



# BARGE "HTCO 3108"

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	- 00-1/2	00-1/2
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	- 00-1/2	00-1/2
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	- 00-1/2	00-1/2	- 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	- 00-1/2	00-1/2	- 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	- 00-1/2	00-1/2
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	- 00-1/2	00-1/2

(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"

January 9, 2024

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

<http://www.pmacorp.net>





# BARGE "HTCO 3108"

**1 PORT  
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	2,549.44	0	2,190.88	0	1,832.32	0	1,473.76	0	1,115.24	0	758.83	0	404.91	0	89.57	0			
1/4	2,541.97	1/4	2,183.41	1/4	1,824.85	1/4	1,466.29	1/4	1,107.79	1/4	751.39	1/4	397.85	1/4	83.46	1/4			1/4
1/2	2,534.50	1/2	2,175.94	1/2	1,817.38	1/2	1,458.82	1/2	1,100.35	1/2	743.92	1/2	390.87	1/2	77.42	1/2			1/2
3/4	2,527.03	3/4	2,168.47	3/4	1,809.91	3/4	1,451.35	3/4	1,092.91	3/4	736.45	3/4	383.89	3/4	71.39	3/4			3/4
1	2,519.56	1	2,161.00	1	1,802.44	1	1,443.88	1	1,085.47	1	728.98	1	376.91	1	65.35	1			1
1/4	2,512.09	1/4	2,153.53	1/4	1,794.97	1/4	1,436.41	1/4	1,078.03	1/4	721.51	1/4	369.93	1/4	59.32	1/4			1/4
1/2	2,504.62	1/2	2,146.06	1/2	1,787.50	1/2	1,428.94	1/2	1,070.59	1/2	714.04	1/2	363.03	1/2	53.83	1/2			1/2
3/4	2,497.15	3/4	2,138.59	3/4	1,780.03	3/4	1,421.47	3/4	1,063.16	3/4	706.57	3/4	356.12	3/4	48.35	3/4			3/4
2	2,489.68	2	2,131.12	2	1,772.56	2	1,414.00	2	1,055.73	2	699.10	2	349.22	2	42.86	2			2
1/4	2,482.21	1/4	2,123.65	1/4	1,765.09	1/4	1,406.53	1/4	1,048.29	1/4	691.63	1/4	342.31	1/4	37.38	1/4			1/4
1/2	2,474.74	1/2	2,116.18	1/2	1,757.62	1/2	1,399.06	1/2	1,040.87	1/2	684.16	1/2	335.48	1/2	33.37	1/2			1/2
3/4	2,467.27	3/4	2,108.71	3/4	1,750.15	3/4	1,391.59	3/4	1,033.44	3/4	676.69	3/4	328.65	3/4	29.37	3/4			3/4
3	2,459.80	3	2,101.24	3	1,742.68	3	1,384.12	3	1,026.01	3	669.22	3	321.82	3	25.36	3			3
1/4	2,452.33	1/4	2,093.77	1/4	1,735.21	1/4	1,376.65	1/4	1,018.59	1/4	661.75	1/4	314.99	1/4	21.36	1/4			1/4
1/2	2,444.86	1/2	2,086.30	1/2	1,727.74	1/2	1,369.18	1/2	1,011.16	1/2	654.28	1/2	308.24	1/2	18.45	1/2			1/2
3/4	2,437.39	3/4	2,078.83	3/4	1,720.27	3/4	1,361.71	3/4	1,003.74	3/4	646.81	3/4	301.48	3/4		3/4			3/4
4	2,429.92	4	2,071.36	4	1,712.80	4	1,354.24	4	996.32	4	639.34	4	294.73	4		4			4
1/4	2,422.45	1/4	2,063.89	1/4	1,705.33	1/4	1,346.77	1/4	988.90	1/4	631.87	1/4	287.98	1/4		1/4			1/4
1/2	2,414.98	1/2	2,056.42	1/2	1,697.86	1/2	1,339.30	1/2	981.48	1/2	624.40	1/2	281.31	1/2		1/2			1/2
3/4	2,407.51	3/4	2,048.95	3/4	1,690.39	3/4	1,331.83	3/4	974.06	3/4	616.93	3/4	274.64	3/4		3/4			3/4
5	2,400.04	5	2,041.48	5	1,682.92	5	1,324.36	5	966.64	5	609.46	5	267.97	5		5			5
1/4	2,392.57	1/4	2,034.01	1/4	1,675.45	1/4	1,316.89	1/4	959.22	1/4	601.99	1/4	261.30	1/4		1/4			1/4
1/2	2,385.10	1/2	2,026.54	1/2	1,667.98	1/2	1,309.42	1/2	951.80	1/2	594.52	1/2	254.71	1/2		1/2			1/2
3/4	2,377.63	3/4	2,019.07	3/4	1,660.51	3/4	1,301.95	3/4	944.38	3/4	587.05	3/4	248.13	3/4		3/4			3/4
6	2,370.16	6	2,011.60	6	1,653.04	6	1,294.48	6	936.96	6	579.58	6	241.54	6		6			6
1/4	2,362.69	1/4	2,004.13	1/4	1,645.57	1/4	1,287.01	1/4	929.55	1/4	572.11	1/4	234.95	1/4		1/4			1/4
1/2	2,355.22	1/2	1,996.66	1/2	1,638.10	1/2	1,279.54	1/2	922.13	1/2	564.66	1/2	228.44	1/2		1/2			1/2
3/4	2,347.75	3/4	1,989.19	3/4	1,630.63	3/4	1,272.07	3/4	914.71	3/4	557.22	3/4	221.93	3/4		3/4			3/4
7	2,340.28	7	1,981.72	7	1,623.16	7	1,264.60	7	907.29	7	549.77	7	215.43	7		7			7
1/4	2,332.81	1/4	1,974.25	1/4	1,615.69	1/4	1,257.13	1/4	899.87	1/4	542.32	1/4	208.92	1/4		1/4			1/4
1/2	2,325.34	1/2	1,966.78	1/2	1,608.22	1/2	1,249.66	1/2	892.45	1/2	534.94	1/2	202.49	1/2		1/2			1/2
3/4	2,317.87	3/4	1,959.31	3/4	1,600.75	3/4	1,242.19	3/4	885.03	3/4	527.55	3/4	196.07	3/4		3/4			3/4
8	2,310.40	8	1,951.84	8	1,593.28	8	1,234.72	8	877.61	8	520.17	8	189.64	8		8			8
1/4	2,302.93	1/4	1,944.37	1/4	1,585.81	1/4	1,227.25	1/4	870.19	1/4	512.78	1/4	183.22	1/4		1/4			1/4
1/2	2,295.46	1/2	1,936.90	1/2	1,578.34	1/2	1,219.78	1/2	862.77	1/2	505.48	1/2	176.87	1/2		1/2			1/2
3/4	2,287.99	3/4	1,929.43	3/4	1,570.87	3/4	1,212.31	3/4	855.36	3/4	498.17	3/4	170.52	3/4		3/4			3/4
9	2,280.52	9	1,921.96	9	1,563.40	9	1,204.84	9	847.94	9	490.87	9	164.17	9		9			9
1/4	2,273.05	1/4	1,914.49	1/4	1,555.93	1/4	1,197.37	1/4	840.52	1/4	483.56	1/4	157.82	1/4		1/4			1/4
1/2	2,265.58	1/2	1,907.02	1/2	1,548.46	1/2	1,189.90	1/2	833.10	1/2	476.34	1/2	151.54	1/2		1/2			1/2
3/4	2,258.11	3/4	1,899.55	3/4	1,540.99	3/4	1,182.43	3/4	825.68	3/4	469.11	3/4	145.26	3/4		3/4			3/4
10	2,250.64	10	1,892.08	10	1,533.52	10	1,174.96	10	818.26	10	461.89	10	138.99	10		10			10
1/4	2,243.17	1/4	1,884.61	1/4	1,526.05	1/4	1,167.49	1/4	810.84	1/4	454.66	1/4	132.71	1/4		1/4			1/4
1/2	2,235.70	1/2	1,877.14	1/2	1,518.58	1/2	1,160.02	1/2	803.42	1/2	447.52	1/2	126.51	1/2		1/2			1/2
3/4	2,228.23	3/4	1,869.67	3/4	1,511.11	3/4	1,152.55	3/4	796.00	3/4	440.38	3/4	120.31	3/4		3/4			3/4
11	2,220.76	11	1,862.20	11	1,503.64	11	1,145.08	11	788.58	11	433.24	11	114.12	11		11			11
1/4	2,213.29	1/4	1,854.73	1/4	1,496.17	1/4	1,137.61	1/4	781.17	1/4	426.09	1/4	107.92	1/4		1/4			1/4
1/2	2,205.82	1/2	1,847.26	1/2	1,488.70	1/2	1,130.15	1/2	773.72	1/2	419.03	1/2	101.81	1/2		1/2			1/2
3/4	2,198.35	3/4	1,839.79	3/4	1,481.23	3/4	1,122.70	3/4	766.28	3/4	411.97	3/4	95.69	3/4		3/4			3/4

STRAPPED: 11/11/2013 PMA  
RECALCULATED: 12/24/2018 SW  
VERIFIED: 01/09/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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 3108"

**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	2,550.23	0	2,191.80	0	1,833.38	0	1,474.95	0	1,116.52	0	758.59	0	404.84	0	89.57	0		0	
1/4	2,542.76	1/4	2,184.33	1/4	1,825.91	1/4	1,467.48	1/4	1,109.06	1/4	751.13	1/4	397.78	1/4	83.45	1/4		1/4	
1/2	2,535.29	1/2	2,176.87	1/2	1,818.44	1/2	1,460.02	1/2	1,101.59	1/2	743.66	1/2	390.80	1/2	77.42	1/2		1/2	
3/4	2,527.83	3/4	2,169.40	3/4	1,810.97	3/4	1,452.55	3/4	1,094.12	3/4	736.20	3/4	383.82	3/4	71.39	3/4		3/4	
1	2,520.36	1	2,161.93	1	1,803.51	1	1,445.08	1	1,086.66	1	728.73	1	376.85	1	65.35	1		1	
1/4	2,512.89	1/4	2,154.47	1/4	1,796.04	1/4	1,437.61	1/4	1,079.19	1/4	721.26	1/4	369.87	1/4	59.32	1/4		1/4	
1/2	2,505.42	1/2	2,147.00	1/2	1,788.57	1/2	1,430.15	1/2	1,071.72	1/2	713.80	1/2	362.97	1/2	53.83	1/2		1/2	
3/4	2,497.96	3/4	2,139.53	3/4	1,781.11	3/4	1,422.68	3/4	1,064.26	3/4	706.33	3/4	356.06	3/4	48.35	3/4		3/4	
2	2,490.49	2	2,132.06	2	1,773.64	2	1,415.21	2	1,056.80	2	698.86	2	349.16	2	42.86	2		2	
1/4	2,483.02	1/4	2,124.60	1/4	1,766.17	1/4	1,407.75	1/4	1,049.33	1/4	691.39	1/4	342.26	1/4	37.38	1/4		1/4	
1/2	2,475.55	1/2	2,117.13	1/2	1,758.70	1/2	1,400.28	1/2	1,041.87	1/2	683.93	1/2	335.43	1/2	33.37	1/2		1/2	
3/4	2,468.09	3/4	2,109.66	3/4	1,751.24	3/4	1,392.81	3/4	1,034.41	3/4	676.46	3/4	328.60	3/4	29.37	3/4		3/4	
3	2,460.62	3	2,102.19	3	1,743.77	3	1,385.34	3	1,026.95	3	668.99	3	321.77	3	25.36	3		3	
1/4	2,453.15	1/4	2,094.73	1/4	1,736.30	1/4	1,377.88	1/4	1,019.49	1/4	661.53	1/4	314.94	1/4	21.36	1/4		1/4	
1/2	2,445.69	1/2	2,087.26	1/2	1,728.83	1/2	1,370.41	1/2	1,012.03	1/2	654.06	1/2	308.19	1/2	18.44	1/2		1/2	
3/4	2,438.22	3/4	2,079.79	3/4	1,721.37	3/4	1,362.94	3/4	1,004.58	3/4	646.59	3/4	301.44	3/4		3/4		3/4	
4	2,430.75	4	2,072.33	4	1,713.90	4	1,355.47	4	997.12	4	639.13	4	294.69	4		4		4	
1/4	2,423.28	1/4	2,064.86	1/4	1,706.43	1/4	1,348.01	1/4	989.66	1/4	631.66	1/4	287.94	1/4		1/4		1/4	
1/2	2,415.82	1/2	2,057.39	1/2	1,698.97	1/2	1,340.54	1/2	982.21	1/2	624.19	1/2	281.27	1/2		1/2		1/2	
3/4	2,408.35	3/4	2,049.92	3/4	1,691.50	3/4	1,333.07	3/4	974.76	3/4	616.72	3/4	274.61	3/4		3/4		3/4	
5	2,400.88	5	2,042.46	5	1,684.03	5	1,325.61	5	967.30	5	609.26	5	267.94	5		5		5	
1/4	2,393.42	1/4	2,034.99	1/4	1,676.56	1/4	1,318.14	1/4	959.85	1/4	601.79	1/4	261.27	1/4		1/4		1/4	
1/2	2,385.95	1/2	2,027.52	1/2	1,669.10	1/2	1,310.67	1/2	952.40	1/2	594.32	1/2	254.68	1/2		1/2		1/2	
3/4	2,378.48	3/4	2,020.06	3/4	1,661.63	3/4	1,303.20	3/4	944.94	3/4	586.86	3/4	248.09	3/4		3/4		3/4	
6	2,371.01	6	2,012.59	6	1,654.16	6	1,295.74	6	937.49	6	579.39	6	241.51	6		6		6	
1/4	2,363.55	1/4	2,005.12	1/4	1,646.70	1/4	1,288.27	1/4	930.04	1/4	571.92	1/4	234.92	1/4		1/4		1/4	
1/2	2,356.08	1/2	1,997.65	1/2	1,639.23	1/2	1,280.80	1/2	922.58	1/2	564.48	1/2	228.41	1/2		1/2		1/2	
3/4	2,348.61	3/4	1,990.19	3/4	1,631.76	3/4	1,273.34	3/4	915.13	3/4	557.04	3/4	221.91	3/4		3/4		3/4	
7	2,341.15	7	1,982.72	7	1,624.29	7	1,265.87	7	907.68	7	549.60	7	215.40	7		7		7	
1/4	2,333.68	1/4	1,975.25	1/4	1,616.83	1/4	1,258.40	1/4	900.22	1/4	542.16	1/4	208.90	1/4		1/4		1/4	
1/2	2,326.21	1/2	1,967.79	1/2	1,609.36	1/2	1,250.93	1/2	892.77	1/2	534.78	1/2	202.47	1/2		1/2		1/2	
3/4	2,318.74	3/4	1,960.32	3/4	1,601.89	3/4	1,243.47	3/4	885.32	3/4	527.41	3/4	196.05	3/4		3/4		3/4	
8	2,311.28	8	1,952.85	8	1,594.43	8	1,236.00	8	877.86	8	520.03	8	189.62	8		8		8	
1/4	2,303.81	1/4	1,945.38	1/4	1,586.96	1/4	1,228.53	1/4	870.41	1/4	512.66	1/4	183.20	1/4		1/4		1/4	
1/2	2,296.34	1/2	1,937.92	1/2	1,579.49	1/2	1,221.07	1/2	862.96	1/2	505.36	1/2	176.85	1/2		1/2		1/2	
3/4	2,288.87	3/4	1,930.45	3/4	1,572.02	3/4	1,213.60	3/4	855.50	3/4	498.06	3/4	170.50	3/4		3/4		3/4	
9	2,281.41	9	1,922.98	9	1,564.56	9	1,206.13	9	848.05	9	490.76	9	164.15	9		9		9	
1/4	2,273.94	1/4	1,915.51	1/4	1,557.09	1/4	1,198.66	1/4	840.60	1/4	483.46	1/4	157.80	1/4		1/4		1/4	
1/2	2,266.47	1/2	1,908.05	1/2	1,549.62	1/2	1,191.20	1/2	833.14	1/2	476.24	1/2	151.53	1/2		1/2		1/2	
3/4	2,259.01	3/4	1,900.58	3/4	1,542.15	3/4	1,183.73	3/4	825.69	3/4	469.02	3/4	145.25	3/4		3/4		3/4	
10	2,251.54	10	1,893.11	10	1,534.69	10	1,176.26	10	818.24	10	461.80	10	138.97	10		10		10	
1/4	2,244.07	1/4	1,885.65	1/4	1,527.22	1/4	1,168.79	1/4	810.78	1/4	454.58	1/4	132.70	1/4		1/4		1/4	
1/2	2,236.60	1/2	1,878.18	1/2	1,519.75	1/2	1,161.33	1/2	803.33	1/2	447.44	1/2	126.50	1/2		1/2		1/2	
3/4	2,229.14	3/4	1,870.71	3/4	1,512.29	3/4	1,153.86	3/4	795.88	3/4	440.30	3/4	120.31	3/4		3/4		3/4	
11	2,221.67	11	1,863.24	11	1,504.82	11	1,146.39	11	788.42	11	433.15	11	114.11	11		11		11	
1/4	2,214.20	1/4	1,855.78	1/4	1,497.35	1/4	1,138.93	1/4	780.97	1/4	426.01	1/4	107.91	1/4		1/4		1/4	
1/2	2,206.74	1/2	1,848.31	1/2	1,489.88	1/2	1,131.46	1/2	773.51	1/2	418.95	1/2	101.80	1/2		1/2		1/2	
3/4	2,199.27	3/4	1,840.84	3/4	1,482.42	3/4	1,123.99	3/4	766.05	3/4	411.90	3/4	95.68	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 PMA  
RECALCULATED: 12/24/2018 SW  
VERIFIED: 01/09/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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



# BARGE "HTCO 3108"

## 2 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 17'-04"

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	4,783.39	0	4,425.55	0	4,066.42	0	3,707.19	0	3,347.95	0	2,988.71
1/4		1/4		1/4		1/4		1/4	4,775.97	1/4	4,418.09	1/4	4,058.94	1/4	3,699.70	1/4	3,340.47	1/4	2,981.23
1/2		1/2		1/2		1/2		1/2	4,768.54	1/2	4,410.63	1/2	4,051.45	1/2	3,692.22	1/2	3,332.98	1/2	2,973.75
3/4		3/4		3/4		3/4		3/4	4,761.12	3/4	4,403.16	3/4	4,043.97	3/4	3,684.73	3/4	3,325.50	3/4	2,966.27
1		1		1		1		1	4,753.70	1	4,395.69	1	4,036.49	1	3,677.25	1	3,318.01	1	2,958.78
1/4		1/4		1/4		1/4		1/4	4,746.28	1/4	4,388.22	1/4	4,029.00	1/4	3,669.77	1/4	3,310.53	1/4	2,951.29
1/2		1/2		1/2		1/2		1/2	5,083.49	1/2	4,738.85	1/2	4,380.74	1/2	4,021.52	1/2	3,662.28	1/2	2,943.81
3/4		3/4		3/4		3/4		3/4	5,078.74	3/4	4,731.43	3/4	4,373.27	3/4	4,014.03	3/4	3,654.80	3/4	2,936.32
2		2		2		2		2	5,072.92	2	4,723.99	2	4,365.79	2	4,006.55	2	3,647.31	2	2,928.83
1/4		1/4		1/4		1/4		1/4	5,067.09	1/4	4,716.55	1/4	4,358.30	1/4	3,999.07	1/4	3,639.83	1/4	2,921.34
1/2		1/2		1/2		1/2		1/2	5,061.27	1/2	4,709.10	1/2	4,350.82	1/2	3,991.58	1/2	3,632.34	1/2	2,913.85
3/4		3/4		3/4		3/4		3/4	5,055.45	3/4	4,701.66	3/4	4,343.33	3/4	3,984.10	3/4	3,624.86	3/4	2,906.36
3		3		3		3		3	5,048.62	3	4,694.20	3	4,335.85	3	3,976.61	3	3,617.38	3	2,898.88
1/4		1/4		1/4		1/4		1/4	5,041.80	1/4	4,686.74	1/4	4,328.37	1/4	3,969.13	1/4	3,609.89	1/4	2,891.39
1/2		1/2		1/2		1/2		1/2	5,034.97	1/2	4,679.27	1/2	4,320.88	1/2	3,961.65	1/2	3,602.41	1/2	2,883.90
3/4		3/4		3/4		3/4		3/4	5,028.15	3/4	4,671.81	3/4	4,313.40	3/4	3,954.16	3/4	3,594.92	3/4	2,876.41
4		4		4		4		4	5,020.79	4	4,664.35	4	4,305.91	4	3,946.68	4	3,587.44	4	2,868.92
1/4		1/4		1/4		1/4		1/4	5,013.43	1/4	4,656.89	1/4	4,298.43	1/4	3,939.19	1/4	3,579.96	1/4	2,861.43
1/2		1/2		1/2		1/2		1/2	5,006.06	1/2	4,649.42	1/2	4,290.95	1/2	3,931.71	1/2	3,572.47	1/2	2,853.95
3/4		3/4		3/4		3/4		3/4	4,998.70	3/4	4,641.96	3/4	4,283.46	3/4	3,924.22	3/4	3,564.99	3/4	2,846.46
5		5		5		5		5	4,991.28	5	4,634.50	5	4,275.98	5	3,916.74	5	3,557.50	5	2,838.97
1/4		1/4		1/4		1/4		1/4	4,983.85	1/4	4,627.04	1/4	4,268.49	1/4	3,909.26	1/4	3,550.02	1/4	2,831.48
1/2		1/2		1/2		1/2		1/2	4,976.42	1/2	4,619.57	1/2	4,261.01	1/2	3,901.77	1/2	3,542.54	1/2	2,823.99
3/4		3/4		3/4		3/4		3/4	4,969.00	3/4	4,612.11	3/4	4,253.53	3/4	3,894.29	3/4	3,535.05	3/4	2,816.51
6		6		6		6		6	4,961.57	6	4,604.65	6	4,246.04	6	3,886.80	6	3,527.57	6	2,809.02
1/4		1/4		1/4		1/4		1/4	4,954.14	1/4	4,597.19	1/4	4,238.56	1/4	3,879.32	1/4	3,520.08	1/4	2,801.53
1/2		1/2		1/2		1/2		1/2	4,946.72	1/2	4,589.72	1/2	4,231.07	1/2	3,871.84	1/2	3,512.60	1/2	2,794.04
3/4		3/4		3/4		3/4		3/4	4,939.29	3/4	4,582.26	3/4	4,223.59	3/4	3,864.35	3/4	3,505.12	3/4	2,786.55
7		7		7		7		7	4,931.86	7	4,574.80	7	4,216.10	7	3,856.87	7	3,497.63	7	2,779.06
1/4		1/4		1/4		1/4		1/4	4,924.44	1/4	4,567.34	1/4	4,208.62	1/4	3,849.38	1/4	3,490.15	1/4	2,771.58
1/2		1/2		1/2		1/2		1/2	4,917.01	1/2	4,559.88	1/2	4,201.14	1/2	3,841.90	1/2	3,482.66	1/2	2,764.09
3/4		3/4		3/4		3/4		3/4	4,909.58	3/4	4,552.41	3/4	4,193.65	3/4	3,834.42	3/4	3,475.18	3/4	2,756.60
8		8		8		8		8	4,902.16	8	4,544.95	8	4,186.17	8	3,826.93	8	3,467.69	8	2,749.11
1/4		1/4		1/4		1/4		1/4	4,894.73	1/4	4,537.49	1/4	4,178.68	1/4	3,819.45	1/4	3,460.21	1/4	2,741.62
1/2		1/2		1/2		1/2		1/2	4,887.31	1/2	4,530.03	1/2	4,171.20	1/2	3,811.96	1/2	3,452.73	1/2	2,734.14
3/4		3/4		3/4		3/4		3/4	4,879.88	3/4	4,522.56	3/4	4,163.72	3/4	3,804.48	3/4	3,445.24	3/4	2,726.65
9		9		9		9		9	4,872.46	9	4,515.10	9	4,156.23	9	3,797.00	9	3,437.76	9	2,719.16
1/4		1/4		1/4		1/4		1/4	4,865.04	1/4	4,507.64	1/4	4,148.75	1/4	3,789.51	1/4	3,430.27	1/4	2,711.67
1/2		1/2		1/2		1/2		1/2	4,857.62	1/2	4,500.18	1/2	4,141.26	1/2	3,782.03	1/2	3,422.79	1/2	2,704.18
3/4		3/4		3/4		3/4		3/4	4,850.19	3/4	4,492.71	3/4	4,133.78	3/4	3,774.54	3/4	3,415.31	3/4	2,696.69
10		10		10		10		10	4,842.77	10	4,485.25	10	4,126.30	10	3,767.06	10	3,407.82	10	2,689.21
1/4		1/4		1/4		1/4		1/4	4,835.35	1/4	4,477.79	1/4	4,118.81	1/4	3,759.57	1/4	3,400.34	1/4	2,681.72
1/2		1/2		1/2		1/2		1/2	4,827.93	1/2	4,470.33	1/2	4,111.33	1/2	3,752.09	1/2	3,392.85	1/2	2,674.23
3/4		3/4		3/4		3/4		3/4	4,820.50	3/4	4,462.86	3/4	4,103.84	3/4	3,744.61	3/4	3,385.37	3/4	2,666.74
11		11		11		11		11	4,813.08	11	4,455.40	11	4,096.36	11	3,737.12	11	3,377.89	11	2,659.25
1/4		1/4		1/4		1/4		1/4	4,805.66	1/4	4,447.94	1/4	4,088.88	1/4	3,729.64	1/4	3,370.40	1/4	2,651.77
1/2		1/2		1/2		1/2		1/2	4,798.24	1/2	4,440.48	1/2	4,081.39	1/2	3,722.15	1/2	3,362.92	1/2	2,644.28
3/4		3/4		3/4		3/4		3/4	4,790.81	3/4	4,433.01	3/4	4,073.91	3/4	3,714.67	3/4	3,355.43	3/4	2,636.79

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'-03" 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 3108"

## 2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-04"

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	2,629.30	0	2,269.87	0	1,910.43	0	1,551.00	0	1,191.71	0	846.05	0	487.09	0	127.66	0		0	
1/4	2,621.81	1/4	2,262.38	1/4	1,902.95	1/4	1,543.51	1/4	1,184.36	1/4	838.71	1/4	479.60	1/4	120.17	1/4		1/4	
1/2	2,614.32	1/2	2,254.89	1/2	1,895.46	1/2	1,536.02	1/2	1,177.01	1/2	831.38	1/2	472.11	1/2	112.69	1/2		1/2	
3/4	2,606.84	3/4	2,247.40	3/4	1,887.97	3/4	1,528.54	3/4	1,169.67	3/4	824.05	3/4	464.62	3/4	105.20	3/4		3/4	
1	2,599.35	1	2,239.91	1	1,880.48	1	1,521.05	1	1,162.46	1	816.56	1	457.13	1	97.71	1		1	
1/4	2,591.86	1/4	2,232.43	1/4	1,872.99	1/4	1,513.56	1/4	1,155.26	1/4	809.07	1/4	449.65	1/4	90.22	1/4		1/4	
1/2	2,584.37	1/2	2,224.94	1/2	1,865.50	1/2	1,506.07	1/2	1,148.05	1/2	801.58	1/2	442.16	1/2	82.73	1/2		1/2	
3/4	2,576.88	3/4	2,217.45	3/4	1,858.02	3/4	1,498.58	3/4	1,140.85	3/4	794.09	3/4	434.67	3/4	75.25	3/4		3/4	
2	2,569.40	2	2,209.96	2	1,850.53	2	1,491.09	2	1,133.65	2	786.61	2	427.18	2	68.23	2		2	
1/4	2,561.91	1/4	2,202.47	1/4	1,843.04	1/4	1,483.61	1/4	1,126.45	1/4	779.12	1/4	419.69	1/4	61.21	1/4		1/4	
1/2	2,554.42	1/2	2,194.99	1/2	1,835.55	1/2	1,476.12	1/2	1,119.25	1/2	771.63	1/2	412.21	1/2	54.19	1/2		1/2	
3/4	2,546.93	3/4	2,187.50	3/4	1,828.06	3/4	1,468.63	3/4	1,112.05	3/4	764.14	3/4	404.72	3/4	47.17	3/4		3/4	
3	2,539.44	3	2,180.01	3	1,820.58	3	1,461.14	3	1,104.86	3	756.65	3	397.23	3	41.55	3		3	
1/4	2,531.95	1/4	2,172.52	1/4	1,813.09	1/4	1,453.65	1/4	1,097.67	1/4	749.17	1/4	389.74	1/4	35.93	1/4		1/4	
1/2	2,524.47	1/2	2,165.03	1/2	1,805.60	1/2	1,446.17	1/2	1,090.48	1/2	741.68	1/2	382.25	1/2	30.32	1/2		1/2	
3/4	2,516.98	3/4	2,157.54	3/4	1,798.11	3/4	1,438.68	3/4	1,083.29	3/4	734.19	3/4	374.77	3/4	24.70	3/4		3/4	
4	2,509.49	4	2,150.06	4	1,790.62	4	1,431.19	4	1,076.10	4	726.70	4	367.28	4	20.96	4		4	
1/4	2,502.00	1/4	2,142.57	1/4	1,783.13	1/4	1,423.70	1/4	1,068.91	1/4	719.21	1/4	359.79	1/4		1/4		1/4	
1/2	2,494.51	1/2	2,135.08	1/2	1,775.65	1/2	1,416.21	1/2	1,061.72	1/2	711.73	1/2	352.30	1/2		1/2		1/2	
3/4	2,487.02	3/4	2,127.59	3/4	1,768.16	3/4	1,408.72	3/4	1,054.53	3/4	704.24	3/4	344.81	3/4		3/4		3/4	
5	2,479.54	5	2,120.10	5	1,760.67	5	1,401.24	5	1,047.35	5	696.75	5	337.33	5		5		5	
1/4	2,472.05	1/4	2,112.61	1/4	1,753.18	1/4	1,393.75	1/4	1,040.17	1/4	689.26	1/4	329.84	1/4		1/4		1/4	
1/2	2,464.56	1/2	2,105.13	1/2	1,745.69	1/2	1,386.26	1/2	1,032.98	1/2	681.77	1/2	322.35	1/2		1/2		1/2	
3/4	2,457.07	3/4	2,097.64	3/4	1,738.20	3/4	1,378.77	3/4	1,025.80	3/4	674.29	3/4	314.86	3/4		3/4		3/4	
6	2,449.58	6	2,090.15	6	1,730.72	6	1,371.28	6	1,018.61	6	666.80	6	307.37	6		6		6	
1/4	2,442.10	1/4	2,082.66	1/4	1,723.23	1/4	1,363.79	1/4	1,011.43	1/4	659.31	1/4	299.89	1/4		1/4		1/4	
1/2	2,434.61	1/2	2,075.17	1/2	1,715.74	1/2	1,356.31	1/2	1,004.25	1/2	651.82	1/2	292.40	1/2		1/2		1/2	
3/4	2,427.12	3/4	2,067.69	3/4	1,708.25	3/4	1,348.82	3/4	997.06	3/4	644.33	3/4	284.91	3/4		3/4		3/4	
7	2,419.63	7	2,060.20	7	1,700.76	7	1,341.33	7	989.88	7	636.85	7	277.42	7		7		7	
1/4	2,412.14	1/4	2,052.71	1/4	1,693.28	1/4	1,333.84	1/4	982.69	1/4	629.36	1/4	269.93	1/4		1/4		1/4	
1/2	2,404.65	1/2	2,045.22	1/2	1,685.79	1/2	1,326.35	1/2	975.51	1/2	621.87	1/2	262.45	1/2		1/2		1/2	
3/4	2,397.17	3/4	2,037.73	3/4	1,678.30	3/4	1,318.87	3/4	968.33	3/4	614.38	3/4	254.96	3/4		3/4		3/4	
8	2,389.68	8	2,030.24	8	1,670.81	8	1,311.38	8	961.14	8	606.89	8	247.47	8		8		8	
1/4	2,382.19	1/4	2,022.76	1/4	1,663.32	1/4	1,303.89	1/4	953.96	1/4	599.41	1/4	239.98	1/4		1/4		1/4	
1/2	2,374.70	1/2	2,015.27	1/2	1,655.83	1/2	1,296.40	1/2	946.77	1/2	591.92	1/2	232.49	1/2		1/2		1/2	
3/4	2,367.21	3/4	2,007.78	3/4	1,648.35	3/4	1,288.91	3/4	939.59	3/4	584.43	3/4	225.01	3/4		3/4		3/4	
9	2,359.73	9	2,000.29	9	1,640.86	9	1,281.42	9	932.40	9	576.94	9	217.52	9		9		9	
1/4	2,352.24	1/4	1,992.80	1/4	1,633.37	1/4	1,273.94	1/4	925.22	1/4	569.45	1/4	210.03	1/4		1/4		1/4	
1/2	2,344.75	1/2	1,985.32	1/2	1,625.88	1/2	1,266.45	1/2	918.04	1/2	561.97	1/2	202.54	1/2		1/2		1/2	
3/4	2,337.26	3/4	1,977.83	3/4	1,618.39	3/4	1,258.96	3/4	910.85	3/4	554.48	3/4	195.05	3/4		3/4		3/4	
10	2,329.77	10	1,970.34	10	1,610.91	10	1,251.47	10	903.67	10	546.99	10	187.57	10		10		10	
1/4	2,322.28	1/4	1,962.85	1/4	1,603.42	1/4	1,243.98	1/4	896.48	1/4	539.50	1/4	180.08	1/4		1/4		1/4	
1/2	2,314.80	1/2	1,955.36	1/2	1,595.93	1/2	1,236.50	1/2	889.30	1/2	532.01	1/2	172.59	1/2		1/2		1/2	
3/4	2,307.31	3/4	1,947.87	3/4	1,588.44	3/4	1,229.01	3/4	882.12	3/4	524.53	3/4	165.10	3/4		3/4		3/4	
11	2,299.82	11	1,940.39	11	1,580.95	11	1,221.52	11	874.93	11	517.04	11	157.61	11		11		11	
1/4	2,292.33	1/4	1,932.90	1/4	1,573.46	1/4	1,214.03	1/4	867.75	1/4	509.55	1/4	150.13	1/4		1/4		1/4	
1/2	2,284.84	1/2	1,925.41	1/2	1,565.98	1/2	1,206.54	1/2	860.56	1/2	502.06	1/2	142.64	1/2		1/2		1/2	
3/4	2,277.36	3/4	1,917.92	3/4	1,558.49	3/4	1,199.05	3/4	853.38	3/4	494.57	3/4	135.15	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 PMA  
RECALCULATED: 12/24/2018 SW  
VERIFIED: 01/09/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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







# BARGE "HTCO 3108"

## 2 STBD 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	2,635.06	0	2,275.72	0	1,916.37	0	1,557.03	0	1,197.69	0	838.79	0	479.47	0	120.14	0		0	
1/4	2,627.57	1/4	2,268.23	1/4	1,908.89	1/4	1,549.55	1/4	1,190.20	1/4	831.31	1/4	471.99	1/4	112.65	1/4		1/4	
1/2	2,620.09	1/2	2,260.74	1/2	1,901.40	1/2	1,542.06	1/2	1,182.72	1/2	823.83	1/2	464.50	1/2	105.17	1/2		1/2	
3/4	2,612.60	3/4	2,253.26	3/4	1,893.92	3/4	1,534.57	3/4	1,175.23	3/4	816.35	3/4	457.01	3/4	97.68	3/4		3/4	
1	2,605.11	1	2,245.77	1	1,886.43	1	1,527.09	1	1,167.74	1	808.86	1	449.53	1	90.20	1		1	
1/4	2,597.63	1/4	2,238.29	1/4	1,878.94	1/4	1,519.60	1/4	1,160.26	1/4	801.37	1/4	442.04	1/4	82.71	1/4		1/4	
1/2	2,590.14	1/2	2,230.80	1/2	1,871.46	1/2	1,512.11	1/2	1,152.77	1/2	793.89	1/2	434.56	1/2	75.22	1/2		1/2	
3/4	2,582.65	3/4	2,223.31	3/4	1,863.97	3/4	1,504.63	3/4	1,145.29	3/4	786.40	3/4	427.07	3/4	68.21	3/4		3/4	
2	2,575.17	2	2,215.83	2	1,856.48	2	1,497.14	2	1,137.80	2	778.92	2	419.58	2	61.19	2		2	
1/4	2,567.68	1/4	2,208.34	1/4	1,849.00	1/4	1,489.66	1/4	1,130.32	1/4	771.43	1/4	412.10	1/4	54.17	1/4		1/4	
1/2	2,560.20	1/2	2,200.85	1/2	1,841.51	1/2	1,482.17	1/2	1,122.84	1/2	763.94	1/2	404.61	1/2	47.15	1/2		1/2	
3/4	2,552.71	3/4	2,193.37	3/4	1,834.02	3/4	1,474.68	3/4	1,115.36	3/4	756.46	3/4	397.13	3/4	41.54	3/4		3/4	
3	2,545.22	3	2,185.88	3	1,826.54	3	1,467.20	3	1,107.88	3	748.97	3	389.64	3	35.92	3		3	
1/4	2,537.74	1/4	2,178.39	1/4	1,819.05	1/4	1,459.71	1/4	1,100.40	1/4	741.49	1/4	382.15	1/4	30.31	1/4		1/4	
1/2	2,530.25	1/2	2,170.91	1/2	1,811.57	1/2	1,452.22	1/2	1,092.91	1/2	734.00	1/2	374.67	1/2	24.69	1/2		1/2	
3/4	2,522.76	3/4	2,163.42	3/4	1,804.08	3/4	1,444.74	3/4	1,085.44	3/4	726.51	3/4	367.18	3/4	20.95	3/4		3/4	
4	2,515.28	4	2,155.94	4	1,796.59	4	1,437.25	4	1,077.96	4	719.03	4	359.70	4		4		4	
1/4	2,507.79	1/4	2,148.45	1/4	1,789.11	1/4	1,429.76	1/4	1,070.48	1/4	711.54	1/4	352.21	1/4		1/4		1/4	
1/2	2,500.31	1/2	2,140.96	1/2	1,781.62	1/2	1,422.28	1/2	1,063.00	1/2	704.06	1/2	344.72	1/2		1/2		1/2	
3/4	2,492.82	3/4	2,133.48	3/4	1,774.13	3/4	1,414.79	3/4	1,055.53	3/4	696.57	3/4	337.24	3/4		3/4		3/4	
5	2,485.33	5	2,125.99	5	1,766.65	5	1,407.31	5	1,048.06	5	689.08	5	329.75	5		5		5	
1/4	2,477.85	1/4	2,118.50	1/4	1,759.16	1/4	1,399.82	1/4	1,040.58	1/4	681.60	1/4	322.26	1/4		1/4		1/4	
1/2	2,470.36	1/2	2,111.02	1/2	1,751.68	1/2	1,392.33	1/2	1,033.11	1/2	674.11	1/2	314.78	1/2		1/2		1/2	
3/4	2,462.87	3/4	2,103.53	3/4	1,744.19	3/4	1,384.85	3/4	1,025.64	3/4	666.63	3/4	307.29	3/4		3/4		3/4	
6	2,455.39	6	2,096.05	6	1,736.70	6	1,377.36	6	1,018.17	6	659.14	6	299.81	6		6		6	
1/4	2,447.90	1/4	2,088.56	1/4	1,729.22	1/4	1,369.87	1/4	1,010.69	1/4	651.65	1/4	292.32	1/4		1/4		1/4	
1/2	2,440.42	1/2	2,081.07	1/2	1,721.73	1/2	1,362.39	1/2	1,003.22	1/2	644.17	1/2	284.83	1/2		1/2		1/2	
3/4	2,432.93	3/4	2,073.59	3/4	1,714.24	3/4	1,354.90	3/4	995.75	3/4	636.68	3/4	277.35	3/4		3/4		3/4	
7	2,425.44	7	2,066.10	7	1,706.76	7	1,347.42	7	988.27	7	629.19	7	269.86	7		7		7	
1/4	2,417.96	1/4	2,058.61	1/4	1,699.27	1/4	1,339.93	1/4	980.80	1/4	621.71	1/4	262.38	1/4		1/4		1/4	
1/2	2,410.47	1/2	2,051.13	1/2	1,691.79	1/2	1,332.44	1/2	973.33	1/2	614.22	1/2	254.89	1/2		1/2		1/2	
3/4	2,402.98	3/4	2,043.64	3/4	1,684.30	3/4	1,324.96	3/4	965.85	3/4	606.74	3/4	247.40	3/4		3/4		3/4	
8	2,395.50	8	2,036.16	8	1,676.81	8	1,317.47	8	958.38	8	599.25	8	239.92	8		8		8	
1/4	2,388.01	1/4	2,028.67	1/4	1,669.33	1/4	1,309.98	1/4	950.91	1/4	591.76	1/4	232.43	1/4		1/4		1/4	
1/2	2,380.52	1/2	2,021.18	1/2	1,661.84	1/2	1,302.50	1/2	943.43	1/2	584.28	1/2	224.95	1/2		1/2		1/2	
3/4	2,373.04	3/4	2,013.70	3/4	1,654.35	3/4	1,295.01	3/4	935.96	3/4	576.79	3/4	217.46	3/4		3/4		3/4	
9	2,365.55	9	2,006.21	9	1,646.87	9	1,287.53	9	928.49	9	569.31	9	209.97	9		9		9	
1/4	2,358.07	1/4	1,998.72	1/4	1,639.38	1/4	1,280.04	1/4	921.01	1/4	561.82	1/4	202.49	1/4		1/4		1/4	
1/2	2,350.58	1/2	1,991.24	1/2	1,631.89	1/2	1,272.55	1/2	913.54	1/2	554.33	1/2	195.00	1/2		1/2		1/2	
3/4	2,343.09	3/4	1,983.75	3/4	1,624.41	3/4	1,265.07	3/4	906.07	3/4	546.85	3/4	187.51	3/4		3/4		3/4	
10	2,335.61	10	1,976.26	10	1,616.92	10	1,257.58	10	898.59	10	539.36	10	180.03	10		10		10	
1/4	2,328.12	1/4	1,968.78	1/4	1,609.44	1/4	1,250.09	1/4	891.12	1/4	531.88	1/4	172.54	1/4		1/4		1/4	
1/2	2,320.63	1/2	1,961.29	1/2	1,601.95	1/2	1,242.61	1/2	883.65	1/2	524.39	1/2	165.06	1/2		1/2		1/2	
3/4	2,313.15	3/4	1,953.81	3/4	1,594.46	3/4	1,235.12	3/4	876.17	3/4	516.90	3/4	157.57	3/4		3/4		3/4	
11	2,305.66	11	1,946.32	11	1,586.98	11	1,227.63	11	868.70	11	509.42	11	150.08	11		11		11	
1/4	2,298.18	1/4	1,938.83	1/4	1,579.49	1/4	1,220.15	1/4	861.23	1/4	501.93	1/4	142.60	1/4		1/4		1/4	
1/2	2,290.69	1/2	1,931.35	1/2	1,572.00	1/2	1,212.66	1/2	853.75	1/2	494.44	1/2	135.11	1/2		1/2		1/2	
3/4	2,283.20	3/4	1,923.86	3/4	1,564.52	3/4	1,205.18	3/4	846.27	3/4	486.96	3/4	127.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 PMA  
RECALCULATED: 12/24/2018 SW  
VERIFIED: 01/09/2024 CL

CANCELS AND SUPERCEDES  
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**BARGE "HTCO 3108"**

**3 PORT**

**ULLAGE TABLE**

**HERMETIC**

**GAUGE HEIGHT 17'-03 1/4"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,374.66	0	4,128.13	0	3,880.76	0	3,633.37	0	3,304.51	0	2,947.85
1/4		1/4		1/4		1/4		1/4	4,369.55	1/4	4,122.98	1/4	3,875.61	1/4	3,628.22	1/4	3,297.10	1/4	2,940.41
1/2		1/2		1/2		1/2		1/2	4,364.44	1/2	4,117.83	1/2	3,870.45	1/2	3,623.06	1/2	3,289.68	1/2	2,932.98
3/4		3/4		3/4		3/4		3/4	4,593.06	3/4	4,359.33	3/4	4,112.69	3/4	3,865.30	3/4	3,617.91	3/4	3,282.27
1		1		1		1		1	4,590.61	1	4,354.21	1	4,107.54	1	3,860.15	1	3,612.75	1	3,274.86
1/4		1/4		1/4		1/4		1/4	4,587.09	1/4	4,349.09	1/4	4,102.38	1/4	3,854.99	1/4	3,607.60	1/4	3,267.44
1/2		1/2		1/2		1/2		1/2	4,583.58	1/2	4,343.96	1/2	4,097.23	1/2	3,849.84	1/2	3,602.45	1/2	3,260.01
3/4		3/4		3/4		3/4		3/4	4,580.06	3/4	4,338.83	3/4	4,092.08	3/4	3,844.68	3/4	3,597.29	3/4	3,252.59
2		2		2		2		2	4,576.54	2	4,333.71	2	4,086.92	2	3,839.53	2	3,592.14	2	3,245.17
1/4		1/4		1/4		1/4		1/4	4,572.03	1/4	4,328.57	1/4	4,081.77	1/4	3,834.38	1/4	3,586.41	1/4	3,237.74
1/2		1/2		1/2		1/2		1/2	4,567.51	1/2	4,323.43	1/2	4,076.61	1/2	3,829.22	1/2	3,580.68	1/2	3,230.30
3/4		3/4		3/4		3/4		3/4	4,563.00	3/4	4,318.29	3/4	4,071.46	3/4	3,824.07	3/4	3,574.95	3/4	3,222.87
3		3		3		3		3	4,558.48	3	4,313.15	3	4,066.31	3	3,818.91	3	3,569.22	3	3,215.44
1/4		1/4		1/4		1/4		1/4	4,553.43	1/4	4,308.01	1/4	4,061.15	1/4	3,813.76	1/4	3,562.36	1/4	3,208.00
1/2		1/2		1/2		1/2		1/2	4,548.39	1/2	4,302.87	1/2	4,056.00	1/2	3,808.61	1/2	3,555.49	1/2	3,200.57
3/4		3/4		3/4		3/4		3/4	4,543.34	3/4	4,297.73	3/4	4,050.84	3/4	3,803.45	3/4	3,548.63	3/4	3,193.14
4		4		4		4		4	4,538.29	4	4,292.59	4	4,045.69	4	3,798.30	4	3,541.77	4	3,185.71
1/4		1/4		1/4		1/4		1/4	4,533.17	1/4	4,287.45	1/4	4,040.54	1/4	3,793.14	1/4	3,534.34	1/4	3,178.27
1/2		1/2		1/2		1/2		1/2	4,528.06	1/2	4,282.31	1/2	4,035.38	1/2	3,787.99	1/2	3,526.92	1/2	3,170.84
3/4		3/4		3/4		3/4		3/4	4,522.94	3/4	4,277.17	3/4	4,030.23	3/4	3,782.84	3/4	3,519.50	3/4	3,163.41
5		5		5		5		5	4,517.83	5	4,272.03	5	4,025.07	5	3,777.68	5	3,512.07	5	3,155.97
1/4		1/4		1/4		1/4		1/4	4,512.71	1/4	4,266.89	1/4	4,019.92	1/4	3,772.53	1/4	3,504.65	1/4	3,148.54
1/2		1/2		1/2		1/2		1/2	4,507.60	1/2	4,261.76	1/2	4,014.77	1/2	3,767.37	1/2	3,497.24	1/2	3,141.11
3/4		3/4		3/4		3/4		3/4	4,502.48	3/4	4,256.62	3/4	4,009.61	3/4	3,762.22	3/4	3,489.82	3/4	3,133.67
6		6		6		6		6	4,497.37	6	4,251.48	6	4,004.46	6	3,757.07	6	3,482.40	6	3,126.24
1/4		1/4		1/4		1/4		1/4	4,492.26	1/4	4,246.34	1/4	3,999.30	1/4	3,751.91	1/4	3,474.99	1/4	3,118.81
1/2		1/2		1/2		1/2		1/2	4,487.14	1/2	4,241.20	1/2	3,994.15	1/2	3,746.76	1/2	3,467.58	1/2	3,111.38
3/4		3/4		3/4		3/4		3/4	4,482.03	3/4	4,236.06	3/4	3,989.00	3/4	3,741.60	3/4	3,460.16	3/4	3,103.94
7		7		7		7		7	4,476.91	7	4,230.92	7	3,983.84	7	3,736.45	7	3,452.75	7	3,096.51
1/4		1/4		1/4		1/4		1/4	4,471.80	1/4	4,225.78	1/4	3,978.69	1/4	3,731.30	1/4	3,445.34	1/4	3,089.08
1/2		1/2		1/2		1/2		1/2	4,466.68	1/2	4,220.64	1/2	3,973.53	1/2	3,726.14	1/2	3,437.93	1/2	3,081.64
3/4		3/4		3/4		3/4		3/4	4,461.57	3/4	4,215.50	3/4	3,968.38	3/4	3,720.99	3/4	3,430.52	3/4	3,074.21
8		8		8		8		8	4,456.46	8	4,210.36	8	3,963.23	8	3,715.83	8	3,423.10	8	3,066.78
1/4		1/4		1/4		1/4		1/4	4,451.35	1/4	4,205.22	1/4	3,958.07	1/4	3,710.68	1/4	3,415.69	1/4	3,059.35
1/2		1/2		1/2		1/2		1/2	4,446.23	1/2	4,200.08	1/2	3,952.92	1/2	3,705.53	1/2	3,408.28	1/2	3,051.91
3/4		3/4		3/4		3/4		3/4	4,441.12	3/4	4,194.94	3/4	3,947.76	3/4	3,700.37	3/4	3,400.87	3/4	3,044.48
9		9		9		9		9	4,436.01	9	4,189.80	9	3,942.61	9	3,695.22	9	3,393.45	9	3,037.05
1/4		1/4		1/4		1/4		1/4	4,430.90	1/4	4,184.66	1/4	3,937.46	1/4	3,690.06	1/4	3,386.04	1/4	3,029.61
1/2		1/2		1/2		1/2		1/2	4,425.78	1/2	4,179.52	1/2	3,932.30	1/2	3,684.91	1/2	3,378.63	1/2	3,022.18
3/4		3/4		3/4		3/4		3/4	4,420.67	3/4	4,174.38	3/4	3,927.15	3/4	3,679.76	3/4	3,371.22	3/4	3,014.75
10		10		10		10		10	4,415.56	10	4,169.24	10	3,921.99	10	3,674.60	10	3,363.81	10	3,007.32
1/4		1/4		1/4		1/4		1/4	4,410.45	1/4	4,164.10	1/4	3,916.84	1/4	3,669.45	1/4	3,356.39	1/4	3,000.88
1/2		1/2		1/2		1/2		1/2	4,405.34	1/2	4,158.97	1/2	3,911.69	1/2	3,664.29	1/2	3,348.98	1/2	2,992.45
3/4		3/4		3/4		3/4		3/4	4,400.22	3/4	4,153.83	3/4	3,906.53	3/4	3,659.14	3/4	3,341.57	3/4	2,985.02
11		11		11		11		11	4,395.11	11	4,148.69	11	3,901.38	11	3,653.99	11	3,334.16	11	2,977.58
1/4		1/4		1/4		1/4		1/4	4,390.00	1/4	4,143.55	1/4	3,896.22	1/4	3,648.83	1/4	3,326.74	1/4	2,970.15
1/2		1/2		1/2		1/2		1/2	4,384.89	1/2	4,138.41	1/2	3,891.07	1/2	3,643.68	1/2	3,319.33	1/2	2,962.72
3/4		3/4		3/4		3/4		3/4	4,379.78	3/4	4,133.27	3/4	3,885.92	3/4	3,638.52	3/4	3,311.92	3/4	2,955.28

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 41'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HTCO 3108"

## 3 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	2,590.92	0	2,235.02	0	1,880.65	0	1,523.39	0	1,166.55	0	819.69	0	462.23	0	104.78	0		0	
1/4	2,583.48	1/4	2,227.64	1/4	1,873.21	1/4	1,515.95	1/4	1,159.32	1/4	812.24	1/4	454.78	1/4	97.32	1/4		1/4	
1/2	2,576.04	1/2	2,220.26	1/2	1,865.76	1/2	1,508.51	1/2	1,152.09	1/2	804.79	1/2	447.33	1/2	89.87	1/2		1/2	
3/4	2,568.59	3/4	2,212.88	3/4	1,858.32	3/4	1,501.06	3/4	1,144.86	3/4	797.34	3/4	439.89	3/4	82.41	3/4		3/4	
1	2,561.15	1	2,205.50	1	1,850.88	1	1,493.62	1	1,137.62	1	789.90	1	432.44	1	74.95	1		1	
1/4	2,553.71	1/4	2,198.12	1/4	1,843.44	1/4	1,486.18	1/4	1,130.40	1/4	782.45	1/4	425.00	1/4	67.96	1/4		1/4	
1/2	2,546.27	1/2	2,190.74	1/2	1,835.99	1/2	1,478.73	1/2	1,123.17	1/2	775.00	1/2	417.55	1/2	60.97	1/2		1/2	
3/4	2,538.82	3/4	2,183.36	3/4	1,828.55	3/4	1,471.29	3/4	1,115.94	3/4	767.56	3/4	410.11	3/4	53.98	3/4		3/4	
2	2,531.38	2	2,175.98	2	1,821.11	2	1,463.85	2	1,108.72	2	760.11	2	402.66	2	46.98	2		2	
1/4	2,523.94	1/4	2,168.60	1/4	1,813.66	1/4	1,456.41	1/4	1,101.50	1/4	752.66	1/4	395.21	1/4	41.39	1/4		1/4	
1/2	2,516.49	1/2	2,161.22	1/2	1,806.22	1/2	1,448.96	1/2	1,094.28	1/2	745.21	1/2	387.77	1/2	35.80	1/2		1/2	
3/4	2,509.05	3/4	2,153.84	3/4	1,798.78	3/4	1,441.52	3/4	1,087.06	3/4	737.77	3/4	380.32	3/4	30.20	3/4		3/4	
3	2,501.61	3	2,146.46	3	1,791.34	3	1,434.08	3	1,079.84	3	730.32	3	372.88	3	24.61	3		3	
1/4	2,494.19	1/4	2,139.08	1/4	1,783.89	1/4	1,426.63	1/4	1,072.62	1/4	722.87	1/4	365.43	1/4	20.88	1/4		1/4	
1/2	2,486.76	1/2	2,131.70	1/2	1,776.45	1/2	1,419.19	1/2	1,065.40	1/2	715.43	1/2	357.99	1/2		1/2		1/2	
3/4	2,479.34	3/4	2,124.32	3/4	1,769.01	3/4	1,411.75	3/4	1,058.19	3/4	707.98	3/4	350.54	3/4		3/4		3/4	
4	2,471.91	4	2,116.94	4	1,761.56	4	1,404.30	4	1,050.97	4	700.53	4	343.09	4		4		4	
1/4	2,464.51	1/4	2,109.56	1/4	1,754.12	1/4	1,396.86	1/4	1,043.76	1/4	693.08	1/4	335.65	1/4		1/4		1/4	
1/2	2,457.11	1/2	2,102.18	1/2	1,746.68	1/2	1,389.42	1/2	1,036.54	1/2	685.64	1/2	328.20	1/2		1/2		1/2	
3/4	2,449.70	3/4	2,094.80	3/4	1,739.24	3/4	1,381.98	3/4	1,029.33	3/4	678.19	3/4	320.76	3/4		3/4		3/4	
5	2,442.30	5	2,087.42	5	1,731.79	5	1,374.53	5	1,022.12	5	670.74	5	313.31	5		5		5	
1/4	2,434.89	1/4	2,080.04	1/4	1,724.35	1/4	1,367.09	1/4	1,014.90	1/4	663.30	1/4	305.86	1/4		1/4		1/4	
1/2	2,427.49	1/2	2,072.66	1/2	1,716.91	1/2	1,359.65	1/2	1,007.69	1/2	655.85	1/2	298.42	1/2		1/2		1/2	
3/4	2,420.08	3/4	2,065.28	3/4	1,709.46	3/4	1,352.20	3/4	1,000.48	3/4	648.40	3/4	290.97	3/4		3/4		3/4	
6	2,412.68	6	2,057.90	6	1,702.02	6	1,344.76	6	993.26	6	640.95	6	283.53	6		6		6	
1/4	2,405.27	1/4	2,050.52	1/4	1,694.58	1/4	1,337.32	1/4	986.05	1/4	633.51	1/4	276.08	1/4		1/4		1/4	
1/2	2,397.87	1/2	2,043.14	1/2	1,687.14	1/2	1,329.88	1/2	978.84	1/2	626.06	1/2	268.64	1/2		1/2		1/2	
3/4	2,390.47	3/4	2,035.76	3/4	1,679.69	3/4	1,322.43	3/4	971.63	3/4	618.61	3/4	261.19	3/4		3/4		3/4	
7	2,383.06	7	2,028.38	7	1,672.25	7	1,314.99	7	964.41	7	611.17	7	253.74	7		7		7	
1/4	2,375.66	1/4	2,021.00	1/4	1,664.81	1/4	1,307.55	1/4	957.20	1/4	603.72	1/4	246.30	1/4		1/4		1/4	
1/2	2,368.25	1/2	2,013.62	1/2	1,657.36	1/2	1,300.10	1/2	949.99	1/2	596.27	1/2	238.85	1/2		1/2		1/2	
3/4	2,360.85	3/4	2,006.24	3/4	1,649.92	3/4	1,292.66	3/4	942.77	3/4	588.83	3/4	231.40	3/4		3/4		3/4	
8	2,353.44	8	1,998.86	8	1,642.48	8	1,285.22	8	935.56	8	581.38	8	223.96	8		8		8	
1/4	2,346.04	1/4	1,991.48	1/4	1,635.03	1/4	1,277.78	1/4	928.35	1/4	573.93	1/4	216.51	1/4		1/4		1/4	
1/2	2,338.63	1/2	1,984.10	1/2	1,627.59	1/2	1,270.33	1/2	921.14	1/2	566.48	1/2	209.06	1/2		1/2		1/2	
3/4	2,331.23	3/4	1,976.72	3/4	1,620.15	3/4	1,262.89	3/4	913.92	3/4	559.04	3/4	201.62	3/4		3/4		3/4	
9	2,323.83	9	1,969.34	9	1,612.71	9	1,255.45	9	906.71	9	551.59	9	194.17	9		9		9	
1/4	2,316.42	1/4	1,961.96	1/4	1,605.26	1/4	1,248.00	1/4	899.50	1/4	544.14	1/4	186.72	1/4		1/4		1/4	
1/2	2,309.02	1/2	1,954.58	1/2	1,597.82	1/2	1,240.56	1/2	892.28	1/2	536.70	1/2	179.27	1/2		1/2		1/2	
3/4	2,301.61	3/4	1,947.20	3/4	1,590.38	3/4	1,233.12	3/4	885.07	3/4	529.25	3/4	171.83	3/4		3/4		3/4	
10	2,294.21	10	1,939.82	10	1,582.93	10	1,225.68	10	877.86	10	521.80	10	164.38	10		10		10	
1/4	2,286.80	1/4	1,932.44	1/4	1,575.49	1/4	1,218.23	1/4	870.65	1/4	514.35	1/4	156.93	1/4		1/4		1/4	
1/2	2,279.40	1/2	1,925.06	1/2	1,568.05	1/2	1,210.79	1/2	863.43	1/2	506.91	1/2	149.48	1/2		1/2		1/2	
3/4	2,272.00	3/4	1,917.68	3/4	1,560.61	3/4	1,203.35	3/4	856.22	3/4	499.46	3/4	142.03	3/4		3/4		3/4	
11	2,264.59	11	1,910.30	11	1,553.16	11	1,195.90	11	849.01	11	492.01	11	134.59	11		11		11	
1/4	2,257.20	1/4	1,902.89	1/4	1,545.72	1/4	1,188.57	1/4	841.68	1/4	484.57	1/4	127.13	1/4		1/4		1/4	
1/2	2,249.81	1/2	1,895.48	1/2	1,538.28	1/2	1,181.23	1/2	834.35	1/2	477.12	1/2	119.68	1/2		1/2		1/2	
3/4	2,242.41	3/4	1,888.06	3/4	1,530.83	3/4	1,173.89	3/4	827.02	3/4	469.67	3/4	112.23	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 PMA  
RECALCULATED: 12/24/2018 SW  
VERIFIED: 01/09/2024 CL

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024





# BARGE "HTCO 3108"

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	2,627.00	0	2,268.75	0	1,910.49	0	1,552.24	0	1,193.98	0	836.26	0	478.03	0	119.78	0		0	
1/4	2,619.54	1/4	2,261.29	1/4	1,903.03	1/4	1,544.77	1/4	1,186.51	1/4	828.80	1/4	470.56	1/4	112.32	1/4		1/4	
1/2	2,612.08	1/2	2,253.82	1/2	1,895.57	1/2	1,537.31	1/2	1,179.05	1/2	821.34	1/2	463.10	1/2	104.86	1/2		1/2	
3/4	2,604.62	3/4	2,246.36	3/4	1,888.10	3/4	1,529.84	3/4	1,171.59	3/4	813.88	3/4	455.64	3/4	97.39	3/4		3/4	
1	2,597.15	1	2,238.90	1	1,880.64	1	1,522.38	1	1,164.12	1	806.42	1	448.17	1	89.93	1		1	
1/4	2,589.69	1/4	2,231.43	1/4	1,873.17	1/4	1,514.92	1/4	1,156.66	1/4	798.95	1/4	440.71	1/4	82.47	1/4		1/4	
1/2	2,582.23	1/2	2,223.97	1/2	1,865.71	1/2	1,507.45	1/2	1,149.20	1/2	791.49	1/2	433.25	1/2	75.00	1/2		1/2	
3/4	2,574.76	3/4	2,216.50	3/4	1,858.25	3/4	1,499.99	3/4	1,141.74	3/4	784.03	3/4	425.78	3/4	68.01	3/4		3/4	
2	2,567.30	2	2,209.04	2	1,850.78	2	1,492.53	2	1,134.28	2	776.56	2	418.32	2	61.01	2		2	
1/4	2,559.83	1/4	2,201.58	1/4	1,843.32	1/4	1,485.06	1/4	1,126.82	1/4	769.10	1/4	410.86	1/4	54.01	1/4		1/4	
1/2	2,552.37	1/2	2,194.11	1/2	1,835.86	1/2	1,477.60	1/2	1,119.36	1/2	761.64	1/2	403.39	1/2	47.01	1/2		1/2	
3/4	2,544.91	3/4	2,186.65	3/4	1,828.39	3/4	1,470.13	3/4	1,111.90	3/4	754.17	3/4	395.93	3/4	41.42	3/4		3/4	
3	2,537.44	3	2,179.19	3	1,820.93	3	1,462.67	3	1,104.45	3	746.71	3	388.47	3	35.82	3		3	
1/4	2,529.98	1/4	2,171.72	1/4	1,813.46	1/4	1,455.21	1/4	1,096.99	1/4	739.25	1/4	381.00	1/4	30.22	1/4		1/4	
1/2	2,522.52	1/2	2,164.26	1/2	1,806.00	1/2	1,447.74	1/2	1,089.53	1/2	731.78	1/2	373.54	1/2	24.62	1/2		1/2	
3/4	2,515.05	3/4	2,156.79	3/4	1,798.54	3/4	1,440.28	3/4	1,082.08	3/4	724.32	3/4	366.08	3/4	20.89	3/4		3/4	
4	2,507.59	4	2,149.33	4	1,791.07	4	1,432.82	4	1,074.63	4	716.86	4	358.61	4		4		4	
1/4	2,500.13	1/4	2,141.87	1/4	1,783.61	1/4	1,425.35	1/4	1,067.18	1/4	709.39	1/4	351.15	1/4		1/4		1/4	
1/2	2,492.66	1/2	2,134.40	1/2	1,776.15	1/2	1,417.89	1/2	1,059.73	1/2	701.93	1/2	343.69	1/2		1/2		1/2	
3/4	2,485.20	3/4	2,126.94	3/4	1,768.68	3/4	1,410.42	3/4	1,052.28	3/4	694.46	3/4	336.22	3/4		3/4		3/4	
5	2,477.73	5	2,119.48	5	1,761.22	5	1,402.96	5	1,044.83	5	687.00	5	328.76	5		5		5	
1/4	2,470.27	1/4	2,112.01	1/4	1,753.76	1/4	1,395.50	1/4	1,037.38	1/4	679.54	1/4	321.29	1/4		1/4		1/4	
1/2	2,462.81	1/2	2,104.55	1/2	1,746.29	1/2	1,388.03	1/2	1,029.93	1/2	672.07	1/2	313.83	1/2		1/2		1/2	
3/4	2,455.34	3/4	2,097.09	3/4	1,738.83	3/4	1,380.57	3/4	1,022.48	3/4	664.61	3/4	306.37	3/4		3/4		3/4	
6	2,447.88	6	2,089.62	6	1,731.36	6	1,373.11	6	1,015.04	6	657.15	6	298.90	6		6		6	
1/4	2,440.42	1/4	2,082.16	1/4	1,723.90	1/4	1,365.64	1/4	1,007.59	1/4	649.68	1/4	291.44	1/4		1/4		1/4	
1/2	2,432.95	1/2	2,074.69	1/2	1,716.44	1/2	1,358.18	1/2	1,000.14	1/2	642.22	1/2	283.98	1/2		1/2		1/2	
3/4	2,425.49	3/4	2,067.23	3/4	1,708.97	3/4	1,350.72	3/4	992.69	3/4	634.76	3/4	276.51	3/4		3/4		3/4	
7	2,418.02	7	2,059.77	7	1,701.51	7	1,343.25	7	985.24	7	627.29	7	269.05	7		7		7	
1/4	2,410.56	1/4	2,052.30	1/4	1,694.05	1/4	1,335.79	1/4	977.79	1/4	619.83	1/4	261.59	1/4		1/4		1/4	
1/2	2,403.10	1/2	2,044.84	1/2	1,686.58	1/2	1,328.32	1/2	970.35	1/2	612.37	1/2	254.12	1/2		1/2		1/2	
3/4	2,395.63	3/4	2,037.38	3/4	1,679.12	3/4	1,320.86	3/4	962.90	3/4	604.90	3/4	246.66	3/4		3/4		3/4	
8	2,388.17	8	2,029.91	8	1,671.65	8	1,313.40	8	955.45	8	597.44	8	239.20	8		8		8	
1/4	2,380.71	1/4	2,022.45	1/4	1,664.19	1/4	1,305.93	1/4	948.00	1/4	589.98	1/4	231.73	1/4		1/4		1/4	
1/2	2,373.24	1/2	2,014.98	1/2	1,656.73	1/2	1,298.47	1/2	940.55	1/2	582.51	1/2	224.27	1/2		1/2		1/2	
3/4	2,365.78	3/4	2,007.52	3/4	1,649.26	3/4	1,291.01	3/4	933.10	3/4	575.05	3/4	216.81	3/4		3/4		3/4	
9	2,358.31	9	2,000.06	9	1,641.80	9	1,283.54	9	925.65	9	567.59	9	209.34	9		9		9	
1/4	2,350.85	1/4	1,992.59	1/4	1,634.34	1/4	1,276.08	1/4	918.21	1/4	560.12	1/4	201.88	1/4		1/4		1/4	
1/2	2,343.39	1/2	1,985.13	1/2	1,626.87	1/2	1,268.61	1/2	910.76	1/2	552.66	1/2	194.42	1/2		1/2		1/2	
3/4	2,335.92	3/4	1,977.67	3/4	1,619.41	3/4	1,261.15	3/4	903.31	3/4	545.20	3/4	186.95	3/4		3/4		3/4	
10	2,328.46	10	1,970.20	10	1,611.94	10	1,253.69	10	895.86	10	537.73	10	179.49	10		10		10	
1/4	2,321.00	1/4	1,962.74	1/4	1,604.48	1/4	1,246.22	1/4	888.41	1/4	530.27	1/4	172.03	1/4		1/4		1/4	
1/2	2,313.53	1/2	1,955.28	1/2	1,597.02	1/2	1,238.76	1/2	880.96	1/2	522.81	1/2	164.56	1/2		1/2		1/2	
3/4	2,306.07	3/4	1,947.81	3/4	1,589.55	3/4	1,231.30	3/4	873.52	3/4	515.34	3/4	157.10	3/4		3/4		3/4	
11	2,298.61	11	1,940.35	11	1,582.09	11	1,223.83	11	866.07	11	507.88	11	149.64	11		11		11	
1/4	2,291.14	1/4	1,932.88	1/4	1,574.63	1/4	1,216.37	1/4	858.62	1/4	500.42	1/4	142.17	1/4		1/4		1/4	
1/2	2,283.68	1/2	1,925.42	1/2	1,567.16	1/2	1,208.91	1/2	851.17	1/2	492.95	1/2	134.71	1/2		1/2		1/2	
3/4	2,276.21	3/4	1,917.96	3/4	1,559.70	3/4	1,201.44	3/4	843.71	3/4	485.49	3/4	127.25	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 PMA  
RECALCULATED: 12/24/2018 SW  
VERIFIED: 01/09/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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



# BARGE "HTCO 3108"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-11 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	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	1/4	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	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	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	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	1/4	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	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	3/4	3/4	3/4	3/4	3/4
2	9	2	148	2	327	2	475	2	2	2		2	2	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	1/4	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	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	3/4	3/4	3/4	3/4	3/4
3	16	3	162	3	342	3	482	3	3	3		3	3	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	1/4	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	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	3/4	3/4	3/4	3/4	3/4
4	25	4	177	4	356	4	488	4	4	4		4	4	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	1/4	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	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	3/4	3/4	3/4	3/4	3/4
5	35	5	192	5	370	5	492	5	5	5		5	5	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	1/4	1/4	1/4	1/4	1/4
1/2	40	1/2	200	1/2	377	1/2	493	1/2	1/2	1/2		1/2	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	493	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	45	6	207	6	384	6	493	6	6	6		6	6	6	6	6	6	6	6
1/4	48	1/4	211	1/4	387	1/4	493	1/4	1/4	1/4		1/4	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	493	1/2	1/2	1/2		1/2	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	493	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	56	7	222	7	397	7	493	7	7	7		7	7	7	7	7	7	7	7
1/4	59	1/4	226	1/4	401	1/4	493	1/4	1/4	1/4		1/4	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	493	1/2	1/2	1/2		1/2	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	493	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	68	8	237	8	410	8	493	8	8	8		8	8	8	8	8	8	8	8
1/4	71	1/4	241	1/4	413	1/4	493	1/4	1/4	1/4		1/4	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	493	1/2	1/2	1/2		1/2	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	493	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	80	9	252	9	423	9	493	9	9	9		9	9	9	9	9	9	9	9
1/4	83	1/4	256	1/4	426	1/4	493	1/4	1/4	1/4		1/4	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	493	1/2	1/2	1/2		1/2	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	493	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	93	10	268	10	434	10	493	10	10	10		10	10	10	10	10	10	10	10
1/4	96	1/4	271	1/4	437	1/4	493	1/4	1/4	1/4		1/4	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	493	1/2	1/2	1/2		1/2	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	493	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	106	11	283	11	446	11	493	11	11	11		11	11	11	11	11	11	11	11
1/4	110	1/4	287	1/4	448	1/4	493	1/4	1/4	1/4		1/4	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	493	1/2	1/2	1/2		1/2	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	493	3/4	3/4	3/4		3/4	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: 10/28/2013 CL  
 CALCULATED: 10/28/2013 CL  
 VERIFIED: 01/09/2024 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 01/2024

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 3108"

## FWD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-08 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	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: 10/28/2013 CL  
CALCULATED: 10/28/2013 CL  
VERIFIED: 01/09/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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 3108"

## AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-08"

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: 10/28/2013 SW  
 CALCULATED: 10/28/2013 CL  
 VERIFIED: 01/09/2024 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 01/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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