

BARGE "HTCO 3122"

ULLAGE (HERMETIC)

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

February 5, 2024

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

<http://www.pmacorp.net>



BARGE "HTCO 3122"

1 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	4,693.90	0	4,337.21	0	3,979.24	0	3,621.23	0	3,263.21	0	2,905.17
1/4		1/4		1/4		1/4		1/4	4,686.51	1/4	4,329.77	1/4	3,971.78	1/4	3,613.77	1/4	3,255.75	1/4	2,897.71
1/2		1/2		1/2		1/2		1/2	4,679.11	1/2	4,322.32	1/2	3,964.33	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	4,656.92	1/4	4,299.97	1/4	3,941.95	1/4	3,583.93	1/4	3,225.91	1/4	2,867.86
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	3,218.46	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	3,569.02	3/4	3,211.00	3/4	2,852.93
2		2		2		2	4,985.63	2	4,634.67	2	4,277.59	2	3,919.57	2	3,561.56	2	3,203.54	2	2,845.47
1/4		1/4		1/4		1/4	4,979.83	1/4	4,627.25	1/4	4,270.13	1/4	3,912.12	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	3,904.66	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	4,255.22	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	4,247.76	3	3,889.74	3	3,531.72	3	3,173.70	3	2,815.62
1/4		1/4		1/4		1/4	4,952.62	1/4	4,597.50	1/4	4,240.30	1/4	3,882.28	1/4	3,524.26	1/4	3,166.25	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	3,158.79	1/2	2,800.69
3/4		3/4		3/4		3/4	4,937.94	3/4	4,582.63	3/4	4,225.38	3/4	3,867.36	3/4	3,509.35	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	3,501.89	4	3,143.87	4	2,785.77
1/4		1/4		1/4		1/4	4,923.27	1/4	4,567.75	1/4	4,210.46	1/4	3,852.45	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	4,560.32	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	4,195.55	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	2,755.92
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	3,106.58	1/4	2,748.45
1/2		1/2		1/2		1/2	4,886.27	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	4,878.87	3/4	4,523.13	3/4	4,165.71	3/4	3,807.69	3/4	3,449.68	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	4,508.26	1/4	4,150.79	1/4	3,792.78	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	4,135.88	3/4	3,777.86	3/4	3,419.84	3/4	3,061.82	3/4	2,703.68
7		7		7		7	4,841.86	7	4,485.95	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	3,046.91	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	3,390.01	3/4	3,031.99	3/4	2,673.83
8		8		8		8	4,812.26	8	4,456.20	8	4,098.58	8	3,740.57	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	3,733.11	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	4,083.67	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	4,790.07	3/4	4,433.89	3/4	4,076.21	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	2,994.70	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	2,987.24	1/4	2,629.05
1/2		1/2		1/2		1/2	4,767.87	1/2	4,411.58	1/2	4,053.83	1/2	3,695.81	1/2	3,337.80	1/2	2,979.78	1/2	2,621.59
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	3,330.34	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	3,680.90	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	3,673.44	1/4	3,315.42	1/4	2,957.40	1/4	2,599.20
1/2		1/2		1/2		1/2	4,738.29	1/2	4,381.83	1/2	4,024.00	1/2	3,665.98	1/2	3,307.96	1/2	2,949.94	1/2	2,591.74
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	2,935.03	11	2,576.81
1/4		1/4		1/4		1/4	4,716.09	1/4	4,359.52	1/4	4,001.62	1/4	3,643.60	1/4	3,285.58	1/4	2,927.57	1/4	2,569.35
1/2		1/2		1/2		1/2	4,708.70	1/2	4,352.08	1/2	3,994.16	1/2	3,636.14	1/2	3,278.13	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	2,912.64	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'-09" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "HTCO 3122"

1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,546.96	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	2,539.50	1/4	2,181.29	1/4	1,823.08	1/4	1,464.87	1/4	1,106.72	1/4	750.66	1/4	397.47	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	1,457.41	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	728.28	1	376.55	1	65.30	1		1	
1/4	2,509.65	1/4	2,151.44	1/4	1,793.23	1/4	1,435.02	1/4	1,076.98	1/4	720.81	1/4	369.58	1/4	59.27	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	53.79	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	48.31	3/4		3/4	
2	2,487.26	2	2,129.05	2	1,770.84	2	1,412.63	2	1,054.71	2	698.43	2	348.88	2	42.82	2		2	
1/4	2,479.80	1/4	2,121.59	1/4	1,763.38	1/4	1,405.17	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	668.58	3	321.51	3	25.34	3		3	
1/4	2,449.94	1/4	2,091.73	1/4	1,733.53	1/4	1,375.32	1/4	1,017.60	1/4	661.11	1/4	314.69	1/4	21.35	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	301.20	3/4		3/4		3/4	
4	2,427.56	4	2,069.35	4	1,711.14	4	1,352.93	4	995.36	4	638.73	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	2,397.71	5	2,039.50	5	1,681.29	5	1,323.08	5	965.71	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	586.49	3/4	247.89	3/4		3/4		3/4	
6	2,367.85	6	2,009.65	6	1,651.44	6	1,293.23	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	921.24	1/2	564.12	1/2	228.22	1/2		1/2		1/2	
3/4	2,345.47	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	1,263.38	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	2,315.62	3/4	1,957.41	3/4	1,599.20	3/4	1,240.99	3/4	884.18	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	876.77	8	519.67	8	189.47	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	183.05	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	2,285.77	3/4	1,927.56	3/4	1,569.35	3/4	1,211.14	3/4	854.53	3/4	497.69	3/4	170.36	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	839.71	1/4	483.10	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	151.40	1/2		1/2		1/2	
3/4	2,255.91	3/4	1,897.70	3/4	1,539.50	3/4	1,181.29	3/4	824.88	3/4	468.66	3/4	145.13	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	2,233.53	1/2	1,875.32	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	795.24	3/4	439.96	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	2,203.68	1/2	1,845.47	1/2	1,487.26	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	411.58	3/4	95.60	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014
VERIFIED: 02/05/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "HTCO 3122"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,695.01	0	4,338.36	0	3,980.45	0	3,622.48	0	3,264.51	0	2,906.54
1/4		1/4		1/4		1/4		1/4	4,687.61	1/4	4,330.92	1/4	3,972.99	1/4	3,615.02	1/4	3,257.05	1/4	2,899.09
1/2		1/2		1/2		1/2		1/2	4,680.22	1/2	4,323.47	1/2	3,965.53	1/2	3,607.56	1/2	3,249.59	1/2	2,891.62
3/4		3/4		3/4		3/4		3/4	4,672.82	3/4	4,316.03	3/4	3,958.07	3/4	3,600.11	3/4	3,242.14	3/4	2,884.16
1		1		1		1	5,008.82	1	4,665.42	1	4,308.58	1	3,950.62	1	3,592.65	1	3,234.68	1	2,876.70
1/4		1/4		1/4		1/4	5,004.08	1/4	4,658.03	1/4	4,301.13	1/4	3,943.16	1/4	3,585.19	1/4	3,227.22	1/4	2,869.24
1/2		1/2		1/2		1/2	4,998.28	1/2	4,650.61	1/2	4,293.67	1/2	3,935.70	1/2	3,577.73	1/2	3,219.76	1/2	2,861.78
3/4		3/4		3/4		3/4	4,992.48	3/4	4,643.19	3/4	4,286.21	3/4	3,928.24	3/4	3,570.27	3/4	3,212.30	3/4	2,854.31
2		2		2		2	4,986.68	2	4,635.78	2	4,278.76	2	3,920.79	2	3,562.82	2	3,204.85	2	2,846.85
1/4		1/4		1/4		1/4	4,980.88	1/4	4,628.36	1/4	4,271.30	1/4	3,913.33	1/4	3,555.36	1/4	3,197.39	1/4	2,839.39
1/2		1/2		1/2		1/2	4,974.08	1/2	4,620.93	1/2	4,263.84	1/2	3,905.87	1/2	3,547.90	1/2	3,189.93	1/2	2,831.93
3/4		3/4		3/4		3/4	4,967.28	3/4	4,613.49	3/4	4,256.38	3/4	3,898.41	3/4	3,540.44	3/4	3,182.47	3/4	2,824.47
3		3		3		3	4,960.48	3	4,606.05	3	4,248.93	3	3,890.96	3	3,532.99	3	3,175.02	3	2,817.01
1/4		1/4		1/4		1/4	4,953.68	1/4	4,598.62	1/4	4,241.47	1/4	3,883.50	1/4	3,525.53	1/4	3,167.56	1/4	2,809.54
1/2		1/2		1/2		1/2	4,946.35	1/2	4,591.18	1/2	4,234.01	1/2	3,876.04	1/2	3,518.07	1/2	3,160.10	1/2	2,802.08
3/4		3/4		3/4		3/4	4,939.01	3/4	4,583.75	3/4	4,226.55	3/4	3,868.58	3/4	3,510.61	3/4	3,152.64	3/4	2,794.62
4		4		4		4	4,931.68	4	4,576.31	4	4,219.09	4	3,861.12	4	3,503.16	4	3,145.19	4	2,787.16
1/4		1/4		1/4		1/4	4,924.35	1/4	4,568.87	1/4	4,211.64	1/4	3,853.67	1/4	3,495.70	1/4	3,137.73	1/4	2,779.70
1/2		1/2		1/2		1/2	4,916.95	1/2	4,561.44	1/2	4,204.18	1/2	3,846.21	1/2	3,488.24	1/2	3,130.27	1/2	2,772.23
3/4		3/4		3/4		3/4	4,909.55	3/4	4,554.00	3/4	4,196.72	3/4	3,838.75	3/4	3,480.78	3/4	3,122.81	3/4	2,764.77
5		5		5		5	4,902.15	5	4,546.57	5	4,189.26	5	3,831.29	5	3,473.32	5	3,115.35	5	2,757.31
1/4		1/4		1/4		1/4	4,894.75	1/4	4,539.13	1/4	4,181.81	1/4	3,823.84	1/4	3,465.87	1/4	3,107.90	1/4	2,749.85
1/2		1/2		1/2		1/2	4,887.35	1/2	4,531.69	1/2	4,174.35	1/2	3,816.38	1/2	3,458.41	1/2	3,100.44	1/2	2,742.39
3/4		3/4		3/4		3/4	4,879.95	3/4	4,524.26	3/4	4,166.89	3/4	3,808.92	3/4	3,450.95	3/4	3,092.98	3/4	2,734.93
6		6		6		6	4,872.55	6	4,516.82	6	4,159.43	6	3,801.46	6	3,443.49	6	3,085.52	6	2,727.46
1/4		1/4		1/4		1/4	4,865.15	1/4	4,509.39	1/4	4,151.98	1/4	3,794.01	1/4	3,436.04	1/4	3,078.07	1/4	2,720.00
1/2		1/2		1/2		1/2	4,857.75	1/2	4,501.95	1/2	4,144.52	1/2	3,786.55	1/2	3,428.58	1/2	3,070.61	1/2	2,712.54
3/4		3/4		3/4		3/4	4,850.35	3/4	4,494.51	3/4	4,137.06	3/4	3,779.09	3/4	3,421.12	3/4	3,063.15	3/4	2,705.08
7		7		7		7	4,842.95	7	4,487.08	7	4,129.60	7	3,771.63	7	3,413.66	7	3,055.69	7	2,697.62
1/4		1/4		1/4		1/4	4,835.55	1/4	4,479.64	1/4	4,122.14	1/4	3,764.17	1/4	3,406.21	1/4	3,048.24	1/4	2,690.16
1/2		1/2		1/2		1/2	4,828.15	1/2	4,472.21	1/2	4,114.69	1/2	3,756.72	1/2	3,398.75	1/2	3,040.78	1/2	2,682.69
3/4		3/4		3/4		3/4	4,820.75	3/4	4,464.77	3/4	4,107.23	3/4	3,749.26	3/4	3,391.29	3/4	3,033.32	3/4	2,675.23
8		8		8		8	4,813.35	8	4,457.33	8	4,099.77	8	3,741.80	8	3,383.83	8	3,025.86	8	2,667.77
1/4		1/4		1/4		1/4	4,805.95	1/4	4,449.90	1/4	4,092.31	1/4	3,734.34	1/4	3,376.37	1/4	3,018.40	1/4	2,660.31
1/2		1/2		1/2		1/2	4,798.56	1/2	4,442.46	1/2	4,084.86	1/2	3,726.89	1/2	3,368.92	1/2	3,010.95	1/2	2,652.85
3/4		3/4		3/4		3/4	4,791.16	3/4	4,435.03	3/4	4,077.40	3/4	3,719.43	3/4	3,361.46	3/4	3,003.49	3/4	2,645.38
9		9		9		9	4,783.76	9	4,427.59	9	4,069.94	9	3,711.97	9	3,354.00	9	2,996.03	9	2,637.92
1/4		1/4		1/4		1/4	4,776.37	1/4	4,420.15	1/4	4,062.48	1/4	3,704.51	1/4	3,346.54	1/4	2,988.57	1/4	2,630.46
1/2		1/2		1/2		1/2	4,768.97	1/2	4,412.72	1/2	4,055.03	1/2	3,697.06	1/2	3,339.09	1/2	2,981.12	1/2	2,623.00
3/4		3/4		3/4		3/4	4,761.57	3/4	4,405.28	3/4	4,047.57	3/4	3,689.60	3/4	3,331.63	3/4	2,973.66	3/4	2,615.54
10		10		10		10	4,754.18	10	4,397.85	10	4,040.11	10	3,682.14	10	3,324.17	10	2,966.20	10	2,608.08
1/4		1/4		1/4		1/4	4,746.78	1/4	4,390.41	1/4	4,032.65	1/4	3,674.68	1/4	3,316.71	1/4	2,958.74	1/4	2,600.61
1/2		1/2		1/2		1/2	4,739.39	1/2	4,382.97	1/2	4,025.19	1/2	3,667.22	1/2	3,309.26	1/2	2,951.29	1/2	2,593.15
3/4		3/4		3/4		3/4	4,731.99	3/4	4,375.54	3/4	4,017.74	3/4	3,659.77	3/4	3,301.80	3/4	2,943.83	3/4	2,585.69
11		11		11		11	4,724.59	11	4,368.10	11	4,010.28	11	3,652.31	11	3,294.34	11	2,936.37	11	2,578.23
1/4		1/4		1/4		1/4	4,717.20	1/4	4,360.67	1/4	4,002.82	1/4	3,644.85	1/4	3,286.88	1/4	2,928.91	1/4	2,570.77
1/2		1/2		1/2		1/2	4,709.80	1/2	4,353.23	1/2	3,995.36	1/2	3,637.39	1/2	3,279.42	1/2	2,921.46	1/2	2,563.30
3/4		3/4		3/4		3/4	4,702.40	3/4	4,345.79	3/4	3,987.91	3/4	3,629.94	3/4	3,271.97	3/4	2,914.00	3/4	2,555.84

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3122"

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	2,548.38	0	2,190.21	0	1,832.05	0	1,473.88	0	1,115.72	0	758.04	0	404.54	0	89.51	0		0	
1/4	2,540.92	1/4	2,182.75	1/4	1,824.59	1/4	1,466.42	1/4	1,108.25	1/4	750.59	1/4	397.49	1/4	83.40	1/4		1/4	
1/2	2,533.46	1/2	2,175.29	1/2	1,817.12	1/2	1,458.96	1/2	1,100.79	1/2	743.13	1/2	390.52	1/2	77.37	1/2		1/2	
3/4	2,526.00	3/4	2,167.83	3/4	1,809.66	3/4	1,451.50	3/4	1,093.33	3/4	735.66	3/4	383.55	3/4	71.34	3/4		3/4	
1	2,518.53	1	2,160.37	1	1,802.20	1	1,444.03	1	1,085.87	1	728.20	1	376.57	1	65.31	1		1	
1/4	2,511.07	1/4	2,152.91	1/4	1,794.74	1/4	1,436.57	1/4	1,078.41	1/4	720.74	1/4	369.60	1/4	59.28	1/4		1/4	
1/2	2,503.61	1/2	2,145.44	1/2	1,787.28	1/2	1,429.11	1/2	1,070.95	1/2	713.28	1/2	362.70	1/2	53.80	1/2		1/2	
3/4	2,496.15	3/4	2,137.98	3/4	1,779.82	3/4	1,421.65	3/4	1,063.49	3/4	705.82	3/4	355.81	3/4	48.31	3/4		3/4	
2	2,488.69	2	2,130.52	2	1,772.35	2	1,414.19	2	1,056.03	2	698.36	2	348.91	2	42.83	2		2	
1/4	2,481.22	1/4	2,123.06	1/4	1,764.89	1/4	1,406.73	1/4	1,048.57	1/4	690.89	1/4	342.01	1/4	37.35	1/4		1/4	
1/2	2,473.76	1/2	2,115.60	1/2	1,757.43	1/2	1,399.26	1/2	1,041.12	1/2	683.43	1/2	335.19	1/2	33.35	1/2		1/2	
3/4	2,466.30	3/4	2,108.13	3/4	1,749.97	3/4	1,391.80	3/4	1,033.66	3/4	675.97	3/4	328.36	3/4	29.35	3/4		3/4	
3	2,458.84	3	2,100.67	3	1,742.51	3	1,384.34	3	1,026.21	3	668.51	3	321.54	3	25.35	3		3	
1/4	2,451.38	1/4	2,093.21	1/4	1,735.04	1/4	1,376.88	1/4	1,018.75	1/4	661.05	1/4	314.71	1/4	21.35	1/4		1/4	
1/2	2,443.92	1/2	2,085.75	1/2	1,727.58	1/2	1,369.42	1/2	1,011.30	1/2	653.59	1/2	307.97	1/2	18.43	1/2		1/2	
3/4	2,436.45	3/4	2,078.29	3/4	1,720.12	3/4	1,361.95	3/4	1,003.85	3/4	646.13	3/4	301.22	3/4		3/4		3/4	
4	2,428.99	4	2,070.83	4	1,712.66	4	1,354.49	4	996.40	4	638.66	4	294.48	4		4		4	
1/4	2,421.53	1/4	2,063.36	1/4	1,705.20	1/4	1,347.03	1/4	988.95	1/4	631.20	1/4	287.74	1/4		1/4		1/4	
1/2	2,414.07	1/2	2,055.90	1/2	1,697.74	1/2	1,339.57	1/2	981.50	1/2	623.74	1/2	281.07	1/2		1/2		1/2	
3/4	2,406.61	3/4	2,048.44	3/4	1,690.27	3/4	1,332.11	3/4	974.05	3/4	616.28	3/4	274.41	3/4		3/4		3/4	
5	2,399.14	5	2,040.98	5	1,682.81	5	1,324.65	5	966.60	5	608.82	5	267.74	5		5		5	
1/4	2,391.68	1/4	2,033.52	1/4	1,675.35	1/4	1,317.18	1/4	959.15	1/4	601.36	1/4	261.08	1/4		1/4		1/4	
1/2	2,384.22	1/2	2,026.05	1/2	1,667.89	1/2	1,309.72	1/2	951.71	1/2	593.89	1/2	254.50	1/2		1/2		1/2	
3/4	2,376.76	3/4	2,018.59	3/4	1,660.43	3/4	1,302.26	3/4	944.26	3/4	586.43	3/4	247.92	3/4		3/4		3/4	
6	2,369.30	6	2,011.13	6	1,652.96	6	1,294.80	6	936.81	6	578.97	6	241.33	6		6		6	
1/4	2,361.84	1/4	2,003.67	1/4	1,645.50	1/4	1,287.34	1/4	929.36	1/4	571.51	1/4	234.75	1/4		1/4		1/4	
1/2	2,354.37	1/2	1,996.21	1/2	1,638.04	1/2	1,279.87	1/2	921.91	1/2	564.07	1/2	228.25	1/2		1/2		1/2	
3/4	2,346.91	3/4	1,988.75	3/4	1,630.58	3/4	1,272.41	3/4	914.47	3/4	556.64	3/4	221.75	3/4		3/4		3/4	
7	2,339.45	7	1,981.28	7	1,623.12	7	1,264.95	7	907.02	7	549.20	7	215.25	7		7		7	
1/4	2,331.99	1/4	1,973.82	1/4	1,615.66	1/4	1,257.49	1/4	899.57	1/4	541.77	1/4	208.75	1/4		1/4		1/4	
1/2	2,324.53	1/2	1,966.36	1/2	1,608.19	1/2	1,250.03	1/2	892.12	1/2	534.40	1/2	202.33	1/2		1/2		1/2	
3/4	2,317.07	3/4	1,958.90	3/4	1,600.73	3/4	1,242.57	3/4	884.68	3/4	527.03	3/4	195.91	3/4		3/4		3/4	
8	2,309.60	8	1,951.44	8	1,593.27	8	1,235.10	8	877.23	8	519.66	8	189.49	8		8		8	
1/4	2,302.14	1/4	1,943.98	1/4	1,585.81	1/4	1,227.64	1/4	869.78	1/4	512.29	1/4	183.07	1/4		1/4		1/4	
1/2	2,294.68	1/2	1,936.51	1/2	1,578.35	1/2	1,220.18	1/2	862.33	1/2	504.99	1/2	176.72	1/2		1/2		1/2	
3/4	2,287.22	3/4	1,929.05	3/4	1,570.89	3/4	1,212.72	3/4	854.88	3/4	497.70	3/4	170.38	3/4		3/4		3/4	
9	2,279.76	9	1,921.59	9	1,563.42	9	1,205.26	9	847.44	9	490.41	9	164.03	9		9		9	
1/4	2,272.29	1/4	1,914.13	1/4	1,555.96	1/4	1,197.80	1/4	839.99	1/4	483.11	1/4	157.69	1/4		1/4		1/4	
1/2	2,264.83	1/2	1,906.67	1/2	1,548.50	1/2	1,190.33	1/2	832.54	1/2	475.90	1/2	151.42	1/2		1/2		1/2	
3/4	2,257.37	3/4	1,899.20	3/4	1,541.04	3/4	1,182.87	3/4	825.09	3/4	468.68	3/4	145.15	3/4		3/4		3/4	
10	2,249.91	10	1,891.74	10	1,533.58	10	1,175.41	10	817.64	10	461.46	10	138.87	10		10		10	
1/4	2,242.45	1/4	1,884.28	1/4	1,526.11	1/4	1,167.95	1/4	810.20	1/4	454.25	1/4	132.60	1/4		1/4		1/4	
1/2	2,234.99	1/2	1,876.82	1/2	1,518.65	1/2	1,160.49	1/2	802.75	1/2	447.11	1/2	126.41	1/2		1/2		1/2	
3/4	2,227.52	3/4	1,869.36	3/4	1,511.19	3/4	1,153.02	3/4	795.30	3/4	439.98	3/4	120.22	3/4		3/4		3/4	
11	2,220.06	11	1,861.90	11	1,503.73	11	1,145.56	11	787.85	11	432.84	11	114.03	11		11		11	
1/4	2,212.60	1/4	1,854.43	1/4	1,496.27	1/4	1,138.10	1/4	780.40	1/4	425.71	1/4	107.84	1/4		1/4		1/4	
1/2	2,205.14	1/2	1,846.97	1/2	1,488.81	1/2	1,130.64	1/2	772.95	1/2	418.65	1/2	101.73	1/2		1/2		1/2	
3/4	2,197.68	3/4	1,839.51	3/4	1,481.34	3/4	1,123.18	3/4	765.50	3/4	411.60	3/4	95.62	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

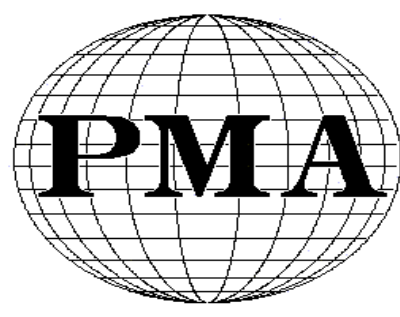
STRAPPED: 01/30/2014
VERIFIED: 02/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "HTCO 3122"

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	2,619.58	0	2,260.50	0	1,901.42	0	1,542.33	0	1,183.53	0	838.21	0	479.45	0	120.37	0		0	
1/4	2,612.10	1/4	2,253.02	1/4	1,893.94	1/4	1,534.85	1/4	1,176.19	1/4	830.89	1/4	471.96	1/4	112.89	1/4		1/4	
1/2	2,604.62	1/2	2,245.54	1/2	1,886.46	1/2	1,527.37	1/2	1,168.85	1/2	823.56	1/2	464.48	1/2	105.41	1/2		1/2	
3/4	2,597.14	3/4	2,238.06	3/4	1,878.97	3/4	1,519.89	3/4	1,161.65	3/4	816.08	3/4	457.00	3/4	97.93	3/4		3/4	
1	2,589.66	1	2,230.58	1	1,871.49	1	1,512.41	1	1,154.46	1	808.60	1	449.52	1	90.45	1		1	
1/4	2,582.18	1/4	2,223.10	1/4	1,864.01	1/4	1,504.93	1/4	1,147.26	1/4	801.12	1/4	442.04	1/4	82.97	1/4		1/4	
1/2	2,574.70	1/2	2,215.61	1/2	1,856.53	1/2	1,497.45	1/2	1,140.06	1/2	793.63	1/2	434.56	1/2	75.49	1/2		1/2	
3/4	2,567.22	3/4	2,208.13	3/4	1,849.05	3/4	1,489.97	3/4	1,132.87	3/4	786.15	3/4	427.08	3/4	68.47	3/4		3/4	
2	2,559.74	2	2,200.65	2	1,841.57	2	1,482.49	2	1,125.68	2	778.67	2	419.60	2	61.46	2		2	
1/4	2,552.26	1/4	2,193.17	1/4	1,834.09	1/4	1,475.01	1/4	1,118.48	1/4	771.19	1/4	412.12	1/4	54.45	1/4		1/4	
1/2	2,544.77	1/2	2,185.69	1/2	1,826.61	1/2	1,467.52	1/2	1,111.29	1/2	763.71	1/2	404.64	1/2	47.44	1/2		1/2	
3/4	2,537.29	3/4	2,178.21	3/4	1,819.13	3/4	1,460.04	3/4	1,104.11	3/4	756.23	3/4	397.16	3/4	41.82	3/4		3/4	
3	2,529.81	3	2,170.73	3	1,811.65	3	1,452.56	3	1,096.92	3	748.75	3	389.68	3	36.21	3		3	
1/4	2,522.33	1/4	2,163.25	1/4	1,804.17	1/4	1,445.08	1/4	1,089.74	1/4	741.27	1/4	382.20	1/4	30.60	1/4		1/4	
1/2	2,514.85	1/2	2,155.77	1/2	1,796.68	1/2	1,437.60	1/2	1,082.56	1/2	733.79	1/2	374.72	1/2	24.99	1/2		1/2	
3/4	2,507.37	3/4	2,148.29	3/4	1,789.20	3/4	1,430.12	3/4	1,075.37	3/4	726.31	3/4	367.23	3/4	20.94	3/4		3/4	
4	2,499.89	4	2,140.81	4	1,781.72	4	1,422.64	4	1,068.19	4	718.83	4	359.75	4		4		4	
1/4	2,492.41	1/4	2,133.32	1/4	1,774.24	1/4	1,415.16	1/4	1,061.01	1/4	711.35	1/4	352.27	1/4		1/4		1/4	
1/2	2,484.93	1/2	2,125.84	1/2	1,766.76	1/2	1,407.68	1/2	1,053.83	1/2	703.87	1/2	344.79	1/2		1/2		1/2	
3/4	2,477.45	3/4	2,118.36	3/4	1,759.28	3/4	1,400.20	3/4	1,046.66	3/4	696.39	3/4	337.31	3/4		3/4		3/4	
5	2,469.97	5	2,110.88	5	1,751.80	5	1,392.72	5	1,039.48	5	688.90	5	329.83	5		5		5	
1/4	2,462.48	1/4	2,103.40	1/4	1,744.32	1/4	1,385.23	1/4	1,032.30	1/4	681.42	1/4	322.35	1/4		1/4		1/4	
1/2	2,455.00	1/2	2,095.92	1/2	1,736.84	1/2	1,377.75	1/2	1,025.12	1/2	673.94	1/2	314.87	1/2		1/2		1/2	
3/4	2,447.52	3/4	2,088.44	3/4	1,729.36	3/4	1,370.27	3/4	1,017.95	3/4	666.46	3/4	307.39	3/4		3/4		3/4	
6	2,440.04	6	2,080.96	6	1,721.88	6	1,362.79	6	1,010.77	6	658.98	6	299.91	6		6		6	
1/4	2,432.56	1/4	2,073.48	1/4	1,714.39	1/4	1,355.31	1/4	1,003.59	1/4	651.50	1/4	292.43	1/4		1/4		1/4	
1/2	2,425.08	1/2	2,066.00	1/2	1,706.91	1/2	1,347.83	1/2	996.42	1/2	644.02	1/2	284.95	1/2		1/2		1/2	
3/4	2,417.60	3/4	2,058.52	3/4	1,699.43	3/4	1,340.35	3/4	989.24	3/4	636.54	3/4	277.47	3/4		3/4		3/4	
7	2,410.12	7	2,051.03	7	1,691.95	7	1,332.87	7	982.06	7	629.06	7	269.99	7		7		7	
1/4	2,402.64	1/4	2,043.55	1/4	1,684.47	1/4	1,325.39	1/4	974.88	1/4	621.58	1/4	262.50	1/4		1/4		1/4	
1/2	2,395.16	1/2	2,036.07	1/2	1,676.99	1/2	1,317.91	1/2	967.71	1/2	614.10	1/2	255.02	1/2		1/2		1/2	
3/4	2,387.68	3/4	2,028.59	3/4	1,669.51	3/4	1,310.43	3/4	960.53	3/4	606.62	3/4	247.54	3/4		3/4		3/4	
8	2,380.19	8	2,021.11	8	1,662.03	8	1,302.94	8	953.35	8	599.14	8	240.06	8		8		8	
1/4	2,372.71	1/4	2,013.63	1/4	1,654.55	1/4	1,295.46	1/4	946.17	1/4	591.66	1/4	232.58	1/4		1/4		1/4	
1/2	2,365.23	1/2	2,006.15	1/2	1,647.07	1/2	1,287.98	1/2	939.00	1/2	584.18	1/2	225.10	1/2		1/2		1/2	
3/4	2,357.75	3/4	1,998.67	3/4	1,639.59	3/4	1,280.50	3/4	931.82	3/4	576.69	3/4	217.62	3/4		3/4		3/4	
9	2,350.27	9	1,991.19	9	1,632.10	9	1,273.02	9	924.64	9	569.21	9	210.14	9		9		9	
1/4	2,342.79	1/4	1,983.71	1/4	1,624.62	1/4	1,265.54	1/4	917.47	1/4	561.73	1/4	202.66	1/4		1/4		1/4	
1/2	2,335.31	1/2	1,976.23	1/2	1,617.14	1/2	1,258.06	1/2	910.29	1/2	554.25	1/2	195.18	1/2		1/2		1/2	
3/4	2,327.83	3/4	1,968.74	3/4	1,609.66	3/4	1,250.58	3/4	903.11	3/4	546.77	3/4	187.70	3/4		3/4		3/4	
10	2,320.35	10	1,961.26	10	1,602.18	10	1,243.10	10	895.93	10	539.29	10	180.22	10		10		10	
1/4	2,312.87	1/4	1,953.78	1/4	1,594.70	1/4	1,235.62	1/4	888.76	1/4	531.81	1/4	172.74	1/4		1/4		1/4	
1/2	2,305.39	1/2	1,946.30	1/2	1,587.22	1/2	1,228.14	1/2	881.58	1/2	524.33	1/2	165.26	1/2		1/2		1/2	
3/4	2,297.90	3/4	1,938.82	3/4	1,579.74	3/4	1,220.65	3/4	874.40	3/4	516.85	3/4	157.78	3/4		3/4		3/4	
11	2,290.42	11	1,931.34	11	1,572.26	11	1,213.17	11	867.23	11	509.37	11	150.29	11		11		11	
1/4	2,282.94	1/4	1,923.86	1/4	1,564.78	1/4	1,205.69	1/4	860.05	1/4	501.89	1/4	142.81	1/4		1/4		1/4	
1/2	2,275.46	1/2	1,916.38	1/2	1,557.30	1/2	1,198.21	1/2	852.87	1/2	494.41	1/2	135.33	1/2		1/2		1/2	
3/4	2,267.98	3/4	1,908.90	3/4	1,549.81	3/4	1,190.73	3/4	845.54	3/4	486.93	3/4	127.85	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014
VERIFIED: 02/05/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "HTCO 3122"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,771.56	0	4,413.87	0	4,054.94	0	3,695.96	0	3,336.99	0	2,978.00
1/4		1/4		1/4		1/4		1/4	4,764.15	1/4	4,406.40	1/4	4,047.46	1/4	3,688.48	1/4	3,329.51	1/4	2,970.52
1/2		1/2		1/2		1/2		1/2	4,756.73	1/2	4,398.94	1/2	4,039.98	1/2	3,681.01	1/2	3,322.03	1/2	2,963.03
3/4		3/4		3/4		3/4		3/4	5,093.69	3/4	4,749.31	3/4	4,391.47	3/4	4,032.50	3/4	3,673.53	3/4	3,314.55
1		1		1		1		1	5,088.94	1	4,741.90	1	4,384.00	1	4,025.03	1	3,666.05	1	3,307.07
1/4		1/4		1/4		1/4		1/4	5,083.12	1/4	4,734.46	1/4	4,376.52	1/4	4,017.55	1/4	3,658.57	1/4	3,299.59
1/2		1/2		1/2		1/2		1/2	5,077.31	1/2	4,727.02	1/2	4,369.05	1/2	4,010.07	1/2	3,651.09	1/2	3,292.11
3/4		3/4		3/4		3/4		3/4	5,071.49	3/4	4,719.59	3/4	4,361.57	3/4	4,002.59	3/4	3,643.61	3/4	3,284.63
2		2		2		2		2	5,065.67	2	4,712.15	2	4,354.09	2	3,995.11	2	3,636.13	2	3,277.16
1/4		1/4		1/4		1/4		1/4	5,058.85	1/4	4,704.69	1/4	4,346.61	1/4	3,987.63	1/4	3,628.65	1/4	3,269.68
1/2		1/2		1/2		1/2		1/2	5,052.03	1/2	4,697.24	1/2	4,339.13	1/2	3,980.15	1/2	3,621.18	1/2	3,262.20
3/4		3/4		3/4		3/4		3/4	5,045.21	3/4	4,689.78	3/4	4,331.65	3/4	3,972.67	3/4	3,613.70	3/4	3,254.72
3		3		3		3		3	5,038.39	3	4,682.32	3	4,324.17	3	3,965.20	3	3,606.22	3	3,247.24
1/4		1/4		1/4		1/4		1/4	5,031.04	1/4	4,674.86	1/4	4,316.69	1/4	3,957.72	1/4	3,598.74	1/4	3,239.76
1/2		1/2		1/2		1/2		1/2	5,023.68	1/2	4,667.41	1/2	4,309.22	1/2	3,950.24	1/2	3,591.26	1/2	3,232.28
3/4		3/4		3/4		3/4		3/4	5,016.33	3/4	4,659.95	3/4	4,301.74	3/4	3,942.76	3/4	3,583.78	3/4	3,224.80
4		4		4		4		4	5,008.97	4	4,652.49	4	4,294.26	4	3,935.28	4	3,576.30	4	3,217.33
1/4		1/4		1/4		1/4		1/4	5,001.55	1/4	4,645.04	1/4	4,286.78	1/4	3,927.80	1/4	3,568.82	1/4	3,209.85
1/2		1/2		1/2		1/2		1/2	4,994.13	1/2	4,637.58	1/2	4,279.30	1/2	3,920.32	1/2	3,561.35	1/2	3,202.37
3/4		3/4		3/4		3/4		3/4	4,986.71	3/4	4,630.12	3/4	4,271.82	3/4	3,912.85	3/4	3,553.87	3/4	3,194.89
5		5		5		5		5	4,979.29	5	4,622.67	5	4,264.34	5	3,905.37	5	3,546.39	5	3,187.41
1/4		1/4		1/4		1/4		1/4	4,971.87	1/4	4,615.21	1/4	4,256.87	1/4	3,897.89	1/4	3,538.91	1/4	3,179.93
1/2		1/2		1/2		1/2		1/2	4,964.44	1/2	4,607.75	1/2	4,249.39	1/2	3,890.41	1/2	3,531.43	1/2	3,172.45
3/4		3/4		3/4		3/4		3/4	4,957.02	3/4	4,600.29	3/4	4,241.91	3/4	3,882.93	3/4	3,523.95	3/4	3,164.98
6		6		6		6		6	4,949.60	6	4,592.84	6	4,234.43	6	3,875.45	6	3,516.47	6	3,157.50
1/4		1/4		1/4		1/4		1/4	4,942.18	1/4	4,585.38	1/4	4,226.95	1/4	3,867.97	1/4	3,509.00	1/4	3,150.02
1/2		1/2		1/2		1/2		1/2	4,934.76	1/2	4,577.92	1/2	4,219.47	1/2	3,860.49	1/2	3,501.52	1/2	3,142.54
3/4		3/4		3/4		3/4		3/4	4,927.34	3/4	4,570.47	3/4	4,211.99	3/4	3,853.02	3/4	3,494.04	3/4	3,135.06
7		7		7		7		7	4,919.92	7	4,563.01	7	4,204.51	7	3,845.54	7	3,486.56	7	3,127.58
1/4		1/4		1/4		1/4		1/4	4,912.50	1/4	4,555.55	1/4	4,197.04	1/4	3,838.06	1/4	3,479.08	1/4	3,120.10
1/2		1/2		1/2		1/2		1/2	4,905.08	1/2	4,548.10	1/2	4,189.56	1/2	3,830.58	1/2	3,471.60	1/2	3,112.62
3/4		3/4		3/4		3/4		3/4	4,897.66	3/4	4,540.64	3/4	4,182.08	3/4	3,823.10	3/4	3,464.12	3/4	3,105.15
8		8		8		8		8	4,890.24	8	4,533.18	8	4,174.60	8	3,815.62	8	3,456.64	8	3,097.67
1/4		1/4		1/4		1/4		1/4	4,882.82	1/4	4,525.72	1/4	4,167.12	1/4	3,808.14	1/4	3,449.17	1/4	3,090.19
1/2		1/2		1/2		1/2		1/2	4,875.41	1/2	4,518.27	1/2	4,159.64	1/2	3,800.66	1/2	3,441.69	1/2	3,082.71
3/4		3/4		3/4		3/4		3/4	4,867.99	3/4	4,510.81	3/4	4,152.16	3/4	3,793.19	3/4	3,434.21	3/4	3,075.23
9		9		9		9		9	4,860.57	9	4,503.35	9	4,144.68	9	3,785.71	9	3,426.73	9	3,067.75
1/4		1/4		1/4		1/4		1/4	4,853.15	1/4	4,495.90	1/4	4,137.21	1/4	3,778.23	1/4	3,419.25	1/4	3,060.27
1/2		1/2		1/2		1/2		1/2	4,845.74	1/2	4,488.44	1/2	4,129.73	1/2	3,770.75	1/2	3,411.77	1/2	3,052.79
3/4		3/4		3/4		3/4		3/4	4,838.32	3/4	4,480.98	3/4	4,122.25	3/4	3,763.27	3/4	3,404.29	3/4	3,045.32
10		10		10		10		10	4,830.90	10	4,473.53	10	4,114.77	10	3,755.79	10	3,396.81	10	3,037.84
1/4		1/4		1/4		1/4		1/4	4,823.49	1/4	4,466.07	1/4	4,107.29	1/4	3,748.31	1/4	3,389.34	1/4	3,030.36
1/2		1/2		1/2		1/2		1/2	4,816.07	1/2	4,458.61	1/2	4,099.81	1/2	3,740.84	1/2	3,381.86	1/2	3,022.88
3/4		3/4		3/4		3/4		3/4	4,808.65	3/4	4,451.15	3/4	4,092.33	3/4	3,733.36	3/4	3,374.38	3/4	3,015.40
11		11		11		11		11	4,801.23	11	4,443.70	11	4,084.86	11	3,725.88	11	3,366.90	11	3,007.92
1/4		1/4		1/4		1/4		1/4	4,793.82	1/4	4,436.24	1/4	4,077.38	1/4	3,718.40	1/4	3,359.42	1/4	3,000.44
1/2		1/2		1/2		1/2		1/2	4,786.40	1/2	4,428.78	1/2	4,069.90	1/2	3,710.92	1/2	3,351.94	1/2	2,992.96
3/4		3/4		3/4		3/4		3/4	4,778.98	3/4	4,421.33	3/4	4,062.42	3/4	3,703.44	3/4	3,344.46	3/4	2,985.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3122"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,618.83	0	2,259.66	0	1,900.49	0	1,541.32	0	1,182.15	0	823.44	0	464.28	0	105.12	0		0	
1/4	2,611.35	1/4	2,252.18	1/4	1,893.01	1/4	1,533.84	1/4	1,174.67	1/4	815.96	1/4	456.80	1/4	97.64	1/4		1/4	
1/2	2,603.86	1/2	2,244.69	1/2	1,885.53	1/2	1,526.36	1/2	1,167.19	1/2	808.48	1/2	449.32	1/2	90.16	1/2		1/2	
3/4	2,596.38	3/4	2,237.21	3/4	1,878.04	3/4	1,518.87	3/4	1,159.70	3/4	801.00	3/4	441.84	3/4	82.68	3/4		3/4	
1	2,588.90	1	2,229.73	1	1,870.56	1	1,511.39	1	1,152.22	1	793.51	1	434.35	1	75.19	1		1	
1/4	2,581.42	1/4	2,222.25	1/4	1,863.08	1/4	1,503.91	1/4	1,144.74	1/4	786.03	1/4	426.87	1/4	68.18	1/4		1/4	
1/2	2,573.93	1/2	2,214.76	1/2	1,855.59	1/2	1,496.42	1/2	1,137.26	1/2	778.55	1/2	419.39	1/2	61.16	1/2		1/2	
3/4	2,566.45	3/4	2,207.28	3/4	1,848.11	3/4	1,488.94	3/4	1,129.78	3/4	771.07	3/4	411.91	3/4	54.15	3/4		3/4	
2	2,558.97	2	2,199.80	2	1,840.63	2	1,481.46	2	1,122.30	2	763.58	2	404.42	2	47.14	2		2	
1/4	2,551.49	1/4	2,192.32	1/4	1,833.15	1/4	1,473.98	1/4	1,114.82	1/4	756.10	1/4	396.94	1/4	41.52	1/4		1/4	
1/2	2,544.00	1/2	2,184.83	1/2	1,825.66	1/2	1,466.49	1/2	1,107.35	1/2	748.62	1/2	389.46	1/2	35.91	1/2		1/2	
3/4	2,536.52	3/4	2,177.35	3/4	1,818.18	3/4	1,459.01	3/4	1,099.87	3/4	741.14	3/4	381.98	3/4	30.30	3/4		3/4	
3	2,529.04	3	2,169.87	3	1,810.70	3	1,451.53	3	1,092.39	3	733.65	3	374.49	3	24.69	3		3	
1/4	2,521.55	1/4	2,162.39	1/4	1,803.22	1/4	1,444.05	1/4	1,084.92	1/4	726.17	1/4	367.01	1/4	20.94	1/4		1/4	
1/2	2,514.07	1/2	2,154.90	1/2	1,795.73	1/2	1,436.56	1/2	1,077.45	1/2	718.69	1/2	359.53	1/2		1/2		1/2	
3/4	2,506.59	3/4	2,147.42	3/4	1,788.25	3/4	1,429.08	3/4	1,069.97	3/4	711.21	3/4	352.05	3/4		3/4		3/4	
4	2,499.11	4	2,139.94	4	1,780.77	4	1,421.60	4	1,062.50	4	703.72	4	344.56	4		4		4	
1/4	2,491.62	1/4	2,132.45	1/4	1,773.28	1/4	1,414.12	1/4	1,055.03	1/4	696.24	1/4	337.08	1/4		1/4		1/4	
1/2	2,484.14	1/2	2,124.97	1/2	1,765.80	1/2	1,406.63	1/2	1,047.56	1/2	688.76	1/2	329.60	1/2		1/2		1/2	
3/4	2,476.66	3/4	2,117.49	3/4	1,758.32	3/4	1,399.15	3/4	1,040.09	3/4	681.28	3/4	322.12	3/4		3/4		3/4	
5	2,469.18	5	2,110.01	5	1,750.84	5	1,391.67	5	1,032.62	5	673.79	5	314.63	5		5		5	
1/4	2,461.69	1/4	2,102.52	1/4	1,743.35	1/4	1,384.18	1/4	1,025.15	1/4	666.31	1/4	307.15	1/4		1/4		1/4	
1/2	2,454.21	1/2	2,095.04	1/2	1,735.87	1/2	1,376.70	1/2	1,017.68	1/2	658.83	1/2	299.67	1/2		1/2		1/2	
3/4	2,446.73	3/4	2,087.56	3/4	1,728.39	3/4	1,369.22	3/4	1,010.21	3/4	651.35	3/4	292.19	3/4		3/4		3/4	
6	2,439.25	6	2,080.08	6	1,720.91	6	1,361.74	6	1,002.74	6	643.86	6	284.70	6		6		6	
1/4	2,431.76	1/4	2,072.59	1/4	1,713.42	1/4	1,354.25	1/4	995.27	1/4	636.38	1/4	277.22	1/4		1/4		1/4	
1/2	2,424.28	1/2	2,065.11	1/2	1,705.94	1/2	1,346.77	1/2	987.80	1/2	628.90	1/2	269.74	1/2		1/2		1/2	
3/4	2,416.80	3/4	2,057.63	3/4	1,698.46	3/4	1,339.29	3/4	980.33	3/4	621.42	3/4	262.26	3/4		3/4		3/4	
7	2,409.31	7	2,050.14	7	1,690.98	7	1,331.81	7	972.86	7	613.93	7	254.77	7		7		7	
1/4	2,401.83	1/4	2,042.66	1/4	1,683.49	1/4	1,324.32	1/4	965.39	1/4	606.45	1/4	247.29	1/4		1/4		1/4	
1/2	2,394.35	1/2	2,035.18	1/2	1,676.01	1/2	1,316.84	1/2	957.92	1/2	598.97	1/2	239.81	1/2		1/2		1/2	
3/4	2,386.87	3/4	2,027.70	3/4	1,668.53	3/4	1,309.36	3/4	950.45	3/4	591.49	3/4	232.33	3/4		3/4		3/4	
8	2,379.38	8	2,020.21	8	1,661.04	8	1,301.87	8	942.98	8	584.00	8	224.84	8		8		8	
1/4	2,371.90	1/4	2,012.73	1/4	1,653.56	1/4	1,294.39	1/4	935.51	1/4	576.52	1/4	217.36	1/4		1/4		1/4	
1/2	2,364.42	1/2	2,005.25	1/2	1,646.08	1/2	1,286.91	1/2	928.04	1/2	569.04	1/2	209.88	1/2		1/2		1/2	
3/4	2,356.94	3/4	1,997.77	3/4	1,638.60	3/4	1,279.43	3/4	920.57	3/4	561.56	3/4	202.40	3/4		3/4		3/4	
9	2,349.45	9	1,990.28	9	1,631.11	9	1,271.94	9	913.10	9	554.07	9	194.91	9		9		9	
1/4	2,341.97	1/4	1,982.80	1/4	1,623.63	1/4	1,264.46	1/4	905.63	1/4	546.59	1/4	187.43	1/4		1/4		1/4	
1/2	2,334.49	1/2	1,975.32	1/2	1,616.15	1/2	1,256.98	1/2	898.16	1/2	539.11	1/2	179.95	1/2		1/2		1/2	
3/4	2,327.00	3/4	1,967.84	3/4	1,608.67	3/4	1,249.50	3/4	890.69	3/4	531.63	3/4	172.47	3/4		3/4		3/4	
10	2,319.52	10	1,960.35	10	1,601.18	10	1,242.01	10	883.23	10	524.14	10	164.98	10		10		10	
1/4	2,312.04	1/4	1,952.87	1/4	1,593.70	1/4	1,234.53	1/4	875.76	1/4	516.66	1/4	157.50	1/4		1/4		1/4	
1/2	2,304.56	1/2	1,945.39	1/2	1,586.22	1/2	1,227.05	1/2	868.29	1/2	509.18	1/2	150.02	1/2		1/2		1/2	
3/4	2,297.07	3/4	1,937.90	3/4	1,578.73	3/4	1,219.57	3/4	860.82	3/4	501.70	3/4	142.54	3/4		3/4		3/4	
11	2,289.59	11	1,930.42	11	1,571.25	11	1,212.08	11	853.35	11	494.21	11	135.05	11		11		11	
1/4	2,282.11	1/4	1,922.94	1/4	1,563.77	1/4	1,204.60	1/4	845.87	1/4	486.73	1/4	127.57	1/4		1/4		1/4	
1/2	2,274.63	1/2	1,915.46	1/2	1,556.29	1/2	1,197.12	1/2	838.40	1/2	479.25	1/2	120.09	1/2		1/2		1/2	
3/4	2,267.14	3/4	1,907.97	3/4	1,548.80	3/4	1,189.63	3/4	830.92	3/4	471.77	3/4	112.61	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014
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 3122"

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	4,375.52	0	4,129.25	0	3,882.14	0	3,634.99	0	3,308.71	0	2,952.41
1/4		1/4		1/4		1/4		1/4	4,370.41	1/4	4,124.12	1/4	3,876.99	1/4	3,629.84	1/4	3,301.30	1/4	2,944.99
1/2		1/2		1/2		1/2		1/2	4,365.31	1/2	4,118.98	1/2	3,871.85	1/2	3,624.69	1/2	3,293.90	1/2	2,937.56
3/4		3/4		3/4		3/4		3/4	4,360.20	3/4	4,113.84	3/4	3,866.70	3/4	3,619.54	3/4	3,286.49	3/4	2,930.13
1		1		1		1	4,588.60	1	4,355.09	1	4,108.69	1	3,861.55	1	3,614.40	1	3,279.09	1	2,922.70
1/4		1/4		1/4		1/4	4,586.15	1/4	4,349.99	1/4	4,103.55	1/4	3,856.40	1/4	3,609.25	1/4	3,271.68	1/4	2,915.27
1/2		1/2		1/2		1/2	4,582.64	1/2	4,344.86	1/2	4,098.40	1/2	3,851.25	1/2	3,604.10	1/2	3,264.27	1/2	2,907.85
3/4		3/4		3/4		3/4	4,579.13	3/4	4,339.74	3/4	4,093.25	3/4	3,846.10	3/4	3,598.95	3/4	3,256.85	3/4	2,900.42
2		2		2		2	4,575.61	2	4,334.62	2	4,088.10	2	3,840.95	2	3,593.80	2	3,249.43	2	2,892.99
1/4		1/4		1/4		1/4	4,572.10	1/4	4,329.50	1/4	4,082.95	1/4	3,835.80	1/4	3,588.65	1/4	3,242.02	1/4	2,885.56
1/2		1/2		1/2		1/2	4,567.59	1/2	4,324.37	1/2	4,077.81	1/2	3,830.65	1/2	3,582.93	1/2	3,234.59	1/2	2,878.13
3/4		3/4		3/4		3/4	4,563.08	3/4	4,319.23	3/4	4,072.66	3/4	3,825.50	3/4	3,577.20	3/4	3,227.17	3/4	2,870.70
3		3		3		3	4,558.57	3	4,314.10	3	4,067.51	3	3,820.36	3	3,571.48	3	3,219.74	3	2,863.27
1/4		1/4		1/4		1/4	4,554.06	1/4	4,308.96	1/4	4,062.36	1/4	3,815.21	1/4	3,565.76	1/4	3,212.32	1/4	2,855.85
1/2		1/2		1/2		1/2	4,549.01	1/2	4,303.83	1/2	4,057.21	1/2	3,810.06	1/2	3,558.90	1/2	3,204.89	1/2	2,848.42
3/4		3/4		3/4		3/4	4,543.97	3/4	4,298.69	3/4	4,052.06	3/4	3,804.91	3/4	3,552.04	3/4	3,197.46	3/4	2,840.99
4		4		4		4	4,538.93	4	4,293.56	4	4,046.91	4	3,799.76	4	3,545.19	4	3,190.04	4	2,833.56
1/4		1/4		1/4		1/4	4,533.88	1/4	4,288.42	1/4	4,041.76	1/4	3,794.61	1/4	3,538.33	1/4	3,182.61	1/4	2,826.13
1/2		1/2		1/2		1/2	4,528.77	1/2	4,283.29	1/2	4,036.61	1/2	3,789.46	1/2	3,530.91	1/2	3,175.19	1/2	2,818.70
3/4		3/4		3/4		3/4	4,523.66	3/4	4,278.16	3/4	4,031.46	3/4	3,784.31	3/4	3,523.50	3/4	3,167.76	3/4	2,811.28
5		5		5		5	4,518.55	5	4,273.02	5	4,026.32	5	3,779.16	5	3,516.08	5	3,160.34	5	2,803.85
1/4		1/4		1/4		1/4	4,513.44	1/4	4,267.89	1/4	4,021.17	1/4	3,774.01	1/4	3,508.66	1/4	3,152.91	1/4	2,796.42
1/2		1/2		1/2		1/2	4,508.33	1/2	4,262.75	1/2	4,016.02	1/2	3,768.87	1/2	3,501.25	1/2	3,145.49	1/2	2,788.99
3/4		3/4		3/4		3/4	4,503.22	3/4	4,257.62	3/4	4,010.87	3/4	3,763.72	3/4	3,493.84	3/4	3,138.06	3/4	2,781.56
6		6		6		6	4,498.11	6	4,252.48	6	4,005.72	6	3,758.57	6	3,486.43	6	3,130.63	6	2,774.13
1/4		1/4		1/4		1/4	4,493.00	1/4	4,247.35	1/4	4,000.57	1/4	3,753.42	1/4	3,479.02	1/4	3,123.21	1/4	2,766.71
1/2		1/2		1/2		1/2	4,487.89	1/2	4,242.21	1/2	3,995.42	1/2	3,748.27	1/2	3,471.62	1/2	3,115.78	1/2	2,759.28
3/4		3/4		3/4		3/4	4,482.78	3/4	4,237.08	3/4	3,990.27	3/4	3,743.12	3/4	3,464.21	3/4	3,108.36	3/4	2,751.85
7		7		7		7	4,477.67	7	4,231.94	7	3,985.12	7	3,737.97	7	3,456.81	7	3,100.93	7	2,744.42
1/4		1/4		1/4		1/4	4,472.56	1/4	4,226.81	1/4	3,979.97	1/4	3,732.82	1/4	3,449.40	1/4	3,093.51	1/4	2,736.99
1/2		1/2		1/2		1/2	4,467.45	1/2	4,221.68	1/2	3,974.83	1/2	3,727.67	1/2	3,442.00	1/2	3,086.08	1/2	2,729.56
3/4		3/4		3/4		3/4	4,462.35	3/4	4,216.54	3/4	3,969.68	3/4	3,722.52	3/4	3,434.59	3/4	3,078.65	3/4	2,722.14
8		8		8		8	4,457.24	8	4,211.41	8	3,964.53	8	3,717.38	8	3,427.19	8	3,071.23	8	2,714.71
1/4		1/4		1/4		1/4	4,452.13	1/4	4,206.27	1/4	3,959.38	1/4	3,712.23	1/4	3,419.78	1/4	3,063.80	1/4	2,707.28
1/2		1/2		1/2		1/2	4,447.02	1/2	4,201.14	1/2	3,954.23	1/2	3,707.08	1/2	3,412.38	1/2	3,056.38	1/2	2,699.85
3/4		3/4		3/4		3/4	4,441.92	3/4	4,196.00	3/4	3,949.08	3/4	3,701.93	3/4	3,404.97	3/4	3,048.95	3/4	2,692.42
9		9		9		9	4,436.81	9	4,190.87	9	3,943.93	9	3,696.78	9	3,397.57	9	3,041.53	9	2,684.99
1/4		1/4		1/4		1/4	4,431.70	1/4	4,185.73	1/4	3,938.78	1/4	3,691.63	1/4	3,390.16	1/4	3,034.10	1/4	2,677.56
1/2		1/2		1/2		1/2	4,426.59	1/2	4,180.60	1/2	3,933.63	1/2	3,686.48	1/2	3,382.76	1/2	3,026.67	1/2	2,670.14
3/4		3/4		3/4		3/4	4,421.49	3/4	4,175.47	3/4	3,928.48	3/4	3,681.33	3/4	3,375.35	3/4	3,019.25	3/4	2,662.71
10		10		10		10	4,416.38	10	4,170.33	10	3,923.34	10	3,676.18	10	3,367.95	10	3,011.82	10	2,655.28
1/4		1/4		1/4		1/4	4,411.27	1/4	4,165.20	1/4	3,918.19	1/4	3,671.03	1/4	3,360.54	1/4	3,004.40	1/4	2,647.85
1/2		1/2		1/2		1/2	4,406.17	1/2	4,160.06	1/2	3,913.04	1/2	3,665.89	1/2	3,353.14	1/2	2,996.97	1/2	2,640.42
3/4		3/4		3/4		3/4	4,401.06	3/4	4,154.93	3/4	3,907.89	3/4	3,660.74	3/4	3,345.73	3/4	2,989.55	3/4	2,632.99
11		11		11		11	4,395.95	11	4,149.79	11	3,902.74	11	3,655.59	11	3,338.33	11	2,982.12	11	2,625.57
1/4		1/4		1/4		1/4	4,390.84	1/4	4,144.66	1/4	3,897.59	1/4	3,650.44	1/4	3,330.92	1/4	2,974.69	1/4	2,618.14
1/2		1/2		1/2		1/2	4,385.74	1/2	4,139.52	1/2	3,892.44	1/2	3,645.29	1/2	3,323.52	1/2	2,967.27	1/2	2,610.71
3/4		3/4		3/4		3/4	4,380.63	3/4	4,134.39	3/4	3,887.29	3/4	3,640.14	3/4	3,316.11	3/4	2,959.84	3/4	2,603.27

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3122"

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	2,595.84	0	2,240.24	0	1,886.23	0	1,529.35	0	1,172.75	0	826.22	0	469.22	0	112.13	0		0	
1/4	2,588.41	1/4	2,232.85	1/4	1,878.83	1/4	1,521.92	1/4	1,165.42	1/4	818.89	1/4	461.78	1/4	104.68	1/4		1/4	
1/2	2,580.97	1/2	2,225.48	1/2	1,871.39	1/2	1,514.48	1/2	1,158.20	1/2	811.45	1/2	454.34	1/2	97.23	1/2		1/2	
3/4	2,573.54	3/4	2,218.11	3/4	1,863.96	3/4	1,507.05	3/4	1,150.97	3/4	804.01	3/4	446.91	3/4	89.78	3/4		3/4	
1	2,566.10	1	2,210.73	1	1,856.52	1	1,499.61	1	1,143.75	1	796.57	1	439.47	1	82.33	1		1	
1/4	2,558.67	1/4	2,203.36	1/4	1,849.09	1/4	1,492.17	1/4	1,136.52	1/4	789.13	1/4	432.03	1/4	74.89	1/4		1/4	
1/2	2,551.23	1/2	2,195.99	1/2	1,841.65	1/2	1,484.74	1/2	1,129.30	1/2	781.69	1/2	424.59	1/2	67.90	1/2		1/2	
3/4	2,543.80	3/4	2,188.62	3/4	1,834.22	3/4	1,477.30	3/4	1,122.08	3/4	774.26	3/4	417.15	3/4	60.91	3/4		3/4	
2	2,536.36	2	2,181.24	2	1,826.78	2	1,469.87	2	1,114.86	2	766.82	2	409.71	2	53.93	2		2	
1/4	2,528.92	1/4	2,173.87	1/4	1,819.34	1/4	1,462.43	1/4	1,107.64	1/4	759.38	1/4	402.27	1/4	46.94	1/4		1/4	
1/2	2,521.49	1/2	2,166.50	1/2	1,811.91	1/2	1,455.00	1/2	1,100.43	1/2	751.94	1/2	394.84	1/2	41.35	1/2		1/2	
3/4	2,514.05	3/4	2,159.12	3/4	1,804.47	3/4	1,447.56	3/4	1,093.22	3/4	744.50	3/4	387.40	3/4	35.76	3/4		3/4	
3	2,506.62	3	2,151.75	3	1,797.04	3	1,440.12	3	1,086.00	3	737.06	3	379.96	3	30.18	3		3	
1/4	2,499.18	1/4	2,144.38	1/4	1,789.60	1/4	1,432.69	1/4	1,078.79	1/4	729.62	1/4	372.52	1/4	24.59	1/4		1/4	
1/2	2,491.77	1/2	2,137.01	1/2	1,782.17	1/2	1,425.25	1/2	1,071.58	1/2	722.18	1/2	365.08	1/2	20.86	1/2		1/2	
3/4	2,484.35	3/4	2,129.63	3/4	1,774.73	3/4	1,417.82	3/4	1,064.37	3/4	714.74	3/4	357.64	3/4		3/4		3/4	
4	2,476.93	4	2,122.26	4	1,767.29	4	1,410.38	4	1,057.16	4	707.30	4	350.20	4		4		4	
1/4	2,469.52	1/4	2,114.89	1/4	1,759.86	1/4	1,402.95	1/4	1,049.95	1/4	699.86	1/4	342.76	1/4		1/4		1/4	
1/2	2,462.12	1/2	2,107.52	1/2	1,752.42	1/2	1,395.51	1/2	1,042.75	1/2	692.42	1/2	335.33	1/2		1/2		1/2	
3/4	2,454.72	3/4	2,100.14	3/4	1,744.99	3/4	1,388.07	3/4	1,035.54	3/4	684.98	3/4	327.89	3/4		3/4		3/4	
5	2,447.32	5	2,092.77	5	1,737.55	5	1,380.64	5	1,028.33	5	677.54	5	320.45	5		5		5	
1/4	2,439.93	1/4	2,085.40	1/4	1,730.12	1/4	1,373.20	1/4	1,021.13	1/4	670.10	1/4	313.01	1/4		1/4		1/4	
1/2	2,432.53	1/2	2,078.02	1/2	1,722.68	1/2	1,365.77	1/2	1,013.92	1/2	662.66	1/2	305.57	1/2		1/2		1/2	
3/4	2,425.13	3/4	2,070.65	3/4	1,715.24	3/4	1,358.33	3/4	1,006.72	3/4	655.22	3/4	298.13	3/4		3/4		3/4	
6	2,417.74	6	2,063.28	6	1,707.81	6	1,350.90	6	999.51	6	647.78	6	290.69	6		6		6	
1/4	2,410.34	1/4	2,055.91	1/4	1,700.37	1/4	1,343.46	1/4	992.30	1/4	640.34	1/4	283.26	1/4		1/4		1/4	
1/2	2,402.94	1/2	2,048.53	1/2	1,692.94	1/2	1,336.02	1/2	985.10	1/2	632.90	1/2	275.82	1/2		1/2		1/2	
3/4	2,395.54	3/4	2,041.16	3/4	1,685.50	3/4	1,328.59	3/4	977.89	3/4	625.46	3/4	268.38	3/4		3/4		3/4	
7	2,388.15	7	2,033.79	7	1,678.07	7	1,321.15	7	970.69	7	618.02	7	260.94	7		7		7	
1/4	2,380.75	1/4	2,026.41	1/4	1,670.63	1/4	1,313.72	1/4	963.48	1/4	610.58	1/4	253.50	1/4		1/4		1/4	
1/2	2,373.35	1/2	2,019.04	1/2	1,663.19	1/2	1,306.28	1/2	956.27	1/2	603.14	1/2	246.06	1/2		1/2		1/2	
3/4	2,365.95	3/4	2,011.67	3/4	1,655.76	3/4	1,298.85	3/4	949.07	3/4	595.70	3/4	238.62	3/4		3/4		3/4	
8	2,358.56	8	2,004.30	8	1,648.32	8	1,291.41	8	941.86	8	588.26	8	231.18	8		8		8	
1/4	2,351.16	1/4	1,996.92	1/4	1,640.89	1/4	1,283.97	1/4	934.66	1/4	580.82	1/4	223.74	1/4		1/4		1/4	
1/2	2,343.76	1/2	1,989.55	1/2	1,633.45	1/2	1,276.54	1/2	927.45	1/2	573.38	1/2	216.30	1/2		1/2		1/2	
3/4	2,336.37	3/4	1,982.18	3/4	1,626.02	3/4	1,269.10	3/4	920.25	3/4	565.94	3/4	208.87	3/4		3/4		3/4	
9	2,328.97	9	1,974.80	9	1,618.58	9	1,261.67	9	913.04	9	558.50	9	201.43	9		9		9	
1/4	2,321.57	1/4	1,967.43	1/4	1,611.14	1/4	1,254.23	1/4	905.83	1/4	551.06	1/4	193.99	1/4		1/4		1/4	
1/2	2,314.17	1/2	1,960.06	1/2	1,603.71	1/2	1,246.80	1/2	898.63	1/2	543.62	1/2	186.54	1/2		1/2		1/2	
3/4	2,306.78	3/4	1,952.69	3/4	1,596.27	3/4	1,239.36	3/4	891.42	3/4	536.18	3/4	179.10	3/4		3/4		3/4	
10	2,299.38	10	1,945.31	10	1,588.84	10	1,231.92	10	884.22	10	528.74	10	171.66	10		10		10	
1/4	2,291.98	1/4	1,937.94	1/4	1,581.40	1/4	1,224.49	1/4	877.01	1/4	521.30	1/4	164.22	1/4		1/4		1/4	
1/2	2,284.59	1/2	1,930.57	1/2	1,573.97	1/2	1,217.05	1/2	869.80	1/2	513.86	1/2	156.78	1/2		1/2		1/2	
3/4	2,277.19	3/4	1,923.20	3/4	1,566.53	3/4	1,209.62	3/4	862.60	3/4	506.42	3/4	149.34	3/4		3/4		3/4	
11	2,269.79	11	1,915.82	11	1,559.09	11	1,202.18	11	855.39	11	498.98	11	141.90	11		11		11	
1/4	2,262.39	1/4	1,908.45	1/4	1,551.66	1/4	1,194.75	1/4	848.19	1/4	491.54	1/4	134.46	1/4		1/4		1/4	
1/2	2,255.01	1/2	1,901.04	1/2	1,544.22	1/2	1,187.42	1/2	840.86	1/2	484.10	1/2	127.01	1/2		1/2		1/2	
3/4	2,247.62	3/4	1,893.64	3/4	1,536.79	3/4	1,180.08	3/4	833.54	3/4	476.66	3/4	119.57	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014
VERIFIED: 02/05/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "HTCO 3122"

3 STBD ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-03"

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	4,387.09	0	4,140.69	0	3,893.49	0	3,646.27	0	3,314.98	0	2,957.87
1/4		1/4		1/4		1/4		1/4	4,381.98	1/4	4,135.55	1/4	3,888.34	1/4	3,641.12	1/4	3,307.56	1/4	2,950.42
1/2		1/2		1/2		1/2	4,610.45	1/2	4,376.87	1/2	4,130.40	1/2	3,883.19	1/2	3,635.97	1/2	3,300.14	1/2	2,942.98
3/4		3/4		3/4		3/4	4,608.00	3/4	4,371.76	3/4	4,125.26	3/4	3,878.04	3/4	3,630.82	3/4	3,292.72	3/4	2,935.53
1		1		1		1	4,604.49	1	4,366.64	1	4,120.11	1	3,872.89	1	3,625.67	1	3,285.29	1	2,928.09
1/4		1/4		1/4		1/4	4,600.97	1/4	4,361.52	1/4	4,114.96	1/4	3,867.74	1/4	3,620.52	1/4	3,277.86	1/4	2,920.64
1/2		1/2		1/2		1/2	4,597.46	1/2	4,356.40	1/2	4,109.81	1/2	3,862.59	1/2	3,615.37	1/2	3,270.42	1/2	2,913.20
3/4		3/4		3/4		3/4	4,593.94	3/4	4,351.28	3/4	4,104.66	3/4	3,857.44	3/4	3,610.22	3/4	3,262.99	3/4	2,905.75
2		2		2		2	4,589.43	2	4,346.14	2	4,099.51	2	3,852.29	2	3,604.50	2	3,255.55	2	2,898.31
1/4		1/4		1/4		1/4	4,584.92	1/4	4,341.00	1/4	4,094.36	1/4	3,847.14	1/4	3,598.77	1/4	3,248.11	1/4	2,890.86
1/2		1/2		1/2		1/2	4,580.40	1/2	4,335.87	1/2	4,089.21	1/2	3,841.99	1/2	3,593.05	1/2	3,240.67	1/2	2,883.42
3/4		3/4		3/4		3/4	4,575.89	3/4	4,330.73	3/4	4,084.06	3/4	3,836.84	3/4	3,587.32	3/4	3,233.23	3/4	2,875.97
3		3		3		3	4,570.85	3	4,325.60	3	4,078.91	3	3,831.69	3	3,580.46	3	3,225.78	3	2,868.53
1/4		1/4		1/4		1/4	4,565.80	1/4	4,320.46	1/4	4,073.76	1/4	3,826.54	1/4	3,573.60	1/4	3,218.34	1/4	2,861.08
1/2		1/2		1/2		1/2	4,560.76	1/2	4,315.32	1/2	4,068.61	1/2	3,821.39	1/2	3,566.75	1/2	3,210.90	1/2	2,853.64
3/4		3/4		3/4		3/4	4,555.71	3/4	4,310.19	3/4	4,063.46	3/4	3,816.24	3/4	3,559.89	3/4	3,203.46	3/4	2,846.19
4		4		4		4	4,550.60	4	4,305.05	4	4,058.31	4	3,811.09	4	3,552.46	4	3,196.02	4	2,838.75
1/4		1/4		1/4		1/4	4,545.49	1/4	4,299.92	1/4	4,053.16	1/4	3,805.94	1/4	3,545.04	1/4	3,188.57	1/4	2,831.31
1/2		1/2		1/2		1/2	4,540.38	1/2	4,294.78	1/2	4,048.00	1/2	3,800.79	1/2	3,537.62	1/2	3,181.13	1/2	2,823.86
3/4		3/4		3/4		3/4	4,535.27	3/4	4,289.64	3/4	4,042.85	3/4	3,795.64	3/4	3,530.20	3/4	3,173.69	3/4	2,816.42
5		5		5		5	4,530.15	5	4,284.51	5	4,037.70	5	3,790.48	5	3,522.78	5	3,166.25	5	2,808.97
1/4		1/4		1/4		1/4	4,525.04	1/4	4,279.37	1/4	4,032.55	1/4	3,785.33	1/4	3,515.36	1/4	3,158.81	1/4	2,801.53
1/2		1/2		1/2		1/2	4,519.93	1/2	4,274.24	1/2	4,027.40	1/2	3,780.18	1/2	3,507.94	1/2	3,151.36	1/2	2,794.08
3/4		3/4		3/4		3/4	4,514.82	3/4	4,269.10	3/4	4,022.25	3/4	3,775.03	3/4	3,500.52	3/4	3,143.92	3/4	2,786.64
6		6		6		6	4,509.71	6	4,263.96	6	4,017.10	6	3,769.88	6	3,493.09	6	3,136.48	6	2,779.19
1/4		1/4		1/4		1/4	4,504.60	1/4	4,258.83	1/4	4,011.95	1/4	3,764.73	1/4	3,485.67	1/4	3,129.04	1/4	2,771.75
1/2		1/2		1/2		1/2	4,499.49	1/2	4,253.69	1/2	4,006.80	1/2	3,759.58	1/2	3,478.25	1/2	3,121.60	1/2	2,764.30
3/4		3/4		3/4		3/4	4,494.37	3/4	4,248.56	3/4	4,001.65	3/4	3,754.43	3/4	3,470.83	3/4	3,114.15	3/4	2,756.86
7		7		7		7	4,489.27	7	4,243.42	7	3,996.50	7	3,749.28	7	3,463.41	7	3,106.71	7	2,749.41
1/4		1/4		1/4		1/4	4,484.16	1/4	4,238.28	1/4	3,991.35	1/4	3,744.13	1/4	3,455.99	1/4	3,099.27	1/4	2,741.97
1/2		1/2		1/2		1/2	4,479.05	1/2	4,233.15	1/2	3,986.20	1/2	3,738.98	1/2	3,448.57	1/2	3,091.83	1/2	2,734.52
3/4		3/4		3/4		3/4	4,473.94	3/4	4,228.01	3/4	3,981.05	3/4	3,733.83	3/4	3,441.14	3/4	3,084.39	3/4	2,727.08
8		8		8		8	4,468.83	8	4,222.88	8	3,975.90	8	3,728.68	8	3,433.72	8	3,076.94	8	2,719.64
1/4		1/4		1/4		1/4	4,463.72	1/4	4,217.74	1/4	3,970.75	1/4	3,723.53	1/4	3,426.30	1/4	3,069.50	1/4	2,712.19
1/2		1/2		1/2		1/2	4,458.61	1/2	4,212.60	1/2	3,965.60	1/2	3,718.38	1/2	3,418.88	1/2	3,062.06	1/2	2,704.75
3/4		3/4		3/4		3/4	4,453.50	3/4	4,207.47	3/4	3,960.45	3/4	3,713.23	3/4	3,411.46	3/4	3,054.62	3/4	2,697.30
9		9		9		9	4,448.39	9	4,202.33	9	3,955.30	9	3,708.08	9	3,404.04	9	3,047.18	9	2,689.86
1/4		1/4		1/4		1/4	4,443.28	1/4	4,197.20	1/4	3,950.15	1/4	3,702.93	1/4	3,396.62	1/4	3,039.73	1/4	2,682.41
1/2		1/2		1/2		1/2	4,438.18	1/2	4,192.06	1/2	3,945.00	1/2	3,697.78	1/2	3,389.20	1/2	3,032.29	1/2	2,674.97
3/4		3/4		3/4		3/4	4,433.07	3/4	4,186.92	3/4	3,939.85	3/4	3,692.63	3/4	3,381.77	3/4	3,024.85	3/4	2,667.52
10		10		10		10	4,427.96	10	4,181.79	10	3,934.70	10	3,687.48	10	3,374.35	10	3,017.41	10	2,660.08
1/4		1/4		1/4		1/4	4,422.85	1/4	4,176.65	1/4	3,929.55	1/4	3,682.33	1/4	3,366.93	1/4	3,009.97	1/4	2,652.63
1/2		1/2		1/2		1/2	4,417.74	1/2	4,171.52	1/2	3,924.40	1/2	3,677.18	1/2	3,359.51	1/2	3,002.52	1/2	2,645.19
3/4		3/4		3/4		3/4	4,412.63	3/4	4,166.38	3/4	3,919.24	3/4	3,672.03	3/4	3,352.09	3/4	2,995.08	3/4	2,637.74
11		11		11		11	4,407.52	11	4,161.24	11	3,914.09	11	3,666.88	11	3,344.67	11	2,987.64	11	2,630.30
1/4		1/4		1/4		1/4	4,402.41	1/4	4,156.11	1/4	3,908.94	1/4	3,661.72	1/4	3,337.25	1/4	2,980.20	1/4	2,622.85
1/2		1/2		1/2		1/2	4,397.31	1/2	4,150.97	1/2	3,903.79	1/2	3,656.57	1/2	3,329.83	1/2	2,972.75	1/2	2,615.40
3/4		3/4		3/4		3/4	4,392.20	3/4	4,145.84	3/4	3,898.64	3/4	3,651.42	3/4	3,322.40	3/4	2,965.31	3/4	2,607.95

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3122"

3 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03"

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	2,600.50	0	2,242.81	0	1,885.12	0	1,527.42	0	1,169.73	0	812.60	0	454.92	0	97.23	0		0	
1/4	2,593.05	1/4	2,235.36	1/4	1,877.66	1/4	1,519.97	1/4	1,162.28	1/4	805.15	1/4	447.46	1/4	89.78	1/4		1/4	
1/2	2,585.59	1/2	2,227.90	1/2	1,870.21	1/2	1,512.52	1/2	1,154.83	1/2	797.69	1/2	440.01	1/2	82.33	1/2		1/2	
3/4	2,578.14	3/4	2,220.45	3/4	1,862.76	3/4	1,505.07	3/4	1,147.38	3/4	790.24	3/4	432.56	3/4	74.88	3/4		3/4	
1	2,570.69	1	2,213.00	1	1,855.31	1	1,497.62	1	1,139.93	1	782.79	1	425.11	1	67.89	1		1	
1/4	2,563.24	1/4	2,205.55	1/4	1,847.86	1/4	1,490.17	1/4	1,132.48	1/4	775.34	1/4	417.66	1/4	60.91	1/4		1/4	
1/2	2,555.79	1/2	2,198.10	1/2	1,840.40	1/2	1,482.71	1/2	1,125.03	1/2	767.89	1/2	410.21	1/2	53.92	1/2		1/2	
3/4	2,548.33	3/4	2,190.64	3/4	1,832.95	3/4	1,475.26	3/4	1,117.59	3/4	760.44	3/4	402.75	3/4	46.94	3/4		3/4	
2	2,540.88	2	2,183.19	2	1,825.50	2	1,467.81	2	1,110.14	2	752.98	2	395.30	2	41.35	2		2	
1/4	2,533.43	1/4	2,175.74	1/4	1,818.05	1/4	1,460.36	1/4	1,102.70	1/4	745.53	1/4	387.85	1/4	35.76	1/4		1/4	
1/2	2,525.98	1/2	2,168.29	1/2	1,810.60	1/2	1,452.91	1/2	1,095.25	1/2	738.08	1/2	380.40	1/2	30.17	1/2		1/2	
3/4	2,518.53	3/4	2,160.84	3/4	1,803.14	3/4	1,445.45	3/4	1,087.81	3/4	730.63	3/4	372.95	3/4	24.58	3/4		3/4	
3	2,511.08	3	2,153.38	3	1,795.69	3	1,438.00	3	1,080.37	3	723.18	3	365.50	3	20.86	3		3	
1/4	2,503.62	1/4	2,145.93	1/4	1,788.24	1/4	1,430.55	1/4	1,072.93	1/4	715.73	1/4	358.04	1/4		1/4		1/4	
1/2	2,496.17	1/2	2,138.48	1/2	1,780.79	1/2	1,423.10	1/2	1,065.49	1/2	708.27	1/2	350.59	1/2		1/2		1/2	
3/4	2,488.72	3/4	2,131.03	3/4	1,773.34	3/4	1,415.65	3/4	1,058.05	3/4	700.82	3/4	343.14	3/4		3/4		3/4	
4	2,481.27	4	2,123.58	4	1,765.89	4	1,408.19	4	1,050.61	4	693.37	4	335.69	4		4		4	
1/4	2,473.82	1/4	2,116.12	1/4	1,758.43	1/4	1,400.74	1/4	1,043.18	1/4	685.92	1/4	328.24	1/4		1/4		1/4	
1/2	2,466.36	1/2	2,108.67	1/2	1,750.98	1/2	1,393.29	1/2	1,035.74	1/2	678.47	1/2	320.79	1/2		1/2		1/2	
3/4	2,458.91	3/4	2,101.22	3/4	1,743.53	3/4	1,385.84	3/4	1,028.30	3/4	671.02	3/4	313.33	3/4		3/4		3/4	
5	2,451.46	5	2,093.77	5	1,736.08	5	1,378.39	5	1,020.87	5	663.56	5	305.88	5		5		5	
1/4	2,444.01	1/4	2,086.32	1/4	1,728.63	1/4	1,370.93	1/4	1,013.43	1/4	656.11	1/4	298.43	1/4		1/4		1/4	
1/2	2,436.56	1/2	2,078.87	1/2	1,721.17	1/2	1,363.48	1/2	1,005.99	1/2	648.66	1/2	290.98	1/2		1/2		1/2	
3/4	2,429.10	3/4	2,071.41	3/4	1,713.72	3/4	1,356.03	3/4	998.56	3/4	641.21	3/4	283.53	3/4		3/4		3/4	
6	2,421.65	6	2,063.96	6	1,706.27	6	1,348.58	6	991.12	6	633.76	6	276.08	6		6		6	
1/4	2,414.20	1/4	2,056.51	1/4	1,698.82	1/4	1,341.13	1/4	983.68	1/4	626.31	1/4	268.62	1/4		1/4		1/4	
1/2	2,406.75	1/2	2,049.06	1/2	1,691.37	1/2	1,333.68	1/2	976.25	1/2	618.85	1/2	261.17	1/2		1/2		1/2	
3/4	2,399.30	3/4	2,041.61	3/4	1,683.91	3/4	1,326.22	3/4	968.81	3/4	611.40	3/4	253.72	3/4		3/4		3/4	
7	2,391.85	7	2,034.15	7	1,676.46	7	1,318.77	7	961.37	7	603.95	7	246.27	7		7		7	
1/4	2,384.39	1/4	2,026.70	1/4	1,669.01	1/4	1,311.32	1/4	953.94	1/4	596.50	1/4	238.82	1/4		1/4		1/4	
1/2	2,376.94	1/2	2,019.25	1/2	1,661.56	1/2	1,303.87	1/2	946.50	1/2	589.05	1/2	231.36	1/2		1/2		1/2	
3/4	2,369.49	3/4	2,011.80	3/4	1,654.11	3/4	1,296.42	3/4	939.06	3/4	581.59	3/4	223.91	3/4		3/4		3/4	
8	2,362.04	8	2,004.35	8	1,646.65	8	1,288.96	8	931.63	8	574.14	8	216.46	8		8		8	
1/4	2,354.59	1/4	1,996.89	1/4	1,639.20	1/4	1,281.51	1/4	924.19	1/4	566.69	1/4	209.01	1/4		1/4		1/4	
1/2	2,347.13	1/2	1,989.44	1/2	1,631.75	1/2	1,274.06	1/2	916.75	1/2	559.24	1/2	201.56	1/2		1/2		1/2	
3/4	2,339.68	3/4	1,981.99	3/4	1,624.30	3/4	1,266.61	3/4	909.32	3/4	551.79	3/4	194.11	3/4		3/4		3/4	
9	2,332.23	9	1,974.54	9	1,616.85	9	1,259.16	9	901.88	9	544.34	9	186.65	9		9		9	
1/4	2,324.78	1/4	1,967.09	1/4	1,609.40	1/4	1,251.70	1/4	894.44	1/4	536.88	1/4	179.20	1/4		1/4		1/4	
1/2	2,317.33	1/2	1,959.63	1/2	1,601.94	1/2	1,244.25	1/2	887.01	1/2	529.43	1/2	171.75	1/2		1/2		1/2	
3/4	2,309.87	3/4	1,952.18	3/4	1,594.49	3/4	1,236.80	3/4	879.57	3/4	521.98	3/4	164.30	3/4		3/4		3/4	
10	2,302.42	10	1,944.73	10	1,587.04	10	1,229.35	10	872.13	10	514.53	10	156.85	10		10		10	
1/4	2,294.97	1/4	1,937.28	1/4	1,579.59	1/4	1,221.90	1/4	864.70	1/4	507.08	1/4	149.40	1/4		1/4		1/4	
1/2	2,287.52	1/2	1,929.83	1/2	1,572.14	1/2	1,214.44	1/2	857.26	1/2	499.63	1/2	141.94	1/2		1/2		1/2	
3/4	2,280.07	3/4	1,922.38	3/4	1,564.68	3/4	1,206.99	3/4	849.82	3/4	492.17	3/4	134.49	3/4		3/4		3/4	
11	2,272.61	11	1,914.92	11	1,557.23	11	1,199.54	11	842.38	11	484.72	11	127.04	11		11		11	
1/4	2,265.16	1/4	1,907.47	1/4	1,549.78	1/4	1,192.09	1/4	834.94	1/4	477.27	1/4	119.59	1/4		1/4		1/4	
1/2	2,257.71	1/2	1,900.02	1/2	1,542.33	1/2	1,184.64	1/2	827.49	1/2	469.82	1/2	112.14	1/2		1/2		1/2	
3/4	2,250.26	3/4	1,892.57	3/4	1,534.88	3/4	1,177.19	3/4	820.05	3/4	462.37	3/4	104.69	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014
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 3122"

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	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	

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 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.

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 & ANALYSIS, INC.
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BARGE "HTCO 3122"

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	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	
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