3,292.38	1	2,933.46
1/4		1/4		1/4		1/4	5,068.02	1/4	4,719.43	1/4	4,361.56	1/4	4,002.67	1/4	3,643.79	1/4	3,284.90	1/4	2,925.98
1/2		1/2		1/2		1/2	5,062.20	1/2	4,711.99	1/2	4,354.08	1/2	3,995.20	1/2	3,636.31	1/2	3,277.42	1/2	2,918.50
3/4		3/4		3/4		3/4	5,056.39	3/4	4,704.56	3/4	4,346.60	3/4	3,987.72	3/4	3,628.83	3/4	3,269.95	3/4	2,911.02
2		2		2		2	5,050.57	2	4,697.12	2	4,339.13	2	3,980.24	2	3,621.36	2	3,262.47	2	2,903.54
1/4		1/4		1/4		1/4	5,043.75	1/4	4,689.67	1/4	4,331.65	1/4	3,972.76	1/4	3,613.88	1/4	3,254.99	1/4	2,896.06
1/2		1/2		1/2		1/2	5,036.93	1/2	4,682.21	1/2	4,324.17	1/2	3,965.29	1/2	3,606.40	1/2	3,247.52	1/2	2,888.58
3/4		3/4		3/4		3/4	5,030.11	3/4	4,674.76	3/4	4,316.70	3/4	3,957.81	3/4	3,598.92	3/4	3,240.04	3/4	2,881.10
3		3		3		3	5,023.29	3	4,667.30	3	4,309.22	3	3,950.33	3	3,591.45	3	3,232.56	3	2,873.62
1/4		1/4		1/4		1/4	5,015.94	1/4	4,659.85	1/4	4,301.74	1/4	3,942.86	1/4	3,583.97	1/4	3,225.08	1/4	2,866.14
1/2		1/2		1/2		1/2	5,008.59	1/2	4,652.39	1/2	4,294.27	1/2	3,935.38	1/2	3,576.49	1/2	3,217.61	1/2	2,858.66
3/4		3/4		3/4		3/4	5,001.23	3/4	4,644.94	3/4	4,286.79	3/4	3,927.90	3/4	3,569.02	3/4	3,210.13	3/4	2,851.18
4		4		4		4	4,993.88	4	4,637.48	4	4,279.31	4	3,920.43	4	3,561.54	4	3,202.65	4	2,843.69
1/4		1/4		1/4		1/4	4,986.46	1/4	4,630.03	1/4	4,271.84	1/4	3,912.95	1/4	3,554.06	1/4	3,195.18	1/4	2,836.21
1/2		1/2		1/2		1/2	4,979.04	1/2	4,622.57	1/2	4,264.36	1/2	3,905.47	1/2	3,546.59	1/2	3,187.70	1/2	2,828.73
3/4		3/4		3/4		3/4	4,971.62	3/4	4,615.12	3/4	4,256.88	3/4	3,898.00	3/4	3,539.11	3/4	3,180.22	3/4	2,821.25
5		5		5		5	4,964.20	5	4,607.66	5	4,249.41	5	3,890.52	5	3,531.63	5	3,172.75	5	2,813.77
1/4		1/4		1/4		1/4	4,956.78	1/4	4,600.20	1/4	4,241.93	1/4	3,883.04	1/4	3,524.16	1/4	3,165.27	1/4	2,806.29
1/2		1/2		1/2		1/2	4,949.36	1/2	4,592.75	1/2	4,234.45	1/2	3,875.57	1/2	3,516.68	1/2	3,157.79	1/2	2,798.81
3/4		3/4		3/4		3/4	4,941.94	3/4	4,585.29	3/4	4,226.98	3/4	3,868.09	3/4	3,509.20	3/4	3,150.32	3/4	2,791.33
6		6		6		6	4,934.52	6	4,577.84	6	4,219.50	6	3,860.61	6	3,501.73	6	3,142.84	6	2,783.85
1/4		1/4		1/4		1/4	4,927.10	1/4	4,570.38	1/4	4,212.02	1/4	3,853.14	1/4	3,494.25	1/4	3,135.36	1/4	2,776.37
1/2		1/2		1/2		1/2	4,919.68	1/2	4,562.93	1/2	4,204.55	1/2	3,845.66	1/2	3,486.77	1/2	3,127.89	1/2	2,768.89
3/4		3/4		3/4		3/4	4,912.26	3/4	4,555.47	3/4	4,197.07	3/4	3,838.18	3/4	3,479.30	3/4	3,120.41	3/4	2,761.40
7		7		7		7	4,904.84	7	4,548.02	7	4,189.59	7	3,830.71	7	3,471.82	7	3,112.93	7	2,753.92
1/4		1/4		1/4		1/4	4,897.43	1/4	4,540.56	1/4	4,182.12	1/4	3,823.23	1/4	3,464.34	1/4	3,105.46	1/4	2,746.44
1/2		1/2		1/2		1/2	4,890.01	1/2	4,533.11	1/2	4,174.64	1/2	3,815.75	1/2	3,456.87	1/2	3,097.98	1/2	2,738.96
3/4		3/4		3/4		3/4	4,882.59	3/4	4,525.65	3/4	4,167.16	3/4	3,808.28	3/4	3,449.39	3/4	3,090.50	3/4	2,731.48
8		8		8		8	4,875.18	8	4,518.20	8	4,159.68	8	3,800.80	8	3,441.91	8	3,083.03	8	2,724.00
1/4		1/4		1/4		1/4	4,867.76	1/4	4,510.74	1/4	4,152.21	1/4	3,793.32	1/4	3,434.44	1/4	3,075.55	1/4	2,716.52
1/2		1/2		1/2		1/2	4,860.35	1/2	4,503.29	1/2	4,144.73	1/2	3,785.84	1/2	3,426.96	1/2	3,068.07	1/2	2,709.04
3/4		3/4		3/4		3/4	4,852.93	3/4	4,495.83	3/4	4,137.25	3/4	3,778.37	3/4	3,419.48	3/4	3,060.60	3/4	2,701.56
9		9		9		9	4,845.51	9	4,488.38	9	4,129.78	9	3,770.89	9	3,412.00	9	3,053.12	9	2,694.08
1/4		1/4		1/4		1/4	4,838.10	1/4	4,480.92	1/4	4,122.30	1/4	3,763.41	1/4	3,404.53	1/4	3,045.64	1/4	2,686.60
1/2		1/2		1/2		1/2	4,830.68	1/2	4,473.47	1/2	4,114.82	1/2	3,755.94	1/2	3,397.05	1/2	3,038.16	1/2	2,679.11
3/4		3/4		3/4		3/4	4,823.27	3/4	4,466.01	3/4	4,107.35	3/4	3,748.46	3/4	3,389.57	3/4	3,030.69	3/4	2,671.63
10		10		10		10	4,815.85	10	4,458.56	10	4,099.87	10	3,740.98	10	3,382.10	10	3,023.21	10	2,664.15
1/4		1/4		1/4		1/4	4,808.44	1/4	4,451.10	1/4	4,092.39	1/4	3,733.51	1/4	3,374.62	1/4	3,015.73	1/4	2,656.67
1/2		1/2		1/2		1/2	4,801.02	1/2	4,443.65	1/2	4,084.92	1/2	3,726.03	1/2	3,367.14	1/2	3,008.26	1/2	2,649.19
3/4		3/4		3/4		3/4	4,793.60	3/4	4,436.19	3/4	4,077.44	3/4	3,718.55	3/4	3,359.67	3/4	3,000.78	3/4	2,641.71
11		11		11		11	4,786.19	11	4,428.74	11	4,069.96	11	3,711.08	11	3,352.19	11	2,993.30	11	2,634.23
1/4		1/4		1/4		1/4	4,778.77	1/4	4,421.28	1/4	4,062.49	1/4	3,703.60	1/4	3,344.71	1/4	2,985.83	1/4	2,626.75
1/2		1/2		1/2		1/2	4,771.36	1/2	4,413.82	1/2	4,055.01	1/2	3,696.12	1/2	3,337.24	1/2	2,978.35	1/2	2,619.27
3/4		3/4		3/4		3/4	4,763.94	3/4	4,406.37	3/4	4,047.53	3/4	3,688.65	3/4	3,329.76	3/4	2,970.87	3/4	2,611.79

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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 3107"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

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	2,604.31	0	2,245.22	0	1,886.14	0	1,527.06	0	1,168.54	0	823.24	0	464.17	0	105.09	0		0	
1/4	2,596.82	1/4	2,237.74	1/4	1,878.66	1/4	1,519.57	1/4	1,161.34	1/4	815.76	1/4	456.69	1/4	97.61	1/4		1/4	
1/2	2,589.34	1/2	2,230.26	1/2	1,871.18	1/2	1,512.09	1/2	1,154.14	1/2	808.28	1/2	449.21	1/2	90.13	1/2		1/2	
3/4	2,581.86	3/4	2,222.78	3/4	1,863.70	3/4	1,504.61	3/4	1,146.94	3/4	800.80	3/4	441.73	3/4	82.65	3/4		3/4	
1	2,574.38	1	2,215.30	1	1,856.22	1	1,497.13	1	1,139.74	1	793.32	1	434.24	1	75.17	1		1	
1/4	2,566.90	1/4	2,207.82	1/4	1,848.73	1/4	1,489.65	1/4	1,132.55	1/4	785.84	1/4	426.76	1/4	68.16	1/4		1/4	
1/2	2,559.42	1/2	2,200.34	1/2	1,841.25	1/2	1,482.17	1/2	1,125.36	1/2	778.36	1/2	419.28	1/2	61.15	1/2		1/2	
3/4	2,551.94	3/4	2,192.86	3/4	1,833.77	3/4	1,474.69	3/4	1,118.17	3/4	770.88	3/4	411.80	3/4	54.13	3/4		3/4	
2	2,544.46	2	2,185.37	2	1,826.29	2	1,467.21	2	1,110.98	2	763.40	2	404.32	2	47.12	2		2	
1/4	2,536.98	1/4	2,177.89	1/4	1,818.81	1/4	1,459.73	1/4	1,103.79	1/4	755.92	1/4	396.84	1/4	41.51	1/4		1/4	
1/2	2,529.50	1/2	2,170.41	1/2	1,811.33	1/2	1,452.25	1/2	1,096.61	1/2	748.43	1/2	389.36	1/2	35.90	1/2		1/2	
3/4	2,522.02	3/4	2,162.93	3/4	1,803.85	3/4	1,444.77	3/4	1,089.42	3/4	740.95	3/4	381.88	3/4	30.29	3/4		3/4	
3	2,514.53	3	2,155.45	3	1,796.37	3	1,437.28	3	1,082.24	3	733.47	3	374.40	3	24.68	3		3	
1/4	2,507.05	1/4	2,147.97	1/4	1,788.89	1/4	1,429.80	1/4	1,075.06	1/4	725.99	1/4	366.92	1/4	20.94	1/4		1/4	
1/2	2,499.57	1/2	2,140.49	1/2	1,781.41	1/2	1,422.32	1/2	1,067.88	1/2	718.51	1/2	359.44	1/2		1/2		1/2	
3/4	2,492.09	3/4	2,133.01	3/4	1,773.93	3/4	1,414.84	3/4	1,060.70	3/4	711.03	3/4	351.96	3/4		3/4		3/4	
4	2,484.61	4	2,125.53	4	1,766.44	4	1,407.36	4	1,053.52	4	703.55	4	344.48	4		4		4	
1/4	2,477.13	1/4	2,118.05	1/4	1,758.96	1/4	1,399.88	1/4	1,046.34	1/4	696.07	1/4	337.00	1/4		1/4		1/4	
1/2	2,469.65	1/2	2,110.57	1/2	1,751.48	1/2	1,392.40	1/2	1,039.16	1/2	688.59	1/2	329.52	1/2		1/2		1/2	
3/4	2,462.17	3/4	2,103.09	3/4	1,744.00	3/4	1,384.92	3/4	1,031.98	3/4	681.11	3/4	322.03	3/4		3/4		3/4	
5	2,454.69	5	2,095.60	5	1,736.52	5	1,377.44	5	1,024.81	5	673.63	5	314.55	5		5		5	
1/4	2,447.21	1/4	2,088.12	1/4	1,729.04	1/4	1,369.96	1/4	1,017.63	1/4	666.15	1/4	307.07	1/4		1/4		1/4	
1/2	2,439.73	1/2	2,080.64	1/2	1,721.56	1/2	1,362.48	1/2	1,010.45	1/2	658.67	1/2	299.59	1/2		1/2		1/2	
3/4	2,432.24	3/4	2,073.16	3/4	1,714.08	3/4	1,355.00	3/4	1,003.28	3/4	651.19	3/4	292.11	3/4		3/4		3/4	
6	2,424.76	6	2,065.68	6	1,706.60	6	1,347.51	6	996.10	6	643.70	6	284.63	6		6		6	
1/4	2,417.28	1/4	2,058.20	1/4	1,699.12	1/4	1,340.03	1/4	988.92	1/4	636.22	1/4	277.15	1/4		1/4		1/4	
1/2	2,409.80	1/2	2,050.72	1/2	1,691.64	1/2	1,332.55	1/2	981.74	1/2	628.74	1/2	269.67	1/2		1/2		1/2	
3/4	2,402.32	3/4	2,043.24	3/4	1,684.15	3/4	1,325.07	3/4	974.57	3/4	621.26	3/4	262.19	3/4		3/4		3/4	
7	2,394.84	7	2,035.76	7	1,676.67	7	1,317.59	7	967.39	7	613.78	7	254.71	7		7		7	
1/4	2,387.36	1/4	2,028.28	1/4	1,669.19	1/4	1,310.11	1/4	960.21	1/4	606.30	1/4	247.23	1/4		1/4		1/4	
1/2	2,379.88	1/2	2,020.80	1/2	1,661.71	1/2	1,302.63	1/2	953.04	1/2	598.82	1/2	239.75	1/2		1/2		1/2	
3/4	2,372.40	3/4	2,013.31	3/4	1,654.23	3/4	1,295.15	3/4	945.86	3/4	591.34	3/4	232.27	3/4		3/4		3/4	
8	2,364.92	8	2,005.83	8	1,646.75	8	1,287.67	8	938.68	8	583.86	8	224.79	8		8		8	
1/4	2,357.44	1/4	1,998.35	1/4	1,639.27	1/4	1,280.19	1/4	931.50	1/4	576.38	1/4	217.30	1/4		1/4		1/4	
1/2	2,349.95	1/2	1,990.87	1/2	1,631.79	1/2	1,272.71	1/2	924.33	1/2	568.90	1/2	209.82	1/2		1/2		1/2	
3/4	2,342.47	3/4	1,983.39	3/4	1,624.31	3/4	1,265.22	3/4	917.15	3/4	561.42	3/4	202.34	3/4		3/4		3/4	
9	2,334.99	9	1,975.91	9	1,616.83	9	1,257.74	9	909.97	9	553.94	9	194.86	9		9		9	
1/4	2,327.51	1/4	1,968.43	1/4	1,609.35	1/4	1,250.26	1/4	902.80	1/4	546.46	1/4	187.38	1/4		1/4		1/4	
1/2	2,320.03	1/2	1,960.95	1/2	1,601.86	1/2	1,242.78	1/2	895.62	1/2	538.97	1/2	179.90	1/2		1/2		1/2	
3/4	2,312.55	3/4	1,953.47	3/4	1,594.38	3/4	1,235.30	3/4	888.44	3/4	531.49	3/4	172.42	3/4		3/4		3/4	
10	2,305.07	10	1,945.99	10	1,586.90	10	1,227.82	10	881.26	10	524.01	10	164.94	10		10		10	
1/4	2,297.59	1/4	1,938.51	1/4	1,579.42	1/4	1,220.34	1/4	874.09	1/4	516.53	1/4	157.46	1/4		1/4		1/4	
1/2	2,290.11	1/2	1,931.02	1/2	1,571.94	1/2	1,212.86	1/2	866.91	1/2	509.05	1/2	149.98	1/2		1/2		1/2	
3/4	2,282.63	3/4	1,923.54	3/4	1,564.46	3/4	1,205.38	3/4	859.73	3/4	501.57	3/4	142.50	3/4		3/4		3/4	
11	2,275.15	11	1,916.06	11	1,556.98	11	1,197.90	11	852.55	11	494.09	11	135.02	11		11		11	
1/4	2,267.66	1/4	1,908.58	1/4	1,549.50	1/4	1,190.56	1/4	845.23	1/4	486.61	1/4	127.54	1/4		1/4		1/4	
1/2	2,260.18	1/2	1,901.10	1/2	1,542.02	1/2	1,183.22	1/2	837.90	1/2	479.13	1/2	120.06	1/2		1/2		1/2	
3/4	2,252.70	3/4	1,893.62	3/4	1,534.54	3/4	1,175.88	3/4	830.57	3/4	471.65	3/4	112.57	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/15/2018 CL
VERIFIED: 11/06/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "HTCO 3107"

2 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	4,770.41	0	4,412.80	0	4,053.96	0	3,695.07	0	3,336.18	0	2,977.28
1/4		1/4		1/4		1/4		1/4	4,763.00	1/4	4,405.34	1/4	4,046.48	1/4	3,687.59	1/4	3,328.70	1/4	2,969.80
1/2		1/2		1/2		1/2		1/2	4,755.58	1/2	4,397.87	1/2	4,039.01	1/2	3,680.12	1/2	3,321.22	1/2	2,962.32
3/4		3/4		3/4		3/4	5,092.46	3/4	4,748.17	3/4	4,390.41	3/4	4,031.53	3/4	3,672.64	3/4	3,313.75	3/4	2,954.84
1		1		1		1	5,087.71	1	4,740.75	1	4,382.94	1	4,024.05	1	3,665.16	1	3,306.27	1	2,947.36
1/4		1/4		1/4		1/4	5,081.90	1/4	4,733.32	1/4	4,375.47	1/4	4,016.58	1/4	3,657.68	1/4	3,298.79	1/4	2,939.87
1/2		1/2		1/2		1/2	5,076.08	1/2	4,725.88	1/2	4,367.99	1/2	4,009.10	1/2	3,650.21	1/2	3,291.32	1/2	2,932.39
3/4		3/4		3/4		3/4	5,070.26	3/4	4,718.45	3/4	4,360.51	3/4	4,001.62	3/4	3,642.73	3/4	3,283.84	3/4	2,924.91
2		2		2		2	5,064.45	2	4,711.01	2	4,353.04	2	3,994.15	2	3,635.25	2	3,276.36	2	2,917.43
1/4		1/4		1/4		1/4	5,057.63	1/4	4,703.56	1/4	4,345.56	1/4	3,986.67	1/4	3,627.78	1/4	3,268.89	1/4	2,909.95
1/2		1/2		1/2		1/2	5,050.81	1/2	4,696.10	1/2	4,338.08	1/2	3,979.19	1/2	3,620.30	1/2	3,261.41	1/2	2,902.47
3/4		3/4		3/4		3/4	5,043.99	3/4	4,688.65	3/4	4,330.61	3/4	3,971.71	3/4	3,612.82	3/4	3,253.93	3/4	2,894.99
3		3		3		3	5,037.17	3	4,681.19	3	4,323.13	3	3,964.24	3	3,605.35	3	3,246.46	3	2,887.51
1/4		1/4		1/4		1/4	5,029.82	1/4	4,673.74	1/4	4,315.65	1/4	3,956.76	1/4	3,597.87	1/4	3,238.98	1/4	2,880.03
1/2		1/2		1/2		1/2	5,022.47	1/2	4,666.28	1/2	4,308.18	1/2	3,949.28	1/2	3,590.39	1/2	3,231.50	1/2	2,872.55
3/4		3/4		3/4		3/4	5,015.11	3/4	4,658.83	3/4	4,300.70	3/4	3,941.81	3/4	3,582.92	3/4	3,224.02	3/4	2,865.07
4		4		4		4	5,007.76	4	4,651.37	4	4,293.22	4	3,934.33	4	3,575.44	4	3,216.55	4	2,857.58
1/4		1/4		1/4		1/4	5,000.34	1/4	4,643.91	1/4	4,285.74	1/4	3,926.85	1/4	3,567.96	1/4	3,209.07	1/4	2,850.10
1/2		1/2		1/2		1/2	4,992.92	1/2	4,636.46	1/2	4,278.27	1/2	3,919.38	1/2	3,560.49	1/2	3,201.59	1/2	2,842.62
3/4		3/4		3/4		3/4	4,985.50	3/4	4,629.00	3/4	4,270.79	3/4	3,911.90	3/4	3,553.01	3/4	3,194.12	3/4	2,835.14
5		5		5		5	4,978.08	5	4,621.55	5	4,263.31	5	3,904.42	5	3,545.53	5	3,186.64	5	2,827.66
1/4		1/4		1/4		1/4	4,970.66	1/4	4,614.09	1/4	4,255.84	1/4	3,896.95	1/4	3,538.05	1/4	3,179.16	1/4	2,820.18
1/2		1/2		1/2		1/2	4,963.25	1/2	4,606.64	1/2	4,248.36	1/2	3,889.47	1/2	3,530.58	1/2	3,171.69	1/2	2,812.70
3/4		3/4		3/4		3/4	4,955.83	3/4	4,599.18	3/4	4,240.88	3/4	3,881.99	3/4	3,523.10	3/4	3,164.21	3/4	2,805.22
6		6		6		6	4,948.41	6	4,591.73	6	4,233.41	6	3,874.51	6	3,515.62	6	3,156.73	6	2,797.74
1/4		1/4		1/4		1/4	4,940.99	1/4	4,584.27	1/4	4,225.93	1/4	3,867.04	1/4	3,508.15	1/4	3,149.26	1/4	2,790.26
1/2		1/2		1/2		1/2	4,933.57	1/2	4,576.82	1/2	4,218.45	1/2	3,859.56	1/2	3,500.67	1/2	3,141.78	1/2	2,782.78
3/4		3/4		3/4		3/4	4,926.15	3/4	4,569.36	3/4	4,210.98	3/4	3,852.08	3/4	3,493.19	3/4	3,134.30	3/4	2,775.29
7		7		7		7	4,918.73	7	4,561.91	7	4,203.50	7	3,844.61	7	3,485.72	7	3,126.82	7	2,767.81
1/4		1/4		1/4		1/4	4,911.31	1/4	4,554.45	1/4	4,196.02	1/4	3,837.13	1/4	3,478.24	1/4	3,119.35	1/4	2,760.33
1/2		1/2		1/2		1/2	4,903.89	1/2	4,547.00	1/2	4,188.54	1/2	3,829.65	1/2	3,470.76	1/2	3,111.87	1/2	2,752.85
3/4		3/4		3/4		3/4	4,896.48	3/4	4,539.54	3/4	4,181.07	3/4	3,822.18	3/4	3,463.29	3/4	3,104.39	3/4	2,745.37
8		8		8		8	4,889.06	8	4,532.09	8	4,173.59	8	3,814.70	8	3,455.81	8	3,096.92	8	2,737.89
1/4		1/4		1/4		1/4	4,881.64	1/4	4,524.63	1/4	4,166.11	1/4	3,807.22	1/4	3,448.33	1/4	3,089.44	1/4	2,730.41
1/2		1/2		1/2		1/2	4,874.23	1/2	4,517.18	1/2	4,158.64	1/2	3,799.75	1/2	3,440.85	1/2	3,081.96	1/2	2,722.93
3/4		3/4		3/4		3/4	4,866.81	3/4	4,509.72	3/4	4,151.16	3/4	3,792.27	3/4	3,433.38	3/4	3,074.49	3/4	2,715.45
9		9		9		9	4,859.40	9	4,502.27	9	4,143.68	9	3,784.79	9	3,425.90	9	3,067.01	9	2,707.97
1/4		1/4		1/4		1/4	4,851.98	1/4	4,494.81	1/4	4,136.21	1/4	3,777.32	1/4	3,418.42	1/4	3,059.53	1/4	2,700.49
1/2		1/2		1/2		1/2	4,844.57	1/2	4,487.36	1/2	4,128.73	1/2	3,769.84	1/2	3,410.95	1/2	3,052.06	1/2	2,693.00
3/4		3/4		3/4		3/4	4,837.15	3/4	4,479.90	3/4	4,121.25	3/4	3,762.36	3/4	3,403.47	3/4	3,044.58	3/4	2,685.52
10		10		10		10	4,829.74	10	4,472.45	10	4,113.78	10	3,754.88	10	3,395.99	10	3,037.10	10	2,678.04
1/4		1/4		1/4		1/4	4,822.32	1/4	4,464.99	1/4	4,106.30	1/4	3,747.41	1/4	3,388.52	1/4	3,029.63	1/4	2,670.56
1/2		1/2		1/2		1/2	4,814.90	1/2	4,457.53	1/2	4,098.82	1/2	3,739.93	1/2	3,381.04	1/2	3,022.15	1/2	2,663.08
3/4		3/4		3/4		3/4	4,807.49	3/4	4,450.08	3/4	4,091.35	3/4	3,732.45	3/4	3,373.56	3/4	3,014.67	3/4	2,655.60
11		11		11		11	4,800.07	11	4,442.62	11	4,083.87	11	3,724.98	11	3,366.09	11	3,007.19	11	2,648.12
1/4		1/4		1/4		1/4	4,792.66	1/4	4,435.17	1/4	4,076.39	1/4	3,717.50	1/4	3,358.61	1/4	2,999.72	1/4	2,640.64
1/2		1/2		1/2		1/2	4,785.24	1/2	4,427.71	1/2	4,068.91	1/2	3,710.02	1/2	3,351.13	1/2	2,992.24	1/2	2,633.16
3/4		3/4		3/4		3/4	4,777.83	3/4	4,420.26	3/4	4,061.44	3/4	3,702.55	3/4	3,343.66	3/4	2,984.76	3/4	2,625.68

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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 3107"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

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	2,618.20	0	2,259.11	0	1,900.03	0	1,540.95	0	1,181.86	0	823.24	0	464.17	0	105.09	0		0	
1/4	2,610.71	1/4	2,251.63	1/4	1,892.55	1/4	1,533.47	1/4	1,174.38	1/4	815.76	1/4	456.69	1/4	97.61	1/4		1/4	
1/2	2,603.23	1/2	2,244.15	1/2	1,885.07	1/2	1,525.98	1/2	1,166.90	1/2	808.28	1/2	449.21	1/2	90.13	1/2		1/2	
3/4	2,595.75	3/4	2,236.67	3/4	1,877.59	3/4	1,518.50	3/4	1,159.42	3/4	800.80	3/4	441.73	3/4	82.65	3/4		3/4	
1	2,588.27	1	2,229.19	1	1,870.11	1	1,511.02	1	1,151.94	1	793.32	1	434.25	1	75.17	1		1	
1/4	2,580.79	1/4	2,221.71	1/4	1,862.62	1/4	1,503.54	1/4	1,144.46	1/4	785.84	1/4	426.76	1/4	68.16	1/4		1/4	
1/2	2,573.31	1/2	2,214.23	1/2	1,855.14	1/2	1,496.06	1/2	1,136.98	1/2	778.36	1/2	419.28	1/2	61.15	1/2		1/2	
3/4	2,565.83	3/4	2,206.75	3/4	1,847.66	3/4	1,488.58	3/4	1,129.50	3/4	770.88	3/4	411.80	3/4	54.13	3/4		3/4	
2	2,558.35	2	2,199.27	2	1,840.18	2	1,481.10	2	1,122.03	2	763.40	2	404.32	2	47.12	2		2	
1/4	2,550.87	1/4	2,191.78	1/4	1,832.70	1/4	1,473.62	1/4	1,114.55	1/4	755.92	1/4	396.84	1/4	41.51	1/4		1/4	
1/2	2,543.39	1/2	2,184.30	1/2	1,825.22	1/2	1,466.14	1/2	1,107.08	1/2	748.44	1/2	389.36	1/2	35.90	1/2		1/2	
3/4	2,535.91	3/4	2,176.82	3/4	1,817.74	3/4	1,458.66	3/4	1,099.60	3/4	740.95	3/4	381.88	3/4	30.29	3/4		3/4	
3	2,528.42	3	2,169.34	3	1,810.26	3	1,451.18	3	1,092.13	3	733.47	3	374.40	3	24.68	3		3	
1/4	2,520.94	1/4	2,161.86	1/4	1,802.78	1/4	1,443.69	1/4	1,084.65	1/4	725.99	1/4	366.92	1/4	20.94	1/4		1/4	
1/2	2,513.46	1/2	2,154.38	1/2	1,795.30	1/2	1,436.21	1/2	1,077.18	1/2	718.51	1/2	359.44	1/2		1/2		1/2	
3/4	2,505.98	3/4	2,146.90	3/4	1,787.82	3/4	1,428.73	3/4	1,069.71	3/4	711.03	3/4	351.96	3/4		3/4		3/4	
4	2,498.50	4	2,139.42	4	1,780.33	4	1,421.25	4	1,062.24	4	703.55	4	344.48	4		4		4	
1/4	2,491.02	1/4	2,131.94	1/4	1,772.85	1/4	1,413.77	1/4	1,054.77	1/4	696.07	1/4	337.00	1/4		1/4		1/4	
1/2	2,483.54	1/2	2,124.46	1/2	1,765.37	1/2	1,406.29	1/2	1,047.30	1/2	688.59	1/2	329.52	1/2		1/2		1/2	
3/4	2,476.06	3/4	2,116.98	3/4	1,757.89	3/4	1,398.81	3/4	1,039.83	3/4	681.11	3/4	322.04	3/4		3/4		3/4	
5	2,468.58	5	2,109.49	5	1,750.41	5	1,391.33	5	1,032.37	5	673.63	5	314.55	5		5		5	
1/4	2,461.10	1/4	2,102.01	1/4	1,742.93	1/4	1,383.85	1/4	1,024.90	1/4	666.15	1/4	307.07	1/4		1/4		1/4	
1/2	2,453.62	1/2	2,094.53	1/2	1,735.45	1/2	1,376.37	1/2	1,017.43	1/2	658.67	1/2	299.59	1/2		1/2		1/2	
3/4	2,446.13	3/4	2,087.05	3/4	1,727.97	3/4	1,368.89	3/4	1,009.96	3/4	651.19	3/4	292.11	3/4		3/4		3/4	
6	2,438.65	6	2,079.57	6	1,720.49	6	1,361.40	6	1,002.49	6	643.71	6	284.63	6		6		6	
1/4	2,431.17	1/4	2,072.09	1/4	1,713.01	1/4	1,353.92	1/4	995.03	1/4	636.22	1/4	277.15	1/4		1/4		1/4	
1/2	2,423.69	1/2	2,064.61	1/2	1,705.53	1/2	1,346.44	1/2	987.56	1/2	628.74	1/2	269.67	1/2		1/2		1/2	
3/4	2,416.21	3/4	2,057.13	3/4	1,698.04	3/4	1,338.96	3/4	980.09	3/4	621.26	3/4	262.19	3/4		3/4		3/4	
7	2,408.73	7	2,049.65	7	1,690.56	7	1,331.48	7	972.62	7	613.78	7	254.71	7		7		7	
1/4	2,401.25	1/4	2,042.17	1/4	1,683.08	1/4	1,324.00	1/4	965.16	1/4	606.30	1/4	247.23	1/4		1/4		1/4	
1/2	2,393.77	1/2	2,034.69	1/2	1,675.60	1/2	1,316.52	1/2	957.69	1/2	598.82	1/2	239.75	1/2		1/2		1/2	
3/4	2,386.29	3/4	2,027.20	3/4	1,668.12	3/4	1,309.04	3/4	950.22	3/4	591.34	3/4	232.27	3/4		3/4		3/4	
8	2,378.81	8	2,019.72	8	1,660.64	8	1,301.56	8	942.75	8	583.86	8	224.79	8		8		8	
1/4	2,371.33	1/4	2,012.24	1/4	1,653.16	1/4	1,294.08	1/4	935.28	1/4	576.38	1/4	217.31	1/4		1/4		1/4	
1/2	2,363.85	1/2	2,004.76	1/2	1,645.68	1/2	1,286.60	1/2	927.82	1/2	568.90	1/2	209.82	1/2		1/2		1/2	
3/4	2,356.36	3/4	1,997.28	3/4	1,638.20	3/4	1,279.11	3/4	920.35	3/4	561.42	3/4	202.34	3/4		3/4		3/4	
9	2,348.88	9	1,989.80	9	1,630.72	9	1,271.63	9	912.88	9	553.94	9	194.86	9		9		9	
1/4	2,341.40	1/4	1,982.32	1/4	1,623.24	1/4	1,264.15	1/4	905.41	1/4	546.46	1/4	187.38	1/4		1/4		1/4	
1/2	2,333.92	1/2	1,974.84	1/2	1,615.76	1/2	1,256.67	1/2	897.94	1/2	538.98	1/2	179.90	1/2		1/2		1/2	
3/4	2,326.44	3/4	1,967.36	3/4	1,608.27	3/4	1,249.19	3/4	890.48	3/4	531.49	3/4	172.42	3/4		3/4		3/4	
10	2,318.96	10	1,959.88	10	1,600.79	10	1,241.71	10	883.01	10	524.01	10	164.94	10		10		10	
1/4	2,311.48	1/4	1,952.40	1/4	1,593.31	1/4	1,234.23	1/4	875.54	1/4	516.53	1/4	157.46	1/4		1/4		1/4	
1/2	2,304.00	1/2	1,944.91	1/2	1,585.83	1/2	1,226.75	1/2	868.07	1/2	509.05	1/2	149.98	1/2		1/2		1/2	
3/4	2,296.52	3/4	1,937.43	3/4	1,578.35	3/4	1,219.27	3/4	860.60	3/4	501.57	3/4	142.50	3/4		3/4		3/4	
11	2,289.04	11	1,929.95	11	1,570.87	11	1,211.79	11	853.14	11	494.09	11	135.02	11		11		11	
1/4	2,281.56	1/4	1,922.47	1/4	1,563.39	1/4	1,204.31	1/4	845.66	1/4	486.61	1/4	127.54	1/4		1/4		1/4	
1/2	2,274.07	1/2	1,914.99	1/2	1,555.91	1/2	1,196.82	1/2	838.19	1/2	479.13	1/2	120.06	1/2		1/2		1/2	
3/4	2,266.59	3/4	1,907.51	3/4	1,548.43	3/4	1,189.34	3/4	830.72	3/4	471.65	3/4	112.58	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/15/2018 CL
VERIFIED: 11/06/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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

Paul J. Acam...



BARGE "HTCO 3107"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,411.52	0	4,164.70	0	3,917.03	0	3,669.30	0	3,344.15	0	2,986.36
1/4		1/4		1/4		1/4		1/4	4,406.40	1/4	4,159.56	1/4	3,911.86	1/4	3,664.14	1/4	3,336.71	1/4	2,978.90
1/2		1/2		1/2		1/2		1/2	4,401.28	1/2	4,154.41	1/2	3,906.70	1/2	3,658.98	1/2	3,329.28	1/2	2,971.44
3/4		3/4		3/4		3/4		3/4	4,396.16	3/4	4,149.25	3/4	3,901.54	3/4	3,653.81	3/4	3,321.84	3/4	2,963.98
1		1		1		1		1	4,391.04	1	4,144.10	1	3,896.38	1	3,648.65	1	3,314.40	1	2,956.52
1/4		1/4		1/4		1/4		1/4	4,619.98	1/4	4,385.92	1/4	4,138.94	1/4	3,891.22	1/4	3,643.49	1/4	3,306.97
1/2		1/2		1/2		1/2		1/2	4,617.53	1/2	4,380.80	1/2	4,133.79	1/2	3,886.06	1/2	3,638.33	1/2	3,299.53
3/4		3/4		3/4		3/4		3/4	4,614.01	3/4	4,375.67	3/4	4,128.63	3/4	3,880.90	3/4	3,633.17	3/4	3,292.08
2		2		2		2		2	4,610.49	2	4,370.54	2	4,123.47	2	3,875.74	2	3,628.01	2	3,284.64
1/4		1/4		1/4		1/4		1/4	4,606.96	1/4	4,365.41	1/4	4,118.30	1/4	3,870.58	1/4	3,622.85	1/4	3,277.19
1/2		1/2		1/2		1/2		1/2	4,603.44	1/2	4,360.27	1/2	4,113.14	1/2	3,865.42	1/2	3,617.69	1/2	3,269.74
3/4		3/4		3/4		3/4		3/4	4,598.92	3/4	4,355.13	3/4	4,107.98	3/4	3,860.25	3/4	3,611.95	3/4	3,262.28
3		3		3		3		3	4,594.40	3	4,349.98	3	4,102.82	3	3,855.09	3	3,606.22	3	3,254.83
1/4		1/4		1/4		1/4		1/4	4,589.88	1/4	4,344.83	1/4	4,097.66	1/4	3,849.93	1/4	3,600.48	1/4	3,247.37
1/2		1/2		1/2		1/2		1/2	4,585.35	1/2	4,339.69	1/2	4,092.50	1/2	3,844.77	1/2	3,594.74	1/2	3,239.91
3/4		3/4		3/4		3/4		3/4	4,580.30	3/4	4,334.54	3/4	4,087.34	3/4	3,839.61	3/4	3,587.87	3/4	3,232.46
4		4		4		4		4	4,575.24	4	4,329.39	4	4,082.18	4	3,834.45	4	3,580.99	4	3,225.00
1/4		1/4		1/4		1/4		1/4	4,570.19	1/4	4,324.25	1/4	4,077.02	1/4	3,829.29	1/4	3,574.12	1/4	3,217.54
1/2		1/2		1/2		1/2		1/2	4,565.13	1/2	4,319.10	1/2	4,071.86	1/2	3,824.13	1/2	3,567.25	1/2	3,210.08
3/4		3/4		3/4		3/4		3/4	4,560.01	3/4	4,313.95	3/4	4,066.69	3/4	3,818.97	3/4	3,559.81	3/4	3,202.63
5		5		5		5		5	4,554.89	5	4,308.81	5	4,061.53	5	3,813.81	5	3,552.37	5	3,195.17
1/4		1/4		1/4		1/4		1/4	4,549.77	1/4	4,303.66	1/4	4,056.37	1/4	3,808.64	1/4	3,544.94	1/4	3,187.71
1/2		1/2		1/2		1/2		1/2	4,544.64	1/2	4,298.51	1/2	4,051.21	1/2	3,803.48	1/2	3,537.50	1/2	3,180.25
3/4		3/4		3/4		3/4		3/4	4,539.52	3/4	4,293.37	3/4	4,046.05	3/4	3,798.32	3/4	3,530.06	3/4	3,172.80
6		6		6		6		6	4,534.40	6	4,288.22	6	4,040.89	6	3,793.16	6	3,522.63	6	3,165.34
1/4		1/4		1/4		1/4		1/4	4,529.28	1/4	4,283.08	1/4	4,035.73	1/4	3,788.00	1/4	3,515.19	1/4	3,157.88
1/2		1/2		1/2		1/2		1/2	4,524.16	1/2	4,277.93	1/2	4,030.57	1/2	3,782.84	1/2	3,507.75	1/2	3,150.42
3/4		3/4		3/4		3/4		3/4	4,519.04	3/4	4,272.78	3/4	4,025.41	3/4	3,777.68	3/4	3,500.32	3/4	3,142.97
7		7		7		7		7	4,513.91	7	4,267.64	7	4,020.25	7	3,772.52	7	3,492.88	7	3,135.51
1/4		1/4		1/4		1/4		1/4	4,508.79	1/4	4,262.49	1/4	4,015.08	1/4	3,767.36	1/4	3,485.44	1/4	3,128.05
1/2		1/2		1/2		1/2		1/2	4,503.67	1/2	4,257.34	1/2	4,009.92	1/2	3,762.20	1/2	3,478.01	1/2	3,120.59
3/4		3/4		3/4		3/4		3/4	4,498.55	3/4	4,252.20	3/4	4,004.76	3/4	3,757.03	3/4	3,470.57	3/4	3,113.14
8		8		8		8		8	4,493.43	8	4,247.05	8	3,999.60	8	3,751.87	8	3,463.13	8	3,105.68
1/4		1/4		1/4		1/4		1/4	4,488.31	1/4	4,241.90	1/4	3,994.44	1/4	3,746.71	1/4	3,455.70	1/4	3,098.22
1/2		1/2		1/2		1/2		1/2	4,483.19	1/2	4,236.76	1/2	3,989.28	1/2	3,741.55	1/2	3,448.26	1/2	3,090.76
3/4		3/4		3/4		3/4		3/4	4,478.07	3/4	4,231.61	3/4	3,984.12	3/4	3,736.39	3/4	3,440.82	3/4	3,083.31
9		9		9		9		9	4,472.95	9	4,226.46	9	3,978.96	9	3,731.23	9	3,433.39	9	3,075.85
1/4		1/4		1/4		1/4		1/4	4,467.83	1/4	4,221.32	1/4	3,973.80	1/4	3,726.07	1/4	3,425.95	1/4	3,068.39
1/2		1/2		1/2		1/2		1/2	4,462.71	1/2	4,216.17	1/2	3,968.64	1/2	3,720.91	1/2	3,418.51	1/2	3,060.94
3/4		3/4		3/4		3/4		3/4	4,457.59	3/4	4,211.02	3/4	3,963.47	3/4	3,715.75	3/4	3,411.08	3/4	3,053.48
10		10		10		10		10	4,452.47	10	4,205.88	10	3,958.31	10	3,710.59	10	3,403.64	10	3,046.02
1/4		1/4		1/4		1/4		1/4	4,447.35	1/4	4,200.73	1/4	3,953.15	1/4	3,705.42	1/4	3,396.20	1/4	3,038.56
1/2		1/2		1/2		1/2		1/2	4,442.23	1/2	4,195.58	1/2	3,947.99	1/2	3,700.26	1/2	3,388.77	1/2	3,031.11
3/4		3/4		3/4		3/4		3/4	4,437.12	3/4	4,190.44	3/4	3,942.83	3/4	3,695.10	3/4	3,381.33	3/4	3,023.65
11		11		11		11		11	4,432.00	11	4,185.29	11	3,937.67	11	3,689.94	11	3,373.90	11	3,016.19
1/4		1/4		1/4		1/4		1/4	4,426.88	1/4	4,180.14	1/4	3,932.51	1/4	3,684.78	1/4	3,366.46	1/4	3,008.73
1/2		1/2		1/2		1/2		1/2	4,421.76	1/2	4,175.00	1/2	3,927.35	1/2	3,679.62	1/2	3,359.02	1/2	3,001.28
3/4		3/4		3/4		3/4		3/4	4,416.64	3/4	4,169.85	3/4	3,922.19	3/4	3,674.46	3/4	3,351.59	3/4	2,993.82

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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 3107"

3 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	2,628.27	0	2,269.85	0	1,911.42	0	1,552.99	0	1,194.56	0	836.66	0	478.26	0	119.84	0		0	
1/4	2,620.81	1/4	2,262.38	1/4	1,903.95	1/4	1,545.52	1/4	1,187.09	1/4	829.21	1/4	470.79	1/4	112.37	1/4		1/4	
1/2	2,613.34	1/2	2,254.91	1/2	1,896.48	1/2	1,538.05	1/2	1,179.62	1/2	821.75	1/2	463.33	1/2	104.91	1/2		1/2	
3/4	2,605.88	3/4	2,247.45	3/4	1,889.02	3/4	1,530.58	3/4	1,172.15	3/4	814.28	3/4	455.86	3/4	97.44	3/4		3/4	
1	2,598.41	1	2,239.98	1	1,881.55	1	1,523.12	1	1,164.69	1	806.81	1	448.39	1	89.97	1		1	
1/4	2,590.94	1/4	2,232.51	1/4	1,874.08	1/4	1,515.65	1/4	1,157.22	1/4	799.35	1/4	440.92	1/4	82.50	1/4		1/4	
1/2	2,583.47	1/2	2,225.04	1/2	1,866.61	1/2	1,508.18	1/2	1,149.75	1/2	791.88	1/2	433.46	1/2	75.04	1/2		1/2	
3/4	2,576.01	3/4	2,217.58	3/4	1,859.15	3/4	1,500.72	3/4	1,142.29	3/4	784.41	3/4	425.99	3/4	68.04	3/4		3/4	
2	2,568.54	2	2,210.11	2	1,851.68	2	1,493.25	2	1,134.83	2	776.94	2	418.52	2	61.04	2		2	
1/4	2,561.07	1/4	2,202.64	1/4	1,844.21	1/4	1,485.78	1/4	1,127.36	1/4	769.48	1/4	411.06	1/4	54.04	1/4		1/4	
1/2	2,553.60	1/2	2,195.17	1/2	1,836.74	1/2	1,478.31	1/2	1,119.90	1/2	762.01	1/2	403.59	1/2	47.04	1/2		1/2	
3/4	2,546.14	3/4	2,187.71	3/4	1,829.28	3/4	1,470.85	3/4	1,112.44	3/4	754.54	3/4	396.12	3/4	41.43	3/4		3/4	
3	2,538.67	3	2,180.24	3	1,821.81	3	1,463.38	3	1,104.98	3	747.08	3	388.66	3	35.83	3		3	
1/4	2,531.20	1/4	2,172.77	1/4	1,814.34	1/4	1,455.91	1/4	1,097.52	1/4	739.61	1/4	381.19	1/4	30.23	1/4		1/4	
1/2	2,523.74	1/2	2,165.31	1/2	1,806.87	1/2	1,448.44	1/2	1,090.06	1/2	732.14	1/2	373.72	1/2	24.63	1/2		1/2	
3/4	2,516.27	3/4	2,157.84	3/4	1,799.41	3/4	1,440.98	3/4	1,082.61	3/4	724.67	3/4	366.25	3/4	20.90	3/4		3/4	
4	2,508.80	4	2,150.37	4	1,791.94	4	1,433.51	4	1,075.15	4	717.21	4	358.79	4		4		4	
1/4	2,501.33	1/4	2,142.90	1/4	1,784.47	1/4	1,426.04	1/4	1,067.70	1/4	709.74	1/4	351.32	1/4		1/4		1/4	
1/2	2,493.87	1/2	2,135.44	1/2	1,777.01	1/2	1,418.58	1/2	1,060.24	1/2	702.27	1/2	343.85	1/2		1/2		1/2	
3/4	2,486.40	3/4	2,127.97	3/4	1,769.54	3/4	1,411.11	3/4	1,052.79	3/4	694.81	3/4	336.39	3/4		3/4		3/4	
5	2,478.93	5	2,120.50	5	1,762.07	5	1,403.64	5	1,045.34	5	687.34	5	328.92	5		5		5	
1/4	2,471.46	1/4	2,113.03	1/4	1,754.60	1/4	1,396.17	1/4	1,037.89	1/4	679.87	1/4	321.45	1/4		1/4		1/4	
1/2	2,464.00	1/2	2,105.57	1/2	1,747.14	1/2	1,388.71	1/2	1,030.43	1/2	672.40	1/2	313.98	1/2		1/2		1/2	
3/4	2,456.53	3/4	2,098.10	3/4	1,739.67	3/4	1,381.24	3/4	1,022.98	3/4	664.94	3/4	306.52	3/4		3/4		3/4	
6	2,449.06	6	2,090.63	6	1,732.20	6	1,373.77	6	1,015.53	6	657.47	6	299.05	6		6		6	
1/4	2,441.60	1/4	2,083.16	1/4	1,724.73	1/4	1,366.30	1/4	1,008.08	1/4	650.00	1/4	291.58	1/4		1/4		1/4	
1/2	2,434.13	1/2	2,075.70	1/2	1,717.27	1/2	1,358.84	1/2	1,000.62	1/2	642.54	1/2	284.12	1/2		1/2		1/2	
3/4	2,426.66	3/4	2,068.23	3/4	1,709.80	3/4	1,351.37	3/4	993.17	3/4	635.07	3/4	276.65	3/4		3/4		3/4	
7	2,419.19	7	2,060.76	7	1,702.33	7	1,343.90	7	985.72	7	627.60	7	269.18	7		7		7	
1/4	2,411.73	1/4	2,053.30	1/4	1,694.87	1/4	1,336.43	1/4	978.27	1/4	620.14	1/4	261.71	1/4		1/4		1/4	
1/2	2,404.26	1/2	2,045.83	1/2	1,687.40	1/2	1,328.97	1/2	970.82	1/2	612.67	1/2	254.25	1/2		1/2		1/2	
3/4	2,396.79	3/4	2,038.36	3/4	1,679.93	3/4	1,321.50	3/4	963.36	3/4	605.20	3/4	246.78	3/4		3/4		3/4	
8	2,389.32	8	2,030.89	8	1,672.46	8	1,314.03	8	955.91	8	597.73	8	239.31	8		8		8	
1/4	2,381.86	1/4	2,023.43	1/4	1,665.00	1/4	1,306.57	1/4	948.46	1/4	590.27	1/4	231.85	1/4		1/4		1/4	
1/2	2,374.39	1/2	2,015.96	1/2	1,657.53	1/2	1,299.10	1/2	941.01	1/2	582.80	1/2	224.38	1/2		1/2		1/2	
3/4	2,366.92	3/4	2,008.49	3/4	1,650.06	3/4	1,291.63	3/4	933.56	3/4	575.33	3/4	216.91	3/4		3/4		3/4	
9	2,359.46	9	2,001.02	9	1,642.59	9	1,284.16	9	926.10	9	567.87	9	209.44	9		9		9	
1/4	2,351.99	1/4	1,993.56	1/4	1,635.13	1/4	1,276.70	1/4	918.65	1/4	560.40	1/4	201.98	1/4		1/4		1/4	
1/2	2,344.52	1/2	1,986.09	1/2	1,627.66	1/2	1,269.23	1/2	911.20	1/2	552.93	1/2	194.51	1/2		1/2		1/2	
3/4	2,337.05	3/4	1,978.62	3/4	1,620.19	3/4	1,261.76	3/4	903.75	3/4	545.46	3/4	187.04	3/4		3/4		3/4	
10	2,329.59	10	1,971.16	10	1,612.73	10	1,254.29	10	896.30	10	538.00	10	179.58	10		10		10	
1/4	2,322.12	1/4	1,963.69	1/4	1,605.26	1/4	1,246.83	1/4	888.84	1/4	530.53	1/4	172.11	1/4		1/4		1/4	
1/2	2,314.65	1/2	1,956.22	1/2	1,597.79	1/2	1,239.36	1/2	881.39	1/2	523.06	1/2	164.64	1/2		1/2		1/2	
3/4	2,307.18	3/4	1,948.75	3/4	1,590.32	3/4	1,231.89	3/4	873.94	3/4	515.60	3/4	157.17	3/4		3/4		3/4	
11	2,299.72	11	1,941.29	11	1,582.86	11	1,224.43	11	866.49	11	508.13	11	149.71	11		11		11	
1/4	2,292.25	1/4	1,933.82	1/4	1,575.39	1/4	1,216.96	1/4	859.03	1/4	500.66	1/4	142.24	1/4		1/4		1/4	
1/2	2,284.78	1/2	1,926.35	1/2	1,567.92	1/2	1,209.49	1/2	851.58	1/2	493.19	1/2	134.77	1/2		1/2		1/2	
3/4	2,277.31	3/4	1,918.88	3/4	1,560.45	3/4	1,202.02	3/4	844.12	3/4	485.73	3/4	127.31	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/15/2018 CL
VERIFIED: 11/06/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "HTCO 3107"

3 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	4,398.61	0	4,151.89	0	3,904.33	0	3,656.76	0	3,327.26	0	2,969.64
1/4		1/4		1/4		1/4		1/4	4,393.49	1/4	4,146.74	1/4	3,899.18	1/4	3,651.60	1/4	3,319.82	1/4	2,962.18
1/2		1/2		1/2		1/2		1/2	4,388.38	1/2	4,141.59	1/2	3,894.02	1/2	3,646.44	1/2	3,312.39	1/2	2,954.73
3/4		3/4		3/4		3/4	4,617.18	3/4	4,383.26	3/4	4,136.43	3/4	3,888.86	3/4	3,641.28	3/4	3,304.96	3/4	2,947.27
1		1		1		1	4,614.73	1	4,378.15	1	4,131.28	1	3,883.70	1	3,636.12	1	3,297.53	1	2,939.82
1/4		1/4		1/4		1/4	4,611.21	1/4	4,373.02	1/4	4,126.12	1/4	3,878.55	1/4	3,630.97	1/4	3,290.08	1/4	2,932.36
1/2		1/2		1/2		1/2	4,607.69	1/2	4,367.89	1/2	4,120.97	1/2	3,873.39	1/2	3,625.81	1/2	3,282.64	1/2	2,924.90
3/4		3/4		3/4		3/4	4,604.17	3/4	4,362.76	3/4	4,115.81	3/4	3,868.23	3/4	3,620.65	3/4	3,275.20	3/4	2,917.45
2		2		2		2	4,600.65	2	4,357.63	2	4,110.65	2	3,863.07	2	3,615.49	2	3,267.76	2	2,909.99
1/4		1/4		1/4		1/4	4,596.13	1/4	4,352.49	1/4	4,105.49	1/4	3,857.91	1/4	3,609.76	1/4	3,260.30	1/4	2,902.54
1/2		1/2		1/2		1/2	4,591.61	1/2	4,347.34	1/2	4,100.33	1/2	3,852.76	1/2	3,604.03	1/2	3,252.85	1/2	2,895.08
3/4		3/4		3/4		3/4	4,587.09	3/4	4,342.20	3/4	4,095.18	3/4	3,847.60	3/4	3,598.29	3/4	3,245.40	3/4	2,887.63
3		3		3		3	4,582.57	3	4,337.06	3	4,090.02	3	3,842.44	3	3,592.56	3	3,237.94	3	2,880.17
1/4		1/4		1/4		1/4	4,577.52	1/4	4,331.91	1/4	4,084.86	1/4	3,837.28	1/4	3,585.69	1/4	3,230.49	1/4	2,872.72
1/2		1/2		1/2		1/2	4,572.47	1/2	4,326.77	1/2	4,079.70	1/2	3,832.12	1/2	3,578.82	1/2	3,223.04	1/2	2,865.26
3/4		3/4		3/4		3/4	4,567.41	3/4	4,321.62	3/4	4,074.55	3/4	3,826.97	3/4	3,571.95	3/4	3,215.59	3/4	2,857.80
4		4		4		4	4,562.36	4	4,316.48	4	4,069.39	4	3,821.81	4	3,565.08	4	3,208.13	4	2,850.35
1/4		1/4		1/4		1/4	4,557.24	1/4	4,311.34	1/4	4,064.23	1/4	3,816.65	1/4	3,557.65	1/4	3,200.68	1/4	2,842.89
1/2		1/2		1/2		1/2	4,552.12	1/2	4,306.19	1/2	4,059.07	1/2	3,811.49	1/2	3,550.22	1/2	3,193.23	1/2	2,835.44
3/4		3/4		3/4		3/4	4,547.00	3/4	4,301.05	3/4	4,053.91	3/4	3,806.33	3/4	3,542.79	3/4	3,185.77	3/4	2,827.98
5		5		5		5	4,541.89	5	4,295.91	5	4,048.76	5	3,801.18	5	3,535.35	5	3,178.32	5	2,820.53
1/4		1/4		1/4		1/4	4,536.77	1/4	4,290.76	1/4	4,043.60	1/4	3,796.02	1/4	3,527.92	1/4	3,170.87	1/4	2,813.07
1/2		1/2		1/2		1/2	4,531.65	1/2	4,285.62	1/2	4,038.44	1/2	3,790.86	1/2	3,520.49	1/2	3,163.42	1/2	2,805.62
3/4		3/4		3/4		3/4	4,526.53	3/4	4,280.48	3/4	4,033.28	3/4	3,785.70	3/4	3,513.06	3/4	3,155.96	3/4	2,798.16
6		6		6		6	4,521.41	6	4,275.33	6	4,028.12	6	3,780.54	6	3,505.63	6	3,148.51	6	2,790.71
1/4		1/4		1/4		1/4	4,516.29	1/4	4,270.19	1/4	4,022.97	1/4	3,775.39	1/4	3,498.19	1/4	3,141.06	1/4	2,783.25
1/2		1/2		1/2		1/2	4,511.17	1/2	4,265.05	1/2	4,017.81	1/2	3,770.23	1/2	3,490.76	1/2	3,133.61	1/2	2,775.79
3/4		3/4		3/4		3/4	4,506.06	3/4	4,259.90	3/4	4,012.65	3/4	3,765.07	3/4	3,483.33	3/4	3,126.15	3/4	2,768.34
7		7		7		7	4,500.94	7	4,254.76	7	4,007.49	7	3,759.91	7	3,475.90	7	3,118.70	7	2,760.88
1/4		1/4		1/4		1/4	4,495.82	1/4	4,249.62	1/4	4,002.33	1/4	3,754.76	1/4	3,468.47	1/4	3,111.25	1/4	2,753.43
1/2		1/2		1/2		1/2	4,490.70	1/2	4,244.47	1/2	3,997.18	1/2	3,749.60	1/2	3,461.03	1/2	3,103.79	1/2	2,745.97
3/4		3/4		3/4		3/4	4,485.59	3/4	4,239.33	3/4	3,992.02	3/4	3,744.44	3/4	3,453.60	3/4	3,096.34	3/4	2,738.52
8		8		8		8	4,480.47	8	4,234.18	8	3,986.86	8	3,739.28	8	3,446.17	8	3,088.89	8	2,731.06
1/4		1/4		1/4		1/4	4,475.35	1/4	4,229.04	1/4	3,981.70	1/4	3,734.12	1/4	3,438.74	1/4	3,081.44	1/4	2,723.61
1/2		1/2		1/2		1/2	4,470.24	1/2	4,223.90	1/2	3,976.55	1/2	3,728.97	1/2	3,431.30	1/2	3,073.98	1/2	2,716.15
3/4		3/4		3/4		3/4	4,465.12	3/4	4,218.75	3/4	3,971.39	3/4	3,723.81	3/4	3,423.87	3/4	3,066.53	3/4	2,708.69
9		9		9		9	4,460.00	9	4,213.61	9	3,966.23	9	3,718.65	9	3,416.44	9	3,059.08	9	2,701.24
1/4		1/4		1/4		1/4	4,454.89	1/4	4,208.47	1/4	3,961.07	1/4	3,713.49	1/4	3,409.01	1/4	3,051.62	1/4	2,693.78
1/2		1/2		1/2		1/2	4,449.77	1/2	4,203.32	1/2	3,955.91	1/2	3,708.33	1/2	3,401.58	1/2	3,044.17	1/2	2,686.33
3/4		3/4		3/4		3/4	4,444.66	3/4	4,198.18	3/4	3,950.76	3/4	3,703.18	3/4	3,394.14	3/4	3,036.72	3/4	2,678.87
10		10		10		10	4,439.54	10	4,193.04	10	3,945.60	10	3,698.02	10	3,386.71	10	3,029.27	10	2,671.42
1/4		1/4		1/4		1/4	4,434.42	1/4	4,187.89	1/4	3,940.44	1/4	3,692.86	1/4	3,379.28	1/4	3,021.81	1/4	2,663.96
1/2		1/2		1/2		1/2	4,429.31	1/2	4,182.75	1/2	3,935.28	1/2	3,687.70	1/2	3,371.85	1/2	3,014.36	1/2	2,656.51
3/4		3/4		3/4		3/4	4,424.19	3/4	4,177.61	3/4	3,930.12	3/4	3,682.54	3/4	3,364.42	3/4	3,006.91	3/4	2,649.05
11		11		11		11	4,419.07	11	4,172.46	11	3,924.97	11	3,677.39	11	3,356.98	11	2,999.45	11	2,641.60
1/4		1/4		1/4		1/4	4,413.96	1/4	4,167.32	1/4	3,919.81	1/4	3,672.23	1/4	3,349.55	1/4	2,992.00	1/4	2,634.13
1/2		1/2		1/2		1/2	4,408.84	1/2	4,162.18	1/2	3,914.65	1/2	3,667.07	1/2	3,342.12	1/2	2,984.55	1/2	2,626.67
3/4		3/4		3/4		3/4	4,403.73	3/4	4,157.03	3/4	3,909.49	3/4	3,661.91	3/4	3,334.69	3/4	2,977.09	3/4	2,619.21

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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 3107"

3 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	2,611.74	0	2,253.53	0	1,895.32	0	1,537.12	0	1,178.91	0	821.24	0	463.04	0	104.84	0		0	
1/4	2,604.28	1/4	2,246.07	1/4	1,887.86	1/4	1,529.65	1/4	1,171.44	1/4	813.78	1/4	455.58	1/4	97.38	1/4		1/4	
1/2	2,596.82	1/2	2,238.61	1/2	1,880.40	1/2	1,522.19	1/2	1,163.98	1/2	806.32	1/2	448.12	1/2	89.92	1/2		1/2	
3/4	2,589.36	3/4	2,231.15	3/4	1,872.94	3/4	1,514.73	3/4	1,156.52	3/4	798.85	3/4	440.65	3/4	82.45	3/4		3/4	
1	2,581.89	1	2,223.68	1	1,865.47	1	1,507.26	1	1,149.05	1	791.39	1	433.19	1	74.99	1		1	
1/4	2,574.43	1/4	2,216.22	1/4	1,858.01	1/4	1,499.80	1/4	1,141.60	1/4	783.93	1/4	425.73	1/4	68.00	1/4		1/4	
1/2	2,566.97	1/2	2,208.76	1/2	1,850.55	1/2	1,492.34	1/2	1,134.14	1/2	776.47	1/2	418.27	1/2	61.00	1/2		1/2	
3/4	2,559.51	3/4	2,201.30	3/4	1,843.09	3/4	1,484.88	3/4	1,126.68	3/4	769.00	3/4	410.80	3/4	54.00	3/4		3/4	
2	2,552.04	2	2,193.83	2	1,835.62	2	1,477.41	2	1,119.22	2	761.54	2	403.34	2	47.01	2		2	
1/4	2,544.58	1/4	2,186.37	1/4	1,828.16	1/4	1,469.95	1/4	1,111.76	1/4	754.08	1/4	395.88	1/4	41.41	1/4		1/4	
1/2	2,537.12	1/2	2,178.91	1/2	1,820.70	1/2	1,462.49	1/2	1,104.31	1/2	746.62	1/2	388.42	1/2	35.81	1/2		1/2	
3/4	2,529.65	3/4	2,171.44	3/4	1,813.24	3/4	1,455.03	3/4	1,096.86	3/4	739.15	3/4	380.95	3/4	30.22	3/4		3/4	
3	2,522.19	3	2,163.98	3	1,805.77	3	1,447.56	3	1,089.40	3	731.69	3	373.49	3	24.62	3		3	
1/4	2,514.73	1/4	2,156.52	1/4	1,798.31	1/4	1,440.10	1/4	1,081.95	1/4	724.23	1/4	366.03	1/4	20.89	1/4		1/4	
1/2	2,507.27	1/2	2,149.06	1/2	1,790.85	1/2	1,432.64	1/2	1,074.50	1/2	716.77	1/2	358.57	1/2		1/2		1/2	
3/4	2,499.80	3/4	2,141.59	3/4	1,783.38	3/4	1,425.17	3/4	1,067.05	3/4	709.30	3/4	351.10	3/4		3/4		3/4	
4	2,492.34	4	2,134.13	4	1,775.92	4	1,417.71	4	1,059.60	4	701.84	4	343.64	4		4		4	
1/4	2,484.88	1/4	2,126.67	1/4	1,768.46	1/4	1,410.25	1/4	1,052.15	1/4	694.38	1/4	336.18	1/4		1/4		1/4	
1/2	2,477.42	1/2	2,119.21	1/2	1,761.00	1/2	1,402.79	1/2	1,044.70	1/2	686.92	1/2	328.72	1/2		1/2		1/2	
3/4	2,469.95	3/4	2,111.74	3/4	1,753.53	3/4	1,395.32	3/4	1,037.25	3/4	679.45	3/4	321.25	3/4		3/4		3/4	
5	2,462.49	5	2,104.28	5	1,746.07	5	1,387.86	5	1,029.81	5	671.99	5	313.79	5		5		5	
1/4	2,455.03	1/4	2,096.82	1/4	1,738.61	1/4	1,380.40	1/4	1,022.36	1/4	664.53	1/4	306.33	1/4		1/4		1/4	
1/2	2,447.56	1/2	2,089.36	1/2	1,731.15	1/2	1,372.94	1/2	1,014.91	1/2	657.07	1/2	298.87	1/2		1/2		1/2	
3/4	2,440.10	3/4	2,081.89	3/4	1,723.68	3/4	1,365.47	3/4	1,007.46	3/4	649.60	3/4	291.40	3/4		3/4		3/4	
6	2,432.64	6	2,074.43	6	1,716.22	6	1,358.01	6	1,000.02	6	642.14	6	283.94	6		6		6	
1/4	2,425.18	1/4	2,066.97	1/4	1,708.76	1/4	1,350.55	1/4	992.57	1/4	634.68	1/4	276.48	1/4		1/4		1/4	
1/2	2,417.71	1/2	2,059.50	1/2	1,701.29	1/2	1,343.09	1/2	985.12	1/2	627.22	1/2	269.02	1/2		1/2		1/2	
3/4	2,410.25	3/4	2,052.04	3/4	1,693.83	3/4	1,335.62	3/4	977.67	3/4	619.75	3/4	261.55	3/4		3/4		3/4	
7	2,402.79	7	2,044.58	7	1,686.37	7	1,328.16	7	970.23	7	612.29	7	254.09	7		7		7	
1/4	2,395.33	1/4	2,037.12	1/4	1,678.91	1/4	1,320.70	1/4	962.78	1/4	604.83	1/4	246.63	1/4		1/4		1/4	
1/2	2,387.86	1/2	2,029.65	1/2	1,671.44	1/2	1,313.23	1/2	955.33	1/2	597.37	1/2	239.17	1/2		1/2		1/2	
3/4	2,380.40	3/4	2,022.19	3/4	1,663.98	3/4	1,305.77	3/4	947.88	3/4	589.90	3/4	231.70	3/4		3/4		3/4	
8	2,372.94	8	2,014.73	8	1,656.52	8	1,298.31	8	940.44	8	582.44	8	224.24	8		8		8	
1/4	2,365.48	1/4	2,007.27	1/4	1,649.06	1/4	1,290.85	1/4	932.99	1/4	574.98	1/4	216.78	1/4		1/4		1/4	
1/2	2,358.01	1/2	1,999.80	1/2	1,641.59	1/2	1,283.38	1/2	925.54	1/2	567.52	1/2	209.32	1/2		1/2		1/2	
3/4	2,350.55	3/4	1,992.34	3/4	1,634.13	3/4	1,275.92	3/4	918.09	3/4	560.05	3/4	201.85	3/4		3/4		3/4	
9	2,343.09	9	1,984.88	9	1,626.67	9	1,268.46	9	910.65	9	552.59	9	194.39	9		9		9	
1/4	2,335.62	1/4	1,977.41	1/4	1,619.21	1/4	1,261.00	1/4	903.20	1/4	545.13	1/4	186.93	1/4		1/4		1/4	
1/2	2,328.16	1/2	1,969.95	1/2	1,611.74	1/2	1,253.53	1/2	895.75	1/2	537.67	1/2	179.47	1/2		1/2		1/2	
3/4	2,320.70	3/4	1,962.49	3/4	1,604.28	3/4	1,246.07	3/4	888.30	3/4	530.20	3/4	172.00	3/4		3/4		3/4	
10	2,313.24	10	1,955.03	10	1,596.82	10	1,238.61	10	880.86	10	522.74	10	164.54	10		10		10	
1/4	2,305.77	1/4	1,947.56	1/4	1,589.35	1/4	1,231.14	1/4	873.41	1/4	515.28	1/4	157.08	1/4		1/4		1/4	
1/2	2,298.31	1/2	1,940.10	1/2	1,581.89	1/2	1,223.68	1/2	865.96	1/2	507.82	1/2	149.62	1/2		1/2		1/2	
3/4	2,290.85	3/4	1,932.64	3/4	1,574.43	3/4	1,216.22	3/4	858.51	3/4	500.35	3/4	142.15	3/4		3/4		3/4	
11	2,283.39	11	1,925.18	11	1,566.97	11	1,208.76	11	851.07	11	492.89	11	134.69	11		11		11	
1/4	2,275.92	1/4	1,917.71	1/4	1,559.50	1/4	1,201.29	1/4	843.61	1/4	485.43	1/4	127.23	1/4		1/4		1/4	
1/2	2,268.46	1/2	1,910.25	1/2	1,552.04	1/2	1,193.83	1/2	836.15	1/2	477.97	1/2	119.77	1/2		1/2		1/2	
3/4	2,261.00	3/4	1,902.79	3/4	1,544.58	3/4	1,186.37	3/4	828.70	3/4	470.50	3/4	112.30	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/15/2018 CL
VERIFIED: 11/06/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "HTCO 3107"

AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	449	0	898	0	1,347	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	917	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	1,824	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	945	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	1,852	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	973	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	1,880	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	1,450	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	571	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	1,478	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	599	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	1,506	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	627	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	1,534	5	1,982	5		5		5		5		5	
1/4	197	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	1,104	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	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	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	253	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	1,160	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	730	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	1,637	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	758	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	1,665	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	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	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	384	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	1,291	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	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	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	440	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: 10/17/2013 SW

CALCULATED: 10/18/2013 CL

VERIFIED: 11/06/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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 3107"

FWD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	449	0	898	0	1,347	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	917	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	1,824	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	945	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	1,852	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	973	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	1,880	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	1,450	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	571	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	1,478	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	599	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	1,506	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	627	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	1,534	5	1,982	5		5		5		5		5	
1/4	197	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	1,104	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	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	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	253	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	1,160	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	730	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	1,637	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	758	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	1,665	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	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	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	384	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	1,291	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	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	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	440	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: 10/17/2013 SW

CALCULATED: 10/18/2013 CL

VERIFIED: 11/06/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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 3107"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-11 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	120	0	298	0	456	0		0		0		0		0		0	
1/4	1	1/4	123	1/4	302	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2	1/2	127	1/2	305	1/2	461	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3	3/4	130	3/4	309	3/4	463	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	134	1	313	1	466	1		1		1		1		1		1	
1/4	5	1/4	137	1/4	316	1/4	468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6	1/2	141	1/2	320	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	8	3/4	144	3/4	324	3/4	472	3/4		3/4		3/4		3/4		3/4		3/4	
2	9	2	148	2	327	2	475	2		2		2		2		2		2	
1/4	11	1/4	152	1/4	331	1/4	477	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	13	1/2	155	1/2	335	1/2	478	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	15	3/4	159	3/4	338	3/4	480	3/4		3/4		3/4		3/4		3/4		3/4	
3	16	3	162	3	342	3	482	3		3		3		3		3		3	
1/4	19	1/4	166	1/4	346	1/4	484	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	170	1/2	349	1/2	485	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23	3/4	173	3/4	353	3/4	487	3/4		3/4		3/4		3/4		3/4		3/4	
4	25	4	177	4	356	4	488	4		4		4		4		4		4	
1/4	27	1/4	181	1/4	360	1/4	489	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30	1/2	185	1/2	363	1/2	490	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	32	3/4	188	3/4	367	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
5	35	5	192	5	370	5	492	5		5		5		5		5		5	
1/4	37	1/4	196	1/4	374	1/4	493	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	200	1/2	377	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	42	3/4	203	3/4	381	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	45	6	207	6	384	6		6		6		6		6		6		6	
1/4	48	1/4	211	1/4	387	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	215	1/2	391	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	218	3/4	394	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	56	7	222	7	397	7		7		7		7		7		7		7	
1/4	59	1/4	226	1/4	401	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	230	1/2	404	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	234	3/4	407	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	68	8	237	8	410	8		8		8		8		8		8		8	
1/4	71	1/4	241	1/4	413	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74	1/2	245	1/2	416	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	77	3/4	249	3/4	420	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	80	9	252	9	423	9		9		9		9		9		9		9	
1/4	83	1/4	256	1/4	426	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	87	1/2	260	1/2	429	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	264	3/4	432	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	93	10	268	10	434	10		10		10		10		10		10		10	
1/4	96	1/4	271	1/4	437	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	100	1/2	275	1/2	440	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	279	3/4	443	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	106	11	283	11	446	11		11		11		11		11		11		11	
1/4	110	1/4	287	1/4	448	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113	1/2	290	1/2	451	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116	3/4	294	3/4	454	3/4		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 AT 2" DIAMETER STANDPIPE.

STRAPPED: 10/17/2013 SW
CALCULATED: 10/18/2013 CL
VERIFIED: 11/06/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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