



BARGE "HTCO 3112"

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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 PORT	- 00-1/8	00-1/8	- 00-1/4	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"

January 9, 2024

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

<http://www.pmacorp.net>



BARGE "HTCO 3112"

1 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 3/4"

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

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 HERMETIC DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

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BARGE "HTCO 3112"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2013 CL
RECALCULATED: 01/05/2019 CL
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 3112"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04"

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	4,708.65	0	4,352.16	0	3,994.39	0	3,636.50	0	3,278.62	0	2,920.74		
1/4		1/4		1/4		1/4		1/4	4,701.25	1/4	4,344.73	1/4	3,986.93	1/4	3,629.05	1/4	3,271.16	1/4	2,913.29		
1/2		1/2		1/2		1/2		1/2	4,693.86	1/2	4,337.29	1/2	3,979.47	1/2	3,621.59	1/2	3,263.71	1/2	2,905.83		
3/4		3/4		3/4		3/4		3/4	4,686.46	3/4	4,329.86	3/4	3,972.02	3/4	3,614.14	3/4	3,256.25	3/4	2,898.38		
1		1		1		1		1	4,679.07	1	4,322.41	1	3,964.56	1	3,606.68	1	3,248.80	1	2,890.92		
1/4		1/4		1/4		1/4		1/4	4,671.67	1/4	4,314.97	1/4	3,957.11	1/4	3,599.22	1/4	3,241.34	1/4	2,883.46		
1/2		1/2		1/2		1/2	5,007.59	1/2	4,664.28	1/2	4,307.52	1/2	3,949.65	1/2	3,591.77	1/2	3,233.88	1/2	2,876.00		
3/4		3/4		3/4		3/4	5,002.86	3/4	4,656.88	3/4	4,300.08	3/4	3,942.20	3/4	3,584.31	3/4	3,226.43	3/4	2,868.54		
2		2		2		2		2	4,649.47	2	4,292.62	2	3,934.74	2	3,576.86	2	3,218.97	2	2,861.08		
1/4		1/4		1/4		1/4		1/4	4,991.26	1/4	4,642.06	1/4	4,285.17	1/4	3,927.28	1/4	3,569.40	1/4	3,211.52	1/4	2,853.62
1/2		1/2		1/2		1/2		1/2	4,985.46	1/2	4,634.64	1/2	4,277.71	1/2	3,919.83	1/2	3,561.94	1/2	3,204.06	1/2	2,846.16
3/4		3/4		3/4		3/4		3/4	4,979.66	3/4	4,627.23	3/4	4,270.26	3/4	3,912.37	3/4	3,554.49	3/4	3,196.61	3/4	2,838.70
3		3		3		3		3	4,972.86	3	4,619.79	3	4,262.80	3	3,904.92	3	3,547.03	3	3,189.15	3	2,831.24
1/4		1/4		1/4		1/4		1/4	4,966.06	1/4	4,612.36	1/4	4,255.34	1/4	3,897.46	1/4	3,539.58	1/4	3,181.69	1/4	2,823.78
1/2		1/2		1/2		1/2		1/2	4,959.26	1/2	4,604.92	1/2	4,247.89	1/2	3,890.00	1/2	3,532.12	1/2	3,174.24	1/2	2,816.32
3/4		3/4		3/4		3/4		3/4	4,952.47	3/4	4,597.49	3/4	4,240.43	3/4	3,882.55	3/4	3,524.67	3/4	3,166.78	3/4	2,808.86
4		4		4		4		4	4,945.13	4	4,590.06	4	4,232.98	4	3,875.09	4	3,517.21	4	3,159.33	4	2,801.40
1/4		1/4		1/4		1/4		1/4	4,937.80	1/4	4,582.62	1/4	4,225.52	1/4	3,867.64	1/4	3,509.75	1/4	3,151.87	1/4	2,793.94
1/2		1/2		1/2		1/2		1/2	4,930.47	1/2	4,575.19	1/2	4,218.06	1/2	3,860.18	1/2	3,502.30	1/2	3,144.41	1/2	2,786.48
3/4		3/4		3/4		3/4		3/4	4,923.14	3/4	4,567.75	3/4	4,210.61	3/4	3,852.72	3/4	3,494.84	3/4	3,136.96	3/4	2,779.02
5		5		5		5		5	4,915.74	5	4,560.32	5	4,203.15	5	3,845.27	5	3,487.39	5	3,129.50	5	2,771.56
1/4		1/4		1/4		1/4		1/4	4,908.34	1/4	4,552.89	1/4	4,195.70	1/4	3,837.81	1/4	3,479.93	1/4	3,122.05	1/4	2,764.10
1/2		1/2		1/2		1/2		1/2	4,900.95	1/2	4,545.45	1/2	4,188.24	1/2	3,830.36	1/2	3,472.47	1/2	3,114.59	1/2	2,756.64
3/4		3/4		3/4		3/4		3/4	4,893.55	3/4	4,538.02	3/4	4,180.78	3/4	3,822.90	3/4	3,465.02	3/4	3,107.13	3/4	2,749.18
6		6		6		6		6	4,886.15	6	4,530.58	6	4,173.33	6	3,815.45	6	3,457.56	6	3,099.68	6	2,741.72
1/4		1/4		1/4		1/4		1/4	4,878.75	1/4	4,523.15	1/4	4,165.87	1/4	3,807.99	1/4	3,450.11	1/4	3,092.22	1/4	2,734.26
1/2		1/2		1/2		1/2		1/2	4,871.35	1/2	4,515.71	1/2	4,158.42	1/2	3,800.53	1/2	3,442.65	1/2	3,084.77	1/2	2,726.80
3/4		3/4		3/4		3/4		3/4	4,863.95	3/4	4,508.28	3/4	4,150.96	3/4	3,793.08	3/4	3,435.19	3/4	3,077.31	3/4	2,719.34
7		7		7		7		7	4,856.56	7	4,500.85	7	4,143.50	7	3,785.62	7	3,427.74	7	3,069.86	7	2,711.88
1/4		1/4		1/4		1/4		1/4	4,849.16	1/4	4,493.41	1/4	4,136.05	1/4	3,778.17	1/4	3,420.28	1/4	3,062.40	1/4	2,704.42
1/2		1/2		1/2		1/2		1/2	4,841.76	1/2	4,485.98	1/2	4,128.59	1/2	3,770.71	1/2	3,412.83	1/2	3,054.94	1/2	2,696.96
3/4		3/4		3/4		3/4		3/4	4,834.36	3/4	4,478.54	3/4	4,121.14	3/4	3,763.25	3/4	3,405.37	3/4	3,047.49	3/4	2,689.50
8		8		8		8		8	4,826.96	8	4,471.11	8	4,113.68	8	3,755.80	8	3,397.91	8	3,040.03	8	2,682.04
1/4		1/4		1/4		1/4		1/4	4,819.57	1/4	4,463.67	1/4	4,106.23	1/4	3,748.34	1/4	3,390.46	1/4	3,032.58	1/4	2,674.58
1/2		1/2		1/2		1/2		1/2	4,812.17	1/2	4,456.24	1/2	4,098.77	1/2	3,740.89	1/2	3,383.00	1/2	3,025.12	1/2	2,667.12
3/4		3/4		3/4		3/4		3/4	4,804.77	3/4	4,448.81	3/4	4,091.31	3/4	3,733.43	3/4	3,375.55	3/4	3,017.66	3/4	2,659.66
9		9		9		9		9	4,797.38	9	4,441.37	9	4,083.86	9	3,725.97	9	3,368.09	9	3,010.21	9	2,652.20
1/4		1/4		1/4		1/4		1/4	4,789.99	1/4	4,433.94	1/4	4,076.40	1/4	3,718.52	1/4	3,360.64	1/4	3,002.75	1/4	2,644.74
1/2		1/2		1/2		1/2		1/2	4,782.59	1/2	4,426.50	1/2	4,068.95	1/2	3,711.06	1/2	3,353.18	1/2	2,995.30	1/2	2,637.28
3/4		3/4		3/4		3/4		3/4	4,775.20	3/4	4,419.07	3/4	4,061.49	3/4	3,703.61	3/4	3,345.72	3/4	2,987.84	3/4	2,629.82
10		10		10		10		10	4,767.80	10	4,411.64	10	4,054.03	10	3,696.15	10	3,338.27	10	2,980.38	10	2,622.36
1/4		1/4		1/4		1/4		1/4	4,760.41	1/4	4,404.20	1/4	4,046.58	1/4	3,688.69	1/4	3,330.81	1/4	2,972.93	1/4	2,614.90
1/2		1/2		1/2		1/2		1/2	4,753.01	1/2	4,396.77	1/2	4,039.12	1/2	3,681.24	1/2	3,323.36	1/2	2,965.47	1/2	2,607.44
3/4		3/4		3/4		3/4		3/4	4,745.62	3/4	4,389.33	3/4	4,031.67	3/4	3,673.78	3/4	3,315.90	3/4	2,958.02	3/4	2,599.98
11		11		11		11		11	4,738.22	11	4,381.90	11	4,024.21	11	3,666.33	11	3,308.44	11	2,950.56	11	2,592.52
1/4		1/4		1/4		1/4		1/4	4,730.83	1/4	4,374.46	1/4	4,016.75	1/4	3,658.87	1/4	3,300.99	1/4	2,943.10	1/4	2,585.06
1/2		1/2		1/2		1/2		1/2	4,723.44	1/2	4,367.03	1/2	4,009.30	1/2	3,651.42	1/2	3,293.53	1/2	2,935.65	1/2	2,577.60
3/4		3/4		3/4		3/4		3/4	4,716.04	3/4	4,359.60	3/4	4,001.84	3/4	3,643.96	3/4	3,286.08	3/4	2,928.19	3/4	2,570.14

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 HERMETIC DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" 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 3112"

1 STBD

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	2,562.68	0	2,204.60	0	1,846.52	0	1,488.44	0	1,130.36	0	772.76	0	418.55	0	101.70	0		0	
1/4	2,555.22	1/4	2,197.14	1/4	1,839.06	1/4	1,480.98	1/4	1,122.90	1/4	765.31	1/4	411.50	1/4	95.59	1/4		1/4	
1/2	2,547.76	1/2	2,189.68	1/2	1,831.60	1/2	1,473.52	1/2	1,115.44	1/2	757.85	1/2	404.44	1/2	89.48	1/2		1/2	
3/4	2,540.30	3/4	2,182.22	3/4	1,824.14	3/4	1,466.06	3/4	1,107.98	3/4	750.40	3/4	397.39	3/4	83.37	3/4		3/4	
1	2,532.84	1	2,174.76	1	1,816.68	1	1,458.60	1	1,100.52	1	742.94	1	390.42	1	77.34	1		1	
1/4	2,525.38	1/4	2,167.30	1/4	1,809.22	1/4	1,451.14	1/4	1,093.06	1/4	735.48	1/4	383.45	1/4	71.32	1/4		1/4	
1/2	2,517.92	1/2	2,159.84	1/2	1,801.76	1/2	1,443.68	1/2	1,085.60	1/2	728.02	1/2	376.48	1/2	65.29	1/2		1/2	
3/4	2,510.46	3/4	2,152.38	3/4	1,794.30	3/4	1,436.22	3/4	1,078.14	3/4	720.56	3/4	369.51	3/4	59.26	3/4		3/4	
2	2,503.00	2	2,144.92	2	1,786.84	2	1,428.76	2	1,070.68	2	713.10	2	362.61	2	53.78	2		2	
1/4	2,495.54	1/4	2,137.46	1/4	1,779.38	1/4	1,421.30	1/4	1,063.23	1/4	705.64	1/4	355.72	1/4	48.30	1/4		1/4	
1/2	2,488.08	1/2	2,130.00	1/2	1,771.92	1/2	1,413.84	1/2	1,055.77	1/2	698.18	1/2	348.82	1/2	42.82	1/2		1/2	
3/4	2,480.62	3/4	2,122.54	3/4	1,764.46	3/4	1,406.38	3/4	1,048.31	3/4	690.72	3/4	341.92	3/4	37.34	3/4		3/4	
3	2,473.16	3	2,115.08	3	1,757.00	3	1,398.92	3	1,040.86	3	683.26	3	335.10	3	33.34	3		3	
1/4	2,465.70	1/4	2,107.62	1/4	1,749.54	1/4	1,391.46	1/4	1,033.41	1/4	675.80	1/4	328.28	1/4	29.34	1/4		1/4	
1/2	2,458.24	1/2	2,100.16	1/2	1,742.08	1/2	1,384.00	1/2	1,025.95	1/2	668.34	1/2	321.46	1/2	25.34	1/2		1/2	
3/4	2,450.78	3/4	2,092.70	3/4	1,734.62	3/4	1,376.54	3/4	1,018.50	3/4	660.88	3/4	314.63	3/4	21.34	3/4		3/4	
4	2,443.32	4	2,085.24	4	1,727.16	4	1,369.08	4	1,011.05	4	653.42	4	307.89	4	18.43	4		4	
1/4	2,435.86	1/4	2,077.78	1/4	1,719.70	1/4	1,361.62	1/4	1,003.60	1/4	645.96	1/4	301.15	1/4		1/4		1/4	
1/2	2,428.40	1/2	2,070.32	1/2	1,712.24	1/2	1,354.16	1/2	996.15	1/2	638.50	1/2	294.40	1/2		1/2		1/2	
3/4	2,420.94	3/4	2,062.86	3/4	1,704.78	3/4	1,346.70	3/4	988.70	3/4	631.04	3/4	287.66	3/4		3/4		3/4	
5	2,413.48	5	2,055.40	5	1,697.32	5	1,339.24	5	981.26	5	623.58	5	281.00	5		5		5	
1/4	2,406.02	1/4	2,047.94	1/4	1,689.86	1/4	1,331.78	1/4	973.81	1/4	616.13	1/4	274.34	1/4		1/4		1/4	
1/2	2,398.56	1/2	2,040.48	1/2	1,682.40	1/2	1,324.32	1/2	966.36	1/2	608.67	1/2	267.68	1/2		1/2		1/2	
3/4	2,391.10	3/4	2,033.02	3/4	1,674.94	3/4	1,316.86	3/4	958.92	3/4	601.21	3/4	261.01	3/4		3/4		3/4	
6	2,383.64	6	2,025.56	6	1,667.48	6	1,309.40	6	951.47	6	593.75	6	254.43	6		6		6	
1/4	2,376.18	1/4	2,018.10	1/4	1,660.02	1/4	1,301.94	1/4	944.03	1/4	586.29	1/4	247.85	1/4		1/4		1/4	
1/2	2,368.72	1/2	2,010.64	1/2	1,652.56	1/2	1,294.48	1/2	936.58	1/2	578.83	1/2	241.27	1/2		1/2		1/2	
3/4	2,361.26	3/4	2,003.18	3/4	1,645.10	3/4	1,287.02	3/4	929.13	3/4	571.37	3/4	234.69	3/4		3/4		3/4	
7	2,353.80	7	1,995.72	7	1,637.64	7	1,279.56	7	921.69	7	563.93	7	228.19	7		7		7	
1/4	2,346.34	1/4	1,988.26	1/4	1,630.18	1/4	1,272.10	1/4	914.24	1/4	556.50	1/4	221.69	1/4		1/4		1/4	
1/2	2,338.88	1/2	1,980.80	1/2	1,622.72	1/2	1,264.64	1/2	906.79	1/2	549.07	1/2	215.19	1/2		1/2		1/2	
3/4	2,331.42	3/4	1,973.34	3/4	1,615.26	3/4	1,257.18	3/4	899.35	3/4	541.63	3/4	208.69	3/4		3/4		3/4	
8	2,323.96	8	1,965.88	8	1,607.80	8	1,249.72	8	891.90	8	534.26	8	202.28	8		8		8	
1/4	2,316.50	1/4	1,958.42	1/4	1,600.34	1/4	1,242.26	1/4	884.46	1/4	526.90	1/4	195.86	1/4		1/4		1/4	
1/2	2,309.04	1/2	1,950.96	1/2	1,592.88	1/2	1,234.80	1/2	877.01	1/2	519.53	1/2	189.44	1/2		1/2		1/2	
3/4	2,301.58	3/4	1,943.50	3/4	1,585.42	3/4	1,227.34	3/4	869.56	3/4	512.16	3/4	183.02	3/4		3/4		3/4	
9	2,294.12	9	1,936.04	9	1,577.96	9	1,219.88	9	862.12	9	504.87	9	176.68	9		9		9	
1/4	2,286.66	1/4	1,928.58	1/4	1,570.50	1/4	1,212.42	1/4	854.67	1/4	497.58	1/4	170.33	1/4		1/4		1/4	
1/2	2,279.20	1/2	1,921.12	1/2	1,563.04	1/2	1,204.96	1/2	847.23	1/2	490.29	1/2	163.99	1/2		1/2		1/2	
3/4	2,271.74	3/4	1,913.66	3/4	1,555.58	3/4	1,197.50	3/4	839.78	3/4	482.99	3/4	157.65	3/4		3/4		3/4	
10	2,264.28	10	1,906.20	10	1,548.12	10	1,190.04	10	832.33	10	475.78	10	151.38	10		10		10	
1/4	2,256.82	1/4	1,898.74	1/4	1,540.66	1/4	1,182.58	1/4	824.89	1/4	468.56	1/4	145.11	1/4		1/4		1/4	
1/2	2,249.36	1/2	1,891.28	1/2	1,533.20	1/2	1,175.12	1/2	817.44	1/2	461.35	1/2	138.84	1/2		1/2		1/2	
3/4	2,241.90	3/4	1,883.82	3/4	1,525.74	3/4	1,167.66	3/4	810.00	3/4	454.13	3/4	132.57	3/4		3/4		3/4	
11	2,234.44	11	1,876.36	11	1,518.28	11	1,160.20	11	802.55	11	447.00	11	126.38	11		11		11	
1/4	2,226.98	1/4	1,868.90	1/4	1,510.82	1/4	1,152.74	1/4	795.10	1/4	439.87	1/4	120.19	1/4		1/4		1/4	
1/2	2,219.52	1/2	1,861.44	1/2	1,503.36	1/2	1,145.28	1/2	787.66	1/2	432.73	1/2	114.00	1/2		1/2		1/2	
3/4	2,212.06	3/4	1,853.98	3/4	1,495.90	3/4	1,137.82	3/4	780.21	3/4	425.60	3/4	107.81	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2013 CL
RECALCULATED: 01/05/2019 CL
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 3112"

2 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 3/4"

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	4,773.08	0	4,415.42	0	4,056.47	0	3,697.46	0	3,338.44	0	2,979.42
1/4		1/4		1/4		1/4		1/4	4,765.66	1/4	4,407.96	1/4	4,048.99	1/4	3,689.98	1/4	3,330.96	1/4	2,971.94
1/2		1/2		1/2		1/2		1/2	4,758.24	1/2	4,400.50	1/2	4,041.51	1/2	3,682.50	1/2	3,323.48	1/2	2,964.46
3/4		3/4		3/4		3/4		3/4	4,750.83	3/4	4,393.03	3/4	4,034.03	3/4	3,675.02	3/4	3,316.00	3/4	2,956.97
1		1		1		1		1	4,743.41	1	4,385.56	1	4,026.56	1	3,667.54	1	3,308.52	1	2,949.49
1/4		1/4		1/4		1/4		1/4	5,080.42	1/4	4,735.99	1/4	4,378.08	1/4	4,019.08	1/4	3,660.06	1/4	3,301.04
1/2		1/2		1/2		1/2		1/2	5,075.67	1/2	4,728.57	1/2	4,370.61	1/2	4,011.60	1/2	3,652.58	1/2	3,293.56
3/4		3/4		3/4		3/4		3/4	5,069.85	3/4	4,721.13	3/4	4,363.13	3/4	4,004.12	3/4	3,645.10	3/4	3,286.08
2		2		2		2		2	5,064.03	2	4,713.69	2	4,355.65	2	3,996.64	2	3,637.62	2	3,278.61
1/4		1/4		1/4		1/4		1/4	5,058.21	1/4	4,706.26	1/4	4,348.17	1/4	3,989.16	1/4	3,630.14	1/4	3,271.13
1/2		1/2		1/2		1/2		1/2	5,052.39	1/2	4,698.82	1/2	4,340.69	1/2	3,981.68	1/2	3,622.66	1/2	3,263.65
3/4		3/4		3/4		3/4		3/4	5,045.57	3/4	4,691.36	3/4	4,333.21	3/4	3,974.20	3/4	3,615.18	3/4	3,256.17
3		3		3		3		3	5,038.75	3	4,683.90	3	4,325.74	3	3,966.72	3	3,607.70	3	3,248.69
1/4		1/4		1/4		1/4		1/4	5,031.93	1/4	4,676.44	1/4	4,318.26	1/4	3,959.24	1/4	3,600.22	1/4	3,241.21
1/2		1/2		1/2		1/2		1/2	5,025.11	1/2	4,668.99	1/2	4,310.78	1/2	3,951.76	1/2	3,592.74	1/2	3,233.73
3/4		3/4		3/4		3/4		3/4	5,017.75	3/4	4,661.53	3/4	4,303.30	3/4	3,944.28	3/4	3,585.26	3/4	3,226.25
4		4		4		4		4	5,010.39	4	4,654.07	4	4,295.82	4	3,936.80	4	3,577.79	4	3,218.77
1/4		1/4		1/4		1/4		1/4	5,003.04	1/4	4,646.61	1/4	4,288.34	1/4	3,929.32	1/4	3,570.31	1/4	3,211.29
1/2		1/2		1/2		1/2		1/2	4,995.68	1/2	4,639.16	1/2	4,280.86	1/2	3,921.84	1/2	3,562.83	1/2	3,203.81
3/4		3/4		3/4		3/4		3/4	4,988.26	3/4	4,631.70	3/4	4,273.38	3/4	3,914.36	3/4	3,555.35	3/4	3,196.33
5		5		5		5		5	4,980.84	5	4,624.24	5	4,265.90	5	3,906.88	5	3,547.87	5	3,188.85
1/4		1/4		1/4		1/4		1/4	4,973.41	1/4	4,616.78	1/4	4,258.42	1/4	3,899.40	1/4	3,540.39	1/4	3,181.37
1/2		1/2		1/2		1/2		1/2	4,965.99	1/2	4,609.32	1/2	4,250.94	1/2	3,891.92	1/2	3,532.91	1/2	3,173.89
3/4		3/4		3/4		3/4		3/4	4,958.57	3/4	4,601.87	3/4	4,243.46	3/4	3,884.44	3/4	3,525.43	3/4	3,166.41
6		6		6		6		6	4,951.15	6	4,594.41	6	4,235.98	6	3,876.97	6	3,517.95	6	3,158.93
1/4		1/4		1/4		1/4		1/4	4,943.73	1/4	4,586.95	1/4	4,228.50	1/4	3,869.49	1/4	3,510.47	1/4	3,151.45
1/2		1/2		1/2		1/2		1/2	4,936.30	1/2	4,579.49	1/2	4,221.02	1/2	3,862.01	1/2	3,502.99	1/2	3,143.97
3/4		3/4		3/4		3/4		3/4	4,928.88	3/4	4,572.03	3/4	4,213.54	3/4	3,854.53	3/4	3,495.51	3/4	3,136.49
7		7		7		7		7	4,921.46	7	4,564.58	7	4,206.06	7	3,847.05	7	3,488.03	7	3,129.02
1/4		1/4		1/4		1/4		1/4	4,914.04	1/4	4,557.12	1/4	4,198.58	1/4	3,839.57	1/4	3,480.55	1/4	3,121.54
1/2		1/2		1/2		1/2		1/2	4,906.61	1/2	4,549.66	1/2	4,191.10	1/2	3,832.09	1/2	3,473.07	1/2	3,114.06
3/4		3/4		3/4		3/4		3/4	4,899.19	3/4	4,542.20	3/4	4,183.62	3/4	3,824.61	3/4	3,465.59	3/4	3,106.58
8		8		8		8		8	4,891.77	8	4,534.74	8	4,176.15	8	3,817.13	8	3,458.11	8	3,099.10
1/4		1/4		1/4		1/4		1/4	4,884.35	1/4	4,527.29	1/4	4,168.67	1/4	3,809.65	1/4	3,450.63	1/4	3,091.62
1/2		1/2		1/2		1/2		1/2	4,876.93	1/2	4,519.83	1/2	4,161.19	1/2	3,802.17	1/2	3,443.15	1/2	3,084.14
3/4		3/4		3/4		3/4		3/4	4,869.52	3/4	4,512.37	3/4	4,153.71	3/4	3,794.69	3/4	3,435.67	3/4	3,076.66
9		9		9		9		9	4,862.10	9	4,504.91	9	4,146.23	9	3,787.21	9	3,428.20	9	3,069.18
1/4		1/4		1/4		1/4		1/4	4,854.68	1/4	4,497.46	1/4	4,138.75	1/4	3,779.73	1/4	3,420.72	1/4	3,061.70
1/2		1/2		1/2		1/2		1/2	4,847.26	1/2	4,490.00	1/2	4,131.27	1/2	3,772.25	1/2	3,413.24	1/2	3,054.22
3/4		3/4		3/4		3/4		3/4	4,839.84	3/4	4,482.54	3/4	4,123.79	3/4	3,764.77	3/4	3,405.76	3/4	3,046.74
10		10		10		10		10	4,832.43	10	4,475.08	10	4,116.31	10	3,757.29	10	3,398.28	10	3,039.26
1/4		1/4		1/4		1/4		1/4	4,825.01	1/4	4,467.62	1/4	4,108.83	1/4	3,749.81	1/4	3,390.80	1/4	3,031.78
1/2		1/2		1/2		1/2		1/2	4,817.59	1/2	4,460.17	1/2	4,101.35	1/2	3,742.33	1/2	3,383.32	1/2	3,024.30
3/4		3/4		3/4		3/4		3/4	4,810.17	3/4	4,452.71	3/4	4,093.87	3/4	3,734.85	3/4	3,375.84	3/4	3,016.82
11		11		11		11		11	4,802.75	11	4,445.25	11	4,086.39	11	3,727.38	11	3,368.36	11	3,009.34
1/4		1/4		1/4		1/4		1/4	4,795.33	1/4	4,437.79	1/4	4,078.91	1/4	3,719.90	1/4	3,360.88	1/4	3,001.86
1/2		1/2		1/2		1/2		1/2	4,787.92	1/2	4,430.33	1/2	4,071.43	1/2	3,712.42	1/2	3,353.40	1/2	2,994.38
3/4		3/4		3/4		3/4		3/4	4,780.50	3/4	4,422.88	3/4	4,063.95	3/4	3,704.94	3/4	3,345.92	3/4	2,986.90

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3112"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,620.21	0	2,261.00	0	1,901.79	0	1,542.57	0	1,183.64	0	838.20	0	479.30	0	120.10	0		0	
1/4	2,612.73	1/4	2,253.52	1/4	1,894.30	1/4	1,535.09	1/4	1,176.30	1/4	830.87	1/4	471.82	1/4	112.62	1/4		1/4	
1/2	2,605.25	1/2	2,246.03	1/2	1,886.82	1/2	1,527.61	1/2	1,168.96	1/2	823.54	1/2	464.34	1/2	105.13	1/2		1/2	
3/4	2,597.76	3/4	2,238.55	3/4	1,879.34	3/4	1,520.12	3/4	1,161.76	3/4	816.06	3/4	456.85	3/4	97.65	3/4		3/4	
1	2,590.28	1	2,231.07	1	1,871.85	1	1,512.64	1	1,154.56	1	808.57	1	449.37	1	90.17	1		1	
1/4	2,582.79	1/4	2,223.58	1/4	1,864.37	1/4	1,505.16	1/4	1,147.36	1/4	801.09	1/4	441.89	1/4	82.68	1/4		1/4	
1/2	2,575.31	1/2	2,216.10	1/2	1,856.89	1/2	1,497.67	1/2	1,140.15	1/2	793.60	1/2	434.40	1/2	75.20	1/2		1/2	
3/4	2,567.83	3/4	2,208.61	3/4	1,849.40	3/4	1,490.19	3/4	1,132.96	3/4	786.12	3/4	426.92	3/4	68.18	3/4		3/4	
2	2,560.34	2	2,201.13	2	1,841.92	2	1,482.71	2	1,125.77	2	778.64	2	419.43	2	61.17	2		2	
1/4	2,552.86	1/4	2,193.65	1/4	1,834.43	1/4	1,475.22	1/4	1,118.57	1/4	771.15	1/4	411.95	1/4	54.15	1/4		1/4	
1/2	2,545.38	1/2	2,186.16	1/2	1,826.95	1/2	1,467.74	1/2	1,111.38	1/2	763.67	1/2	404.47	1/2	47.14	1/2		1/2	
3/4	2,537.89	3/4	2,178.68	3/4	1,819.47	3/4	1,460.25	3/4	1,104.19	3/4	756.19	3/4	396.98	3/4	41.52	3/4		3/4	
3	2,530.41	3	2,171.20	3	1,811.98	3	1,452.77	3	1,097.00	3	748.70	3	389.50	3	35.91	3		3	
1/4	2,522.93	1/4	2,163.71	1/4	1,804.50	1/4	1,445.29	1/4	1,089.82	1/4	741.22	1/4	382.02	1/4	30.30	1/4		1/4	
1/2	2,515.44	1/2	2,156.23	1/2	1,797.02	1/2	1,437.80	1/2	1,082.63	1/2	733.74	1/2	374.53	1/2	24.69	1/2		1/2	
3/4	2,507.96	3/4	2,148.75	3/4	1,789.53	3/4	1,430.32	3/4	1,075.45	3/4	726.25	3/4	367.05	3/4	20.94	3/4		3/4	
4	2,500.47	4	2,141.26	4	1,782.05	4	1,422.84	4	1,068.26	4	718.77	4	359.57	4		4		4	
1/4	2,492.99	1/4	2,133.78	1/4	1,774.57	1/4	1,415.35	1/4	1,061.08	1/4	711.29	1/4	352.08	1/4		1/4		1/4	
1/2	2,485.51	1/2	2,126.29	1/2	1,767.08	1/2	1,407.87	1/2	1,053.90	1/2	703.80	1/2	344.60	1/2		1/2		1/2	
3/4	2,478.02	3/4	2,118.81	3/4	1,759.60	3/4	1,400.39	3/4	1,046.72	3/4	696.32	3/4	337.12	3/4		3/4		3/4	
5	2,470.54	5	2,111.33	5	1,752.11	5	1,392.90	5	1,039.54	5	688.84	5	329.63	5		5		5	
1/4	2,463.06	1/4	2,103.84	1/4	1,744.63	1/4	1,385.42	1/4	1,032.36	1/4	681.35	1/4	322.15	1/4		1/4		1/4	
1/2	2,455.57	1/2	2,096.36	1/2	1,737.15	1/2	1,377.93	1/2	1,025.18	1/2	673.87	1/2	314.67	1/2		1/2		1/2	
3/4	2,448.09	3/4	2,088.88	3/4	1,729.66	3/4	1,370.45	3/4	1,018.00	3/4	666.39	3/4	307.18	3/4		3/4		3/4	
6	2,440.61	6	2,081.39	6	1,722.18	6	1,362.97	6	1,010.82	6	658.90	6	299.70	6		6		6	
1/4	2,433.12	1/4	2,073.91	1/4	1,714.70	1/4	1,355.48	1/4	1,003.64	1/4	651.42	1/4	292.22	1/4		1/4		1/4	
1/2	2,425.64	1/2	2,066.43	1/2	1,707.21	1/2	1,348.00	1/2	996.46	1/2	643.94	1/2	284.73	1/2		1/2		1/2	
3/4	2,418.16	3/4	2,058.94	3/4	1,699.73	3/4	1,340.52	3/4	989.28	3/4	636.45	3/4	277.25	3/4		3/4		3/4	
7	2,410.67	7	2,051.46	7	1,692.25	7	1,333.03	7	982.10	7	628.97	7	269.77	7		7		7	
1/4	2,403.19	1/4	2,043.98	1/4	1,684.76	1/4	1,325.55	1/4	974.92	1/4	621.49	1/4	262.28	1/4		1/4		1/4	
1/2	2,395.70	1/2	2,036.49	1/2	1,677.28	1/2	1,318.07	1/2	967.74	1/2	614.00	1/2	254.80	1/2		1/2		1/2	
3/4	2,388.22	3/4	2,029.01	3/4	1,669.80	3/4	1,310.58	3/4	960.56	3/4	606.52	3/4	247.32	3/4		3/4		3/4	
8	2,380.74	8	2,021.52	8	1,662.31	8	1,303.10	8	953.38	8	599.04	8	239.83	8		8		8	
1/4	2,373.25	1/4	2,014.04	1/4	1,654.83	1/4	1,295.62	1/4	946.20	1/4	591.55	1/4	232.35	1/4		1/4		1/4	
1/2	2,365.77	1/2	2,006.56	1/2	1,647.34	1/2	1,288.13	1/2	939.02	1/2	584.07	1/2	224.87	1/2		1/2		1/2	
3/4	2,358.29	3/4	1,999.07	3/4	1,639.86	3/4	1,280.65	3/4	931.84	3/4	576.59	3/4	217.38	3/4		3/4		3/4	
9	2,350.80	9	1,991.59	9	1,632.38	9	1,273.16	9	924.66	9	569.10	9	209.90	9		9		9	
1/4	2,343.32	1/4	1,984.11	1/4	1,624.89	1/4	1,265.68	1/4	917.48	1/4	561.62	1/4	202.42	1/4		1/4		1/4	
1/2	2,335.84	1/2	1,976.62	1/2	1,617.41	1/2	1,258.20	1/2	910.30	1/2	554.14	1/2	194.93	1/2		1/2		1/2	
3/4	2,328.35	3/4	1,969.14	3/4	1,609.93	3/4	1,250.71	3/4	903.12	3/4	546.65	3/4	187.45	3/4		3/4		3/4	
10	2,320.87	10	1,961.66	10	1,602.44	10	1,243.23	10	895.94	10	539.17	10	179.97	10		10		10	
1/4	2,313.38	1/4	1,954.17	1/4	1,594.96	1/4	1,235.75	1/4	888.76	1/4	531.69	1/4	172.48	1/4		1/4		1/4	
1/2	2,305.90	1/2	1,946.69	1/2	1,587.48	1/2	1,228.26	1/2	881.58	1/2	524.20	1/2	165.00	1/2		1/2		1/2	
3/4	2,298.42	3/4	1,939.20	3/4	1,579.99	3/4	1,220.78	3/4	874.40	3/4	516.72	3/4	157.52	3/4		3/4		3/4	
11	2,290.93	11	1,931.72	11	1,572.51	11	1,213.30	11	867.22	11	509.24	11	150.03	11		11		11	
1/4	2,283.45	1/4	1,924.24	1/4	1,565.02	1/4	1,205.81	1/4	860.04	1/4	501.75	1/4	142.55	1/4		1/4		1/4	
1/2	2,275.97	1/2	1,916.75	1/2	1,557.54	1/2	1,198.33	1/2	852.86	1/2	494.27	1/2	135.07	1/2		1/2		1/2	
3/4	2,268.48	3/4	1,909.27	3/4	1,550.06	3/4	1,190.99	3/4	845.53	3/4	486.79	3/4	127.58	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2013 CL
RECALCULATED: 01/05/2019 CL
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 3112"

2 STBD ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 3/4"

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	4,786.40	0	4,428.78	0	4,069.89	0	3,710.92	0	3,351.94	0	2,992.96
1/4		1/4		1/4		1/4		1/4	4,778.98	1/4	4,421.32	1/4	4,062.41	1/4	3,703.44	1/4	3,344.46	1/4	2,985.48
1/2		1/2		1/2		1/2		1/2	4,771.56	1/2	4,413.87	1/2	4,054.94	1/2	3,695.96	1/2	3,336.98	1/2	2,978.00
3/4		3/4		3/4		3/4		3/4	4,764.14	3/4	4,406.40	3/4	4,047.46	3/4	3,688.48	3/4	3,329.50	3/4	2,970.51
1		1		1		1		1	4,756.73	1	4,398.93	1	4,039.98	1	3,681.00	1	3,322.02	1	2,963.03
1/4		1/4		1/4		1/4		1/4	5,093.69	1/4	4,749.31	1/4	4,391.47	1/4	4,032.50	1/4	3,673.52	1/4	3,314.54
1/2		1/2		1/2		1/2		1/2	5,088.94	1/2	4,741.89	1/2	4,384.00	1/2	4,025.02	1/2	3,666.04	1/2	3,307.07
3/4		3/4		3/4		3/4		3/4	5,083.12	3/4	4,734.46	3/4	4,376.52	3/4	4,017.54	3/4	3,658.57	3/4	3,299.59
2		2		2		2		2	5,077.30	2	4,727.02	2	4,369.04	2	4,010.06	2	3,651.09	2	3,292.11
1/4		1/4		1/4		1/4		1/4	5,071.48	1/4	4,719.58	1/4	4,361.56	1/4	4,002.59	1/4	3,643.61	1/4	3,284.63
1/2		1/2		1/2		1/2		1/2	5,065.67	1/2	4,712.15	1/2	4,354.08	1/2	3,995.11	1/2	3,636.13	1/2	3,277.15
3/4		3/4		3/4		3/4		3/4	5,058.85	3/4	4,704.69	3/4	4,346.61	3/4	3,987.63	3/4	3,628.65	3/4	3,269.67
3		3		3		3		3	5,052.03	3	4,697.23	3	4,339.13	3	3,980.15	3	3,621.17	3	3,262.19
1/4		1/4		1/4		1/4		1/4	5,045.21	1/4	4,689.77	1/4	4,331.65	1/4	3,972.67	1/4	3,613.69	1/4	3,254.72
1/2		1/2		1/2		1/2		1/2	5,038.39	1/2	4,682.32	1/2	4,324.17	1/2	3,965.19	1/2	3,606.21	1/2	3,247.24
3/4		3/4		3/4		3/4		3/4	5,031.03	3/4	4,674.86	3/4	4,316.69	3/4	3,957.71	3/4	3,598.74	3/4	3,239.76
4		4		4		4		4	5,023.68	4	4,667.40	4	4,309.21	4	3,950.23	4	3,591.26	4	3,232.28
1/4		1/4		1/4		1/4		1/4	5,016.32	1/4	4,659.95	1/4	4,301.73	1/4	3,942.76	1/4	3,583.78	1/4	3,224.80
1/2		1/2		1/2		1/2		1/2	5,008.97	1/2	4,652.49	1/2	4,294.25	1/2	3,935.28	1/2	3,576.30	1/2	3,217.32
3/4		3/4		3/4		3/4		3/4	5,001.55	3/4	4,645.03	3/4	4,286.78	3/4	3,927.80	3/4	3,568.82	3/4	3,209.84
5		5		5		5		5	4,994.12	5	4,637.58	5	4,279.30	5	3,920.32	5	3,561.34	5	3,202.36
1/4		1/4		1/4		1/4		1/4	4,986.70	1/4	4,630.12	1/4	4,271.82	1/4	3,912.84	1/4	3,553.86	1/4	3,194.89
1/2		1/2		1/2		1/2		1/2	4,979.28	1/2	4,622.66	1/2	4,264.34	1/2	3,905.36	1/2	3,546.38	1/2	3,187.41
3/4		3/4		3/4		3/4		3/4	4,971.86	3/4	4,615.20	3/4	4,256.86	3/4	3,897.88	3/4	3,538.91	3/4	3,179.93
6		6		6		6		6	4,964.44	6	4,607.75	6	4,249.38	6	3,890.40	6	3,531.43	6	3,172.45
1/4		1/4		1/4		1/4		1/4	4,957.02	1/4	4,600.29	1/4	4,241.90	1/4	3,882.93	1/4	3,523.95	1/4	3,164.97
1/2		1/2		1/2		1/2		1/2	4,949.60	1/2	4,592.83	1/2	4,234.43	1/2	3,875.45	1/2	3,516.47	1/2	3,157.49
3/4		3/4		3/4		3/4		3/4	4,942.18	3/4	4,585.38	3/4	4,226.95	3/4	3,867.97	3/4	3,508.99	3/4	3,150.01
7		7		7		7		7	4,934.76	7	4,577.92	7	4,219.47	7	3,860.49	7	3,501.51	7	3,142.53
1/4		1/4		1/4		1/4		1/4	4,927.33	1/4	4,570.46	1/4	4,211.99	1/4	3,853.01	1/4	3,494.03	1/4	3,135.06
1/2		1/2		1/2		1/2		1/2	4,919.91	1/2	4,563.01	1/2	4,204.51	1/2	3,845.53	1/2	3,486.56	1/2	3,127.58
3/4		3/4		3/4		3/4		3/4	4,912.49	3/4	4,555.55	3/4	4,197.03	3/4	3,838.05	3/4	3,479.08	3/4	3,120.10
8		8		8		8		8	4,905.07	8	4,548.09	8	4,189.55	8	3,830.58	8	3,471.60	8	3,112.62
1/4		1/4		1/4		1/4		1/4	4,897.66	1/4	4,540.63	1/4	4,182.07	1/4	3,823.10	1/4	3,464.12	1/4	3,105.14
1/2		1/2		1/2		1/2		1/2	4,890.24	1/2	4,533.18	1/2	4,174.60	1/2	3,815.62	1/2	3,456.64	1/2	3,097.66
3/4		3/4		3/4		3/4		3/4	4,882.82	3/4	4,525.72	3/4	4,167.12	3/4	3,808.14	3/4	3,449.16	3/4	3,090.18
9		9		9		9		9	4,875.40	9	4,518.26	9	4,159.64	9	3,800.66	9	3,441.68	9	3,082.71
1/4		1/4		1/4		1/4		1/4	4,867.98	1/4	4,510.81	1/4	4,152.16	1/4	3,793.18	1/4	3,434.20	1/4	3,075.23
1/2		1/2		1/2		1/2		1/2	4,860.57	1/2	4,503.35	1/2	4,144.68	1/2	3,785.70	1/2	3,426.73	1/2	3,067.75
3/4		3/4		3/4		3/4		3/4	4,853.15	3/4	4,495.89	3/4	4,137.20	3/4	3,778.22	3/4	3,419.25	3/4	3,060.27
10		10		10		10		10	4,845.73	10	4,488.44	10	4,129.72	10	3,770.75	10	3,411.77	10	3,052.79
1/4		1/4		1/4		1/4		1/4	4,838.32	1/4	4,480.98	1/4	4,122.24	1/4	3,763.27	1/4	3,404.29	1/4	3,045.31
1/2		1/2		1/2		1/2		1/2	4,830.90	1/2	4,473.52	1/2	4,114.77	1/2	3,755.79	1/2	3,396.81	1/2	3,037.83
3/4		3/4		3/4		3/4		3/4	4,823.48	3/4	4,466.06	3/4	4,107.29	3/4	3,748.31	3/4	3,389.33	3/4	3,030.35
11		11		11		11		11	4,816.06	11	4,458.61	11	4,099.81	11	3,740.83	11	3,381.85	11	3,022.88
1/4		1/4		1/4		1/4		1/4	4,808.65	1/4	4,451.15	1/4	4,092.33	1/4	3,733.35	1/4	3,374.37	1/4	3,015.40
1/2		1/2		1/2		1/2		1/2	4,801.23	1/2	4,443.69	1/2	4,084.85	1/2	3,725.87	1/2	3,366.90	1/2	3,007.92
3/4		3/4		3/4		3/4		3/4	4,793.81	3/4	4,436.24	3/4	4,077.37	3/4	3,718.39	3/4	3,359.42	3/4	3,000.44

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3112"

2 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	2,633.79	0	2,274.62	0	1,915.45	0	1,556.28	0	1,197.11	0	838.39	0	479.25	0	120.09	0		0	
1/4	2,626.31	1/4	2,267.14	1/4	1,907.97	1/4	1,548.80	1/4	1,189.63	1/4	830.92	1/4	471.76	1/4	112.60	1/4		1/4	
1/2	2,618.83	1/2	2,259.66	1/2	1,900.49	1/2	1,541.32	1/2	1,182.15	1/2	823.44	1/2	464.28	1/2	105.12	1/2		1/2	
3/4	2,611.34	3/4	2,252.17	3/4	1,893.00	3/4	1,533.83	3/4	1,174.66	3/4	815.96	3/4	456.80	3/4	97.64	3/4		3/4	
1	2,603.86	1	2,244.69	1	1,885.52	1	1,526.35	1	1,167.18	1	808.48	1	449.32	1	90.16	1		1	
1/4	2,596.38	1/4	2,237.21	1/4	1,878.04	1/4	1,518.87	1/4	1,159.70	1/4	800.99	1/4	441.83	1/4	82.67	1/4		1/4	
1/2	2,588.89	1/2	2,229.73	1/2	1,870.56	1/2	1,511.39	1/2	1,152.22	1/2	793.51	1/2	434.35	1/2	75.19	1/2		1/2	
3/4	2,581.41	3/4	2,222.24	3/4	1,863.07	3/4	1,503.90	3/4	1,144.74	3/4	786.03	3/4	426.87	3/4	68.18	3/4		3/4	
2	2,573.93	2	2,214.76	2	1,855.59	2	1,496.42	2	1,137.26	2	778.55	2	419.39	2	61.16	2		2	
1/4	2,566.45	1/4	2,207.28	1/4	1,848.11	1/4	1,488.94	1/4	1,129.78	1/4	771.06	1/4	411.90	1/4	54.15	1/4		1/4	
1/2	2,558.96	1/2	2,199.79	1/2	1,840.62	1/2	1,481.46	1/2	1,122.30	1/2	763.58	1/2	404.42	1/2	47.13	1/2		1/2	
3/4	2,551.48	3/4	2,192.31	3/4	1,833.14	3/4	1,473.97	3/4	1,114.82	3/4	756.10	3/4	396.94	3/4	41.52	3/4		3/4	
3	2,544.00	3	2,184.83	3	1,825.66	3	1,466.49	3	1,107.34	3	748.62	3	389.46	3	35.91	3		3	
1/4	2,536.52	1/4	2,177.35	1/4	1,818.18	1/4	1,459.01	1/4	1,099.87	1/4	741.13	1/4	381.97	1/4	30.30	1/4		1/4	
1/2	2,529.03	1/2	2,169.86	1/2	1,810.69	1/2	1,451.52	1/2	1,092.39	1/2	733.65	1/2	374.49	1/2	24.68	1/2		1/2	
3/4	2,521.55	3/4	2,162.38	3/4	1,803.21	3/4	1,444.04	3/4	1,084.91	3/4	726.17	3/4	367.01	3/4	20.94	3/4		3/4	
4	2,514.07	4	2,154.90	4	1,795.73	4	1,436.56	4	1,077.44	4	718.69	4	359.53	4		4		4	
1/4	2,506.59	1/4	2,147.42	1/4	1,788.25	1/4	1,429.08	1/4	1,069.97	1/4	711.20	1/4	352.04	1/4		1/4		1/4	
1/2	2,499.10	1/2	2,139.93	1/2	1,780.76	1/2	1,421.59	1/2	1,062.49	1/2	703.72	1/2	344.56	1/2		1/2		1/2	
3/4	2,491.62	3/4	2,132.45	3/4	1,773.28	3/4	1,414.11	3/4	1,055.02	3/4	696.24	3/4	337.08	3/4		3/4		3/4	
5	2,484.14	5	2,124.97	5	1,765.80	5	1,406.63	5	1,047.55	5	688.76	5	329.60	5		5		5	
1/4	2,476.65	1/4	2,117.48	1/4	1,758.32	1/4	1,399.15	1/4	1,040.08	1/4	681.27	1/4	322.11	1/4		1/4		1/4	
1/2	2,469.17	1/2	2,110.00	1/2	1,750.83	1/2	1,391.66	1/2	1,032.61	1/2	673.79	1/2	314.63	1/2		1/2		1/2	
3/4	2,461.69	3/4	2,102.52	3/4	1,743.35	3/4	1,384.18	3/4	1,025.15	3/4	666.31	3/4	307.15	3/4		3/4		3/4	
6	2,454.21	6	2,095.04	6	1,735.87	6	1,376.70	6	1,017.68	6	658.83	6	299.67	6		6		6	
1/4	2,446.72	1/4	2,087.55	1/4	1,728.38	1/4	1,369.21	1/4	1,010.21	1/4	651.34	1/4	292.18	1/4		1/4		1/4	
1/2	2,439.24	1/2	2,080.07	1/2	1,720.90	1/2	1,361.73	1/2	1,002.74	1/2	643.86	1/2	284.70	1/2		1/2		1/2	
3/4	2,431.76	3/4	2,072.59	3/4	1,713.42	3/4	1,354.25	3/4	995.27	3/4	636.38	3/4	277.22	3/4		3/4		3/4	
7	2,424.28	7	2,065.11	7	1,705.94	7	1,346.77	7	987.80	7	628.90	7	269.74	7		7		7	
1/4	2,416.79	1/4	2,057.62	1/4	1,698.45	1/4	1,339.28	1/4	980.33	1/4	621.41	1/4	262.25	1/4		1/4		1/4	
1/2	2,409.31	1/2	2,050.14	1/2	1,690.97	1/2	1,331.80	1/2	972.86	1/2	613.93	1/2	254.77	1/2		1/2		1/2	
3/4	2,401.83	3/4	2,042.66	3/4	1,683.49	3/4	1,324.32	3/4	965.39	3/4	606.45	3/4	247.29	3/4		3/4		3/4	
8	2,394.34	8	2,035.18	8	1,676.01	8	1,316.84	8	957.92	8	598.97	8	239.81	8		8		8	
1/4	2,386.86	1/4	2,027.69	1/4	1,668.52	1/4	1,309.35	1/4	950.45	1/4	591.48	1/4	232.32	1/4		1/4		1/4	
1/2	2,379.38	1/2	2,020.21	1/2	1,661.04	1/2	1,301.87	1/2	942.98	1/2	584.00	1/2	224.84	1/2		1/2		1/2	
3/4	2,371.90	3/4	2,012.73	3/4	1,653.56	3/4	1,294.39	3/4	935.51	3/4	576.52	3/4	217.36	3/4		3/4		3/4	
9	2,364.41	9	2,005.24	9	1,646.07	9	1,286.91	9	928.04	9	569.04	9	209.88	9		9		9	
1/4	2,356.93	1/4	1,997.76	1/4	1,638.59	1/4	1,279.42	1/4	920.57	1/4	561.55	1/4	202.39	1/4		1/4		1/4	
1/2	2,349.45	1/2	1,990.28	1/2	1,631.11	1/2	1,271.94	1/2	913.10	1/2	554.07	1/2	194.91	1/2		1/2		1/2	
3/4	2,341.97	3/4	1,982.80	3/4	1,623.63	3/4	1,264.46	3/4	905.63	3/4	546.59	3/4	187.43	3/4		3/4		3/4	
10	2,334.48	10	1,975.31	10	1,616.14	10	1,256.97	10	898.16	10	539.11	10	179.95	10		10		10	
1/4	2,327.00	1/4	1,967.83	1/4	1,608.66	1/4	1,249.49	1/4	890.69	1/4	531.62	1/4	172.46	1/4		1/4		1/4	
1/2	2,319.52	1/2	1,960.35	1/2	1,601.18	1/2	1,242.01	1/2	883.22	1/2	524.14	1/2	164.98	1/2		1/2		1/2	
3/4	2,312.04	3/4	1,952.87	3/4	1,593.70	3/4	1,234.53	3/4	875.75	3/4	516.66	3/4	157.50	3/4		3/4		3/4	
11	2,304.55	11	1,945.38	11	1,586.21	11	1,227.04	11	868.28	11	509.18	11	150.02	11		11		11	
1/4	2,297.07	1/4	1,937.90	1/4	1,578.73	1/4	1,219.56	1/4	860.81	1/4	501.69	1/4	142.53	1/4		1/4		1/4	
1/2	2,289.59	1/2	1,930.42	1/2	1,571.25	1/2	1,212.08	1/2	853.34	1/2	494.21	1/2	135.05	1/2		1/2		1/2	
3/4	2,282.10	3/4	1,922.93	3/4	1,563.77	3/4	1,204.60	3/4	845.87	3/4	486.73	3/4	127.57	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2013 CL
RECALCULATED: 01/05/2019 CL
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 3112"

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	4,371.48	0	4,125.13	0	3,877.94	0	3,630.73	0	3,302.11	0	2,945.70
1/4		1/4		1/4		1/4		1/4	4,366.37	1/4	4,119.98	1/4	3,872.79	1/4	3,625.58	1/4	3,294.70	1/4	2,938.27
1/2		1/2		1/2		1/2		1/2	4,361.26	1/2	4,114.84	1/2	3,867.64	1/2	3,620.43	1/2	3,287.29	1/2	2,930.84
3/4		3/4		3/4		3/4		3/4	4,589.72	3/4	4,356.16	3/4	4,109.70	3/4	3,862.49	3/4	3,615.28	3/4	3,279.88
1		1		1		1		1	4,587.27	1	4,351.05	1	4,104.56	1	3,857.34	1	3,610.13	1	3,272.48
1/4		1/4		1/4		1/4		1/4	4,583.76	1/4	4,345.93	1/4	4,099.41	1/4	3,852.19	1/4	3,604.98	1/4	3,265.06
1/2		1/2		1/2		1/2		1/2	4,580.24	1/2	4,340.80	1/2	4,094.26	1/2	3,847.04	1/2	3,599.83	1/2	3,257.64
3/4		3/4		3/4		3/4		3/4	4,576.73	3/4	4,335.68	3/4	4,089.11	3/4	3,841.89	3/4	3,594.68	3/4	3,250.23
2		2		2		2		2	4,573.22	2	4,330.56	2	4,083.95	2	3,836.74	2	3,589.53	2	3,242.81
1/4		1/4		1/4		1/4		1/4	4,568.70	1/4	4,325.42	1/4	4,078.80	1/4	3,831.59	1/4	3,583.80	1/4	3,235.38
1/2		1/2		1/2		1/2		1/2	4,564.19	1/2	4,320.29	1/2	4,073.65	1/2	3,826.44	1/2	3,578.08	1/2	3,227.95
3/4		3/4		3/4		3/4		3/4	4,559.68	3/4	4,315.15	3/4	4,068.50	3/4	3,821.29	3/4	3,572.35	3/4	3,220.53
3		3		3		3		3	4,555.17	3	4,310.02	3	4,063.35	3	3,816.14	3	3,566.63	3	3,213.10
1/4		1/4		1/4		1/4		1/4	4,550.12	1/4	4,304.88	1/4	4,058.20	1/4	3,810.99	1/4	3,559.77	1/4	3,205.67
1/2		1/2		1/2		1/2		1/2	4,545.08	1/2	4,299.74	1/2	4,053.05	1/2	3,805.84	1/2	3,552.91	1/2	3,198.24
3/4		3/4		3/4		3/4		3/4	4,540.03	3/4	4,294.61	3/4	4,047.90	3/4	3,800.69	3/4	3,546.05	3/4	3,190.82
4		4		4		4		4	4,534.99	4	4,289.47	4	4,042.75	4	3,795.54	4	3,539.19	4	3,183.39
1/4		1/4		1/4		1/4		1/4	4,529.88	1/4	4,284.34	1/4	4,037.60	1/4	3,790.39	1/4	3,531.77	1/4	3,175.96
1/2		1/2		1/2		1/2		1/2	4,524.77	1/2	4,279.20	1/2	4,032.45	1/2	3,785.24	1/2	3,524.35	1/2	3,168.53
3/4		3/4		3/4		3/4		3/4	4,519.66	3/4	4,274.06	3/4	4,027.30	3/4	3,780.09	3/4	3,516.94	3/4	3,161.11
5		5		5		5		5	4,514.54	5	4,268.93	5	4,022.15	5	3,774.94	5	3,509.52	5	3,153.68
1/4		1/4		1/4		1/4		1/4	4,509.43	1/4	4,263.79	1/4	4,017.00	1/4	3,769.79	1/4	3,502.11	1/4	3,146.25
1/2		1/2		1/2		1/2		1/2	4,504.32	1/2	4,258.66	1/2	4,011.85	1/2	3,764.64	1/2	3,494.69	1/2	3,138.82
3/4		3/4		3/4		3/4		3/4	4,499.21	3/4	4,253.52	3/4	4,006.70	3/4	3,759.49	3/4	3,487.28	3/4	3,131.40
6		6		6		6		6	4,494.10	6	4,248.39	6	4,001.55	6	3,754.34	6	3,479.87	6	3,123.97
1/4		1/4		1/4		1/4		1/4	4,488.99	1/4	4,243.25	1/4	3,996.40	1/4	3,749.19	1/4	3,472.46	1/4	3,116.54
1/2		1/2		1/2		1/2		1/2	4,483.88	1/2	4,238.11	1/2	3,991.25	1/2	3,744.04	1/2	3,465.05	1/2	3,109.11
3/4		3/4		3/4		3/4		3/4	4,478.77	3/4	4,232.98	3/4	3,986.10	3/4	3,738.88	3/4	3,457.65	3/4	3,101.69
7		7		7		7		7	4,473.65	7	4,227.84	7	3,980.95	7	3,733.73	7	3,450.24	7	3,094.26
1/4		1/4		1/4		1/4		1/4	4,468.55	1/4	4,222.71	1/4	3,975.80	1/4	3,728.58	1/4	3,442.83	1/4	3,086.83
1/2		1/2		1/2		1/2		1/2	4,463.44	1/2	4,217.57	1/2	3,970.65	1/2	3,723.43	1/2	3,435.43	1/2	3,079.40
3/4		3/4		3/4		3/4		3/4	4,458.33	3/4	4,212.44	3/4	3,965.50	3/4	3,718.28	3/4	3,428.02	3/4	3,071.98
8		8		8		8		8	4,453.22	8	4,207.30	8	3,960.35	8	3,713.13	8	3,420.61	8	3,064.55
1/4		1/4		1/4		1/4		1/4	4,448.11	1/4	4,202.16	1/4	3,955.20	1/4	3,707.98	1/4	3,413.21	1/4	3,057.12
1/2		1/2		1/2		1/2		1/2	4,443.00	1/2	4,197.03	1/2	3,950.05	1/2	3,702.83	1/2	3,405.80	1/2	3,049.69
3/4		3/4		3/4		3/4		3/4	4,437.89	3/4	4,191.89	3/4	3,944.90	3/4	3,697.68	3/4	3,398.39	3/4	3,042.27
9		9		9		9		9	4,432.78	9	4,186.76	9	3,939.75	9	3,692.53	9	3,390.99	9	3,034.84
1/4		1/4		1/4		1/4		1/4	4,427.68	1/4	4,181.62	1/4	3,934.60	1/4	3,687.38	1/4	3,383.58	1/4	3,027.41
1/2		1/2		1/2		1/2		1/2	4,422.57	1/2	4,176.48	1/2	3,929.45	1/2	3,682.23	1/2	3,376.17	1/2	3,019.98
3/4		3/4		3/4		3/4		3/4	4,417.46	3/4	4,171.35	3/4	3,924.30	3/4	3,677.08	3/4	3,368.77	3/4	3,012.56
10		10		10		10		10	4,412.35	10	4,166.21	10	3,919.15	10	3,671.93	10	3,361.36	10	3,005.13
1/4		1/4		1/4		1/4		1/4	4,407.24	1/4	4,161.08	1/4	3,913.99	1/4	3,666.78	1/4	3,353.95	1/4	2,997.70
1/2		1/2		1/2		1/2		1/2	4,402.13	1/2	4,155.94	1/2	3,908.84	1/2	3,661.63	1/2	3,346.55	1/2	2,990.27
3/4		3/4		3/4		3/4		3/4	4,397.02	3/4	4,150.81	3/4	3,903.69	3/4	3,656.48	3/4	3,339.14	3/4	2,982.85
11		11		11		11		11	4,391.92	11	4,145.67	11	3,898.54	11	3,651.33	11	3,331.73	11	2,975.42
1/4		1/4		1/4		1/4		1/4	4,386.81	1/4	4,140.53	1/4	3,893.39	1/4	3,646.18	1/4	3,324.33	1/4	2,967.99
1/2		1/2		1/2		1/2		1/2	4,381.70	1/2	4,135.40	1/2	3,888.24	1/2	3,641.03	1/2	3,316.92	1/2	2,960.56
3/4		3/4		3/4		3/4		3/4	4,376.59	3/4	4,130.26	3/4	3,883.09	3/4	3,635.88	3/4	3,309.51	3/4	2,953.13

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 HERMETIC DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" 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 3112"

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	2,589.04	0	2,233.40	0	1,879.28	0	1,522.28	0	1,165.70	0	819.09	0	461.89	0	104.70	0		0	
1/4	2,581.60	1/4	2,226.02	1/4	1,871.85	1/4	1,514.85	1/4	1,158.48	1/4	811.65	1/4	454.45	1/4	97.25	1/4		1/4	
1/2	2,574.16	1/2	2,218.65	1/2	1,864.41	1/2	1,507.41	1/2	1,151.25	1/2	804.21	1/2	447.01	1/2	89.80	1/2		1/2	
3/4	2,566.73	3/4	2,211.27	3/4	1,856.97	3/4	1,499.97	3/4	1,144.02	3/4	796.77	3/4	439.57	3/4	82.35	3/4		3/4	
1	2,559.29	1	2,203.90	1	1,849.53	1	1,492.53	1	1,136.80	1	789.32	1	432.13	1	74.90	1		1	
1/4	2,551.85	1/4	2,196.52	1/4	1,842.10	1/4	1,485.10	1/4	1,129.58	1/4	781.88	1/4	424.69	1/4	67.91	1/4		1/4	
1/2	2,544.41	1/2	2,189.15	1/2	1,834.66	1/2	1,477.66	1/2	1,122.35	1/2	774.44	1/2	417.25	1/2	60.93	1/2		1/2	
3/4	2,536.98	3/4	2,181.77	3/4	1,827.22	3/4	1,470.22	3/4	1,115.13	3/4	767.00	3/4	409.81	3/4	53.94	3/4		3/4	
2	2,529.54	2	2,174.40	2	1,819.78	2	1,462.78	2	1,107.91	2	759.56	2	402.37	2	46.95	2		2	
1/4	2,522.10	1/4	2,167.02	1/4	1,812.35	1/4	1,455.35	1/4	1,100.70	1/4	752.12	1/4	394.93	1/4	41.36	1/4		1/4	
1/2	2,514.67	1/2	2,159.65	1/2	1,804.91	1/2	1,447.91	1/2	1,093.48	1/2	744.67	1/2	387.49	1/2	35.77	1/2		1/2	
3/4	2,507.23	3/4	2,152.28	3/4	1,797.47	3/4	1,440.47	3/4	1,086.27	3/4	737.23	3/4	380.05	3/4	30.18	3/4		3/4	
3	2,499.79	3	2,144.90	3	1,790.03	3	1,433.03	3	1,079.05	3	729.79	3	372.61	3	24.59	3		3	
1/4	2,492.37	1/4	2,137.53	1/4	1,782.60	1/4	1,425.60	1/4	1,071.84	1/4	722.35	1/4	365.17	1/4	20.86	1/4		1/4	
1/2	2,484.95	1/2	2,130.15	1/2	1,775.16	1/2	1,418.16	1/2	1,064.63	1/2	714.91	1/2	357.73	1/2		1/2		1/2	
3/4	2,477.53	3/4	2,122.78	3/4	1,767.72	3/4	1,410.72	3/4	1,057.42	3/4	707.46	3/4	350.29	3/4		3/4		3/4	
4	2,470.12	4	2,115.40	4	1,760.28	4	1,403.28	4	1,050.21	4	700.02	4	342.84	4	4	4		4	
1/4	2,462.72	1/4	2,108.03	1/4	1,752.85	1/4	1,395.85	1/4	1,043.00	1/4	692.58	1/4	335.40	1/4		1/4		1/4	
1/2	2,455.32	1/2	2,100.65	1/2	1,745.41	1/2	1,388.41	1/2	1,035.79	1/2	685.14	1/2	327.96	1/2		1/2		1/2	
3/4	2,447.92	3/4	2,093.28	3/4	1,737.97	3/4	1,380.97	3/4	1,028.58	3/4	677.70	3/4	320.52	3/4		3/4		3/4	
5	2,440.52	5	2,085.90	5	1,730.53	5	1,373.53	5	1,021.37	5	670.26	5	313.08	5	5	5		5	
1/4	2,433.12	1/4	2,078.53	1/4	1,723.10	1/4	1,366.10	1/4	1,014.17	1/4	662.81	1/4	305.64	1/4		1/4		1/4	
1/2	2,425.72	1/2	2,071.15	1/2	1,715.66	1/2	1,358.66	1/2	1,006.96	1/2	655.37	1/2	298.20	1/2		1/2		1/2	
3/4	2,418.32	3/4	2,063.78	3/4	1,708.22	3/4	1,351.22	3/4	999.75	3/4	647.93	3/4	290.76	3/4		3/4		3/4	
6	2,410.92	6	2,056.41	6	1,700.78	6	1,343.78	6	992.54	6	640.49	6	283.32	6	6	6		6	
1/4	2,403.53	1/4	2,049.03	1/4	1,693.35	1/4	1,336.35	1/4	985.34	1/4	633.05	1/4	275.88	1/4		1/4		1/4	
1/2	2,396.13	1/2	2,041.66	1/2	1,685.91	1/2	1,328.91	1/2	978.13	1/2	625.61	1/2	268.44	1/2		1/2		1/2	
3/4	2,388.73	3/4	2,034.28	3/4	1,678.47	3/4	1,321.47	3/4	970.92	3/4	618.16	3/4	261.00	3/4		3/4		3/4	
7	2,381.33	7	2,026.91	7	1,671.03	7	1,314.03	7	963.71	7	610.72	7	253.56	7	7	7		7	
1/4	2,373.93	1/4	2,019.53	1/4	1,663.60	1/4	1,306.60	1/4	956.51	1/4	603.28	1/4	246.12	1/4		1/4		1/4	
1/2	2,366.53	1/2	2,012.16	1/2	1,656.16	1/2	1,299.16	1/2	949.30	1/2	595.84	1/2	238.68	1/2		1/2		1/2	
3/4	2,359.13	3/4	2,004.78	3/4	1,648.72	3/4	1,291.72	3/4	942.09	3/4	588.40	3/4	231.24	3/4		3/4		3/4	
8	2,351.73	8	1,997.41	8	1,641.28	8	1,284.28	8	934.88	8	580.96	8	223.80	8	8	8		8	
1/4	2,344.33	1/4	1,990.03	1/4	1,633.85	1/4	1,276.85	1/4	927.67	1/4	573.51	1/4	216.35	1/4		1/4		1/4	
1/2	2,336.93	1/2	1,982.66	1/2	1,626.41	1/2	1,269.41	1/2	920.47	1/2	566.07	1/2	208.91	1/2		1/2		1/2	
3/4	2,329.54	3/4	1,975.28	3/4	1,618.97	3/4	1,261.97	3/4	913.26	3/4	558.63	3/4	201.47	3/4		3/4		3/4	
9	2,322.14	9	1,967.91	9	1,611.53	9	1,254.53	9	906.05	9	551.19	9	194.03	9	9	9		9	
1/4	2,314.74	1/4	1,960.54	1/4	1,604.10	1/4	1,247.10	1/4	898.84	1/4	543.75	1/4	186.59	1/4		1/4		1/4	
1/2	2,307.34	1/2	1,953.16	1/2	1,596.66	1/2	1,239.66	1/2	891.64	1/2	536.31	1/2	179.14	1/2		1/2		1/2	
3/4	2,299.94	3/4	1,945.79	3/4	1,589.22	3/4	1,232.22	3/4	884.43	3/4	528.86	3/4	171.70	3/4		3/4		3/4	
10	2,292.54	10	1,938.41	10	1,581.78	10	1,224.78	10	877.22	10	521.42	10	164.26	10	10	10		10	
1/4	2,285.14	1/4	1,931.04	1/4	1,574.35	1/4	1,217.35	1/4	870.01	1/4	513.98	1/4	156.82	1/4		1/4		1/4	
1/2	2,277.74	1/2	1,923.66	1/2	1,566.91	1/2	1,209.91	1/2	862.81	1/2	506.54	1/2	149.37	1/2		1/2		1/2	
3/4	2,270.34	3/4	1,916.29	3/4	1,559.47	3/4	1,202.47	3/4	855.60	3/4	499.10	3/4	141.93	3/4		3/4		3/4	
11	2,262.94	11	1,908.91	11	1,552.03	11	1,195.03	11	848.39	11	491.66	11	134.49	11	11	11		11	
1/4	2,255.56	1/4	1,901.51	1/4	1,544.60	1/4	1,187.70	1/4	841.07	1/4	484.21	1/4	127.04	1/4		1/4		1/4	
1/2	2,248.17	1/2	1,894.10	1/2	1,537.16	1/2	1,180.37	1/2	833.74	1/2	476.77	1/2	119.60	1/2		1/2		1/2	
3/4	2,240.78	3/4	1,886.69	3/4	1,529.72	3/4	1,173.04	3/4	826.42	3/4	469.33	3/4	112.15	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2013 CL
RECALCULATED: 01/05/2019 CL
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 3112"

3 STBD
ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-02 3/4"

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	4,385.17	0	4,138.56	0	3,891.17	0	3,643.78	0	3,309.97	0	2,952.57
1/4		1/4		1/4		1/4	4,613.81	1/4	4,380.06	1/4	4,133.41	1/4	3,886.02	1/4	3,638.62	1/4	3,302.55	1/4	2,945.12
1/2		1/2		1/2		1/2	4,611.36	1/2	4,374.95	1/2	4,128.26	1/2	3,880.87	1/2	3,633.47	1/2	3,295.12	1/2	2,937.67
3/4		3/4		3/4		3/4	4,607.84	3/4	4,369.82	3/4	4,123.11	3/4	3,875.71	3/4	3,628.31	3/4	3,287.68	3/4	2,930.22
1		1		1		1	4,604.32	1	4,364.70	1	4,117.95	1	3,870.56	1	3,623.16	1	3,280.24	1	2,922.77
1/4		1/4		1/4		1/4	4,600.81	1/4	4,359.57	1/4	4,112.80	1/4	3,865.40	1/4	3,618.01	1/4	3,272.81	1/4	2,915.32
1/2		1/2		1/2		1/2	4,597.29	1/2	4,354.44	1/2	4,107.65	1/2	3,860.25	1/2	3,612.85	1/2	3,265.37	1/2	2,907.87
3/4		3/4		3/4		3/4	4,592.77	3/4	4,349.31	3/4	4,102.49	3/4	3,855.09	3/4	3,607.12	3/4	3,257.92	3/4	2,900.42
2		2		2		2	4,588.26	2	4,344.17	2	4,097.34	2	3,849.94	2	3,601.39	2	3,250.48	2	2,892.97
1/4		1/4		1/4		1/4	4,583.74	1/4	4,339.03	1/4	4,092.18	1/4	3,844.79	1/4	3,595.67	1/4	3,243.03	1/4	2,885.52
1/2		1/2		1/2		1/2	4,579.22	1/2	4,333.89	1/2	4,087.03	1/2	3,839.63	1/2	3,589.94	1/2	3,235.58	1/2	2,878.07
3/4		3/4		3/4		3/4	4,574.18	3/4	4,328.75	3/4	4,081.88	3/4	3,834.48	3/4	3,583.07	3/4	3,228.13	3/4	2,870.62
3		3		3		3	4,569.13	3	4,323.61	3	4,076.72	3	3,829.32	3	3,576.21	3	3,220.69	3	2,863.17
1/4		1/4		1/4		1/4	4,564.08	1/4	4,318.47	1/4	4,071.57	1/4	3,824.17	1/4	3,569.34	1/4	3,213.24	1/4	2,855.72
1/2		1/2		1/2		1/2	4,559.03	1/2	4,313.33	1/2	4,066.41	1/2	3,819.02	1/2	3,562.48	1/2	3,205.79	1/2	2,848.27
3/4		3/4		3/4		3/4	4,553.91	3/4	4,308.19	3/4	4,061.26	3/4	3,813.86	3/4	3,555.05	3/4	3,198.34	3/4	2,840.82
4		4		4		4	4,548.80	4	4,303.05	4	4,056.10	4	3,808.71	4	3,547.63	4	3,190.90	4	2,833.37
1/4		1/4		1/4		1/4	4,543.68	1/4	4,297.91	1/4	4,050.95	1/4	3,803.55	1/4	3,540.20	1/4	3,183.45	1/4	2,825.92
1/2		1/2		1/2		1/2	4,538.57	1/2	4,292.77	1/2	4,045.80	1/2	3,798.40	1/2	3,532.77	1/2	3,176.00	1/2	2,818.47
3/4		3/4		3/4		3/4	4,533.45	3/4	4,287.63	3/4	4,040.64	3/4	3,793.25	3/4	3,525.35	3/4	3,168.55	3/4	2,811.02
5		5		5		5	4,528.34	5	4,282.49	5	4,035.49	5	3,788.09	5	3,517.92	5	3,161.11	5	2,803.57
1/4		1/4		1/4		1/4	4,523.22	1/4	4,277.35	1/4	4,030.33	1/4	3,782.94	1/4	3,510.49	1/4	3,153.66	1/4	2,796.12
1/2		1/2		1/2		1/2	4,518.11	1/2	4,272.21	1/2	4,025.18	1/2	3,777.78	1/2	3,503.07	1/2	3,146.21	1/2	2,788.67
3/4		3/4		3/4		3/4	4,512.99	3/4	4,267.07	3/4	4,020.03	3/4	3,772.63	3/4	3,495.64	3/4	3,138.77	3/4	2,781.22
6		6		6		6	4,507.88	6	4,261.93	6	4,014.87	6	3,767.48	6	3,488.21	6	3,131.32	6	2,773.77
1/4		1/4		1/4		1/4	4,502.76	1/4	4,256.79	1/4	4,009.72	1/4	3,762.32	1/4	3,480.79	1/4	3,123.87	1/4	2,766.32
1/2		1/2		1/2		1/2	4,497.65	1/2	4,251.65	1/2	4,004.56	1/2	3,757.17	1/2	3,473.36	1/2	3,116.42	1/2	2,758.87
3/4		3/4		3/4		3/4	4,492.54	3/4	4,246.51	3/4	3,999.41	3/4	3,752.01	3/4	3,465.93	3/4	3,108.98	3/4	2,751.42
7		7		7		7	4,487.42	7	4,241.37	7	3,994.26	7	3,746.86	7	3,458.51	7	3,101.53	7	2,743.97
1/4		1/4		1/4		1/4	4,482.31	1/4	4,236.23	1/4	3,989.10	1/4	3,741.70	1/4	3,451.08	1/4	3,094.08	1/4	2,736.52
1/2		1/2		1/2		1/2	4,477.19	1/2	4,231.09	1/2	3,983.95	1/2	3,736.55	1/2	3,443.65	1/2	3,086.63	1/2	2,729.07
3/4		3/4		3/4		3/4	4,472.08	3/4	4,225.95	3/4	3,978.79	3/4	3,731.40	3/4	3,436.23	3/4	3,079.19	3/4	2,721.62
8		8		8		8	4,466.97	8	4,220.81	8	3,973.64	8	3,726.24	8	3,428.80	8	3,071.74	8	2,714.17
1/4		1/4		1/4		1/4	4,461.86	1/4	4,215.67	1/4	3,968.49	1/4	3,721.09	1/4	3,421.37	1/4	3,064.29	1/4	2,706.72
1/2		1/2		1/2		1/2	4,456.75	1/2	4,210.53	1/2	3,963.33	1/2	3,715.93	1/2	3,413.95	1/2	3,056.84	1/2	2,699.27
3/4		3/4		3/4		3/4	4,451.63	3/4	4,205.39	3/4	3,958.18	3/4	3,710.78	3/4	3,406.52	3/4	3,049.40	3/4	2,691.82
9		9		9		9	4,446.52	9	4,200.25	9	3,953.02	9	3,705.63	9	3,399.09	9	3,041.95	9	2,684.37
1/4		1/4		1/4		1/4	4,441.41	1/4	4,195.11	1/4	3,947.87	1/4	3,700.47	1/4	3,391.67	1/4	3,034.50	1/4	2,676.92
1/2		1/2		1/2		1/2	4,436.30	1/2	4,189.97	1/2	3,942.71	1/2	3,695.32	1/2	3,384.24	1/2	3,027.05	1/2	2,669.47
3/4		3/4		3/4		3/4	4,431.18	3/4	4,184.83	3/4	3,937.56	3/4	3,690.16	3/4	3,376.81	3/4	3,019.61	3/4	2,662.02
10		10		10		10	4,426.07	10	4,179.70	10	3,932.41	10	3,685.01	10	3,369.39	10	3,012.16	10	2,654.57
1/4		1/4		1/4		1/4	4,420.96	1/4	4,174.56	1/4	3,927.25	1/4	3,679.86	1/4	3,361.96	1/4	3,004.71	1/4	2,647.12
1/2		1/2		1/2		1/2	4,415.85	1/2	4,169.42	1/2	3,922.10	1/2	3,674.70	1/2	3,354.53	1/2	2,997.26	1/2	2,639.67
3/4		3/4		3/4		3/4	4,410.74	3/4	4,164.28	3/4	3,916.94	3/4	3,669.55	3/4	3,347.11	3/4	2,989.82	3/4	2,632.21
11		11		11		11	4,405.62	11	4,159.14	11	3,911.79	11	3,664.39	11	3,339.68	11	2,982.37	11	2,624.76
1/4		1/4		1/4		1/4	4,400.51	1/4	4,154.00	1/4	3,906.64	1/4	3,659.24	1/4	3,332.25	1/4	2,974.92	1/4	2,617.30
1/2		1/2		1/2		1/2	4,395.40	1/2	4,148.86	1/2	3,901.48	1/2	3,654.08	1/2	3,324.83	1/2	2,967.47	1/2	2,609.85
3/4		3/4		3/4		3/4	4,390.29	3/4	4,143.71	3/4	3,896.33	3/4	3,648.93	3/4	3,317.40	3/4	2,960.02	3/4	2,602.39

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 HERMETIC DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" 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 3112"

3 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 17'-02 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	2,594.93	0	2,236.98	0	1,879.03	0	1,521.08	0	1,163.13	0	805.73	0	447.79	0	89.85	0		0	
1/4	2,587.47	1/4	2,229.52	1/4	1,871.57	1/4	1,513.62	1/4	1,155.67	1/4	798.28	1/4	440.33	1/4	82.39	1/4		1/4	
1/2	2,580.02	1/2	2,222.07	1/2	1,864.12	1/2	1,506.17	1/2	1,148.22	1/2	790.82	1/2	432.88	1/2	74.94	1/2		1/2	
3/4	2,572.56	3/4	2,214.61	3/4	1,856.66	3/4	1,498.71	3/4	1,140.76	3/4	783.36	3/4	425.42	3/4	67.95	3/4		3/4	
1	2,565.10	1	2,207.15	1	1,849.20	1	1,491.25	1	1,133.31	1	775.90	1	417.96	1	60.95	1		1	
1/4	2,557.65	1/4	2,199.70	1/4	1,841.74	1/4	1,483.79	1/4	1,125.86	1/4	768.45	1/4	410.51	1/4	53.96	1/4		1/4	
1/2	2,550.19	1/2	2,192.24	1/2	1,834.29	1/2	1,476.34	1/2	1,118.40	1/2	760.99	1/2	403.05	1/2	46.97	1/2		1/2	
3/4	2,542.73	3/4	2,184.78	3/4	1,826.83	3/4	1,468.88	3/4	1,110.95	3/4	753.53	3/4	395.59	3/4	41.38	3/4		3/4	
2	2,535.27	2	2,177.32	2	1,819.37	2	1,461.42	2	1,103.50	2	746.08	2	388.13	2	35.79	2		2	
1/4	2,527.82	1/4	2,169.87	1/4	1,811.92	1/4	1,453.97	1/4	1,096.05	1/4	738.62	1/4	380.68	1/4	30.19	1/4		1/4	
1/2	2,520.36	1/2	2,162.41	1/2	1,804.46	1/2	1,446.51	1/2	1,088.60	1/2	731.16	1/2	373.22	1/2	24.60	1/2		1/2	
3/4	2,512.90	3/4	2,154.95	3/4	1,797.00	3/4	1,439.05	3/4	1,081.16	3/4	723.70	3/4	365.76	3/4	20.87	3/4		3/4	
3	2,505.44	3	2,147.49	3	1,789.54	3	1,431.59	3	1,073.71	3	716.25	3	358.31	3		3		3	
1/4	2,497.99	1/4	2,140.04	1/4	1,782.09	1/4	1,424.14	1/4	1,066.27	1/4	708.79	1/4	350.85	1/4		1/4		1/4	
1/2	2,490.53	1/2	2,132.58	1/2	1,774.63	1/2	1,416.68	1/2	1,058.82	1/2	701.33	1/2	343.39	1/2		1/2		1/2	
3/4	2,483.07	3/4	2,125.12	3/4	1,767.17	3/4	1,409.22	3/4	1,051.38	3/4	693.88	3/4	335.94	3/4		3/4		3/4	
4	2,475.62	4	2,117.66	4	1,759.71	4	1,401.76	4	1,043.94	4	686.42	4	328.48	4	4	4		4	
1/4	2,468.16	1/4	2,110.21	1/4	1,752.26	1/4	1,394.31	1/4	1,036.50	1/4	678.96	1/4	321.02	1/4		1/4		1/4	
1/2	2,460.70	1/2	2,102.75	1/2	1,744.80	1/2	1,386.85	1/2	1,029.05	1/2	671.50	1/2	313.56	1/2		1/2		1/2	
3/4	2,453.24	3/4	2,095.29	3/4	1,737.34	3/4	1,379.39	3/4	1,021.61	3/4	664.05	3/4	306.11	3/4		3/4		3/4	
5	2,445.79	5	2,087.84	5	1,729.89	5	1,371.93	5	1,014.17	5	656.59	5	298.65	5	5	5		5	
1/4	2,438.33	1/4	2,080.38	1/4	1,722.43	1/4	1,364.48	1/4	1,006.73	1/4	649.13	1/4	291.19	1/4		1/4		1/4	
1/2	2,430.87	1/2	2,072.92	1/2	1,714.97	1/2	1,357.02	1/2	999.29	1/2	641.68	1/2	283.74	1/2		1/2		1/2	
3/4	2,423.41	3/4	2,065.46	3/4	1,707.51	3/4	1,349.56	3/4	991.84	3/4	634.22	3/4	276.28	3/4		3/4		3/4	
6	2,415.96	6	2,058.01	6	1,700.06	6	1,342.11	6	984.40	6	626.76	6	268.82	6	6	6		6	
1/4	2,408.50	1/4	2,050.55	1/4	1,692.60	1/4	1,334.65	1/4	976.96	1/4	619.30	1/4	261.36	1/4		1/4		1/4	
1/2	2,401.04	1/2	2,043.09	1/2	1,685.14	1/2	1,327.19	1/2	969.52	1/2	611.85	1/2	253.91	1/2		1/2		1/2	
3/4	2,393.58	3/4	2,035.63	3/4	1,677.68	3/4	1,319.73	3/4	962.08	3/4	604.39	3/4	246.45	3/4		3/4		3/4	
7	2,386.13	7	2,028.18	7	1,670.23	7	1,312.28	7	954.63	7	596.93	7	238.99	7	7	7		7	
1/4	2,378.67	1/4	2,020.72	1/4	1,662.77	1/4	1,304.82	1/4	947.19	1/4	589.48	1/4	231.54	1/4		1/4		1/4	
1/2	2,371.21	1/2	2,013.26	1/2	1,655.31	1/2	1,297.36	1/2	939.75	1/2	582.02	1/2	224.08	1/2		1/2		1/2	
3/4	2,363.76	3/4	2,005.81	3/4	1,647.85	3/4	1,289.90	3/4	932.31	3/4	574.56	3/4	216.62	3/4		3/4		3/4	
8	2,356.30	8	1,998.35	8	1,640.40	8	1,282.45	8	924.87	8	567.11	8	209.16	8	8	8		8	
1/4	2,348.84	1/4	1,990.89	1/4	1,632.94	1/4	1,274.99	1/4	917.42	1/4	559.65	1/4	201.71	1/4		1/4		1/4	
1/2	2,341.38	1/2	1,983.43	1/2	1,625.48	1/2	1,267.53	1/2	909.98	1/2	552.19	1/2	194.25	1/2		1/2		1/2	
3/4	2,333.93	3/4	1,975.98	3/4	1,618.03	3/4	1,260.08	3/4	902.54	3/4	544.73	3/4	186.79	3/4		3/4		3/4	
9	2,326.47	9	1,968.52	9	1,610.57	9	1,252.62	9	895.10	9	537.28	9	179.34	9	9	9		9	
1/4	2,319.01	1/4	1,961.06	1/4	1,603.11	1/4	1,245.16	1/4	887.65	1/4	529.82	1/4	171.88	1/4		1/4		1/4	
1/2	2,311.55	1/2	1,953.60	1/2	1,595.65	1/2	1,237.70	1/2	880.21	1/2	522.36	1/2	164.42	1/2		1/2		1/2	
3/4	2,304.10	3/4	1,946.15	3/4	1,588.20	3/4	1,230.25	3/4	872.77	3/4	514.91	3/4	156.96	3/4		3/4		3/4	
10	2,296.64	10	1,938.69	10	1,580.74	10	1,222.79	10	865.33	10	507.45	10	149.51	10	10	10		10	
1/4	2,289.18	1/4	1,931.23	1/4	1,573.28	1/4	1,215.33	1/4	857.89	1/4	499.99	1/4	142.05	1/4		1/4		1/4	
1/2	2,281.73	1/2	1,923.77	1/2	1,565.82	1/2	1,207.87	1/2	850.44	1/2	492.53	1/2	134.59	1/2		1/2		1/2	
3/4	2,274.27	3/4	1,916.32	3/4	1,558.37	3/4	1,200.42	3/4	842.99	3/4	485.08	3/4	127.14	3/4		3/4		3/4	
11	2,266.81	11	1,908.86	11	1,550.91	11	1,192.96	11	835.55	11	477.62	11	119.68	11	11	11		11	
1/4	2,259.35	1/4	1,901.40	1/4	1,543.45	1/4	1,185.50	1/4	828.10	1/4	470.16	1/4	112.22	1/4		1/4		1/4	
1/2	2,251.90	1/2	1,893.95	1/2	1,536.00	1/2	1,178.04	1/2	820.65	1/2	462.71	1/2	104.76	1/2		1/2		1/2	
3/4	2,244.44	3/4	1,886.49	3/4	1,528.54	3/4	1,170.59	3/4	813.19	3/4	455.25	3/4	97.31	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2013 CL
RECALCULATED: 01/05/2019 CL
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 3112"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-10"

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

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

STRAPPED: 12/04/2013 CL
CALCULATED: 12/05/2013 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
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BARGE "HTCO 3112"

FWD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5		5		5		5		5	
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 12/04/2013 CL
CALCULATED: 12/05/2013 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.

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Pearland, Texas 77588
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BARGE "HTCO 3112"

AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5		5		5		5		5	
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 12/04/2013 CL
 CALCULATED: 12/05/2013 CL
 VERIFIED: 01/09/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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