

BARGE "HTCO 3116"

ULLAGE (HERMETIC)

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-09"

February 5, 2024

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

<http://www.pmacorp.net>



BARGE "HTCO 3116"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,693.90	0	4,337.20	0	3,979.24	0	3,621.22	0	3,263.21	0	2,905.17
1/4		1/4		1/4		1/4		1/4	4,686.50	1/4	4,329.77	1/4	3,971.78	1/4	3,613.77	1/4	3,255.75	1/4	2,897.70
1/2		1/2		1/2		1/2		1/2	4,679.11	1/2	4,322.32	1/2	3,964.32	1/2	3,606.31	1/2	3,248.29	1/2	2,890.24
3/4		3/4		3/4		3/4		3/4	4,671.71	3/4	4,314.87	3/4	3,956.87	3/4	3,598.85	3/4	3,240.83	3/4	2,882.78
1		1		1		1	5,007.77	1	4,664.31	1	4,307.42	1	3,949.41	1	3,591.39	1	3,233.37	1	2,875.32
1/4		1/4		1/4		1/4	5,003.03	1/4	4,656.91	1/4	4,299.97	1/4	3,941.95	1/4	3,583.93	1/4	3,225.91	1/4	2,867.85
1/2		1/2		1/2		1/2	4,997.23	1/2	4,649.50	1/2	4,292.51	1/2	3,934.49	1/2	3,576.47	1/2	3,218.45	1/2	2,860.39
3/4		3/4		3/4		3/4	4,991.43	3/4	4,642.08	3/4	4,285.05	3/4	3,927.03	3/4	3,569.01	3/4	3,211.00	3/4	2,852.93
2		2		2		2	4,985.63	2	4,634.66	2	4,277.59	2	3,919.57	2	3,561.55	2	3,203.54	2	2,845.47
1/4		1/4		1/4		1/4	4,979.82	1/4	4,627.25	1/4	4,270.13	1/4	3,912.11	1/4	3,554.10	1/4	3,196.08	1/4	2,838.00
1/2		1/2		1/2		1/2	4,973.02	1/2	4,619.81	1/2	4,262.67	1/2	3,904.65	1/2	3,546.64	1/2	3,188.62	1/2	2,830.54
3/4		3/4		3/4		3/4	4,966.22	3/4	4,612.37	3/4	4,255.21	3/4	3,897.20	3/4	3,539.18	3/4	3,181.16	3/4	2,823.08
3		3		3		3	4,959.42	3	4,604.94	3	4,247.75	3	3,889.74	3	3,531.72	3	3,173.70	3	2,815.61
1/4		1/4		1/4		1/4	4,952.61	1/4	4,597.50	1/4	4,240.30	1/4	3,882.28	1/4	3,524.26	1/4	3,166.24	1/4	2,808.15
1/2		1/2		1/2		1/2	4,945.28	1/2	4,590.06	1/2	4,232.84	1/2	3,874.82	1/2	3,516.80	1/2	3,158.78	1/2	2,800.69
3/4		3/4		3/4		3/4	4,937.94	3/4	4,582.62	3/4	4,225.38	3/4	3,867.36	3/4	3,509.34	3/4	3,151.33	3/4	2,793.23
4		4		4		4	4,930.61	4	4,575.19	4	4,217.92	4	3,859.90	4	3,501.88	4	3,143.87	4	2,785.76
1/4		1/4		1/4		1/4	4,923.27	1/4	4,567.75	1/4	4,210.46	1/4	3,852.44	1/4	3,494.43	1/4	3,136.41	1/4	2,778.30
1/2		1/2		1/2		1/2	4,915.87	1/2	4,560.31	1/2	4,203.00	1/2	3,844.99	1/2	3,486.97	1/2	3,128.95	1/2	2,770.84
3/4		3/4		3/4		3/4	4,908.47	3/4	4,552.88	3/4	4,195.54	3/4	3,837.53	3/4	3,479.51	3/4	3,121.49	3/4	2,763.38
5		5		5		5	4,901.07	5	4,545.44	5	4,188.09	5	3,830.07	5	3,472.05	5	3,114.03	5	2,755.91
1/4		1/4		1/4		1/4	4,893.67	1/4	4,538.00	1/4	4,180.63	1/4	3,822.61	1/4	3,464.59	1/4	3,106.57	1/4	2,748.45
1/2		1/2		1/2		1/2	4,886.26	1/2	4,530.57	1/2	4,173.17	1/2	3,815.15	1/2	3,457.13	1/2	3,099.12	1/2	2,740.99
3/4		3/4		3/4		3/4	4,878.86	3/4	4,523.13	3/4	4,165.71	3/4	3,807.69	3/4	3,449.67	3/4	3,091.66	3/4	2,733.53
6		6		6		6	4,871.46	6	4,515.69	6	4,158.25	6	3,800.23	6	3,442.22	6	3,084.20	6	2,726.06
1/4		1/4		1/4		1/4	4,864.06	1/4	4,508.25	1/4	4,150.79	1/4	3,792.77	1/4	3,434.76	1/4	3,076.74	1/4	2,718.60
1/2		1/2		1/2		1/2	4,856.66	1/2	4,500.82	1/2	4,143.33	1/2	3,785.32	1/2	3,427.30	1/2	3,069.28	1/2	2,711.14
3/4		3/4		3/4		3/4	4,849.26	3/4	4,493.38	3/4	4,135.87	3/4	3,777.86	3/4	3,419.84	3/4	3,061.82	3/4	2,703.67
7		7		7		7	4,841.86	7	4,485.94	7	4,128.42	7	3,770.40	7	3,412.38	7	3,054.36	7	2,696.21
1/4		1/4		1/4		1/4	4,834.46	1/4	4,478.51	1/4	4,120.96	1/4	3,762.94	1/4	3,404.92	1/4	3,046.90	1/4	2,688.75
1/2		1/2		1/2		1/2	4,827.06	1/2	4,471.07	1/2	4,113.50	1/2	3,755.48	1/2	3,397.46	1/2	3,039.45	1/2	2,681.29
3/4		3/4		3/4		3/4	4,819.66	3/4	4,463.63	3/4	4,106.04	3/4	3,748.02	3/4	3,390.00	3/4	3,031.99	3/4	2,673.82
8		8		8		8	4,812.26	8	4,456.20	8	4,098.58	8	3,740.56	8	3,382.55	8	3,024.53	8	2,666.36
1/4		1/4		1/4		1/4	4,804.86	1/4	4,448.76	1/4	4,091.12	1/4	3,733.10	1/4	3,375.09	1/4	3,017.07	1/4	2,658.90
1/2		1/2		1/2		1/2	4,797.46	1/2	4,441.32	1/2	4,083.66	1/2	3,725.65	1/2	3,367.63	1/2	3,009.61	1/2	2,651.44
3/4		3/4		3/4		3/4	4,790.06	3/4	4,433.88	3/4	4,076.20	3/4	3,718.19	3/4	3,360.17	3/4	3,002.15	3/4	2,643.97
9		9		9		9	4,782.67	9	4,426.45	9	4,068.75	9	3,710.73	9	3,352.71	9	2,994.69	9	2,636.51
1/4		1/4		1/4		1/4	4,775.27	1/4	4,419.01	1/4	4,061.29	1/4	3,703.27	1/4	3,345.25	1/4	2,987.23	1/4	2,629.05
1/2		1/2		1/2		1/2	4,767.87	1/2	4,411.57	1/2	4,053.83	1/2	3,695.81	1/2	3,337.79	1/2	2,979.78	1/2	2,621.58
3/4		3/4		3/4		3/4	4,760.48	3/4	4,404.14	3/4	4,046.37	3/4	3,688.35	3/4	3,330.33	3/4	2,972.32	3/4	2,614.12
10		10		10		10	4,753.08	10	4,396.70	10	4,038.91	10	3,680.89	10	3,322.88	10	2,964.86	10	2,606.66
1/4		1/4		1/4		1/4	4,745.68	1/4	4,389.26	1/4	4,031.45	1/4	3,673.43	1/4	3,315.42	1/4	2,957.40	1/4	2,599.20
1/2		1/2		1/2		1/2	4,738.28	1/2	4,381.83	1/2	4,023.99	1/2	3,665.98	1/2	3,307.96	1/2	2,949.94	1/2	2,591.73
3/4		3/4		3/4		3/4	4,730.89	3/4	4,374.39	3/4	4,016.54	3/4	3,658.52	3/4	3,300.50	3/4	2,942.48	3/4	2,584.27
11		11		11		11	4,723.49	11	4,366.95	11	4,009.08	11	3,651.06	11	3,293.04	11	2,935.02	11	2,576.81
1/4		1/4		1/4		1/4	4,716.09	1/4	4,359.51	1/4	4,001.62	1/4	3,643.60	1/4	3,285.58	1/4	2,927.56	1/4	2,569.35
1/2		1/2		1/2		1/2	4,708.69	1/2	4,352.08	1/2	3,994.16	1/2	3,636.14	1/2	3,278.12	1/2	2,920.10	1/2	2,561.88
3/4		3/4		3/4		3/4	4,701.30	3/4	4,344.64	3/4	3,986.70	3/4	3,628.68	3/4	3,270.67	3/4	2,912.63	3/4	2,554.42

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'-07" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3116"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,546.96	0	2,188.75	0	1,830.54	0	1,472.33	0	1,114.16	0	758.10	0	404.52	0	89.49	0		0	
1/4	2,539.49	1/4	2,181.29	1/4	1,823.08	1/4	1,464.87	1/4	1,106.71	1/4	750.66	1/4	397.46	1/4	83.38	1/4		1/4	
1/2	2,532.03	1/2	2,173.82	1/2	1,815.61	1/2	1,457.40	1/2	1,099.28	1/2	743.20	1/2	390.49	1/2	77.35	1/2		1/2	
3/4	2,524.57	3/4	2,166.36	3/4	1,808.15	3/4	1,449.94	3/4	1,091.85	3/4	735.74	3/4	383.52	3/4	71.32	3/4		3/4	
1	2,517.11	1	2,158.90	1	1,800.69	1	1,442.48	1	1,084.42	1	728.27	1	376.55	1	65.29	1		1	
1/4	2,509.64	1/4	2,151.43	1/4	1,793.22	1/4	1,435.02	1/4	1,076.98	1/4	720.81	1/4	369.57	1/4	59.26	1/4		1/4	
1/2	2,502.18	1/2	2,143.97	1/2	1,785.76	1/2	1,427.55	1/2	1,069.56	1/2	713.35	1/2	362.68	1/2	53.78	1/2		1/2	
3/4	2,494.72	3/4	2,136.51	3/4	1,778.30	3/4	1,420.09	3/4	1,062.13	3/4	705.89	3/4	355.78	3/4	48.30	3/4		3/4	
2	2,487.26	2	2,129.05	2	1,770.84	2	1,412.63	2	1,054.70	2	698.42	2	348.88	2	42.82	2		2	
1/4	2,479.79	1/4	2,121.58	1/4	1,763.37	1/4	1,405.16	1/4	1,047.28	1/4	690.96	1/4	341.98	1/4	37.34	1/4		1/4	
1/2	2,472.33	1/2	2,114.12	1/2	1,755.91	1/2	1,397.70	1/2	1,039.86	1/2	683.50	1/2	335.16	1/2	33.34	1/2		1/2	
3/4	2,464.87	3/4	2,106.66	3/4	1,748.45	3/4	1,390.24	3/4	1,032.44	3/4	676.04	3/4	328.33	3/4	29.34	3/4		3/4	
3	2,457.41	3	2,099.20	3	1,740.99	3	1,382.78	3	1,025.02	3	668.57	3	321.51	3	25.34	3		3	
1/4	2,449.94	1/4	2,091.73	1/4	1,733.52	1/4	1,375.31	1/4	1,017.60	1/4	661.11	1/4	314.68	1/4	21.34	1/4		1/4	
1/2	2,442.48	1/2	2,084.27	1/2	1,726.06	1/2	1,367.85	1/2	1,010.19	1/2	653.65	1/2	307.94	1/2	18.43	1/2		1/2	
3/4	2,435.02	3/4	2,076.81	3/4	1,718.60	3/4	1,360.39	3/4	1,002.77	3/4	646.19	3/4	301.19	3/4		3/4		3/4	
4	2,427.55	4	2,069.34	4	1,711.14	4	1,352.93	4	995.36	4	638.72	4	294.45	4		4		4	
1/4	2,420.09	1/4	2,061.88	1/4	1,703.67	1/4	1,345.46	1/4	987.94	1/4	631.26	1/4	287.71	1/4		1/4		1/4	
1/2	2,412.63	1/2	2,054.42	1/2	1,696.21	1/2	1,338.00	1/2	980.53	1/2	623.80	1/2	281.04	1/2		1/2		1/2	
3/4	2,405.17	3/4	2,046.96	3/4	1,688.75	3/4	1,330.54	3/4	973.12	3/4	616.34	3/4	274.38	3/4		3/4		3/4	
5	2,397.70	5	2,039.49	5	1,681.28	5	1,323.07	5	965.70	5	608.87	5	267.72	5		5		5	
1/4	2,390.24	1/4	2,032.03	1/4	1,673.82	1/4	1,315.61	1/4	958.29	1/4	601.41	1/4	261.05	1/4		1/4		1/4	
1/2	2,382.78	1/2	2,024.57	1/2	1,666.36	1/2	1,308.15	1/2	950.88	1/2	593.95	1/2	254.47	1/2		1/2		1/2	
3/4	2,375.32	3/4	2,017.11	3/4	1,658.90	3/4	1,300.69	3/4	943.47	3/4	586.48	3/4	247.89	3/4		3/4		3/4	
6	2,367.85	6	2,009.64	6	1,651.43	6	1,293.22	6	936.06	6	579.02	6	241.31	6		6		6	
1/4	2,360.39	1/4	2,002.18	1/4	1,643.97	1/4	1,285.76	1/4	928.65	1/4	571.56	1/4	234.72	1/4		1/4		1/4	
1/2	2,352.93	1/2	1,994.72	1/2	1,636.51	1/2	1,278.30	1/2	921.23	1/2	564.12	1/2	228.22	1/2		1/2		1/2	
3/4	2,345.46	3/4	1,987.26	3/4	1,629.05	3/4	1,270.84	3/4	913.82	3/4	556.68	3/4	221.72	3/4		3/4		3/4	
7	2,338.00	7	1,979.79	7	1,621.58	7	1,263.37	7	906.41	7	549.24	7	215.22	7		7		7	
1/4	2,330.54	1/4	1,972.33	1/4	1,614.12	1/4	1,255.91	1/4	899.00	1/4	541.80	1/4	208.72	1/4		1/4		1/4	
1/2	2,323.08	1/2	1,964.87	1/2	1,606.66	1/2	1,248.45	1/2	891.59	1/2	534.42	1/2	202.30	1/2		1/2		1/2	
3/4	2,315.61	3/4	1,957.40	3/4	1,599.19	3/4	1,240.99	3/4	884.17	3/4	527.04	3/4	195.88	3/4		3/4		3/4	
8	2,308.15	8	1,949.94	8	1,591.73	8	1,233.52	8	876.76	8	519.66	8	189.46	8		8		8	
1/4	2,300.69	1/4	1,942.48	1/4	1,584.27	1/4	1,226.06	1/4	869.35	1/4	512.29	1/4	183.04	1/4		1/4		1/4	
1/2	2,293.23	1/2	1,935.02	1/2	1,576.81	1/2	1,218.60	1/2	861.94	1/2	504.99	1/2	176.70	1/2		1/2		1/2	
3/4	2,285.76	3/4	1,927.55	3/4	1,569.34	3/4	1,211.13	3/4	854.53	3/4	497.69	3/4	170.35	3/4		3/4		3/4	
9	2,278.30	9	1,920.09	9	1,561.88	9	1,203.67	9	847.12	9	490.39	9	164.01	9		9		9	
1/4	2,270.84	1/4	1,912.63	1/4	1,554.42	1/4	1,196.21	1/4	839.70	1/4	483.09	1/4	157.67	1/4		1/4		1/4	
1/2	2,263.38	1/2	1,905.17	1/2	1,546.96	1/2	1,188.75	1/2	832.29	1/2	475.88	1/2	151.39	1/2		1/2		1/2	
3/4	2,255.91	3/4	1,897.70	3/4	1,539.49	3/4	1,181.28	3/4	824.88	3/4	468.66	3/4	145.12	3/4		3/4		3/4	
10	2,248.45	10	1,890.24	10	1,532.03	10	1,173.82	10	817.47	10	461.44	10	138.85	10		10		10	
1/4	2,240.99	1/4	1,882.78	1/4	1,524.57	1/4	1,166.36	1/4	810.06	1/4	454.23	1/4	132.58	1/4		1/4		1/4	
1/2	2,233.52	1/2	1,875.31	1/2	1,517.11	1/2	1,158.90	1/2	802.65	1/2	447.09	1/2	126.39	1/2		1/2		1/2	
3/4	2,226.06	3/4	1,867.85	3/4	1,509.64	3/4	1,151.43	3/4	795.23	3/4	439.95	3/4	120.20	3/4		3/4		3/4	
11	2,218.60	11	1,860.39	11	1,502.18	11	1,143.97	11	787.82	11	432.82	11	114.01	11		11		11	
1/4	2,211.14	1/4	1,852.93	1/4	1,494.72	1/4	1,136.51	1/4	780.41	1/4	425.68	1/4	107.82	1/4		1/4		1/4	
1/2	2,203.67	1/2	1,845.46	1/2	1,487.25	1/2	1,129.06	1/2	772.97	1/2	418.63	1/2	101.71	1/2		1/2		1/2	
3/4	2,196.21	3/4	1,838.00	3/4	1,479.79	3/4	1,121.61	3/4	765.54	3/4	411.57	3/4	95.60	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2014 SW
RECALCULATED: 02/19/2019 CL
VERIFIED: 02/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3116"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,697.29	0	4,340.46	0	3,982.38	0	3,624.23	0	3,266.09	0	2,907.95
1/4		1/4		1/4		1/4		1/4	4,689.89	1/4	4,333.02	1/4	3,974.91	1/4	3,616.77	1/4	3,258.63	1/4	2,900.49
1/2		1/2		1/2		1/2		1/2	4,682.49	1/2	4,325.57	1/2	3,967.45	1/2	3,609.31	1/2	3,251.17	1/2	2,893.02
3/4		3/4		3/4		3/4		3/4	4,675.09	3/4	4,318.12	3/4	3,959.99	3/4	3,601.85	3/4	3,243.71	3/4	2,885.55
1		1		1		1	5,011.25	1	4,667.69	1	4,310.66	1	3,952.53	1	3,594.39	1	3,236.25	1	2,878.09
1/4		1/4		1/4		1/4	5,006.51	1/4	4,660.29	1/4	4,303.21	1/4	3,945.07	1/4	3,586.93	1/4	3,228.78	1/4	2,870.62
1/2		1/2		1/2		1/2	5,000.71	1/2	4,652.87	1/2	4,295.75	1/2	3,937.61	1/2	3,579.47	1/2	3,221.32	1/2	2,863.16
3/4		3/4		3/4		3/4	4,994.90	3/4	4,645.45	3/4	4,288.29	3/4	3,930.15	3/4	3,572.00	3/4	3,213.86	3/4	2,855.69
2		2		2		2	4,989.10	2	4,638.03	2	4,280.83	2	3,922.69	2	3,564.54	2	3,206.40	2	2,848.23
1/4		1/4		1/4		1/4	4,983.30	1/4	4,630.61	1/4	4,273.37	1/4	3,915.22	1/4	3,557.08	1/4	3,198.94	1/4	2,840.76
1/2		1/2		1/2		1/2	4,976.49	1/2	4,623.17	1/2	4,265.90	1/2	3,907.76	1/2	3,549.62	1/2	3,191.48	1/2	2,833.30
3/4		3/4		3/4		3/4	4,969.69	3/4	4,615.73	3/4	4,258.44	3/4	3,900.30	3/4	3,542.16	3/4	3,184.02	3/4	2,825.83
3		3		3		3	4,962.89	3	4,608.29	3	4,250.98	3	3,892.84	3	3,534.70	3	3,176.56	3	2,818.37
1/4		1/4		1/4		1/4	4,956.08	1/4	4,600.85	1/4	4,243.52	1/4	3,885.38	1/4	3,527.24	1/4	3,169.09	1/4	2,810.90
1/2		1/2		1/2		1/2	4,948.75	1/2	4,593.41	1/2	4,236.06	1/2	3,877.92	1/2	3,519.77	1/2	3,161.63	1/2	2,803.43
3/4		3/4		3/4		3/4	4,941.41	3/4	4,585.97	3/4	4,228.60	3/4	3,870.46	3/4	3,512.31	3/4	3,154.17	3/4	2,795.97
4		4		4		4	4,934.07	4	4,578.53	4	4,221.14	4	3,862.99	4	3,504.85	4	3,146.71	4	2,788.50
1/4		1/4		1/4		1/4	4,926.74	1/4	4,571.09	1/4	4,213.68	1/4	3,855.53	1/4	3,497.39	1/4	3,139.25	1/4	2,781.04
1/2		1/2		1/2		1/2	4,919.33	1/2	4,563.65	1/2	4,206.21	1/2	3,848.07	1/2	3,489.93	1/2	3,131.79	1/2	2,773.57
3/4		3/4		3/4		3/4	4,911.93	3/4	4,556.21	3/4	4,198.75	3/4	3,840.61	3/4	3,482.47	3/4	3,124.33	3/4	2,766.11
5		5		5		5	4,904.53	5	4,548.77	5	4,191.29	5	3,833.15	5	3,475.01	5	3,116.86	5	2,758.64
1/4		1/4		1/4		1/4	4,897.12	1/4	4,541.33	1/4	4,183.83	1/4	3,825.69	1/4	3,467.55	1/4	3,109.40	1/4	2,751.18
1/2		1/2		1/2		1/2	4,889.72	1/2	4,533.89	1/2	4,176.37	1/2	3,818.23	1/2	3,460.08	1/2	3,101.94	1/2	2,743.71
3/4		3/4		3/4		3/4	4,882.31	3/4	4,526.45	3/4	4,168.91	3/4	3,810.77	3/4	3,452.62	3/4	3,094.48	3/4	2,736.25
6		6		6		6	4,874.91	6	4,519.01	6	4,161.45	6	3,803.30	6	3,445.16	6	3,087.02	6	2,728.78
1/4		1/4		1/4		1/4	4,867.51	1/4	4,511.57	1/4	4,153.99	1/4	3,795.84	1/4	3,437.70	1/4	3,079.56	1/4	2,721.32
1/2		1/2		1/2		1/2	4,860.10	1/2	4,504.13	1/2	4,146.52	1/2	3,788.38	1/2	3,430.24	1/2	3,072.10	1/2	2,713.85
3/4		3/4		3/4		3/4	4,852.70	3/4	4,496.69	3/4	4,139.06	3/4	3,780.92	3/4	3,422.78	3/4	3,064.64	3/4	2,706.38
7		7		7		7	4,845.30	7	4,489.25	7	4,131.60	7	3,773.46	7	3,415.32	7	3,057.17	7	2,698.92
1/4		1/4		1/4		1/4	4,837.89	1/4	4,481.81	1/4	4,124.14	1/4	3,766.00	1/4	3,407.86	1/4	3,049.71	1/4	2,691.45
1/2		1/2		1/2		1/2	4,830.49	1/2	4,474.38	1/2	4,116.68	1/2	3,758.54	1/2	3,400.39	1/2	3,042.25	1/2	2,683.99
3/4		3/4		3/4		3/4	4,823.09	3/4	4,466.94	3/4	4,109.22	3/4	3,751.08	3/4	3,392.93	3/4	3,034.79	3/4	2,676.52
8		8		8		8	4,815.69	8	4,459.50	8	4,101.76	8	3,743.61	8	3,385.47	8	3,027.33	8	2,669.06
1/4		1/4		1/4		1/4	4,808.28	1/4	4,452.06	1/4	4,094.30	1/4	3,736.15	1/4	3,378.01	1/4	3,019.87	1/4	2,661.59
1/2		1/2		1/2		1/2	4,800.88	1/2	4,444.62	1/2	4,086.83	1/2	3,728.69	1/2	3,370.55	1/2	3,012.41	1/2	2,654.13
3/4		3/4		3/4		3/4	4,793.48	3/4	4,437.18	3/4	4,079.37	3/4	3,721.23	3/4	3,363.09	3/4	3,004.95	3/4	2,646.66
9		9		9		9	4,786.08	9	4,429.74	9	4,071.91	9	3,713.77	9	3,355.63	9	2,997.48	9	2,639.20
1/4		1/4		1/4		1/4	4,778.68	1/4	4,422.30	1/4	4,064.45	1/4	3,706.31	1/4	3,348.17	1/4	2,990.02	1/4	2,631.73
1/2		1/2		1/2		1/2	4,771.29	1/2	4,414.86	1/2	4,056.99	1/2	3,698.85	1/2	3,340.70	1/2	2,982.56	1/2	2,624.27
3/4		3/4		3/4		3/4	4,763.89	3/4	4,407.42	3/4	4,049.53	3/4	3,691.38	3/4	3,333.24	3/4	2,975.10	3/4	2,616.80
10		10		10		10	4,756.49	10	4,399.98	10	4,042.07	10	3,683.92	10	3,325.78	10	2,967.64	10	2,609.33
1/4		1/4		1/4		1/4	4,749.09	1/4	4,392.54	1/4	4,034.60	1/4	3,676.46	1/4	3,318.32	1/4	2,960.18	1/4	2,601.87
1/2		1/2		1/2		1/2	4,741.69	1/2	4,385.10	1/2	4,027.14	1/2	3,669.00	1/2	3,310.86	1/2	2,952.72	1/2	2,594.40
3/4		3/4		3/4		3/4	4,734.29	3/4	4,377.66	3/4	4,019.68	3/4	3,661.54	3/4	3,303.40	3/4	2,945.25	3/4	2,586.94
11		11		11		11	4,726.89	11	4,370.22	11	4,012.22	11	3,654.08	11	3,295.94	11	2,937.79	11	2,579.47
1/4		1/4		1/4		1/4	4,719.49	1/4	4,362.78	1/4	4,004.76	1/4	3,646.62	1/4	3,288.47	1/4	2,930.33	1/4	2,572.01
1/2		1/2		1/2		1/2	4,712.09	1/2	4,355.34	1/2	3,997.30	1/2	3,639.16	1/2	3,281.01	1/2	2,922.87	1/2	2,564.54
3/4		3/4		3/4		3/4	4,704.69	3/4	4,347.90	3/4	3,989.84	3/4	3,631.69	3/4	3,273.55	3/4	2,915.41	3/4	2,557.08

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3116"

1 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,549.61	0	2,191.27	0	1,832.93	0	1,474.59	0	1,116.25	0	758.41	0	404.74	0	89.55	0		0	
1/4	2,542.15	1/4	2,183.81	1/4	1,825.47	1/4	1,467.13	1/4	1,108.79	1/4	750.95	1/4	397.68	1/4	83.43	1/4		1/4	
1/2	2,534.68	1/2	2,176.34	1/2	1,818.00	1/2	1,459.66	1/2	1,101.32	1/2	743.48	1/2	390.71	1/2	77.40	1/2		1/2	
3/4	2,527.22	3/4	2,168.88	3/4	1,810.54	3/4	1,452.20	3/4	1,093.86	3/4	736.02	3/4	383.73	3/4	71.37	3/4		3/4	
1	2,519.75	1	2,161.41	1	1,803.07	1	1,444.73	1	1,086.39	1	728.55	1	376.75	1	65.34	1		1	
1/4	2,512.28	1/4	2,153.95	1/4	1,795.61	1/4	1,437.27	1/4	1,078.93	1/4	721.09	1/4	369.78	1/4	59.30	1/4		1/4	
1/2	2,504.82	1/2	2,146.48	1/2	1,788.14	1/2	1,429.80	1/2	1,071.47	1/2	713.62	1/2	362.88	1/2	53.82	1/2		1/2	
3/4	2,497.35	3/4	2,139.01	3/4	1,780.68	3/4	1,422.34	3/4	1,064.00	3/4	706.16	3/4	355.98	3/4	48.33	3/4		3/4	
2	2,489.89	2	2,131.55	2	1,773.21	2	1,414.87	2	1,056.54	2	698.69	2	349.07	2	42.85	2		2	
1/4	2,482.42	1/4	2,124.08	1/4	1,765.74	1/4	1,407.41	1/4	1,049.08	1/4	691.23	1/4	342.17	1/4	37.37	1/4		1/4	
1/2	2,474.96	1/2	2,116.62	1/2	1,758.28	1/2	1,399.94	1/2	1,041.62	1/2	683.76	1/2	335.35	1/2	33.36	1/2		1/2	
3/4	2,467.49	3/4	2,109.15	3/4	1,750.81	3/4	1,392.47	3/4	1,034.16	3/4	676.30	3/4	328.52	3/4	29.36	3/4		3/4	
3	2,460.03	3	2,101.69	3	1,743.35	3	1,385.01	3	1,026.70	3	668.83	3	321.69	3	25.36	3		3	
1/4	2,452.56	1/4	2,094.22	1/4	1,735.88	1/4	1,377.54	1/4	1,019.24	1/4	661.37	1/4	314.86	1/4	21.35	1/4		1/4	
1/2	2,445.10	1/2	2,086.76	1/2	1,728.42	1/2	1,370.08	1/2	1,011.79	1/2	653.90	1/2	308.11	1/2	18.44	1/2		1/2	
3/4	2,437.63	3/4	2,079.29	3/4	1,720.95	3/4	1,362.61	3/4	1,004.33	3/4	646.44	3/4	301.37	3/4		3/4		3/4	
4	2,430.16	4	2,071.83	4	1,713.49	4	1,355.15	4	996.88	4	638.97	4	294.62	4		4		4	
1/4	2,422.70	1/4	2,064.36	1/4	1,706.02	1/4	1,347.68	1/4	989.42	1/4	631.51	1/4	287.87	1/4		1/4		1/4	
1/2	2,415.23	1/2	2,056.89	1/2	1,698.56	1/2	1,340.22	1/2	981.97	1/2	624.04	1/2	281.21	1/2		1/2		1/2	
3/4	2,407.77	3/4	2,049.43	3/4	1,691.09	3/4	1,332.75	3/4	974.52	3/4	616.58	3/4	274.54	3/4		3/4		3/4	
5	2,400.30	5	2,041.96	5	1,683.62	5	1,325.29	5	967.07	5	609.11	5	267.87	5		5		5	
1/4	2,392.84	1/4	2,034.50	1/4	1,676.16	1/4	1,317.82	1/4	959.62	1/4	601.64	1/4	261.20	1/4		1/4		1/4	
1/2	2,385.37	1/2	2,027.03	1/2	1,668.69	1/2	1,310.35	1/2	952.17	1/2	594.18	1/2	254.62	1/2		1/2		1/2	
3/4	2,377.91	3/4	2,019.57	3/4	1,661.23	3/4	1,302.89	3/4	944.71	3/4	586.71	3/4	248.03	3/4		3/4		3/4	
6	2,370.44	6	2,012.10	6	1,653.76	6	1,295.42	6	937.26	6	579.25	6	241.45	6		6		6	
1/4	2,362.98	1/4	2,004.64	1/4	1,646.30	1/4	1,287.96	1/4	929.81	1/4	571.78	1/4	234.86	1/4		1/4		1/4	
1/2	2,355.51	1/2	1,997.17	1/2	1,638.83	1/2	1,280.49	1/2	922.36	1/2	564.34	1/2	228.36	1/2		1/2		1/2	
3/4	2,348.05	3/4	1,989.71	3/4	1,631.37	3/4	1,273.03	3/4	914.91	3/4	556.91	3/4	221.85	3/4		3/4		3/4	
7	2,340.58	7	1,982.24	7	1,623.90	7	1,265.56	7	907.46	7	549.47	7	215.35	7		7		7	
1/4	2,333.11	1/4	1,974.78	1/4	1,616.44	1/4	1,258.10	1/4	900.01	1/4	542.03	1/4	208.85	1/4		1/4		1/4	
1/2	2,325.65	1/2	1,967.31	1/2	1,608.97	1/2	1,250.63	1/2	892.55	1/2	534.65	1/2	202.42	1/2		1/2		1/2	
3/4	2,318.18	3/4	1,959.84	3/4	1,601.51	3/4	1,243.17	3/4	885.10	3/4	527.28	3/4	196.00	3/4		3/4		3/4	
8	2,310.72	8	1,952.38	8	1,594.04	8	1,235.70	8	877.65	8	519.91	8	189.58	8		8		8	
1/4	2,303.25	1/4	1,944.91	1/4	1,586.57	1/4	1,228.24	1/4	870.20	1/4	512.53	1/4	183.16	1/4		1/4		1/4	
1/2	2,295.79	1/2	1,937.45	1/2	1,579.11	1/2	1,220.77	1/2	862.75	1/2	505.24	1/2	176.81	1/2		1/2		1/2	
3/4	2,288.32	3/4	1,929.98	3/4	1,571.64	3/4	1,213.30	3/4	855.30	3/4	497.94	3/4	170.46	3/4		3/4		3/4	
9	2,280.86	9	1,922.52	9	1,564.18	9	1,205.84	9	847.84	9	490.64	9	164.11	9		9		9	
1/4	2,273.39	1/4	1,915.05	1/4	1,556.71	1/4	1,198.37	1/4	840.39	1/4	483.35	1/4	157.76	1/4		1/4		1/4	
1/2	2,265.93	1/2	1,907.59	1/2	1,549.25	1/2	1,190.91	1/2	832.94	1/2	476.13	1/2	151.49	1/2		1/2		1/2	
3/4	2,258.46	3/4	1,900.12	3/4	1,541.78	3/4	1,183.44	3/4	825.49	3/4	468.91	3/4	145.21	3/4		3/4		3/4	
10	2,251.00	10	1,892.66	10	1,534.32	10	1,175.98	10	818.04	10	461.69	10	138.94	10		10		10	
1/4	2,243.53	1/4	1,885.19	1/4	1,526.85	1/4	1,168.51	1/4	810.59	1/4	454.47	1/4	132.67	1/4		1/4		1/4	
1/2	2,236.06	1/2	1,877.73	1/2	1,519.39	1/2	1,161.05	1/2	803.14	1/2	447.33	1/2	126.47	1/2		1/2		1/2	
3/4	2,228.60	3/4	1,870.26	3/4	1,511.92	3/4	1,153.58	3/4	795.68	3/4	440.19	3/4	120.28	3/4		3/4		3/4	
11	2,221.13	11	1,862.79	11	1,504.46	11	1,146.12	11	788.23	11	433.05	11	114.08	11		11		11	
1/4	2,213.67	1/4	1,855.33	1/4	1,496.99	1/4	1,138.65	1/4	780.78	1/4	425.91	1/4	107.89	1/4		1/4		1/4	
1/2	2,206.20	1/2	1,847.86	1/2	1,489.52	1/2	1,131.19	1/2	773.32	1/2	418.85	1/2	101.77	1/2		1/2		1/2	
3/4	2,198.74	3/4	1,840.40	3/4	1,482.06	3/4	1,123.72	3/4	765.86	3/4	411.80	3/4	95.66	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2014 SW
RECALCULATED: 02/19/2019 CL
VERIFIED: 02/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3116"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,774.82	0	4,417.03	0	4,057.96	0	3,698.81	0	3,339.66	0	2,980.50
1/4		1/4		1/4		1/4		1/4	4,767.40	1/4	4,409.57	1/4	4,050.48	1/4	3,691.33	1/4	3,332.18	1/4	2,973.02
1/2		1/2		1/2		1/2		1/2	4,759.98	1/2	4,402.10	1/2	4,043.00	1/2	3,683.85	1/2	3,324.70	1/2	2,965.53
3/4		3/4		3/4		3/4		3/4	4,752.55	3/4	4,394.63	3/4	4,035.51	3/4	3,676.36	3/4	3,317.21	3/4	2,958.05
1		1		1		1		1	4,745.13	1	4,387.16	1	4,028.03	1	3,668.88	1	3,309.73	1	2,950.56
1/4		1/4		1/4		1/4	5,082.27	1/4	4,737.71	1/4	4,379.69	1/4	4,020.55	1/4	3,661.40	1/4	3,302.25	1/4	2,943.07
1/2		1/2		1/2		1/2	5,077.52	1/2	4,730.29	1/2	4,372.22	1/2	4,013.07	1/2	3,653.92	1/2	3,294.77	1/2	2,935.59
3/4		3/4		3/4		3/4	5,071.69	3/4	4,722.85	3/4	4,364.74	3/4	4,005.59	3/4	3,646.44	3/4	3,287.28	3/4	2,928.10
2		2		2		2	5,065.87	2	4,715.41	2	4,357.25	2	3,998.10	2	3,638.95	2	3,279.80	2	2,920.61
1/4		1/4		1/4		1/4	5,060.05	1/4	4,707.97	1/4	4,349.77	1/4	3,990.62	1/4	3,631.47	1/4	3,272.32	1/4	2,913.13
1/2		1/2		1/2		1/2	5,054.23	1/2	4,700.53	1/2	4,342.29	1/2	3,983.14	1/2	3,623.99	1/2	3,264.84	1/2	2,905.64
3/4		3/4		3/4		3/4	5,047.41	3/4	4,693.07	3/4	4,334.81	3/4	3,975.66	3/4	3,616.51	3/4	3,257.36	3/4	2,898.16
3		3		3		3	5,040.58	3	4,685.61	3	4,327.32	3	3,968.17	3	3,609.02	3	3,249.87	3	2,890.67
1/4		1/4		1/4		1/4	5,033.76	1/4	4,678.15	1/4	4,319.84	1/4	3,960.69	1/4	3,601.54	1/4	3,242.39	1/4	2,883.18
1/2		1/2		1/2		1/2	5,026.94	1/2	4,670.69	1/2	4,312.36	1/2	3,953.21	1/2	3,594.06	1/2	3,234.91	1/2	2,875.70
3/4		3/4		3/4		3/4	5,019.58	3/4	4,663.23	3/4	4,304.88	3/4	3,945.73	3/4	3,586.58	3/4	3,227.43	3/4	2,868.21
4		4		4		4	5,012.22	4	4,655.77	4	4,297.40	4	3,938.24	4	3,579.09	4	3,219.94	4	2,860.72
1/4		1/4		1/4		1/4	5,004.86	1/4	4,648.30	1/4	4,289.91	1/4	3,930.76	1/4	3,571.61	1/4	3,212.46	1/4	2,853.24
1/2		1/2		1/2		1/2	4,997.50	1/2	4,640.84	1/2	4,282.43	1/2	3,923.28	1/2	3,564.13	1/2	3,204.98	1/2	2,845.75
3/4		3/4		3/4		3/4	4,990.08	3/4	4,633.38	3/4	4,274.95	3/4	3,915.80	3/4	3,556.65	3/4	3,197.50	3/4	2,838.26
5		5		5		5	4,982.65	5	4,625.92	5	4,267.47	5	3,908.32	5	3,549.17	5	3,190.01	5	2,830.78
1/4		1/4		1/4		1/4	4,975.23	1/4	4,618.46	1/4	4,259.98	1/4	3,900.83	1/4	3,541.68	1/4	3,182.53	1/4	2,823.29
1/2		1/2		1/2		1/2	4,967.80	1/2	4,611.00	1/2	4,252.50	1/2	3,893.35	1/2	3,534.20	1/2	3,175.05	1/2	2,815.81
3/4		3/4		3/4		3/4	4,960.38	3/4	4,603.54	3/4	4,245.02	3/4	3,885.87	3/4	3,526.72	3/4	3,167.57	3/4	2,808.32
6		6		6		6	4,952.95	6	4,596.08	6	4,237.54	6	3,878.39	6	3,519.24	6	3,160.09	6	2,800.83
1/4		1/4		1/4		1/4	4,945.53	1/4	4,588.62	1/4	4,230.05	1/4	3,870.90	1/4	3,511.75	1/4	3,152.60	1/4	2,793.35
1/2		1/2		1/2		1/2	4,938.10	1/2	4,581.16	1/2	4,222.57	1/2	3,863.42	1/2	3,504.27	1/2	3,145.12	1/2	2,785.86
3/4		3/4		3/4		3/4	4,930.68	3/4	4,573.70	3/4	4,215.09	3/4	3,855.94	3/4	3,496.79	3/4	3,137.64	3/4	2,778.37
7		7		7		7	4,923.25	7	4,566.24	7	4,207.61	7	3,848.46	7	3,489.31	7	3,130.16	7	2,770.89
1/4		1/4		1/4		1/4	4,915.83	1/4	4,558.78	1/4	4,200.13	1/4	3,840.97	1/4	3,481.82	1/4	3,122.67	1/4	2,763.40
1/2		1/2		1/2		1/2	4,908.40	1/2	4,551.32	1/2	4,192.64	1/2	3,833.49	1/2	3,474.34	1/2	3,115.19	1/2	2,755.92
3/4		3/4		3/4		3/4	4,900.98	3/4	4,543.86	3/4	4,185.16	3/4	3,826.01	3/4	3,466.86	3/4	3,107.71	3/4	2,748.43
8		8		8		8	4,893.56	8	4,536.40	8	4,177.68	8	3,818.53	8	3,459.38	8	3,100.23	8	2,740.94
1/4		1/4		1/4		1/4	4,886.13	1/4	4,528.94	1/4	4,170.20	1/4	3,811.05	1/4	3,451.90	1/4	3,092.74	1/4	2,733.46
1/2		1/2		1/2		1/2	4,878.71	1/2	4,521.47	1/2	4,162.71	1/2	3,803.56	1/2	3,444.41	1/2	3,085.26	1/2	2,725.97
3/4		3/4		3/4		3/4	4,871.29	3/4	4,514.01	3/4	4,155.23	3/4	3,796.08	3/4	3,436.93	3/4	3,077.78	3/4	2,718.48
9		9		9		9	4,863.87	9	4,506.55	9	4,147.75	9	3,788.60	9	3,429.45	9	3,070.30	9	2,711.00
1/4		1/4		1/4		1/4	4,856.45	1/4	4,499.09	1/4	4,140.27	1/4	3,781.12	1/4	3,421.97	1/4	3,062.82	1/4	2,703.51
1/2		1/2		1/2		1/2	4,849.03	1/2	4,491.63	1/2	4,132.78	1/2	3,773.63	1/2	3,414.48	1/2	3,055.33	1/2	2,696.02
3/4		3/4		3/4		3/4	4,841.61	3/4	4,484.17	3/4	4,125.30	3/4	3,766.15	3/4	3,407.00	3/4	3,047.85	3/4	2,688.54
10		10		10		10	4,834.18	10	4,476.71	10	4,117.82	10	3,758.67	10	3,399.52	10	3,040.37	10	2,681.05
1/4		1/4		1/4		1/4	4,826.76	1/4	4,469.25	1/4	4,110.34	1/4	3,751.19	1/4	3,392.04	1/4	3,032.89	1/4	2,673.57
1/2		1/2		1/2		1/2	4,819.34	1/2	4,461.79	1/2	4,102.86	1/2	3,743.70	1/2	3,384.55	1/2	3,025.40	1/2	2,666.08
3/4		3/4		3/4		3/4	4,811.92	3/4	4,454.33	3/4	4,095.37	3/4	3,736.22	3/4	3,377.07	3/4	3,017.92	3/4	2,658.59
11		11		11		11	4,804.50	11	4,446.87	11	4,087.89	11	3,728.74	11	3,369.59	11	3,010.44	11	2,651.11
1/4		1/4		1/4		1/4	4,797.08	1/4	4,439.41	1/4	4,080.41	1/4	3,721.26	1/4	3,362.11	1/4	3,002.96	1/4	2,643.62
1/2		1/2		1/2		1/2	4,789.66	1/2	4,431.95	1/2	4,072.93	1/2	3,713.78	1/2	3,354.63	1/2	2,995.47	1/2	2,636.13
3/4		3/4		3/4		3/4	4,782.24	3/4	4,424.49	3/4	4,065.44	3/4	3,706.29	3/4	3,347.14	3/4	2,987.99	3/4	2,628.65

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3116"

2 PORT 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	2,621.16	0	2,261.82	0	1,902.48	0	1,543.13	0	1,184.07	0	838.51	0	479.48	0	120.14	0		0	
1/4	2,613.68	1/4	2,254.33	1/4	1,894.99	1/4	1,535.65	1/4	1,176.73	1/4	831.18	1/4	471.99	1/4	112.66	1/4		1/4	
1/2	2,606.19	1/2	2,246.85	1/2	1,887.50	1/2	1,528.16	1/2	1,169.38	1/2	823.85	1/2	464.51	1/2	105.17	1/2		1/2	
3/4	2,598.70	3/4	2,239.36	3/4	1,880.02	3/4	1,520.68	3/4	1,162.18	3/4	816.36	3/4	457.02	3/4	97.68	3/4		3/4	
1	2,591.22	1	2,231.87	1	1,872.53	1	1,513.19	1	1,154.98	1	808.87	1	449.54	1	90.20	1		1	
1/4	2,583.73	1/4	2,224.39	1/4	1,865.05	1/4	1,505.70	1/4	1,147.77	1/4	801.39	1/4	442.05	1/4	82.71	1/4		1/4	
1/2	2,576.24	1/2	2,216.90	1/2	1,857.56	1/2	1,498.22	1/2	1,140.57	1/2	793.90	1/2	434.56	1/2	75.23	1/2		1/2	
3/4	2,568.76	3/4	2,209.42	3/4	1,850.07	3/4	1,490.73	3/4	1,133.37	3/4	786.41	3/4	427.08	3/4	68.21	3/4		3/4	
2	2,561.27	2	2,201.93	2	1,842.59	2	1,483.24	2	1,126.18	2	778.93	2	419.59	2	61.19	2		2	
1/4	2,553.79	1/4	2,194.44	1/4	1,835.10	1/4	1,475.76	1/4	1,118.98	1/4	771.44	1/4	412.10	1/4	54.17	1/4		1/4	
1/2	2,546.30	1/2	2,186.96	1/2	1,827.61	1/2	1,468.27	1/2	1,111.78	1/2	763.96	1/2	404.62	1/2	47.15	1/2		1/2	
3/4	2,538.81	3/4	2,179.47	3/4	1,820.13	3/4	1,460.79	3/4	1,104.59	3/4	756.47	3/4	397.13	3/4	41.54	3/4		3/4	
3	2,531.33	3	2,171.98	3	1,812.64	3	1,453.30	3	1,097.40	3	748.98	3	389.65	3	35.92	3		3	
1/4	2,523.84	1/4	2,164.50	1/4	1,805.16	1/4	1,445.81	1/4	1,090.21	1/4	741.50	1/4	382.16	1/4	30.31	1/4		1/4	
1/2	2,516.35	1/2	2,157.01	1/2	1,797.67	1/2	1,438.33	1/2	1,083.02	1/2	734.01	1/2	374.67	1/2	24.69	1/2		1/2	
3/4	2,508.87	3/4	2,149.53	3/4	1,790.18	3/4	1,430.84	3/4	1,075.84	3/4	726.53	3/4	367.19	3/4	20.95	3/4		3/4	
4	2,501.38	4	2,142.04	4	1,782.70	4	1,423.35	4	1,068.65	4	719.04	4	359.70	4		4		4	
1/4	2,493.89	1/4	2,134.55	1/4	1,775.21	1/4	1,415.87	1/4	1,061.47	1/4	711.55	1/4	352.22	1/4		1/4		1/4	
1/2	2,486.41	1/2	2,127.07	1/2	1,767.72	1/2	1,408.38	1/2	1,054.28	1/2	704.07	1/2	344.73	1/2		1/2		1/2	
3/4	2,478.92	3/4	2,119.58	3/4	1,760.24	3/4	1,400.90	3/4	1,047.10	3/4	696.58	3/4	337.24	3/4		3/4		3/4	
5	2,471.44	5	2,112.09	5	1,752.75	5	1,393.41	5	1,039.92	5	689.09	5	329.76	5		5		5	
1/4	2,463.95	1/4	2,104.61	1/4	1,745.26	1/4	1,385.92	1/4	1,032.73	1/4	681.61	1/4	322.27	1/4		1/4		1/4	
1/2	2,456.46	1/2	2,097.12	1/2	1,737.78	1/2	1,378.44	1/2	1,025.55	1/2	674.12	1/2	314.78	1/2		1/2		1/2	
3/4	2,448.98	3/4	2,089.63	3/4	1,730.29	3/4	1,370.95	3/4	1,018.37	3/4	666.64	3/4	307.30	3/4		3/4		3/4	
6	2,441.49	6	2,082.15	6	1,722.81	6	1,363.46	6	1,011.19	6	659.15	6	299.81	6		6		6	
1/4	2,434.00	1/4	2,074.66	1/4	1,715.32	1/4	1,355.98	1/4	1,004.00	1/4	651.66	1/4	292.33	1/4		1/4		1/4	
1/2	2,426.52	1/2	2,067.18	1/2	1,707.83	1/2	1,348.49	1/2	996.82	1/2	644.18	1/2	284.84	1/2		1/2		1/2	
3/4	2,419.03	3/4	2,059.69	3/4	1,700.35	3/4	1,341.00	3/4	989.64	3/4	636.69	3/4	277.35	3/4		3/4		3/4	
7	2,411.55	7	2,052.20	7	1,692.86	7	1,333.52	7	982.46	7	629.20	7	269.87	7		7		7	
1/4	2,404.06	1/4	2,044.72	1/4	1,685.37	1/4	1,326.03	1/4	975.27	1/4	621.72	1/4	262.38	1/4		1/4		1/4	
1/2	2,396.57	1/2	2,037.23	1/2	1,677.89	1/2	1,318.55	1/2	968.09	1/2	614.23	1/2	254.89	1/2		1/2		1/2	
3/4	2,389.09	3/4	2,029.74	3/4	1,670.40	3/4	1,311.06	3/4	960.91	3/4	606.75	3/4	247.41	3/4		3/4		3/4	
8	2,381.60	8	2,022.26	8	1,662.92	8	1,303.57	8	953.73	8	599.26	8	239.92	8		8		8	
1/4	2,374.11	1/4	2,014.77	1/4	1,655.43	1/4	1,296.09	1/4	946.54	1/4	591.77	1/4	232.44	1/4		1/4		1/4	
1/2	2,366.63	1/2	2,007.29	1/2	1,647.94	1/2	1,288.60	1/2	939.36	1/2	584.29	1/2	224.95	1/2		1/2		1/2	
3/4	2,359.14	3/4	1,999.80	3/4	1,640.46	3/4	1,281.11	3/4	932.18	3/4	576.80	3/4	217.46	3/4		3/4		3/4	
9	2,351.66	9	1,992.31	9	1,632.97	9	1,273.63	9	925.00	9	569.31	9	209.98	9		9		9	
1/4	2,344.17	1/4	1,984.83	1/4	1,625.48	1/4	1,266.14	1/4	917.81	1/4	561.83	1/4	202.49	1/4		1/4		1/4	
1/2	2,336.68	1/2	1,977.34	1/2	1,618.00	1/2	1,258.66	1/2	910.63	1/2	554.34	1/2	195.00	1/2		1/2		1/2	
3/4	2,329.20	3/4	1,969.85	3/4	1,610.51	3/4	1,251.17	3/4	903.45	3/4	546.86	3/4	187.52	3/4		3/4		3/4	
10	2,321.71	10	1,962.37	10	1,603.03	10	1,243.68	10	896.27	10	539.37	10	180.03	10		10		10	
1/4	2,314.22	1/4	1,954.88	1/4	1,595.54	1/4	1,236.20	1/4	889.08	1/4	531.88	1/4	172.55	1/4		1/4		1/4	
1/2	2,306.74	1/2	1,947.39	1/2	1,588.05	1/2	1,228.71	1/2	881.90	1/2	524.40	1/2	165.06	1/2		1/2		1/2	
3/4	2,299.25	3/4	1,939.91	3/4	1,580.57	3/4	1,221.22	3/4	874.72	3/4	516.91	3/4	157.57	3/4		3/4		3/4	
11	2,291.76	11	1,932.42	11	1,573.08	11	1,213.74	11	867.54	11	509.43	11	150.09	11		11		11	
1/4	2,284.28	1/4	1,924.94	1/4	1,565.59	1/4	1,206.25	1/4	860.36	1/4	501.94	1/4	142.60	1/4		1/4		1/4	
1/2	2,276.79	1/2	1,917.45	1/2	1,558.11	1/2	1,198.76	1/2	853.17	1/2	494.45	1/2	135.12	1/2		1/2		1/2	
3/4	2,269.31	3/4	1,909.96	3/4	1,550.62	3/4	1,191.42	3/4	845.84	3/4	486.97	3/4	127.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2014 SW
RECALCULATED: 02/19/2019 CL
VERIFIED: 02/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3116"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,779.55	0	4,421.85	0	4,062.90	0	3,703.88	0	3,344.86	0	2,985.84
1/4		1/4		1/4		1/4		1/4	4,772.13	1/4	4,414.40	1/4	4,055.42	1/4	3,696.40	1/4	3,337.38	1/4	2,978.35
1/2		1/2		1/2		1/2		1/2	4,764.72	1/2	4,406.93	1/2	4,047.94	1/2	3,688.92	1/2	3,329.90	1/2	2,970.87
3/4		3/4		3/4		3/4		3/4	4,757.30	3/4	4,399.46	3/4	4,040.46	3/4	3,681.44	3/4	3,322.42	3/4	2,963.39
1		1		1		1	5,094.30	1	4,749.88	1	4,391.99	1	4,032.99	1	3,673.96	1	3,314.94	1	2,955.90
1/4		1/4		1/4		1/4	5,089.55	1/4	4,742.46	1/4	4,384.53	1/4	4,025.51	1/4	3,666.48	1/4	3,307.46	1/4	2,948.42
1/2		1/2		1/2		1/2	5,083.73	1/2	4,735.02	1/2	4,377.05	1/2	4,018.03	1/2	3,659.01	1/2	3,299.98	1/2	2,940.94
3/4		3/4		3/4		3/4	5,077.91	3/4	4,727.59	3/4	4,369.57	3/4	4,010.55	3/4	3,651.53	3/4	3,292.50	3/4	2,933.45
2		2		2		2	5,072.09	2	4,720.15	2	4,362.09	2	4,003.07	2	3,644.05	2	3,285.03	2	2,925.97
1/4		1/4		1/4		1/4	5,066.28	1/4	4,712.71	1/4	4,354.61	1/4	3,995.59	1/4	3,636.57	1/4	3,277.55	1/4	2,918.48
1/2		1/2		1/2		1/2	5,059.45	1/2	4,705.25	1/2	4,347.13	1/2	3,988.11	1/2	3,629.09	1/2	3,270.07	1/2	2,911.00
3/4		3/4		3/4		3/4	5,052.63	3/4	4,697.80	3/4	4,339.65	3/4	3,980.63	3/4	3,621.61	3/4	3,262.59	3/4	2,903.52
3		3		3		3	5,045.81	3	4,690.34	3	4,332.17	3	3,973.15	3	3,614.13	3	3,255.11	3	2,896.03
1/4		1/4		1/4		1/4	5,038.99	1/4	4,682.88	1/4	4,324.69	1/4	3,965.67	1/4	3,606.65	1/4	3,247.63	1/4	2,888.55
1/2		1/2		1/2		1/2	5,031.64	1/2	4,675.42	1/2	4,317.21	1/2	3,958.19	1/2	3,599.17	1/2	3,240.15	1/2	2,881.07
3/4		3/4		3/4		3/4	5,024.28	3/4	4,667.97	3/4	4,309.73	3/4	3,950.71	3/4	3,591.69	3/4	3,232.67	3/4	2,873.58
4		4		4		4	5,016.93	4	4,660.51	4	4,302.25	4	3,943.23	4	3,584.21	4	3,225.19	4	2,866.10
1/4		1/4		1/4		1/4	5,009.57	1/4	4,653.05	1/4	4,294.77	1/4	3,935.75	1/4	3,576.73	1/4	3,217.71	1/4	2,858.62
1/2		1/2		1/2		1/2	5,002.15	1/2	4,645.59	1/2	4,287.29	1/2	3,928.27	1/2	3,569.25	1/2	3,210.23	1/2	2,851.13
3/4		3/4		3/4		3/4	4,994.73	3/4	4,638.13	3/4	4,279.81	3/4	3,920.79	3/4	3,561.77	3/4	3,202.75	3/4	2,843.65
5		5		5		5	4,987.30	5	4,630.68	5	4,272.33	5	3,913.31	5	3,554.29	5	3,195.27	5	2,836.17
1/4		1/4		1/4		1/4	4,979.88	1/4	4,623.22	1/4	4,264.85	1/4	3,905.83	1/4	3,546.81	1/4	3,187.79	1/4	2,828.68
1/2		1/2		1/2		1/2	4,972.46	1/2	4,615.76	1/2	4,257.37	1/2	3,898.35	1/2	3,539.33	1/2	3,180.31	1/2	2,821.20
3/4		3/4		3/4		3/4	4,965.04	3/4	4,608.30	3/4	4,249.89	3/4	3,890.87	3/4	3,531.85	3/4	3,172.83	3/4	2,813.71
6		6		6		6	4,957.62	6	4,600.84	6	4,242.41	6	3,883.39	6	3,524.37	6	3,165.35	6	2,806.23
1/4		1/4		1/4		1/4	4,950.19	1/4	4,593.39	1/4	4,234.93	1/4	3,875.91	1/4	3,516.89	1/4	3,157.87	1/4	2,798.75
1/2		1/2		1/2		1/2	4,942.77	1/2	4,585.93	1/2	4,227.45	1/2	3,868.43	1/2	3,509.41	1/2	3,150.39	1/2	2,791.26
3/4		3/4		3/4		3/4	4,935.35	3/4	4,578.47	3/4	4,219.98	3/4	3,860.95	3/4	3,501.93	3/4	3,142.91	3/4	2,783.78
7		7		7		7	4,927.93	7	4,571.01	7	4,212.50	7	3,853.47	7	3,494.45	7	3,135.43	7	2,776.30
1/4		1/4		1/4		1/4	4,920.50	1/4	4,563.55	1/4	4,205.02	1/4	3,846.00	1/4	3,486.97	1/4	3,127.95	1/4	2,768.81
1/2		1/2		1/2		1/2	4,913.08	1/2	4,556.10	1/2	4,197.54	1/2	3,838.52	1/2	3,479.49	1/2	3,120.47	1/2	2,761.33
3/4		3/4		3/4		3/4	4,905.66	3/4	4,548.64	3/4	4,190.06	3/4	3,831.04	3/4	3,472.02	3/4	3,112.99	3/4	2,753.85
8		8		8		8	4,898.24	8	4,541.18	8	4,182.58	8	3,823.56	8	3,464.54	8	3,105.51	8	2,746.36
1/4		1/4		1/4		1/4	4,890.82	1/4	4,533.72	1/4	4,175.10	1/4	3,816.08	1/4	3,457.06	1/4	3,098.04	1/4	2,738.88
1/2		1/2		1/2		1/2	4,883.41	1/2	4,526.27	1/2	4,167.62	1/2	3,808.60	1/2	3,449.58	1/2	3,090.56	1/2	2,731.39
3/4		3/4		3/4		3/4	4,875.99	3/4	4,518.81	3/4	4,160.14	3/4	3,801.12	3/4	3,442.10	3/4	3,083.08	3/4	2,723.91
9		9		9		9	4,868.57	9	4,511.35	9	4,152.66	9	3,793.64	9	3,434.62	9	3,075.60	9	2,716.43
1/4		1/4		1/4		1/4	4,861.15	1/4	4,503.89	1/4	4,145.18	1/4	3,786.16	1/4	3,427.14	1/4	3,068.12	1/4	2,708.94
1/2		1/2		1/2		1/2	4,853.73	1/2	4,496.43	1/2	4,137.70	1/2	3,778.68	1/2	3,419.66	1/2	3,060.64	1/2	2,701.46
3/4		3/4		3/4		3/4	4,846.32	3/4	4,488.98	3/4	4,130.22	3/4	3,771.20	3/4	3,412.18	3/4	3,053.16	3/4	2,693.98
10		10		10		10	4,838.90	10	4,481.52	10	4,122.74	10	3,763.72	10	3,404.70	10	3,045.68	10	2,686.49
1/4		1/4		1/4		1/4	4,831.48	1/4	4,474.06	1/4	4,115.26	1/4	3,756.24	1/4	3,397.22	1/4	3,038.20	1/4	2,679.01
1/2		1/2		1/2		1/2	4,824.06	1/2	4,466.60	1/2	4,107.78	1/2	3,748.76	1/2	3,389.74	1/2	3,030.72	1/2	2,671.53
3/4		3/4		3/4		3/4	4,816.64	3/4	4,459.14	3/4	4,100.30	3/4	3,741.28	3/4	3,382.26	3/4	3,023.24	3/4	2,664.04
11		11		11		11	4,809.23	11	4,451.69	11	4,092.82	11	3,733.80	11	3,374.78	11	3,015.76	11	2,656.56
1/4		1/4		1/4		1/4	4,801.81	1/4	4,444.23	1/4	4,085.34	1/4	3,726.32	1/4	3,367.30	1/4	3,008.28	1/4	2,649.08
1/2		1/2		1/2		1/2	4,794.39	1/2	4,436.77	1/2	4,077.86	1/2	3,718.84	1/2	3,359.82	1/2	3,000.80	1/2	2,641.59
3/4		3/4		3/4		3/4	4,786.97	3/4	4,429.31	3/4	4,070.38	3/4	3,711.36	3/4	3,352.34	3/4	2,993.32	3/4	2,634.11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3116"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,626.62	0	2,267.41	0	1,908.20	0	1,548.99	0	1,189.77	0	831.02	0	471.82	0	112.62	0		0	
1/4	2,619.14	1/4	2,259.93	1/4	1,900.72	1/4	1,541.50	1/4	1,182.29	1/4	823.54	1/4	464.34	1/4	105.13	1/4		1/4	
1/2	2,611.66	1/2	2,252.44	1/2	1,893.23	1/2	1,534.02	1/2	1,174.81	1/2	816.06	1/2	456.85	1/2	97.65	1/2		1/2	
3/4	2,604.17	3/4	2,244.96	3/4	1,885.75	3/4	1,526.54	3/4	1,167.32	3/4	808.57	3/4	449.37	3/4	90.17	3/4		3/4	
1	2,596.69	1	2,237.48	1	1,878.26	1	1,519.05	1	1,159.84	1	801.09	1	441.89	1	82.68	1		1	
1/4	2,589.21	1/4	2,229.99	1/4	1,870.78	1/4	1,511.57	1/4	1,152.36	1/4	793.61	1/4	434.40	1/4	75.20	1/4		1/4	
1/2	2,581.72	1/2	2,222.51	1/2	1,863.30	1/2	1,504.08	1/2	1,144.87	1/2	786.12	1/2	426.92	1/2	68.18	1/2		1/2	
3/4	2,574.24	3/4	2,215.03	3/4	1,855.81	3/4	1,496.60	3/4	1,137.39	3/4	778.64	3/4	419.44	3/4	61.17	3/4		3/4	
2	2,566.76	2	2,207.54	2	1,848.33	2	1,489.12	2	1,129.91	2	771.16	2	411.95	2	54.15	2		2	
1/4	2,559.27	1/4	2,200.06	1/4	1,840.85	1/4	1,481.63	1/4	1,122.43	1/4	763.67	1/4	404.47	1/4	47.14	1/4		1/4	
1/2	2,551.79	1/2	2,192.58	1/2	1,833.36	1/2	1,474.15	1/2	1,114.95	1/2	756.19	1/2	396.99	1/2	41.52	1/2		1/2	
3/4	2,544.30	3/4	2,185.09	3/4	1,825.88	3/4	1,466.67	3/4	1,107.48	3/4	748.71	3/4	389.50	3/4	35.91	3/4		3/4	
3	2,536.82	3	2,177.61	3	1,818.40	3	1,459.18	3	1,100.00	3	741.22	3	382.02	3	30.30	3		3	
1/4	2,529.34	1/4	2,170.12	1/4	1,810.91	1/4	1,451.70	1/4	1,092.52	1/4	733.74	1/4	374.54	1/4	24.69	1/4		1/4	
1/2	2,521.85	1/2	2,162.64	1/2	1,803.43	1/2	1,444.22	1/2	1,085.05	1/2	726.26	1/2	367.05	1/2	20.95	1/2		1/2	
3/4	2,514.37	3/4	2,155.16	3/4	1,795.94	3/4	1,436.73	3/4	1,077.57	3/4	718.77	3/4	359.57	3/4		3/4		3/4	
4	2,506.89	4	2,147.67	4	1,788.46	4	1,429.25	4	1,070.10	4	711.29	4	352.09	4		4		4	
1/4	2,499.40	1/4	2,140.19	1/4	1,780.98	1/4	1,421.76	1/4	1,062.62	1/4	703.80	1/4	344.60	1/4		1/4		1/4	
1/2	2,491.92	1/2	2,132.71	1/2	1,773.49	1/2	1,414.28	1/2	1,055.15	1/2	696.32	1/2	337.12	1/2		1/2		1/2	
3/4	2,484.44	3/4	2,125.22	3/4	1,766.01	3/4	1,406.80	3/4	1,047.68	3/4	688.84	3/4	329.63	3/4		3/4		3/4	
5	2,476.95	5	2,117.74	5	1,758.53	5	1,399.31	5	1,040.21	5	681.35	5	322.15	5		5		5	
1/4	2,469.47	1/4	2,110.26	1/4	1,751.04	1/4	1,391.83	1/4	1,032.74	1/4	673.87	1/4	314.67	1/4		1/4		1/4	
1/2	2,461.99	1/2	2,102.77	1/2	1,743.56	1/2	1,384.35	1/2	1,025.27	1/2	666.39	1/2	307.18	1/2		1/2		1/2	
3/4	2,454.50	3/4	2,095.29	3/4	1,736.08	3/4	1,376.86	3/4	1,017.80	3/4	658.90	3/4	299.70	3/4		3/4		3/4	
6	2,447.02	6	2,087.81	6	1,728.59	6	1,369.38	6	1,010.33	6	651.42	6	292.22	6		6		6	
1/4	2,439.53	1/4	2,080.32	1/4	1,721.11	1/4	1,361.90	1/4	1,002.86	1/4	643.94	1/4	284.73	1/4		1/4		1/4	
1/2	2,432.05	1/2	2,072.84	1/2	1,713.63	1/2	1,354.41	1/2	995.39	1/2	636.45	1/2	277.25	1/2		1/2		1/2	
3/4	2,424.57	3/4	2,065.35	3/4	1,706.14	3/4	1,346.93	3/4	987.92	3/4	628.97	3/4	269.77	3/4		3/4		3/4	
7	2,417.08	7	2,057.87	7	1,698.66	7	1,339.45	7	980.45	7	621.49	7	262.28	7		7		7	
1/4	2,409.60	1/4	2,050.39	1/4	1,691.17	1/4	1,331.96	1/4	972.97	1/4	614.00	1/4	254.80	1/4		1/4		1/4	
1/2	2,402.12	1/2	2,042.90	1/2	1,683.69	1/2	1,324.48	1/2	965.50	1/2	606.52	1/2	247.32	1/2		1/2		1/2	
3/4	2,394.63	3/4	2,035.42	3/4	1,676.21	3/4	1,316.99	3/4	958.03	3/4	599.04	3/4	239.83	3/4		3/4		3/4	
8	2,387.15	8	2,027.94	8	1,668.72	8	1,309.51	8	950.56	8	591.55	8	232.35	8		8		8	
1/4	2,379.67	1/4	2,020.45	1/4	1,661.24	1/4	1,302.03	1/4	943.09	1/4	584.07	1/4	224.87	1/4		1/4		1/4	
1/2	2,372.18	1/2	2,012.97	1/2	1,653.76	1/2	1,294.54	1/2	935.62	1/2	576.59	1/2	217.38	1/2		1/2		1/2	
3/4	2,364.70	3/4	2,005.49	3/4	1,646.27	3/4	1,287.06	3/4	928.15	3/4	569.10	3/4	209.90	3/4		3/4		3/4	
9	2,357.21	9	1,998.00	9	1,638.79	9	1,279.58	9	920.68	9	561.62	9	202.42	9		9		9	
1/4	2,349.73	1/4	1,990.52	1/4	1,631.31	1/4	1,272.09	1/4	913.21	1/4	554.14	1/4	194.93	1/4		1/4		1/4	
1/2	2,342.25	1/2	1,983.03	1/2	1,623.82	1/2	1,264.61	1/2	905.74	1/2	546.65	1/2	187.45	1/2		1/2		1/2	
3/4	2,334.76	3/4	1,975.55	3/4	1,616.34	3/4	1,257.13	3/4	898.27	3/4	539.17	3/4	179.97	3/4		3/4		3/4	
10	2,327.28	10	1,968.07	10	1,608.85	10	1,249.64	10	890.80	10	531.69	10	172.48	10		10		10	
1/4	2,319.80	1/4	1,960.58	1/4	1,601.37	1/4	1,242.16	1/4	883.33	1/4	524.20	1/4	165.00	1/4		1/4		1/4	
1/2	2,312.31	1/2	1,953.10	1/2	1,593.89	1/2	1,234.67	1/2	875.86	1/2	516.72	1/2	157.52	1/2		1/2		1/2	
3/4	2,304.83	3/4	1,945.62	3/4	1,586.40	3/4	1,227.19	3/4	868.39	3/4	509.24	3/4	150.03	3/4		3/4		3/4	
11	2,297.35	11	1,938.13	11	1,578.92	11	1,219.71	11	860.92	11	501.75	11	142.55	11		11		11	
1/4	2,289.86	1/4	1,930.65	1/4	1,571.44	1/4	1,212.22	1/4	853.44	1/4	494.27	1/4	135.07	1/4		1/4		1/4	
1/2	2,282.38	1/2	1,923.17	1/2	1,563.95	1/2	1,204.74	1/2	845.97	1/2	486.79	1/2	127.58	1/2		1/2		1/2	
3/4	2,274.90	3/4	1,915.68	3/4	1,556.47	3/4	1,197.26	3/4	838.49	3/4	479.30	3/4	120.10	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2014 SW
RECALCULATED: 02/19/2019 CL
VERIFIED: 02/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3116"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

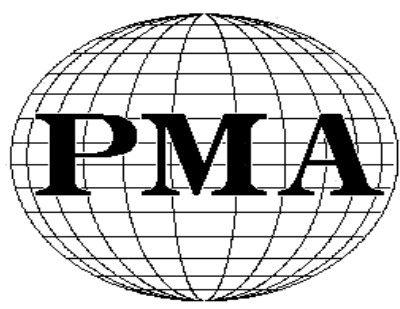
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,378.18	0	4,131.76	0	3,884.50	0	3,637.20	0	3,310.71	0	2,954.20
1/4		1/4		1/4		1/4		1/4	4,373.07	1/4	4,126.62	1/4	3,879.34	1/4	3,632.04	1/4	3,303.30	1/4	2,946.77
1/2		1/2		1/2		1/2		1/2	4,367.95	1/2	4,121.47	1/2	3,874.19	1/2	3,626.89	1/2	3,295.89	1/2	2,939.34
3/4		3/4		3/4		3/4		3/4	4,362.84	3/4	4,116.33	3/4	3,869.04	3/4	3,621.74	3/4	3,288.48	3/4	2,931.91
1		1		1		1	4,591.38	1	4,357.73	1	4,111.18	1	3,863.89	1	3,616.59	1	3,281.07	1	2,924.47
1/4		1/4		1/4		1/4	4,588.93	1/4	4,352.62	1/4	4,106.04	1/4	3,858.74	1/4	3,611.43	1/4	3,273.66	1/4	2,917.04
1/2		1/2		1/2		1/2	4,585.42	1/2	4,347.50	1/2	4,100.88	1/2	3,853.58	1/2	3,606.28	1/2	3,266.24	1/2	2,909.61
3/4		3/4		3/4		3/4	4,581.90	3/4	4,342.37	3/4	4,095.73	3/4	3,848.43	3/4	3,601.13	3/4	3,258.82	3/4	2,902.17
2		2		2		2	4,578.39	2	4,337.25	2	4,090.58	2	3,843.28	2	3,595.98	2	3,251.40	2	2,894.74
1/4		1/4		1/4		1/4	4,574.87	1/4	4,332.12	1/4	4,085.43	1/4	3,838.13	1/4	3,590.83	1/4	3,243.98	1/4	2,887.31
1/2		1/2		1/2		1/2	4,570.36	1/2	4,326.99	1/2	4,080.28	1/2	3,832.97	1/2	3,585.10	1/2	3,236.55	1/2	2,879.88
3/4		3/4		3/4		3/4	4,565.84	3/4	4,321.85	3/4	4,075.12	3/4	3,827.82	3/4	3,579.37	3/4	3,229.12	3/4	2,872.44
3		3		3		3	4,561.33	3	4,316.71	3	4,069.97	3	3,822.67	3	3,573.65	3	3,221.69	3	2,865.01
1/4		1/4		1/4		1/4	4,556.82	1/4	4,311.57	1/4	4,064.82	1/4	3,817.52	1/4	3,567.92	1/4	3,214.26	1/4	2,857.58
1/2		1/2		1/2		1/2	4,551.77	1/2	4,306.44	1/2	4,059.67	1/2	3,812.37	1/2	3,561.06	1/2	3,206.83	1/2	2,850.14
3/4		3/4		3/4		3/4	4,546.72	3/4	4,301.30	3/4	4,054.52	3/4	3,807.21	3/4	3,554.20	3/4	3,199.40	3/4	2,842.71
4		4		4		4	4,541.68	4	4,296.16	4	4,049.36	4	3,802.06	4	3,547.34	4	3,191.97	4	2,835.28
1/4		1/4		1/4		1/4	4,536.63	1/4	4,291.02	1/4	4,044.21	1/4	3,796.91	1/4	3,540.47	1/4	3,184.54	1/4	2,827.85
1/2		1/2		1/2		1/2	4,531.52	1/2	4,285.89	1/2	4,039.06	1/2	3,791.76	1/2	3,533.05	1/2	3,177.11	1/2	2,820.41
3/4		3/4		3/4		3/4	4,526.41	3/4	4,280.75	3/4	4,033.91	3/4	3,786.61	3/4	3,525.63	3/4	3,169.68	3/4	2,812.98
5		5		5		5	4,521.29	5	4,275.61	5	4,028.75	5	3,781.45	5	3,518.21	5	3,162.25	5	2,805.55
1/4		1/4		1/4		1/4	4,516.18	1/4	4,270.47	1/4	4,023.60	1/4	3,776.30	1/4	3,510.79	1/4	3,154.82	1/4	2,798.11
1/2		1/2		1/2		1/2	4,511.07	1/2	4,265.34	1/2	4,018.45	1/2	3,771.15	1/2	3,503.37	1/2	3,147.39	1/2	2,790.68
3/4		3/4		3/4		3/4	4,505.95	3/4	4,260.20	3/4	4,013.30	3/4	3,766.00	3/4	3,495.96	3/4	3,139.96	3/4	2,783.25
6		6		6		6	4,500.84	6	4,255.06	6	4,008.15	6	3,760.85	6	3,488.54	6	3,132.53	6	2,775.81
1/4		1/4		1/4		1/4	4,495.73	1/4	4,249.92	1/4	4,002.99	1/4	3,755.69	1/4	3,481.13	1/4	3,125.10	1/4	2,768.38
1/2		1/2		1/2		1/2	4,490.61	1/2	4,244.79	1/2	3,997.84	1/2	3,750.54	1/2	3,473.72	1/2	3,117.67	1/2	2,760.95
3/4		3/4		3/4		3/4	4,485.50	3/4	4,239.65	3/4	3,992.69	3/4	3,745.39	3/4	3,466.31	3/4	3,110.24	3/4	2,753.52
7		7		7		7	4,480.39	7	4,234.51	7	3,987.54	7	3,740.24	7	3,458.90	7	3,102.81	7	2,746.08
1/4		1/4		1/4		1/4	4,475.28	1/4	4,229.37	1/4	3,982.39	1/4	3,735.09	1/4	3,451.49	1/4	3,095.38	1/4	2,738.65
1/2		1/2		1/2		1/2	4,470.16	1/2	4,224.24	1/2	3,977.23	1/2	3,729.93	1/2	3,444.08	1/2	3,087.95	1/2	2,731.22
3/4		3/4		3/4		3/4	4,465.05	3/4	4,219.10	3/4	3,972.08	3/4	3,724.78	3/4	3,436.67	3/4	3,080.52	3/4	2,723.78
8		8		8		8	4,459.94	8	4,213.96	8	3,966.93	8	3,719.63	8	3,429.26	8	3,073.09	8	2,716.35
1/4		1/4		1/4		1/4	4,454.83	1/4	4,208.82	1/4	3,961.78	1/4	3,714.48	1/4	3,421.85	1/4	3,065.66	1/4	2,708.92
1/2		1/2		1/2		1/2	4,449.72	1/2	4,203.68	1/2	3,956.63	1/2	3,709.32	1/2	3,414.44	1/2	3,058.23	1/2	2,701.49
3/4		3/4		3/4		3/4	4,444.61	3/4	4,198.55	3/4	3,951.47	3/4	3,704.17	3/4	3,407.03	3/4	3,050.80	3/4	2,694.05
9		9		9		9	4,439.50	9	4,193.41	9	3,946.32	9	3,699.02	9	3,399.62	9	3,043.37	9	2,686.62
1/4		1/4		1/4		1/4	4,434.39	1/4	4,188.27	1/4	3,941.17	1/4	3,693.87	1/4	3,392.22	1/4	3,035.94	1/4	2,679.19
1/2		1/2		1/2		1/2	4,429.28	1/2	4,183.13	1/2	3,936.02	1/2	3,688.72	1/2	3,384.81	1/2	3,028.51	1/2	2,671.75
3/4		3/4		3/4		3/4	4,424.17	3/4	4,178.00	3/4	3,930.86	3/4	3,683.56	3/4	3,377.40	3/4	3,021.08	3/4	2,664.32
10		10		10		10	4,419.06	10	4,172.86	10	3,925.71	10	3,678.41	10	3,369.99	10	3,013.65	10	2,656.89
1/4		1/4		1/4		1/4	4,413.95	1/4	4,167.72	1/4	3,920.56	1/4	3,673.26	1/4	3,362.58	1/4	3,006.22	1/4	2,649.46
1/2		1/2		1/2		1/2	4,408.84	1/2	4,162.58	1/2	3,915.41	1/2	3,668.11	1/2	3,355.17	1/2	2,998.79	1/2	2,642.02
3/4		3/4		3/4		3/4	4,403.73	3/4	4,157.45	3/4	3,910.26	3/4	3,662.96	3/4	3,347.76	3/4	2,991.36	3/4	2,634.59
11		11		11		11	4,398.62	11	4,152.31	11	3,905.10	11	3,657.80	11	3,340.35	11	2,983.93	11	2,627.16
1/4		1/4		1/4		1/4	4,393.51	1/4	4,147.17	1/4	3,899.95	1/4	3,652.65	1/4	3,332.94	1/4	2,976.50	1/4	2,619.72
1/2		1/2		1/2		1/2	4,388.40	1/2	4,142.03	1/2	3,894.80	1/2	3,647.50	1/2	3,325.53	1/2	2,969.07	1/2	2,612.29
3/4		3/4		3/4		3/4	4,383.29	3/4	4,136.90	3/4	3,889.65	3/4	3,642.35	3/4	3,318.12	3/4	2,961.63	3/4	2,604.85

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'-07" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3116"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,597.41	0	2,241.60	0	1,887.38	0	1,530.28	0	1,173.46	0	826.71	0	469.50	0	112.19	0		0	
1/4	2,589.98	1/4	2,234.21	1/4	1,879.97	1/4	1,522.84	1/4	1,166.13	1/4	819.39	1/4	462.06	1/4	104.74	1/4		1/4	
1/2	2,582.54	1/2	2,226.83	1/2	1,872.53	1/2	1,515.40	1/2	1,158.90	1/2	811.94	1/2	454.62	1/2	97.29	1/2		1/2	
3/4	2,575.10	3/4	2,219.45	3/4	1,865.09	3/4	1,507.96	3/4	1,151.67	3/4	804.50	3/4	447.17	3/4	89.83	3/4		3/4	
1	2,567.66	1	2,212.07	1	1,857.65	1	1,500.52	1	1,144.44	1	797.05	1	439.73	1	82.38	1		1	
1/4	2,560.22	1/4	2,204.70	1/4	1,850.21	1/4	1,493.08	1/4	1,137.21	1/4	789.61	1/4	432.29	1/4	74.93	1/4		1/4	
1/2	2,552.78	1/2	2,197.32	1/2	1,842.76	1/2	1,485.64	1/2	1,129.98	1/2	782.17	1/2	424.84	1/2	67.94	1/2		1/2	
3/4	2,545.34	3/4	2,189.94	3/4	1,835.32	3/4	1,478.20	3/4	1,122.76	3/4	774.72	3/4	417.40	3/4	60.95	3/4		3/4	
2	2,537.90	2	2,182.57	2	1,827.88	2	1,470.75	2	1,115.54	2	767.28	2	409.96	2	53.96	2		2	
1/4	2,530.46	1/4	2,175.19	1/4	1,820.44	1/4	1,463.31	1/4	1,108.31	1/4	759.83	1/4	402.51	1/4	46.97	1/4		1/4	
1/2	2,523.02	1/2	2,167.81	1/2	1,813.00	1/2	1,455.87	1/2	1,101.10	1/2	752.39	1/2	395.07	1/2	41.37	1/2		1/2	
3/4	2,515.58	3/4	2,160.43	3/4	1,805.56	3/4	1,448.43	3/4	1,093.88	3/4	744.94	3/4	387.63	3/4	35.78	3/4		3/4	
3	2,508.14	3	2,153.06	3	1,798.12	3	1,440.99	3	1,086.66	3	737.50	3	380.18	3	30.19	3		3	
1/4	2,500.70	1/4	2,145.68	1/4	1,790.68	1/4	1,433.55	1/4	1,079.44	1/4	730.05	1/4	372.74	1/4	24.60	1/4		1/4	
1/2	2,493.27	1/2	2,138.30	1/2	1,783.24	1/2	1,426.11	1/2	1,072.23	1/2	722.61	1/2	365.30	1/2	20.87	1/2		1/2	
3/4	2,485.85	3/4	2,130.92	3/4	1,775.80	3/4	1,418.67	3/4	1,065.01	3/4	715.17	3/4	357.86	3/4		3/4		3/4	
4	2,478.43	4	2,123.55	4	1,768.36	4	1,411.23	4	1,057.80	4	707.72	4	350.41	4		4		4	
1/4	2,471.01	1/4	2,116.17	1/4	1,760.92	1/4	1,403.79	1/4	1,050.59	1/4	700.28	1/4	342.97	1/4		1/4		1/4	
1/2	2,463.61	1/2	2,108.79	1/2	1,753.48	1/2	1,396.35	1/2	1,043.38	1/2	692.83	1/2	335.53	1/2		1/2		1/2	
3/4	2,456.21	3/4	2,101.41	3/4	1,746.04	3/4	1,388.91	3/4	1,036.17	3/4	685.39	3/4	328.08	3/4		3/4		3/4	
5	2,448.81	5	2,094.04	5	1,738.60	5	1,381.47	5	1,028.95	5	677.94	5	320.64	5		5		5	
1/4	2,441.41	1/4	2,086.66	1/4	1,731.16	1/4	1,374.03	1/4	1,021.74	1/4	670.50	1/4	313.20	1/4		1/4		1/4	
1/2	2,434.00	1/2	2,079.28	1/2	1,723.72	1/2	1,366.59	1/2	1,014.53	1/2	663.06	1/2	305.75	1/2		1/2		1/2	
3/4	2,426.60	3/4	2,071.91	3/4	1,716.28	3/4	1,359.15	3/4	1,007.32	3/4	655.61	3/4	298.31	3/4		3/4		3/4	
6	2,419.20	6	2,064.53	6	1,708.84	6	1,351.71	6	1,000.11	6	648.17	6	290.87	6		6		6	
1/4	2,411.80	1/4	2,057.15	1/4	1,701.40	1/4	1,344.27	1/4	992.90	1/4	640.72	1/4	283.42	1/4		1/4		1/4	
1/2	2,404.40	1/2	2,049.77	1/2	1,693.96	1/2	1,336.83	1/2	985.69	1/2	633.28	1/2	275.98	1/2		1/2		1/2	
3/4	2,396.99	3/4	2,042.40	3/4	1,686.52	3/4	1,329.39	3/4	978.48	3/4	625.83	3/4	268.54	3/4		3/4		3/4	
7	2,389.59	7	2,035.02	7	1,679.08	7	1,321.95	7	971.27	7	618.39	7	261.09	7		7		7	
1/4	2,382.19	1/4	2,027.64	1/4	1,671.64	1/4	1,314.51	1/4	964.06	1/4	610.94	1/4	253.65	1/4		1/4		1/4	
1/2	2,374.79	1/2	2,020.26	1/2	1,664.20	1/2	1,307.07	1/2	956.85	1/2	603.50	1/2	246.21	1/2		1/2		1/2	
3/4	2,367.39	3/4	2,012.89	3/4	1,656.76	3/4	1,299.63	3/4	949.64	3/4	596.06	3/4	238.76	3/4		3/4		3/4	
8	2,359.99	8	2,005.51	8	1,649.32	8	1,292.19	8	942.43	8	588.61	8	231.32	8		8		8	
1/4	2,352.58	1/4	1,998.13	1/4	1,641.88	1/4	1,284.75	1/4	935.22	1/4	581.17	1/4	223.88	1/4		1/4		1/4	
1/2	2,345.18	1/2	1,990.76	1/2	1,634.44	1/2	1,277.31	1/2	928.01	1/2	573.72	1/2	216.43	1/2		1/2		1/2	
3/4	2,337.78	3/4	1,983.38	3/4	1,627.00	3/4	1,269.87	3/4	920.80	3/4	566.28	3/4	208.99	3/4		3/4		3/4	
9	2,330.38	9	1,976.00	9	1,619.56	9	1,262.43	9	913.59	9	558.83	9	201.54	9		9		9	
1/4	2,322.98	1/4	1,968.62	1/4	1,612.12	1/4	1,254.99	1/4	906.38	1/4	551.39	1/4	194.10	1/4		1/4		1/4	
1/2	2,315.58	1/2	1,961.25	1/2	1,604.68	1/2	1,247.55	1/2	899.17	1/2	543.94	1/2	186.65	1/2		1/2		1/2	
3/4	2,308.17	3/4	1,953.87	3/4	1,597.24	3/4	1,240.11	3/4	891.96	3/4	536.50	3/4	179.21	3/4		3/4		3/4	
10	2,300.77	10	1,946.49	10	1,589.80	10	1,232.67	10	884.75	10	529.06	10	171.76	10		10		10	
1/4	2,293.37	1/4	1,939.11	1/4	1,582.36	1/4	1,225.23	1/4	877.54	1/4	521.61	1/4	164.32	1/4		1/4		1/4	
1/2	2,285.97	1/2	1,931.74	1/2	1,574.92	1/2	1,217.79	1/2	870.33	1/2	514.17	1/2	156.87	1/2		1/2		1/2	
3/4	2,278.57	3/4	1,924.36	3/4	1,567.48	3/4	1,210.35	3/4	863.12	3/4	506.72	3/4	149.43	3/4		3/4		3/4	
11	2,271.17	11	1,916.98	11	1,560.04	11	1,202.91	11	855.91	11	499.28	11	141.98	11		11		11	
1/4	2,263.76	1/4	1,909.61	1/4	1,552.60	1/4	1,195.47	1/4	848.70	1/4	491.83	1/4	134.54	1/4		1/4		1/4	
1/2	2,256.37	1/2	1,902.20	1/2	1,545.16	1/2	1,188.13	1/2	841.37	1/2	484.39	1/2	127.09	1/2		1/2		1/2	
3/4	2,248.99	3/4	1,894.79	3/4	1,537.72	3/4	1,180.80	3/4	834.04	3/4	476.95	3/4	119.64	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2014 SW
RECALCULATED: 02/19/2019 CL
VERIFIED: 02/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3116"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	4,613.25	0	4,379.53	0	4,132.91	0	3,885.55	0	3,638.18	0	3,302.15	0	2,944.77
1/4		1/4		1/4		1/4	4,610.80	1/4	4,374.42	1/4	4,127.77	1/4	3,880.40	1/4	3,633.03	1/4	3,294.72	1/4	2,937.32
1/2		1/2		1/2		1/2	4,607.28	1/2	4,369.30	1/2	4,122.61	1/2	3,875.24	1/2	3,627.88	1/2	3,287.28	1/2	2,929.87
3/4		3/4		3/4		3/4	4,603.77	3/4	4,364.17	3/4	4,117.46	3/4	3,870.09	3/4	3,622.72	3/4	3,279.85	3/4	2,922.42
1		1		1		1	4,600.25	1	4,359.05	1	4,112.31	1	3,864.94	1	3,617.57	1	3,272.41	1	2,914.97
1/4		1/4		1/4		1/4	4,596.74	1/4	4,353.92	1/4	4,107.15	1/4	3,859.78	1/4	3,612.42	1/4	3,264.98	1/4	2,907.52
1/2		1/2		1/2		1/2	4,592.22	1/2	4,348.78	1/2	4,102.00	1/2	3,854.63	1/2	3,606.69	1/2	3,257.53	1/2	2,900.07
3/4		3/4		3/4		3/4	4,587.70	3/4	4,343.64	3/4	4,096.84	3/4	3,849.48	3/4	3,600.96	3/4	3,250.08	3/4	2,892.62
2		2		2		2	4,583.19	2	4,338.50	2	4,091.69	2	3,844.32	2	3,595.23	2	3,242.64	2	2,885.17
1/4		1/4		1/4		1/4	4,578.67	1/4	4,333.36	1/4	4,086.54	1/4	3,839.17	1/4	3,589.50	1/4	3,235.19	1/4	2,877.72
1/2		1/2		1/2		1/2	4,573.62	1/2	4,328.22	1/2	4,081.38	1/2	3,834.02	1/2	3,582.64	1/2	3,227.74	1/2	2,870.27
3/4		3/4		3/4		3/4	4,568.58	3/4	4,323.09	3/4	4,076.23	3/4	3,828.86	3/4	3,575.78	3/4	3,220.30	3/4	2,862.82
3		3		3		3	4,563.53	3	4,317.95	3	4,071.08	3	3,823.71	3	3,568.91	3	3,212.85	3	2,855.37
1/4		1/4		1/4		1/4	4,558.48	1/4	4,312.81	1/4	4,065.92	1/4	3,818.56	1/4	3,562.05	1/4	3,205.40	1/4	2,847.93
1/2		1/2		1/2		1/2	4,553.37	1/2	4,307.67	1/2	4,060.77	1/2	3,813.40	1/2	3,554.62	1/2	3,197.96	1/2	2,840.48
3/4		3/4		3/4		3/4	4,548.25	3/4	4,302.53	3/4	4,055.62	3/4	3,808.25	3/4	3,547.20	3/4	3,190.51	3/4	2,833.03
4		4		4		4	4,543.14	4	4,297.39	4	4,050.46	4	3,803.10	4	3,539.77	4	3,183.07	4	2,825.58
1/4		1/4		1/4		1/4	4,538.02	1/4	4,292.25	1/4	4,045.31	1/4	3,797.94	1/4	3,532.35	1/4	3,175.62	1/4	2,818.13
1/2		1/2		1/2		1/2	4,532.91	1/2	4,287.11	1/2	4,040.16	1/2	3,792.79	1/2	3,524.92	1/2	3,168.17	1/2	2,810.68
3/4		3/4		3/4		3/4	4,527.79	3/4	4,281.97	3/4	4,035.00	3/4	3,787.63	3/4	3,517.50	3/4	3,160.73	3/4	2,803.23
5		5		5		5	4,522.68	5	4,276.83	5	4,029.85	5	3,782.48	5	3,510.07	5	3,153.28	5	2,795.78
1/4		1/4		1/4		1/4	4,517.56	1/4	4,271.69	1/4	4,024.70	1/4	3,777.33	1/4	3,502.64	1/4	3,145.83	1/4	2,788.33
1/2		1/2		1/2		1/2	4,512.45	1/2	4,266.56	1/2	4,019.54	1/2	3,772.17	1/2	3,495.22	1/2	3,138.39	1/2	2,780.88
3/4		3/4		3/4		3/4	4,507.34	3/4	4,261.42	3/4	4,014.39	3/4	3,767.02	3/4	3,487.79	3/4	3,130.94	3/4	2,773.43
6		6		6		6	4,502.22	6	4,256.28	6	4,009.24	6	3,761.87	6	3,480.37	6	3,123.49	6	2,765.98
1/4		1/4		1/4		1/4	4,497.11	1/4	4,251.14	1/4	4,004.08	1/4	3,756.71	1/4	3,472.94	1/4	3,116.05	1/4	2,758.54
1/2		1/2		1/2		1/2	4,491.99	1/2	4,246.00	1/2	3,998.93	1/2	3,751.56	1/2	3,465.51	1/2	3,108.60	1/2	2,751.09
3/4		3/4		3/4		3/4	4,486.88	3/4	4,240.86	3/4	3,993.77	3/4	3,746.41	3/4	3,458.09	3/4	3,101.15	3/4	2,743.64
7		7		7		7	4,481.77	7	4,235.72	7	3,988.62	7	3,741.25	7	3,450.66	7	3,093.71	7	2,736.19
1/4		1/4		1/4		1/4	4,476.65	1/4	4,230.58	1/4	3,983.47	1/4	3,736.10	1/4	3,443.24	1/4	3,086.26	1/4	2,728.74
1/2		1/2		1/2		1/2	4,471.54	1/2	4,225.44	1/2	3,978.31	1/2	3,730.95	1/2	3,435.81	1/2	3,078.81	1/2	2,721.29
3/4		3/4		3/4		3/4	4,466.43	3/4	4,220.30	3/4	3,973.16	3/4	3,725.79	3/4	3,428.39	3/4	3,071.37	3/4	2,713.84
8		8		8		8	4,461.32	8	4,215.16	8	3,968.01	8	3,720.64	8	3,420.96	8	3,063.92	8	2,706.39
1/4		1/4		1/4		1/4	4,456.21	1/4	4,210.03	1/4	3,962.85	1/4	3,715.49	1/4	3,413.53	1/4	3,056.47	1/4	2,698.94
1/2		1/2		1/2		1/2	4,451.10	1/2	4,204.89	1/2	3,957.70	1/2	3,710.33	1/2	3,406.11	1/2	3,049.03	1/2	2,691.49
3/4		3/4		3/4		3/4	4,445.98	3/4	4,199.75	3/4	3,952.55	3/4	3,705.18	3/4	3,398.68	3/4	3,041.58	3/4	2,684.04
9		9		9		9	4,440.87	9	4,194.61	9	3,947.39	9	3,700.03	9	3,391.26	9	3,034.14	9	2,676.59
1/4		1/4		1/4		1/4	4,435.76	1/4	4,189.47	1/4	3,942.24	1/4	3,694.87	1/4	3,383.83	1/4	3,026.69	1/4	2,669.14
1/2		1/2		1/2		1/2	4,430.65	1/2	4,184.33	1/2	3,937.09	1/2	3,689.72	1/2	3,376.40	1/2	3,019.24	1/2	2,661.70
3/4		3/4		3/4		3/4	4,425.54	3/4	4,179.19	3/4	3,931.93	3/4	3,684.56	3/4	3,368.98	3/4	3,011.80	3/4	2,654.25
10		10		10		10	4,420.43	10	4,174.05	10	3,926.78	10	3,679.41	10	3,361.55	10	3,004.35	10	2,646.80
1/4		1/4		1/4		1/4	4,415.31	1/4	4,168.91	1/4	3,921.63	1/4	3,674.26	1/4	3,354.13	1/4	2,996.90	1/4	2,639.35
1/2		1/2		1/2		1/2	4,410.20	1/2	4,163.77	1/2	3,916.47	1/2	3,669.10	1/2	3,346.70	1/2	2,989.46	1/2	2,631.89
3/4		3/4		3/4		3/4	4,405.09	3/4	4,158.63	3/4	3,911.32	3/4	3,663.95	3/4	3,339.28	3/4	2,982.01	3/4	2,624.44
11		11		11		11	4,399.98	11	4,153.50	11	3,906.17	11	3,658.80	11	3,331.85	11	2,974.56	11	2,616.99
1/4		1/4		1/4		1/4	4,394.87	1/4	4,148.36	1/4	3,901.01	1/4	3,653.64	1/4	3,324.42	1/4	2,967.11	1/4	2,609.53
1/2		1/2		1/2		1/2	4,389.76	1/2	4,143.21	1/2	3,895.86	1/2	3,648.49	1/2	3,317.00	1/2	2,959.66	1/2	2,602.08
3/4		3/4		3/4		3/4	4,384.64	3/4	4,138.06	3/4	3,890.70	3/4	3,643.34	3/4	3,309.57	3/4	2,952.21	3/4	2,594.62

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'-07" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3116"

3 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-02 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	2,587.16	0	2,229.26	0	1,871.35	0	1,513.44	0	1,155.53	0	798.18	0	440.28	0	82.38	0		0	
1/4	2,579.71	1/4	2,221.80	1/4	1,863.89	1/4	1,505.98	1/4	1,148.08	1/4	790.72	1/4	432.83	1/4	74.93	1/4		1/4	
1/2	2,572.25	1/2	2,214.34	1/2	1,856.44	1/2	1,498.53	1/2	1,140.62	1/2	783.27	1/2	425.37	1/2	67.94	1/2		1/2	
3/4	2,564.79	3/4	2,206.89	3/4	1,848.98	3/4	1,491.07	3/4	1,133.17	3/4	775.81	3/4	417.91	3/4	60.95	3/4		3/4	
1	2,557.34	1	2,199.43	1	1,841.52	1	1,483.62	1	1,125.72	1	768.35	1	410.46	1	53.96	1		1	
1/4	2,549.88	1/4	2,191.97	1/4	1,834.07	1/4	1,476.16	1/4	1,118.27	1/4	760.90	1/4	403.00	1/4	46.97	1/4		1/4	
1/2	2,542.42	1/2	2,184.52	1/2	1,826.61	1/2	1,468.70	1/2	1,110.82	1/2	753.44	1/2	395.54	1/2	41.37	1/2		1/2	
3/4	2,534.97	3/4	2,177.06	3/4	1,819.15	3/4	1,461.25	3/4	1,103.37	3/4	745.99	3/4	388.09	3/4	35.78	3/4		3/4	
2	2,527.51	2	2,169.60	2	1,811.70	2	1,453.79	2	1,095.92	2	738.53	2	380.63	2	30.19	2		2	
1/4	2,520.05	1/4	2,162.15	1/4	1,804.24	1/4	1,446.33	1/4	1,088.47	1/4	731.07	1/4	373.18	1/4	24.60	1/4		1/4	
1/2	2,512.60	1/2	2,154.69	1/2	1,796.78	1/2	1,438.88	1/2	1,081.03	1/2	723.62	1/2	365.72	1/2	20.87	1/2		1/2	
3/4	2,505.14	3/4	2,147.23	3/4	1,789.33	3/4	1,431.42	3/4	1,073.58	3/4	716.16	3/4	358.26	3/4		3/4		3/4	
3	2,497.69	3	2,139.78	3	1,781.87	3	1,423.96	3	1,066.14	3	708.70	3	350.81	3		3		3	
1/4	2,490.23	1/4	2,132.32	1/4	1,774.41	1/4	1,416.51	1/4	1,058.70	1/4	701.25	1/4	343.35	1/4		1/4		1/4	
1/2	2,482.77	1/2	2,124.87	1/2	1,766.96	1/2	1,409.05	1/2	1,051.25	1/2	693.79	1/2	335.89	1/2		1/2		1/2	
3/4	2,475.32	3/4	2,117.41	3/4	1,759.50	3/4	1,401.59	3/4	1,043.81	3/4	686.34	3/4	328.44	3/4		3/4		3/4	
4	2,467.86	4	2,109.95	4	1,752.05	4	1,394.14	4	1,036.37	4	678.88	4	320.98	4		4		4	
1/4	2,460.40	1/4	2,102.50	1/4	1,744.59	1/4	1,386.68	1/4	1,028.93	1/4	671.42	1/4	313.53	1/4		1/4		1/4	
1/2	2,452.95	1/2	2,095.04	1/2	1,737.13	1/2	1,379.23	1/2	1,021.49	1/2	663.97	1/2	306.07	1/2		1/2		1/2	
3/4	2,445.49	3/4	2,087.58	3/4	1,729.68	3/4	1,371.77	3/4	1,014.05	3/4	656.51	3/4	298.61	3/4		3/4		3/4	
5	2,438.03	5	2,080.13	5	1,722.22	5	1,364.31	5	1,006.61	5	649.05	5	291.16	5		5		5	
1/4	2,430.58	1/4	2,072.67	1/4	1,714.76	1/4	1,356.86	1/4	999.17	1/4	641.60	1/4	283.70	1/4		1/4		1/4	
1/2	2,423.12	1/2	2,065.21	1/2	1,707.31	1/2	1,349.40	1/2	991.72	1/2	634.14	1/2	276.24	1/2		1/2		1/2	
3/4	2,415.67	3/4	2,057.76	3/4	1,699.85	3/4	1,341.94	3/4	984.28	3/4	626.69	3/4	268.79	3/4		3/4		3/4	
6	2,408.21	6	2,050.30	6	1,692.39	6	1,334.49	6	976.84	6	619.23	6	261.33	6		6		6	
1/4	2,400.75	1/4	2,042.85	1/4	1,684.94	1/4	1,327.03	1/4	969.40	1/4	611.77	1/4	253.88	1/4		1/4		1/4	
1/2	2,393.30	1/2	2,035.39	1/2	1,677.48	1/2	1,319.57	1/2	961.96	1/2	604.32	1/2	246.42	1/2		1/2		1/2	
3/4	2,385.84	3/4	2,027.93	3/4	1,670.03	3/4	1,312.12	3/4	954.52	3/4	596.86	3/4	238.96	3/4		3/4		3/4	
7	2,378.38	7	2,020.48	7	1,662.57	7	1,304.66	7	947.08	7	589.41	7	231.51	7		7		7	
1/4	2,370.93	1/4	2,013.02	1/4	1,655.11	1/4	1,297.21	1/4	939.64	1/4	581.95	1/4	224.05	1/4		1/4		1/4	
1/2	2,363.47	1/2	2,005.56	1/2	1,647.66	1/2	1,289.75	1/2	932.20	1/2	574.49	1/2	216.60	1/2		1/2		1/2	
3/4	2,356.01	3/4	1,998.11	3/4	1,640.20	3/4	1,282.29	3/4	924.75	3/4	567.04	3/4	209.14	3/4		3/4		3/4	
8	2,348.56	8	1,990.65	8	1,632.74	8	1,274.84	8	917.31	8	559.58	8	201.68	8		8		8	
1/4	2,341.10	1/4	1,983.19	1/4	1,625.29	1/4	1,267.38	1/4	909.87	1/4	552.12	1/4	194.23	1/4		1/4		1/4	
1/2	2,333.64	1/2	1,975.74	1/2	1,617.83	1/2	1,259.92	1/2	902.43	1/2	544.67	1/2	186.77	1/2		1/2		1/2	
3/4	2,326.19	3/4	1,968.28	3/4	1,610.37	3/4	1,252.47	3/4	894.99	3/4	537.21	3/4	179.31	3/4		3/4		3/4	
9	2,318.73	9	1,960.82	9	1,602.92	9	1,245.01	9	887.55	9	529.76	9	171.86	9		9		9	
1/4	2,311.28	1/4	1,953.37	1/4	1,595.46	1/4	1,237.55	1/4	880.11	1/4	522.30	1/4	164.40	1/4		1/4		1/4	
1/2	2,303.82	1/2	1,945.91	1/2	1,588.00	1/2	1,230.10	1/2	872.67	1/2	514.84	1/2	156.95	1/2		1/2		1/2	
3/4	2,296.36	3/4	1,938.46	3/4	1,580.55	3/4	1,222.64	3/4	865.22	3/4	507.39	3/4	149.49	3/4		3/4		3/4	
10	2,288.91	10	1,931.00	10	1,573.09	10	1,215.18	10	857.78	10	499.93	10	142.03	10		10		10	
1/4	2,281.45	1/4	1,923.54	1/4	1,565.64	1/4	1,207.73	1/4	850.34	1/4	492.47	1/4	134.58	1/4		1/4		1/4	
1/2	2,273.99	1/2	1,916.09	1/2	1,558.18	1/2	1,200.27	1/2	842.89	1/2	485.02	1/2	127.12	1/2		1/2		1/2	
3/4	2,266.54	3/4	1,908.63	3/4	1,550.72	3/4	1,192.82	3/4	835.44	3/4	477.56	3/4	119.66	3/4		3/4		3/4	
11	2,259.08	11	1,901.17	11	1,543.27	11	1,185.36	11	828.00	11	470.11	11	112.21	11		11		11	
1/4	2,251.62	1/4	1,893.72	1/4	1,535.81	1/4	1,177.90	1/4	820.55	1/4	462.65	1/4	104.75	1/4		1/4		1/4	
1/2	2,244.17	1/2	1,886.26	1/2	1,528.35	1/2	1,170.45	1/2	813.09	1/2	455.19	1/2	97.30	1/2		1/2		1/2	
3/4	2,236.71	3/4	1,878.80	3/4	1,520.90	3/4	1,162.99	3/4	805.64	3/4	447.74	3/4	89.84	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2014 SW
RECALCULATED: 02/19/2019 CL
VERIFIED: 02/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3116"

FWD SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	454	0	908	0	1,361	0	1,815	0		0		0		0		0	
1/4	9	1/4	463	1/4	917	1/4	1,371	1/4	1,825	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	473	1/2	927	1/2	1,380	1/2	1,834	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	482	3/4	936	3/4	1,390	3/4	1,844	3/4		3/4		3/4		3/4		3/4	
1	38	1	492	1	945	1	1,399	1	1,853	1	1	1	1	1	1	1	1	1	1
1/4	47	1/4	501	1/4	955	1/4	1,409	1/4	1,863	1/4		1/4		1/4		1/4		1/4	
1/2	57	1/2	511	1/2	964	1/2	1,418	1/2	1,872	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	520	3/4	974	3/4	1,428	3/4	1,881	3/4		3/4		3/4		3/4		3/4	
2	76	2	529	2	983	2	1,437	2	1,891	2	2	2	2	2	2	2	2	2	2
1/4	85	1/4	539	1/4	993	1/4	1,447	1/4	1,900	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	548	1/2	1,002	1/2	1,456	1/2	1,910	1/2		1/2		1/2		1/2		1/2	
3/4	104	3/4	558	3/4	1,012	3/4	1,465	3/4	1,919	3/4		3/4		3/4		3/4		3/4	
3	113	3	567	3	1,021	3	1,475	3	1,929	3	3	3	3	3	3	3	3	3	3
1/4	123	1/4	577	1/4	1,031	1/4	1,484	1/4	1,938	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	586	1/2	1,040	1/2	1,494	1/2	1,948	1/2		1/2		1/2		1/2		1/2	
3/4	142	3/4	596	3/4	1,049	3/4	1,503	3/4	1,957	3/4		3/4		3/4		3/4		3/4	
4	151	4	605	4	1,059	4	1,513	4	1,967	4	4	4	4	4	4	4	4	4	4
1/4	161	1/4	615	1/4	1,068	1/4	1,522	1/4	1,976	1/4		1/4		1/4		1/4		1/4	
1/2	170	1/2	624	1/2	1,078	1/2	1,532	1/2	1,985	1/2		1/2		1/2		1/2		1/2	
3/4	180	3/4	633	3/4	1,087	3/4	1,541	3/4	1,995	3/4		3/4		3/4		3/4		3/4	
5	189	5	643	5	1,097	5	1,551	5	2,004	5	5	5	5	5	5	5	5	5	5
1/4	199	1/4	652	1/4	1,106	1/4	1,560	1/4	2,014	1/4		1/4		1/4		1/4		1/4	
1/2	208	1/2	662	1/2	1,116	1/2	1,569	1/2	2,023	1/2		1/2		1/2		1/2		1/2	
3/4	217	3/4	671	3/4	1,125	3/4	1,579	3/4	2,033	3/4		3/4		3/4		3/4		3/4	
6	227	6	681	6	1,135	6	1,588	6	2,042	6	6	6	6	6	6	6	6	6	6
1/4	236	1/4	690	1/4	1,144	1/4	1,598	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	246	1/2	700	1/2	1,153	1/2	1,607	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	255	3/4	709	3/4	1,163	3/4	1,617	3/4		3/4		3/4		3/4		3/4		3/4	
7	265	7	719	7	1,172	7	1,626	7		7	7	7	7	7	7	7	7	7	7
1/4	274	1/4	728	1/4	1,182	1/4	1,636	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	737	1/2	1,191	1/2	1,645	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	293	3/4	747	3/4	1,201	3/4	1,655	3/4		3/4		3/4		3/4		3/4		3/4	
8	303	8	756	8	1,210	8	1,664	8		8	8	8	8	8	8	8	8	8	8
1/4	312	1/4	766	1/4	1,220	1/4	1,673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	321	1/2	775	1/2	1,229	1/2	1,683	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	331	3/4	785	3/4	1,239	3/4	1,692	3/4		3/4		3/4		3/4		3/4		3/4	
9	340	9	794	9	1,248	9	1,702	9		9	9	9	9	9	9	9	9	9	9
1/4	350	1/4	804	1/4	1,257	1/4	1,711	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	359	1/2	813	1/2	1,267	1/2	1,721	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	369	3/4	823	3/4	1,276	3/4	1,730	3/4		3/4		3/4		3/4		3/4		3/4	
10	378	10	832	10	1,286	10	1,740	10		10	10	10	10	10	10	10	10	10	10
1/4	388	1/4	841	1/4	1,295	1/4	1,749	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	397	1/2	851	1/2	1,305	1/2	1,759	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	407	3/4	860	3/4	1,314	3/4	1,768	3/4		3/4		3/4		3/4		3/4		3/4	
11	416	11	870	11	1,324	11	1,777	11		11	11	11	11	11	11	11	11	11	11
1/4	425	1/4	879	1/4	1,333	1/4	1,787	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	435	1/2	889	1/2	1,343	1/2	1,796	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	444	3/4	898	3/4	1,352	3/4	1,806	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 02/05/2024 JS
 CALCULATED: 02/06/2024
 VERIFIED: 02/05/2024

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3116"

AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	454	0	908	0	1,361	0	1,815	0		0		0		0		0	
1/4	9	1/4	463	1/4	917	1/4	1,371	1/4	1,825	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	473	1/2	927	1/2	1,380	1/2	1,834	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	482	3/4	936	3/4	1,390	3/4	1,844	3/4		3/4		3/4		3/4		3/4	
1	38	1	492	1	945	1	1,399	1	1,853	1		1		1		1		1	
1/4	47	1/4	501	1/4	955	1/4	1,409	1/4	1,863	1/4		1/4		1/4		1/4		1/4	
1/2	57	1/2	511	1/2	964	1/2	1,418	1/2	1,872	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	520	3/4	974	3/4	1,428	3/4	1,881	3/4		3/4		3/4		3/4		3/4	
2	76	2	529	2	983	2	1,437	2	1,891	2		2		2		2		2	
1/4	85	1/4	539	1/4	993	1/4	1,447	1/4	1,900	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	548	1/2	1,002	1/2	1,456	1/2	1,910	1/2		1/2		1/2		1/2		1/2	
3/4	104	3/4	558	3/4	1,012	3/4	1,465	3/4	1,919	3/4		3/4		3/4		3/4		3/4	
3	113	3	567	3	1,021	3	1,475	3	1,929	3		3		3		3		3	
1/4	123	1/4	577	1/4	1,031	1/4	1,484	1/4	1,938	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	586	1/2	1,040	1/2	1,494	1/2	1,948	1/2		1/2		1/2		1/2		1/2	
3/4	142	3/4	596	3/4	1,049	3/4	1,503	3/4	1,957	3/4		3/4		3/4		3/4		3/4	
4	151	4	605	4	1,059	4	1,513	4	1,967	4		4		4		4		4	
1/4	161	1/4	615	1/4	1,068	1/4	1,522	1/4	1,976	1/4		1/4		1/4		1/4		1/4	
1/2	170	1/2	624	1/2	1,078	1/2	1,532	1/2	1,985	1/2		1/2		1/2		1/2		1/2	
3/4	180	3/4	633	3/4	1,087	3/4	1,541	3/4	1,995	3/4		3/4		3/4		3/4		3/4	
5	189	5	643	5	1,097	5	1,551	5	2,004	5		5		5		5		5	
1/4	199	1/4	652	1/4	1,106	1/4	1,560	1/4	2,014	1/4		1/4		1/4		1/4		1/4	
1/2	208	1/2	662	1/2	1,116	1/2	1,569	1/2	2,023	1/2		1/2		1/2		1/2		1/2	
3/4	217	3/4	671	3/4	1,125	3/4	1,579	3/4	2,033	3/4		3/4		3/4		3/4		3/4	
6	227	6	681	6	1,135	6	1,588	6	2,042	6		6		6		6		6	
1/4	236	1/4	690	1/4	1,144	1/4	1,598	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	246	1/2	700	1/2	1,153	1/2	1,607	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	255	3/4	709	3/4	1,163	3/4	1,617	3/4		3/4		3/4		3/4		3/4		3/4	
7	265	7	719	7	1,172	7	1,626	7		7		7		7		7		7	
1/4	274	1/4	728	1/4	1,182	1/4	1,636	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	737	1/2	1,191	1/2	1,645	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	293	3/4	747	3/4	1,201	3/4	1,655	3/4		3/4		3/4		3/4		3/4		3/4	
8	303	8	756	8	1,210	8	1,664	8		8		8		8		8		8	
1/4	312	1/4	766	1/4	1,220	1/4	1,673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	321	1/2	775	1/2	1,229	1/2	1,683	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	331	3/4	785	3/4	1,239	3/4	1,692	3/4		3/4		3/4		3/4		3/4		3/4	
9	340	9	794	9	1,248	9	1,702	9		9		9		9		9		9	
1/4	350	1/4	804	1/4	1,257	1/4	1,711	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	359	1/2	813	1/2	1,267	1/2	1,721	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	369	3/4	823	3/4	1,276	3/4	1,730	3/4		3/4		3/4		3/4		3/4		3/4	
10	378	10	832	10	1,286	10	1,740	10		10		10		10		10		10	
1/4	388	1/4	841	1/4	1,295	1/4	1,749	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	397	1/2	851	1/2	1,305	1/2	1,759	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	407	3/4	860	3/4	1,314	3/4	1,768	3/4		3/4		3/4		3/4		3/4		3/4	
11	416	11	870	11	1,324	11	1,777	11		11		11		11		11		11	
1/4	425	1/4	879	1/4	1,333	1/4	1,787	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	435	1/2	889	1/2	1,343	1/2	1,796	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	444	3/4	898	3/4	1,352	3/4	1,806	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 02/05/2024 JS
 CALCULATED: 02/06/2024
 VERIFIED: 02/05/2024

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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