



BARGE "HTCO 3134"

ULLAGE TRIM TABLE (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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	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 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

January 22, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "HTCO 3134"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-11"

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	4,915.87	0	4,560.32	0	4,203.00	0	3,844.99	0	3,486.97	0	3,128.95	0	2,770.84
1/4		1/4		1/4		1/4	4,908.47	1/4	4,552.88	1/4	4,195.55	1/4	3,837.53	1/4	3,479.51	1/4	3,121.49	1/4	2,763.38
1/2		1/2		1/2		1/2	4,901.07	1/2	4,545.44	1/2	4,188.09	1/2	3,830.07	1/2	3,472.05	1/2	3,114.03	1/2	2,755.92
3/4		3/4		3/4		3/4	4,893.67	3/4	4,538.00	3/4	4,180.63	3/4	3,822.61	3/4	3,464.59	3/4	3,106.58	3/4	2,748.45
1		1		1		1	4,886.27	1	4,530.57	1	4,173.17	1	3,815.15	1	3,457.13	1	3,099.12	1	2,740.99
1/4		1/4		1/4		1/4	4,878.87	1/4	4,523.13	1/4	4,165.71	1/4	3,807.69	1/4	3,449.68	1/4	3,091.66	1/4	2,733.53
1/2		1/2		1/2		1/2	4,871.46	1/2	4,515.69	1/2	4,158.25	1/2	3,800.23	1/2	3,442.22	1/2	3,084.20	1/2	2,726.06
3/4		3/4		3/4		3/4	4,864.06	3/4	4,508.26	3/4	4,150.79	3/4	3,792.78	3/4	3,434.76	3/4	3,076.74	3/4	2,718.60
2		2		2		2	4,856.66	2	4,500.82	2	4,143.33	2	3,785.32	2	3,427.30	2	3,069.28	2	2,711.14
1/4		1/4		1/4		1/4	4,849.26	1/4	4,493.38	1/4	4,135.88	1/4	3,777.86	1/4	3,419.84	1/4	3,061.82	1/4	2,703.68
1/2		1/2		1/2		1/2	4,841.86	1/2	4,485.95	1/2	4,128.42	1/2	3,770.40	1/2	3,412.38	1/2	3,054.36	1/2	2,696.21
3/4		3/4		3/4		3/4	4,834.46	3/4	4,478.51	3/4	4,120.96	3/4	3,762.94	3/4	3,404.92	3/4	3,046.91	3/4	2,688.75
3		3		3		3	4,827.06	3	4,471.07	3	4,113.50	3	3,755.48	3	3,397.46	3	3,039.45	3	2,681.29
1/4		1/4		1/4		1/4	4,819.66	1/4	4,463.63	1/4	4,106.04	1/4	3,748.02	1/4	3,390.01	1/4	3,031.99	1/4	2,673.83
1/2		1/2		1/2		1/2	4,812.26	1/2	4,456.20	1/2	4,098.58	1/2	3,740.57	1/2	3,382.55	1/2	3,024.53	1/2	2,666.36
3/4		3/4		3/4		3/4	4,804.86	3/4	4,448.76	3/4	4,091.12	3/4	3,733.11	3/4	3,375.09	3/4	3,017.07	3/4	2,658.90
4		4		4		4	4,797.46	4	4,441.32	4	4,083.67	4	3,725.65	4	3,367.63	4	3,009.61	4	2,651.44
1/4		1/4		1/4		1/4	4,790.07	1/4	4,433.89	1/4	4,076.21	1/4	3,718.19	1/4	3,360.17	1/4	3,002.15	1/4	2,643.97
1/2		1/2		1/2		1/2	4,782.67	1/2	4,426.45	1/2	4,068.75	1/2	3,710.73	1/2	3,352.71	1/2	2,994.70	1/2	2,636.51
3/4		3/4		3/4		3/4	4,775.27	3/4	4,419.01	3/4	4,061.29	3/4	3,703.27	3/4	3,345.25	3/4	2,987.24	3/4	2,629.05
5		5		5		5	4,767.87	5	4,411.58	5	4,053.83	5	3,695.81	5	3,337.80	5	2,979.78	5	2,621.59
1/4		1/4		1/4		1/4	4,760.48	1/4	4,404.14	1/4	4,046.37	1/4	3,688.35	1/4	3,330.34	1/4	2,972.32	1/4	2,614.12
1/2		1/2		1/2		1/2	4,753.08	1/2	4,396.70	1/2	4,038.91	1/2	3,680.90	1/2	3,322.88	1/2	2,964.86	1/2	2,606.66
3/4		3/4		3/4		3/4	4,745.68	3/4	4,389.26	3/4	4,031.45	3/4	3,673.44	3/4	3,315.42	3/4	2,957.40	3/4	2,599.20
6		6		6		6	4,738.29	6	4,381.83	6	4,024.00	6	3,665.98	6	3,307.96	6	2,949.94	6	2,591.74
1/4		1/4		1/4		1/4	4,730.89	1/4	4,374.39	1/4	4,016.54	1/4	3,658.52	1/4	3,300.50	1/4	2,942.48	1/4	2,584.27
1/2		1/2		1/2		1/2	4,723.49	1/2	4,366.95	1/2	4,009.08	1/2	3,651.06	1/2	3,293.04	1/2	2,935.03	1/2	2,576.81
3/4		3/4		3/4		3/4	4,716.09	3/4	4,359.52	3/4	4,001.62	3/4	3,643.60	3/4	3,285.58	3/4	2,927.57	3/4	2,569.35
7		7		7		7	4,708.70	7	4,352.08	7	3,994.16	7	3,636.14	7	3,278.13	7	2,920.10	7	2,561.88
1/4		1/4		1/4		1/4	4,701.30	1/4	4,344.64	1/4	3,986.70	1/4	3,628.68	1/4	3,270.67	1/4	2,912.64	1/4	2,554.42
1/2		1/2		1/2		1/2	4,693.90	1/2	4,337.21	1/2	3,979.24	1/2	3,621.23	1/2	3,263.21	1/2	2,905.17	1/2	2,546.96
3/4		3/4		3/4		3/4	4,686.51	3/4	4,329.77	3/4	3,971.78	3/4	3,613.77	3/4	3,255.75	3/4	2,897.71	3/4	2,539.50
8		8		8		8	4,679.11	8	4,322.32	8	3,964.33	8	3,606.31	8	3,248.29	8	2,890.24	8	2,532.03
1/4		1/4		1/4		1/4	4,671.71	1/4	4,314.87	1/4	3,956.87	1/4	3,598.85	1/4	3,240.83	1/4	2,882.78	1/4	2,524.57
1/2		1/2		1/2		1/2	5,007.77	1/2	4,664.31	1/2	4,307.42	1/2	3,949.41	1/2	3,591.39	1/2	3,233.37	1/2	2,875.32
3/4		3/4		3/4		3/4	5,003.03	3/4	4,656.92	3/4	4,299.97	3/4	3,941.95	3/4	3,583.93	3/4	3,225.91	3/4	2,867.86
9		9		9		9	4,997.23	9	4,649.50	9	4,292.51	9	3,934.49	9	3,576.47	9	3,218.46	9	2,860.39
1/4		1/4		1/4		1/4	4,991.43	1/4	4,642.08	1/4	4,285.05	1/4	3,927.03	1/4	3,569.02	1/4	3,211.00	1/4	2,852.93
1/2		1/2		1/2		1/2	4,985.63	1/2	4,634.67	1/2	4,277.59	1/2	3,919.57	1/2	3,561.56	1/2	3,203.54	1/2	2,845.47
3/4		3/4		3/4		3/4	4,979.83	3/4	4,627.25	3/4	4,270.13	3/4	3,912.12	3/4	3,554.10	3/4	3,196.08	3/4	2,838.00
10		10		10		10	4,973.02	10	4,619.81	10	4,262.67	10	3,904.66	10	3,546.64	10	3,188.62	10	2,830.54
1/4		1/4		1/4		1/4	4,966.22	1/4	4,612.37	1/4	4,255.22	1/4	3,897.20	1/4	3,539.18	1/4	3,181.16	1/4	2,823.08
1/2		1/2		1/2		1/2	4,959.42	1/2	4,604.94	1/2	4,247.76	1/2	3,889.74	1/2	3,531.72	1/2	3,173.70	1/2	2,815.62
3/4		3/4		3/4		3/4	4,952.62	3/4	4,597.50	3/4	4,240.30	3/4	3,882.28	3/4	3,524.26	3/4	3,166.25	3/4	2,808.15
11		11		11		11	4,945.28	11	4,590.06	11	4,232.84	11	3,874.82	11	3,516.80	11	3,158.79	11	2,800.69
1/4		1/4		1/4		1/4	4,937.94	1/4	4,582.63	1/4	4,225.38	1/4	3,867.36	1/4	3,509.35	1/4	3,151.33	1/4	2,793.23
1/2		1/2		1/2		1/2	4,930.61	1/2	4,575.19	1/2	4,217.92	1/2	3,859.90	1/2	3,501.89	1/2	3,143.87	1/2	2,785.77
3/4		3/4		3/4		3/4	4,923.27	3/4	4,567.75	3/4	4,210.46	3/4	3,852.45	3/4	3,494.43	3/4	3,136.41	3/4	2,778.30

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'-06" OFF CENTERLINE AND 45'-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 3134"

1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-11"

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	2,412.63	0	2,054.42	0	1,696.21	0	1,338.00	0	980.53	0	623.80	0	281.04	0		0		0	
1/4	2,405.17	1/4	2,046.96	1/4	1,688.75	1/4	1,330.54	1/4	973.12	1/4	616.34	1/4	274.38	1/4		1/4		1/4	
1/2	2,397.71	1/2	2,039.50	1/2	1,681.29	1/2	1,323.08	1/2	965.71	1/2	608.87	1/2	267.72	1/2		1/2		1/2	
3/4	2,390.24	3/4	2,032.03	3/4	1,673.82	3/4	1,315.61	3/4	958.29	3/4	601.41	3/4	261.05	3/4		3/4		3/4	
1	2,382.78	1	2,024.57	1	1,666.36	1	1,308.15	1	950.88	1	593.95	1	254.47	1		1		1	
1/4	2,375.32	1/4	2,017.11	1/4	1,658.90	1/4	1,300.69	1/4	943.47	1/4	586.49	1/4	247.89	1/4		1/4		1/4	
1/2	2,367.85	1/2	2,009.65	1/2	1,651.44	1/2	1,293.23	1/2	936.06	1/2	579.02	1/2	241.31	1/2		1/2		1/2	
3/4	2,360.39	3/4	2,002.18	3/4	1,643.97	3/4	1,285.76	3/4	928.65	3/4	571.56	3/4	234.72	3/4		3/4		3/4	
2	2,352.93	2	1,994.72	2	1,636.51	2	1,278.30	2	921.24	2	564.12	2	228.22	2		2		2	
1/4	2,345.47	1/4	1,987.26	1/4	1,629.05	1/4	1,270.84	1/4	913.82	1/4	556.68	1/4	221.72	1/4		1/4		1/4	
1/2	2,338.00	1/2	1,979.79	1/2	1,621.58	1/2	1,263.38	1/2	906.41	1/2	549.24	1/2	215.22	1/2		1/2		1/2	
3/4	2,330.54	3/4	1,972.33	3/4	1,614.12	3/4	1,255.91	3/4	899.00	3/4	541.80	3/4	208.72	3/4		3/4		3/4	
3	2,323.08	3	1,964.87	3	1,606.66	3	1,248.45	3	891.59	3	534.42	3	202.30	3		3		3	
1/4	2,315.62	1/4	1,957.41	1/4	1,599.20	1/4	1,240.99	1/4	884.18	1/4	527.04	1/4	195.88	1/4		1/4		1/4	
1/2	2,308.15	1/2	1,949.94	1/2	1,591.73	1/2	1,233.52	1/2	876.77	1/2	519.67	1/2	189.47	1/2		1/2		1/2	
3/4	2,300.69	3/4	1,942.48	3/4	1,584.27	3/4	1,226.06	3/4	869.35	3/4	512.29	3/4	183.05	3/4		3/4		3/4	
4	2,293.23	4	1,935.02	4	1,576.81	4	1,218.60	4	861.94	4	504.99	4	176.70	4		4		4	
1/4	2,285.77	1/4	1,927.56	1/4	1,569.35	1/4	1,211.14	1/4	854.53	1/4	497.69	1/4	170.36	1/4		1/4		1/4	
1/2	2,278.30	1/2	1,920.09	1/2	1,561.88	1/2	1,203.67	1/2	847.12	1/2	490.39	1/2	164.01	1/2		1/2		1/2	
3/4	2,270.84	3/4	1,912.63	3/4	1,554.42	3/4	1,196.21	3/4	839.71	3/4	483.10	3/4	157.67	3/4		3/4		3/4	
5	2,263.38	5	1,905.17	5	1,546.96	5	1,188.75	5	832.29	5	475.88	5	151.40	5		5		5	
1/4	2,255.91	1/4	1,897.70	1/4	1,539.50	1/4	1,181.29	1/4	824.88	1/4	468.66	1/4	145.13	1/4		1/4		1/4	
1/2	2,248.45	1/2	1,890.24	1/2	1,532.03	1/2	1,173.82	1/2	817.47	1/2	461.44	1/2	138.85	1/2		1/2		1/2	
3/4	2,240.99	3/4	1,882.78	3/4	1,524.57	3/4	1,166.36	3/4	810.06	3/4	454.23	3/4	132.58	3/4		3/4		3/4	
6	2,233.53	6	1,875.32	6	1,517.11	6	1,158.90	6	802.65	6	447.09	6	126.39	6		6		6	
1/4	2,226.06	1/4	1,867.85	1/4	1,509.64	1/4	1,151.43	1/4	795.24	1/4	439.96	1/4	120.20	1/4		1/4		1/4	
1/2	2,218.60	1/2	1,860.39	1/2	1,502.18	1/2	1,143.97	1/2	787.82	1/2	432.82	1/2	114.01	1/2		1/2		1/2	
3/4	2,211.14	3/4	1,852.93	3/4	1,494.72	3/4	1,136.51	3/4	780.41	3/4	425.68	3/4	107.82	3/4		3/4		3/4	
7	2,203.68	7	1,845.47	7	1,487.26	7	1,129.06	7	772.97	7	418.63	7	101.71	7		7		7	
1/4	2,196.21	1/4	1,838.00	1/4	1,479.79	1/4	1,121.61	1/4	765.54	1/4	411.58	1/4	95.60	1/4		1/4		1/4	
1/2	2,188.75	1/2	1,830.54	1/2	1,472.33	1/2	1,114.16	1/2	758.10	1/2	404.52	1/2	89.49	1/2		1/2		1/2	
3/4	2,181.29	3/4	1,823.08	3/4	1,464.87	3/4	1,106.72	3/4	750.66	3/4	397.47	3/4	83.38	3/4		3/4		3/4	
8	2,173.82	8	1,815.61	8	1,457.41	8	1,099.28	8	743.20	8	390.49	8	77.35	8		8		8	
1/4	2,166.36	1/4	1,808.15	1/4	1,449.94	1/4	1,091.85	1/4	735.74	1/4	383.52	1/4	71.32	1/4		1/4		1/4	
1/2	2,158.90	1/2	1,800.69	1/2	1,442.48	1/2	1,084.42	1/2	728.28	1/2	376.55	1/2	65.30	1/2		1/2		1/2	
3/4	2,151.44	3/4	1,793.23	3/4	1,435.02	3/4	1,076.98	3/4	720.81	3/4	369.58	3/4	59.27	3/4		3/4		3/4	
9	2,143.97	9	1,785.76	9	1,427.55	9	1,069.56	9	713.35	9	362.68	9	53.79	9		9		9	
1/4	2,136.51	1/4	1,778.30	1/4	1,420.09	1/4	1,062.13	1/4	705.89	1/4	355.78	1/4	48.31	1/4		1/4		1/4	
1/2	2,129.05	1/2	1,770.84	1/2	1,412.63	1/2	1,054.71	1/2	698.43	1/2	348.88	1/2	42.82	1/2		1/2		1/2	
3/4	2,121.59	3/4	1,763.38	3/4	1,405.17	3/4	1,047.28	3/4	690.96	3/4	341.98	3/4	37.34	3/4		3/4		3/4	
10	2,114.12	10	1,755.91	10	1,397.70	10	1,039.86	10	683.50	10	335.16	10	33.34	10		10		10	
1/4	2,106.66	1/4	1,748.45	1/4	1,390.24	1/4	1,032.44	1/4	676.04	1/4	328.33	1/4	29.34	1/4		1/4		1/4	
1/2	2,099.20	1/2	1,740.99	1/2	1,382.78	1/2	1,025.02	1/2	668.58	1/2	321.51	1/2	25.34	1/2		1/2		1/2	
3/4	2,091.73	3/4	1,733.53	3/4	1,375.32	3/4	1,017.60	3/4	661.11	3/4	314.69	3/4	21.35	3/4		3/4		3/4	
11	2,084.27	11	1,726.06	11	1,367.85	11	1,010.19	11	653.65	11	307.94	11	18.43	11		11		11	
1/4	2,076.81	1/4	1,718.60	1/4	1,360.39	1/4	1,002.77	1/4	646.19	1/4	301.20	1/4		1/4		1/4		1/4	
1/2	2,069.35	1/2	1,711.14	1/2	1,352.93	1/2	995.36	1/2	638.73	1/2	294.45	1/2		1/2		1/2		1/2	
3/4	2,061.88	3/4	1,703.67	3/4	1,345.46	3/4	987.94	3/4	631.26	3/4	287.71	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/15/2014 CL
RECALCULATED: 01/22/2020 SW
REPRINTED: 01/22/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "HTCO 3134"

1 STBD ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,932.27	0	4,576.86	0	4,219.60	0	3,861.59	0	3,503.57	0	3,145.56	0	2,787.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,924.94	1/4	4,569.42	1/4	4,212.14	1/4	3,854.13	1/4	3,496.11	1/4	3,138.10	1/4	2,780.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,917.54	1/2	4,561.98	1/2	4,204.68	1/2	3,846.67	1/2	3,488.66	1/2	3,130.64	1/2	2,772.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,910.14	3/4	4,554.55	3/4	4,197.22	3/4	3,839.21	3/4	3,481.20	3/4	3,123.18	3/4	2,765.10
1	1	1	1	1	1	1	4,902.74	1	4,547.11	1	4,189.76	1	3,831.75	1	3,473.74	1	3,115.73	1	2,757.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,895.33	1/4	4,539.67	1/4	4,182.31	1/4	3,824.29	1/4	3,466.28	1/4	3,108.27	1/4	2,750.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,887.93	1/2	4,532.24	1/2	4,174.85	1/2	3,816.83	1/2	3,458.82	1/2	3,100.81	1/2	2,742.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,880.53	3/4	4,524.80	3/4	4,167.39	3/4	3,809.38	3/4	3,451.36	3/4	3,093.35	3/4	2,735.25
2	2	2	2	2	2	2	4,873.13	2	4,517.36	2	4,159.93	2	3,801.92	2	3,443.90	2	3,085.89	2	2,727.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,865.73	1/4	4,509.93	1/4	4,152.47	1/4	3,794.46	1/4	3,436.45	1/4	3,078.43	1/4	2,720.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,858.33	1/2	4,502.49	1/2	4,145.01	1/2	3,787.00	1/2	3,428.99	1/2	3,070.97	1/2	2,712.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,850.93	3/4	4,495.05	3/4	4,137.55	3/4	3,779.54	3/4	3,421.53	3/4	3,063.52	3/4	2,705.40
3	3	3	3	3	3	3	4,843.53	3	4,487.61	3	4,130.10	3	3,772.08	3	3,414.07	3	3,056.06	3	2,697.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,836.12	1/4	4,480.18	1/4	4,122.64	1/4	3,764.62	1/4	3,406.61	1/4	3,048.60	1/4	2,690.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,828.73	1/2	4,472.74	1/2	4,115.18	1/2	3,757.17	1/2	3,399.15	1/2	3,041.14	1/2	2,683.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,821.33	3/4	4,465.30	3/4	4,107.72	3/4	3,749.71	3/4	3,391.69	3/4	3,033.68	3/4	2,675.55
4	4	4	4	4	4	4	4,813.93	4	4,457.87	4	4,100.26	4	3,742.25	4	3,384.24	4	3,026.22	4	2,668.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,806.53	1/4	4,450.43	1/4	4,092.80	1/4	3,734.79	1/4	3,376.78	1/4	3,018.76	1/4	2,660.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,799.13	1/2	4,442.99	1/2	4,085.34	1/2	3,727.33	1/2	3,369.32	1/2	3,011.31	1/2	2,653.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,791.73	3/4	4,435.56	3/4	4,077.89	3/4	3,719.87	3/4	3,361.86	3/4	3,003.85	3/4	2,645.70
5	5	5	5	5	5	5	4,784.34	5	4,428.12	5	4,070.43	5	3,712.41	5	3,354.40	5	2,996.39	5	2,638.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,776.94	1/4	4,420.68	1/4	4,062.97	1/4	3,704.96	1/4	3,346.94	1/4	2,988.93	1/4	2,630.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,769.54	1/2	4,413.25	1/2	4,055.51	1/2	3,697.50	1/2	3,339.48	1/2	2,981.47	1/2	2,623.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,762.14	3/4	4,405.81	3/4	4,048.05	3/4	3,690.04	3/4	3,332.03	3/4	2,974.01	3/4	2,615.85
6	6	6	6	6	6	6	4,754.75	6	4,398.37	6	4,040.59	6	3,682.58	6	3,324.57	6	2,966.55	6	2,608.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,747.35	1/4	4,390.93	1/4	4,033.13	1/4	3,675.12	1/4	3,317.11	1/4	2,959.10	1/4	2,600.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,739.95	1/2	4,383.50	1/2	4,025.68	1/2	3,667.66	1/2	3,309.65	1/2	2,951.64	1/2	2,593.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,732.56	3/4	4,376.06	3/4	4,018.22	3/4	3,660.20	3/4	3,302.19	3/4	2,944.18	3/4	2,586.00
7	7	7	7	7	7	7	4,725.16	7	4,368.62	7	4,010.76	7	3,652.75	7	3,294.73	7	2,936.72	7	2,578.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,717.76	1/4	4,361.19	1/4	4,003.30	1/4	3,645.29	1/4	3,287.27	1/4	2,929.26	1/4	2,571.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,710.36	1/2	4,353.75	1/2	3,995.84	1/2	3,637.83	1/2	3,279.82	1/2	2,921.80	1/2	2,563.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,702.97	3/4	4,346.31	3/4	3,988.38	3/4	3,630.37	3/4	3,272.36	3/4	2,914.35	3/4	2,556.15
8	8	8	8	8	8	8	4,695.57	8	4,338.88	8	3,980.92	8	3,622.91	8	3,264.90	8	2,906.89	8	2,548.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,688.17	1/4	4,331.44	1/4	3,973.47	1/4	3,615.45	1/4	3,257.44	1/4	2,899.43	1/4	2,541.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,680.78	1/2	4,323.99	1/2	3,966.01	1/2	3,607.99	1/2	3,249.98	1/2	2,891.97	1/2	2,533.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,673.38	3/4	4,316.54	3/4	3,958.55	3/4	3,600.54	3/4	3,242.52	3/4	2,884.51	3/4	2,526.30
9	9	9	5,009.42	9	4,665.98	9	4,309.09	9	3,951.09	9	3,593.08	9	3,235.06	9	2,877.04	9	2,518.83		
1/4	1/4	1/4	5,004.68	1/4	4,658.58	1/4	4,301.64	1/4	3,943.63	1/4	3,585.62	1/4	3,227.61	1/4	2,869.58	1/4	2,511.37		
1/2	1/2	1/2	4,998.88	1/2	4,651.17	1/2	4,294.18	1/2	3,936.17	1/2	3,578.16	1/2	3,220.15	1/2	2,862.12	1/2	2,503.91		
3/4	3/4	3/4	4,993.08	3/4	4,643.75	3/4	4,286.73	3/4	3,928.71	3/4	3,570.70	3/4	3,212.69	3/4	2,854.65	3/4	2,496.45		
10	10	10	4,987.28	10	4,636.33	10	4,279.27	10	3,921.25	10	3,563.24	10	3,205.23	10	2,847.19	10	2,488.98		
1/4	1/4	1/4	4,981.48	1/4	4,628.92	1/4	4,271.81	1/4	3,913.80	1/4	3,555.78	1/4	3,197.77	1/4	2,839.73	1/4	2,481.52		
1/2	1/2	1/2	4,974.68	1/2	4,621.48	1/2	4,264.35	1/2	3,906.34	1/2	3,548.32	1/2	3,190.31	1/2	2,832.27	1/2	2,474.06		
3/4	3/4	3/4	4,967.87	3/4	4,614.04	3/4	4,256.89	3/4	3,898.88	3/4	3,540.87	3/4	3,182.85	3/4	2,824.80	3/4	2,466.59		
11	11	11	4,961.07	11	4,606.60	11	4,249.43	11	3,891.42	11	3,533.41	11	3,175.39	11	2,817.34	11	2,459.13		
1/4	1/4	1/4	4,954.27	1/4	4,599.17	1/4	4,241.97	1/4	3,883.96	1/4	3,525.95	1/4	3,167.94	1/4	2,809.88	1/4	2,451.67		
1/2	1/2	1/2	4,946.94	1/2	4,591.73	1/2	4,234.52	1/2	3,876.50	1/2	3,518.49	1/2	3,160.48	1/2	2,802.42	1/2	2,444.21		
3/4	3/4	3/4	4,939.61	3/4	4,584.29	3/4	4,227.06	3/4	3,869.04	3/4	3,511.03	3/4	3,153.02	3/4	2,794.95	3/4	2,436.74		

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'-06" OFF CENTERLINE AND 45'-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 3134"

1 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 16'-11 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	2,429.28	0	2,071.07	0	1,712.86	0	1,354.65	0	996.51	0	638.74	0	294.51	0		0		0	
1/4	2,421.82	1/4	2,063.61	1/4	1,705.40	1/4	1,347.19	1/4	989.06	1/4	631.27	1/4	287.77	1/4		1/4		1/4	
1/2	2,414.36	1/2	2,056.15	1/2	1,697.94	1/2	1,339.73	1/2	981.61	1/2	623.81	1/2	281.10	1/2		1/2		1/2	
3/4	2,406.89	3/4	2,048.68	3/4	1,690.47	3/4	1,332.26	3/4	974.16	3/4	616.35	3/4	274.44	3/4		3/4		3/4	
1	2,399.43	1	2,041.22	1	1,683.01	1	1,324.80	1	966.71	1	608.89	1	267.77	1		1		1	
1/4	2,391.97	1/4	2,033.76	1/4	1,675.55	1/4	1,317.34	1/4	959.27	1/4	601.42	1/4	261.11	1/4		1/4		1/4	
1/2	2,384.50	1/2	2,026.30	1/2	1,668.09	1/2	1,309.88	1/2	951.82	1/2	593.96	1/2	254.52	1/2		1/2		1/2	
3/4	2,377.04	3/4	2,018.83	3/4	1,660.62	3/4	1,302.41	3/4	944.37	3/4	586.50	3/4	247.94	3/4		3/4		3/4	
2	2,369.58	2	2,011.37	2	1,653.16	2	1,294.95	2	936.92	2	579.04	2	241.36	2		2		2	
1/4	2,362.12	1/4	2,003.91	1/4	1,645.70	1/4	1,287.49	1/4	929.47	1/4	571.57	1/4	234.77	1/4		1/4		1/4	
1/2	2,354.65	1/2	1,996.44	1/2	1,638.23	1/2	1,280.03	1/2	922.02	1/2	564.14	1/2	228.27	1/2		1/2		1/2	
3/4	2,347.19	3/4	1,988.98	3/4	1,630.77	3/4	1,272.56	3/4	914.57	3/4	556.70	3/4	221.77	3/4		3/4		3/4	
3	2,339.73	3	1,981.52	3	1,623.31	3	1,265.10	3	907.12	3	549.26	3	215.27	3		3		3	
1/4	2,332.27	1/4	1,974.06	1/4	1,615.85	1/4	1,257.64	1/4	899.68	1/4	541.83	1/4	208.77	1/4		1/4		1/4	
1/2	2,324.80	1/2	1,966.59	1/2	1,608.38	1/2	1,250.17	1/2	892.23	1/2	534.46	1/2	202.35	1/2		1/2		1/2	
3/4	2,317.34	3/4	1,959.13	3/4	1,600.92	3/4	1,242.71	3/4	884.78	3/4	527.09	3/4	195.93	3/4		3/4		3/4	
4	2,309.88	4	1,951.67	4	1,593.46	4	1,235.25	4	877.33	4	519.72	4	189.51	4		4		4	
1/4	2,302.42	1/4	1,944.21	1/4	1,586.00	1/4	1,227.79	1/4	869.88	1/4	512.35	1/4	183.09	1/4		1/4		1/4	
1/2	2,294.95	1/2	1,936.74	1/2	1,578.53	1/2	1,220.32	1/2	862.43	1/2	505.05	1/2	176.74	1/2		1/2		1/2	
3/4	2,287.49	3/4	1,929.28	3/4	1,571.07	3/4	1,212.86	3/4	854.98	3/4	497.76	3/4	170.40	3/4		3/4		3/4	
5	2,280.03	5	1,921.82	5	1,563.61	5	1,205.40	5	847.53	5	490.46	5	164.05	5		5		5	
1/4	2,272.56	1/4	1,914.35	1/4	1,556.15	1/4	1,197.94	1/4	840.09	1/4	483.17	1/4	157.70	1/4		1/4		1/4	
1/2	2,265.10	1/2	1,906.89	1/2	1,548.68	1/2	1,190.47	1/2	832.64	1/2	475.95	1/2	151.43	1/2		1/2		1/2	
3/4	2,257.64	3/4	1,899.43	3/4	1,541.22	3/4	1,183.01	3/4	825.19	3/4	468.73	3/4	145.16	3/4		3/4		3/4	
6	2,250.18	6	1,891.97	6	1,533.76	6	1,175.55	6	817.74	6	461.52	6	138.89	6		6		6	
1/4	2,242.71	1/4	1,884.50	1/4	1,526.29	1/4	1,168.08	1/4	810.29	1/4	454.30	1/4	132.62	1/4		1/4		1/4	
1/2	2,235.25	1/2	1,877.04	1/2	1,518.83	1/2	1,160.62	1/2	802.84	1/2	447.16	1/2	126.42	1/2		1/2		1/2	
3/4	2,227.79	3/4	1,869.58	3/4	1,511.37	3/4	1,153.16	3/4	795.39	3/4	440.03	3/4	120.23	3/4		3/4		3/4	
7	2,220.33	7	1,862.12	7	1,503.91	7	1,145.70	7	787.94	7	432.89	7	114.04	7		7		7	
1/4	2,212.86	1/4	1,854.65	1/4	1,496.44	1/4	1,138.23	1/4	780.49	1/4	425.75	1/4	107.85	1/4		1/4		1/4	
1/2	2,205.40	1/2	1,847.19	1/2	1,488.98	1/2	1,130.77	1/2	773.04	1/2	418.70	1/2	101.74	1/2		1/2		1/2	
3/4	2,197.94	3/4	1,839.73	3/4	1,481.52	3/4	1,123.31	3/4	765.58	3/4	411.64	3/4	95.62	3/4		3/4		3/4	
8	2,190.47	8	1,832.26	8	1,474.06	8	1,115.85	8	758.13	8	404.59	8	89.51	8		8		8	
1/4	2,183.01	1/4	1,824.80	1/4	1,466.59	1/4	1,108.38	1/4	750.67	1/4	397.53	1/4	83.40	1/4		1/4		1/4	
1/2	2,175.55	1/2	1,817.34	1/2	1,459.13	1/2	1,100.92	1/2	743.21	1/2	390.56	1/2	77.37	1/2		1/2		1/2	
3/4	2,168.09	3/4	1,809.88	3/4	1,451.67	3/4	1,093.46	3/4	735.75	3/4	383.59	3/4	71.34	3/4		3/4		3/4	
9	2,160.62	9	1,802.41	9	1,444.20	9	1,085.99	9	728.29	9	376.61	9	65.31	9		9		9	
1/4	2,153.16	1/4	1,794.95	1/4	1,436.74	1/4	1,078.53	1/4	720.82	1/4	369.64	1/4	59.28	1/4		1/4		1/4	
1/2	2,145.70	1/2	1,787.49	1/2	1,429.28	1/2	1,071.07	1/2	713.36	1/2	362.74	1/2	53.80	1/2		1/2		1/2	
3/4	2,138.24	3/4	1,780.03	3/4	1,421.82	3/4	1,063.61	3/4	705.90	3/4	355.84	3/4	48.32	3/4		3/4		3/4	
10	2,130.77	10	1,772.56	10	1,414.35	10	1,056.15	10	698.44	10	348.95	10	42.83	10		10		10	
1/4	2,123.31	1/4	1,765.10	1/4	1,406.89	1/4	1,048.69	1/4	690.97	1/4	342.05	1/4	37.35	1/4		1/4		1/4	
1/2	2,115.85	1/2	1,757.64	1/2	1,399.43	1/2	1,041.24	1/2	683.51	1/2	335.22	1/2	33.35	1/2		1/2		1/2	
3/4	2,108.38	3/4	1,750.18	3/4	1,391.97	3/4	1,033.78	3/4	676.05	3/4	328.40	3/4	29.35	3/4		3/4		3/4	
11	2,100.92	11	1,742.71	11	1,384.50	11	1,026.33	11	668.59	11	321.57	11	25.35	11		11		11	
1/4	2,093.46	1/4	1,735.25	1/4	1,377.04	1/4	1,018.87	1/4	661.12	1/4	314.75	1/4	21.35	1/4		1/4		1/4	
1/2	2,086.00	1/2	1,727.79	1/2	1,369.58	1/2	1,011.42	1/2	653.66	1/2	308.00	1/2	18.43	1/2		1/2		1/2	
3/4	2,078.53	3/4	1,720.32	3/4	1,362.11	3/4	1,003.97	3/4	646.20	3/4	301.26	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/15/2014 CL
RECALCULATED: 01/22/2020 SW
REPRINTED: 01/22/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "HTCO 3134"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,001.23	0	4,644.93	0	4,286.79	0	3,927.90	0	3,569.01	0	3,210.13	0	2,851.17
1/4		1/4		1/4		1/4	4,993.87	1/4	4,637.48	1/4	4,279.31	1/4	3,920.42	1/4	3,561.54	1/4	3,202.65	1/4	2,843.69
1/2		1/2		1/2		1/2	4,986.46	1/2	4,630.02	1/2	4,271.83	1/2	3,912.95	1/2	3,554.06	1/2	3,195.17	1/2	2,836.21
3/4		3/4		3/4		3/4	4,979.04	3/4	4,622.57	3/4	4,264.36	3/4	3,905.47	3/4	3,546.58	3/4	3,187.70	3/4	2,828.73
1		1		1		1	4,971.62	1	4,615.11	1	4,256.88	1	3,897.99	1	3,539.11	1	3,180.22	1	2,821.25
1/4		1/4		1/4		1/4	4,964.20	1/4	4,607.66	1/4	4,249.40	1/4	3,890.52	1/4	3,531.63	1/4	3,172.74	1/4	2,813.77
1/2		1/2		1/2		1/2	4,956.78	1/2	4,600.20	1/2	4,241.93	1/2	3,883.04	1/2	3,524.15	1/2	3,165.27	1/2	2,806.29
3/4		3/4		3/4		3/4	4,949.36	3/4	4,592.75	3/4	4,234.45	3/4	3,875.56	3/4	3,516.68	3/4	3,157.79	3/4	2,798.80
2		2		2		2	4,941.94	2	4,585.29	2	4,226.97	2	3,868.09	2	3,509.20	2	3,150.31	2	2,791.32
1/4		1/4		1/4		1/4	4,934.52	1/4	4,577.84	1/4	4,219.50	1/4	3,860.61	1/4	3,501.72	1/4	3,142.84	1/4	2,783.84
1/2		1/2		1/2		1/2	4,927.10	1/2	4,570.38	1/2	4,212.02	1/2	3,853.13	1/2	3,494.25	1/2	3,135.36	1/2	2,776.36
3/4		3/4		3/4		3/4	4,919.68	3/4	4,562.93	3/4	4,204.54	3/4	3,845.66	3/4	3,486.77	3/4	3,127.88	3/4	2,768.88
3		3		3		3	4,912.26	3	4,555.47	3	4,197.07	3	3,838.18	3	3,479.29	3	3,120.41	3	2,761.40
1/4		1/4		1/4		1/4	4,904.84	1/4	4,548.01	1/4	4,189.59	1/4	3,830.70	1/4	3,471.82	1/4	3,112.93	1/4	2,753.92
1/2		1/2		1/2		1/2	4,897.42	1/2	4,540.56	1/2	4,182.11	1/2	3,823.23	1/2	3,464.34	1/2	3,105.45	1/2	2,746.44
3/4		3/4		3/4		3/4	4,890.01	3/4	4,533.10	3/4	4,174.63	3/4	3,815.75	3/4	3,456.86	3/4	3,097.98	3/4	2,738.96
4		4		4		4	4,882.59	4	4,525.65	4	4,167.16	4	3,808.27	4	3,449.39	4	3,090.50	4	2,731.48
1/4		1/4		1/4		1/4	4,875.17	1/4	4,518.19	1/4	4,159.68	1/4	3,800.79	1/4	3,441.91	1/4	3,083.02	1/4	2,724.00
1/2		1/2		1/2		1/2	4,867.76	1/2	4,510.74	1/2	4,152.20	1/2	3,793.32	1/2	3,434.43	1/2	3,075.55	1/2	2,716.51
3/4		3/4		3/4		3/4	4,860.34	3/4	4,503.28	3/4	4,144.73	3/4	3,785.84	3/4	3,426.95	3/4	3,068.07	3/4	2,709.03
5		5		5		5	4,852.93	5	4,495.83	5	4,137.25	5	3,778.36	5	3,419.48	5	3,060.59	5	2,701.55
1/4		1/4		1/4		1/4	4,845.51	1/4	4,488.37	1/4	4,129.77	1/4	3,770.89	1/4	3,412.00	1/4	3,053.11	1/4	2,694.07
1/2		1/2		1/2		1/2	4,838.09	1/2	4,480.92	1/2	4,122.30	1/2	3,763.41	1/2	3,404.52	1/2	3,045.64	1/2	2,686.59
3/4		3/4		3/4		3/4	4,830.68	3/4	4,473.46	3/4	4,114.82	3/4	3,755.93	3/4	3,397.05	3/4	3,038.16	3/4	2,679.11
6		6		6		6	4,823.26	6	4,466.01	6	4,107.34	6	3,748.46	6	3,389.57	6	3,030.68	6	2,671.63
1/4		1/4		1/4		1/4	4,815.85	1/4	4,458.55	1/4	4,099.87	1/4	3,740.98	1/4	3,382.09	1/4	3,023.21	1/4	2,664.15
1/2		1/2		1/2		1/2	4,808.43	1/2	4,451.10	1/2	4,092.39	1/2	3,733.50	1/2	3,374.62	1/2	3,015.73	1/2	2,656.67
3/4		3/4		3/4		3/4	4,801.02	3/4	4,443.64	3/4	4,084.91	3/4	3,726.03	3/4	3,367.14	3/4	3,008.25	3/4	2,649.19
7		7		7		7	4,793.60	7	4,436.19	7	4,077.44	7	3,718.55	7	3,359.66	7	3,000.78	7	2,641.71
1/4		1/4		1/4		1/4	4,786.19	1/4	4,428.73	1/4	4,069.96	1/4	3,711.07	1/4	3,352.19	1/4	2,993.30	1/4	2,634.23
1/2		1/2		1/2		1/2	4,778.77	1/2	4,421.28	1/2	4,062.48	1/2	3,703.60	1/2	3,344.71	1/2	2,985.82	1/2	2,626.74
3/4		3/4		3/4		3/4	4,771.35	3/4	4,413.82	3/4	4,055.01	3/4	3,696.12	3/4	3,337.23	3/4	2,978.34	3/4	2,619.26
8		8		8		8	4,763.94	8	4,406.37	8	4,047.53	8	3,688.64	8	3,329.76	8	2,970.86	8	2,611.78
1/4		1/4		1/4		1/4	4,756.52	1/4	4,398.91	1/4	4,040.05	1/4	3,681.17	1/4	3,322.28	1/4	2,963.38	1/4	2,604.30
1/2		1/2		1/2		1/2	4,749.11	1/2	4,391.44	1/2	4,032.58	1/2	3,673.69	1/2	3,314.80	1/2	2,955.90	1/2	2,596.82
3/4		3/4		3/4		3/4	4,741.69	3/4	4,383.97	3/4	4,025.10	3/4	3,666.21	3/4	3,307.33	3/4	2,948.42	3/4	2,589.34
9		9		9	5,078.58	9	4,734.28	9	4,376.50	9	4,017.62	9	3,658.74	9	3,299.85	9	2,940.94	9	2,581.86
1/4		1/4		1/4	5,073.83	1/4	4,726.86	1/4	4,369.03	1/4	4,010.15	1/4	3,651.26	1/4	3,292.37	1/4	2,933.46	1/4	2,574.38
1/2		1/2		1/2	5,068.02	1/2	4,719.42	1/2	4,361.55	1/2	4,002.67	1/2	3,643.78	1/2	3,284.90	1/2	2,925.98	1/2	2,566.90
3/4		3/4		3/4	5,062.20	3/4	4,711.99	3/4	4,354.08	3/4	3,995.19	3/4	3,636.31	3/4	3,277.42	3/4	2,918.50	3/4	2,559.42
10		10		10	5,056.38	10	4,704.55	10	4,346.60	10	3,987.71	10	3,628.83	10	3,269.94	10	2,911.02	10	2,551.94
1/4		1/4		1/4	5,050.57	1/4	4,697.12	1/4	4,339.12	1/4	3,980.24	1/4	3,621.35	1/4	3,262.47	1/4	2,903.54	1/4	2,544.45
1/2		1/2		1/2	5,043.75	1/2	4,689.66	1/2	4,331.65	1/2	3,972.76	1/2	3,613.87	1/2	3,254.99	1/2	2,896.06	1/2	2,536.97
3/4		3/4		3/4	5,036.93	3/4	4,682.21	3/4	4,324.17	3/4	3,965.28	3/4	3,606.40	3/4	3,247.51	3/4	2,888.58	3/4	2,529.49
11		11		11	5,030.11	11	4,674.75	11	4,316.69	11	3,957.81	11	3,598.92	11	3,240.03	11	2,881.09	11	2,522.01
1/4		1/4		1/4	5,023.29	1/4	4,667.30	1/4	4,309.22	1/4	3,950.33	1/4	3,591.44	1/4	3,232.56	1/4	2,873.61	1/4	2,514.53
1/2		1/2		1/2	5,015.94	1/2	4,659.84	1/2	4,301.74	1/2	3,942.85	1/2	3,583.97	1/2	3,225.08	1/2	2,866.13	1/2	2,507.05
3/4		3/4		3/4	5,008.58	3/4	4,652.39	3/4	4,294.26	3/4	3,935.38	3/4	3,576.49	3/4	3,217.60	3/4	2,858.65	3/4	2,499.57

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'-06" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3134"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	2,492.09	0	2,133.00	0	1,773.92	0	1,414.84	0	1,060.69	0	711.03	0	351.95	0		0		0	
1/4	2,484.61	1/4	2,125.52	1/4	1,766.44	1/4	1,407.36	1/4	1,053.51	1/4	703.55	1/4	344.47	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,477.13	1/2	2,118.04	1/2	1,758.96	1/2	1,399.88	1/2	1,046.34	1/2	696.07	1/2	336.99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,469.65	3/4	2,110.56	3/4	1,751.48	3/4	1,392.40	3/4	1,039.16	3/4	688.58	3/4	329.51	3/4	3/4	3/4	3/4	3/4	3/4
1	2,462.16	1	2,103.08	1	1,744.00	1	1,384.91	1	1,031.98	1	681.10	1	322.03	1	1	1	1	1	1
1/4	2,454.68	1/4	2,095.60	1/4	1,736.52	1/4	1,377.43	1/4	1,024.80	1/4	673.62	1/4	314.55	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,447.20	1/2	2,088.12	1/2	1,729.04	1/2	1,369.95	1/2	1,017.63	1/2	666.14	1/2	307.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,439.72	3/4	2,080.64	3/4	1,721.56	3/4	1,362.47	3/4	1,010.45	3/4	658.66	3/4	299.59	3/4	3/4	3/4	3/4	3/4	3/4
2	2,432.24	2	2,073.16	2	1,714.07	2	1,354.99	2	1,003.27	2	651.18	2	292.11	2	2	2	2	2	2
1/4	2,424.76	1/4	2,065.68	1/4	1,706.59	1/4	1,347.51	1/4	996.10	1/4	643.70	1/4	284.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,417.28	1/2	2,058.20	1/2	1,699.11	1/2	1,340.03	1/2	988.92	1/2	636.22	1/2	277.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,409.80	3/4	2,050.71	3/4	1,691.63	3/4	1,332.55	3/4	981.74	3/4	628.74	3/4	269.67	3/4	3/4	3/4	3/4	3/4	3/4
3	2,402.32	3	2,043.23	3	1,684.15	3	1,325.07	3	974.56	3	621.26	3	262.18	3	3	3	3	3	3
1/4	2,394.84	1/4	2,035.75	1/4	1,676.67	1/4	1,317.59	1/4	967.39	1/4	613.78	1/4	254.70	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,387.36	1/2	2,028.27	1/2	1,669.19	1/2	1,310.11	1/2	960.21	1/2	606.30	1/2	247.22	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,379.87	3/4	2,020.79	3/4	1,661.71	3/4	1,302.62	3/4	953.03	3/4	598.82	3/4	239.74	3/4	3/4	3/4	3/4	3/4	3/4
4	2,372.39	4	2,013.31	4	1,654.23	4	1,295.14	4	945.85	4	591.34	4	232.26	4	4	4	4	4	4
1/4	2,364.91	1/4	2,005.83	1/4	1,646.75	1/4	1,287.66	1/4	938.68	1/4	583.86	1/4	224.78	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,357.43	1/2	1,998.35	1/2	1,639.27	1/2	1,280.18	1/2	931.50	1/2	576.37	1/2	217.30	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,349.95	3/4	1,990.87	3/4	1,631.78	3/4	1,272.70	3/4	924.32	3/4	568.89	3/4	209.82	3/4	3/4	3/4	3/4	3/4	3/4
5	2,342.47	5	1,983.39	5	1,624.30	5	1,265.22	5	917.15	5	561.41	5	202.34	5	5	5	5	5	5
1/4	2,334.99	1/4	1,975.91	1/4	1,616.82	1/4	1,257.74	1/4	909.97	1/4	553.93	1/4	194.86	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,327.51	1/2	1,968.42	1/2	1,609.34	1/2	1,250.26	1/2	902.79	1/2	546.45	1/2	187.38	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,320.03	3/4	1,960.94	3/4	1,601.86	3/4	1,242.78	3/4	895.61	3/4	538.97	3/4	179.90	3/4	3/4	3/4	3/4	3/4	3/4
6	2,312.55	6	1,953.46	6	1,594.38	6	1,235.30	6	888.44	6	531.49	6	172.42	6	6	6	6	6	6
1/4	2,305.07	1/4	1,945.98	1/4	1,586.90	1/4	1,227.82	1/4	881.26	1/4	524.01	1/4	164.94	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,297.58	1/2	1,938.50	1/2	1,579.42	1/2	1,220.33	1/2	874.08	1/2	516.53	1/2	157.46	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,290.10	3/4	1,931.02	3/4	1,571.94	3/4	1,212.85	3/4	866.91	3/4	509.05	3/4	149.97	3/4	3/4	3/4	3/4	3/4	3/4
7	2,282.62	7	1,923.54	7	1,564.46	7	1,205.37	7	859.73	7	501.57	7	142.49	7	7	7	7	7	7
1/4	2,275.14	1/4	1,916.06	1/4	1,556.98	1/4	1,197.89	1/4	852.55	1/4	494.09	1/4	135.01	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,267.66	1/2	1,908.58	1/2	1,549.49	1/2	1,190.55	1/2	845.22	1/2	486.61	1/2	127.53	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,260.18	3/4	1,901.10	3/4	1,542.01	3/4	1,183.21	3/4	837.89	3/4	479.13	3/4	120.05	3/4	3/4	3/4	3/4	3/4	3/4
8	2,252.70	8	1,893.62	8	1,534.53	8	1,175.73	8	830.57	8	471.64	8	112.57	8	8	8	8	8	8
1/4	2,245.22	1/4	1,886.14	1/4	1,527.05	1/4	1,168.25	1/4	823.24	1/4	464.16	1/4	105.09	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,237.74	1/2	1,878.65	1/2	1,519.57	1/2	1,160.77	1/2	815.76	1/2	456.68	1/2	97.61	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,230.26	3/4	1,871.17	3/4	1,512.09	3/4	1,153.29	3/4	808.28	3/4	449.20	3/4	90.13	3/4	3/4	3/4	3/4	3/4	3/4
9	2,222.78	9	1,863.69	9	1,504.61	9	1,145.81	9	800.80	9	441.72	9	82.65	9	9	9	9	9	9
1/4	2,215.29	1/4	1,856.21	1/4	1,497.13	1/4	1,138.33	1/4	793.31	1/4	434.24	1/4	75.17	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,207.81	1/2	1,848.73	1/2	1,489.65	1/2	1,130.85	1/2	785.83	1/2	426.76	1/2	68.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,200.33	3/4	1,841.25	3/4	1,482.17	3/4	1,123.37	3/4	778.35	3/4	419.28	3/4	61.14	3/4	3/4	3/4	3/4	3/4	3/4
10	2,192.85	10	1,833.77	10	1,474.69	10	1,115.89	10	770.87	10	411.80	10	54.13	10	10	10	10	10	10
1/4	2,185.37	1/4	1,826.29	1/4	1,467.21	1/4	1,108.41	1/4	763.39	1/4	404.32	1/4	47.12	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,177.89	1/2	1,818.81	1/2	1,459.72	1/2	1,100.93	1/2	755.91	1/2	396.84	1/2	41.50	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,170.41	3/4	1,811.33	3/4	1,452.24	3/4	1,093.45	3/4	748.43	3/4	389.36	3/4	35.89	3/4	3/4	3/4	3/4	3/4	3/4
11	2,162.93	11	1,803.85	11	1,444.76	11	1,085.97	11	740.95	11	381.88	11	30.28	11	11	11	11	11	11
1/4	2,155.45	1/4	1,796.36	1/4	1,437.28	1/4	1,078.49	1/4	733.47	1/4	374.40	1/4	24.67	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,147.97	1/2	1,788.88	1/2	1,429.80	1/2	1,070.99	1/2	725.99	1/2	366.91	1/2	20.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,140.49	3/4	1,781.40	3/4	1,422.32	3/4	1,063.51	3/4	718.51	3/4	359.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/15/2014 CL
RECALCULATED: 01/22/2020 SW
REPRINTED: 01/22/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "HTCO 3134"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-11 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,015.11	0	4,658.82	0	4,300.70	0	3,941.81	0	3,582.92	0	3,224.02	0	2,865.06
1/4		1/4		1/4		1/4	5,007.76	1/4	4,651.37	1/4	4,293.22	1/4	3,934.33	1/4	3,575.44	1/4	3,216.55	1/4	2,857.58
1/2		1/2		1/2		1/2	5,000.34	1/2	4,643.91	1/2	4,285.74	1/2	3,926.85	1/2	3,567.96	1/2	3,209.07	1/2	2,850.10
3/4		3/4		3/4		3/4	4,992.92	3/4	4,636.46	3/4	4,278.27	3/4	3,919.38	3/4	3,560.48	3/4	3,201.59	3/4	2,842.62
1		1		1		1	4,985.50	1	4,629.00	1	4,270.79	1	3,911.90	1	3,553.01	1	3,194.12	1	2,835.14
1/4		1/4		1/4		1/4	4,978.08	1/4	4,621.55	1/4	4,263.31	1/4	3,904.42	1/4	3,545.53	1/4	3,186.64	1/4	2,827.66
1/2		1/2		1/2		1/2	4,970.66	1/2	4,614.09	1/2	4,255.84	1/2	3,896.95	1/2	3,538.05	1/2	3,179.16	1/2	2,820.18
3/4		3/4		3/4		3/4	4,963.24	3/4	4,606.64	3/4	4,248.36	3/4	3,889.47	3/4	3,530.58	3/4	3,171.69	3/4	2,812.70
2		2		2		2	4,955.83	2	4,599.18	2	4,240.88	2	3,881.99	2	3,523.10	2	3,164.21	2	2,805.22
1/4		1/4		1/4		1/4	4,948.41	1/4	4,591.73	1/4	4,233.41	1/4	3,874.51	1/4	3,515.62	1/4	3,156.73	1/4	2,797.74
1/2		1/2		1/2		1/2	4,940.99	1/2	4,584.27	1/2	4,225.93	1/2	3,867.04	1/2	3,508.15	1/2	3,149.26	1/2	2,790.26
3/4		3/4		3/4		3/4	4,933.57	3/4	4,576.82	3/4	4,218.45	3/4	3,859.56	3/4	3,500.67	3/4	3,141.78	3/4	2,782.77
3		3		3		3	4,926.15	3	4,569.36	3	4,210.97	3	3,852.08	3	3,493.19	3	3,134.30	3	2,775.29
1/4		1/4		1/4		1/4	4,918.73	1/4	4,561.91	1/4	4,203.50	1/4	3,844.61	1/4	3,485.72	1/4	3,126.82	1/4	2,767.81
1/2		1/2		1/2		1/2	4,911.31	1/2	4,554.45	1/2	4,196.02	1/2	3,837.13	1/2	3,478.24	1/2	3,119.35	1/2	2,760.33
3/4		3/4		3/4		3/4	4,903.89	3/4	4,547.00	3/4	4,188.54	3/4	3,829.65	3/4	3,470.76	3/4	3,111.87	3/4	2,752.85
4		4		4		4	4,896.48	4	4,539.54	4	4,181.07	4	3,822.18	4	3,463.28	4	3,104.39	4	2,745.37
1/4		1/4		1/4		1/4	4,889.06	1/4	4,532.09	1/4	4,173.59	1/4	3,814.70	1/4	3,455.81	1/4	3,096.92	1/4	2,737.89
1/2		1/2		1/2		1/2	4,881.64	1/2	4,524.63	1/2	4,166.11	1/2	3,807.22	1/2	3,448.33	1/2	3,089.44	1/2	2,730.41
3/4		3/4		3/4		3/4	4,874.23	3/4	4,517.18	3/4	4,158.64	3/4	3,799.75	3/4	3,440.85	3/4	3,081.96	3/4	2,722.93
5		5		5		5	4,866.81	5	4,509.72	5	4,151.16	5	3,792.27	5	3,433.38	5	3,074.49	5	2,715.45
1/4		1/4		1/4		1/4	4,859.40	1/4	4,502.27	1/4	4,143.68	1/4	3,784.79	1/4	3,425.90	1/4	3,067.01	1/4	2,707.97
1/2		1/2		1/2		1/2	4,851.98	1/2	4,494.81	1/2	4,136.21	1/2	3,777.31	1/2	3,418.42	1/2	3,059.53	1/2	2,700.49
3/4		3/4		3/4		3/4	4,844.57	3/4	4,487.36	3/4	4,128.73	3/4	3,769.84	3/4	3,410.95	3/4	3,052.06	3/4	2,693.00
6		6		6		6	4,837.15	6	4,479.90	6	4,121.25	6	3,762.36	6	3,403.47	6	3,044.58	6	2,685.52
1/4		1/4		1/4		1/4	4,829.74	1/4	4,472.44	1/4	4,113.78	1/4	3,754.88	1/4	3,395.99	1/4	3,037.10	1/4	2,678.04
1/2		1/2		1/2		1/2	4,822.32	1/2	4,464.99	1/2	4,106.30	1/2	3,747.41	1/2	3,388.52	1/2	3,029.62	1/2	2,670.56
3/4		3/4		3/4		3/4	4,814.90	3/4	4,457.53	3/4	4,098.82	3/4	3,739.93	3/4	3,381.04	3/4	3,022.15	3/4	2,663.08
7		7		7		7	4,807.49	7	4,450.08	7	4,091.34	7	3,732.45	7	3,373.56	7	3,014.67	7	2,655.60
1/4		1/4		1/4		1/4	4,800.07	1/4	4,442.62	1/4	4,083.87	1/4	3,724.98	1/4	3,366.09	1/4	3,007.19	1/4	2,648.12
1/2		1/2		1/2		1/2	4,792.66	1/2	4,435.17	1/2	4,076.39	1/2	3,717.50	1/2	3,358.61	1/2	2,999.72	1/2	2,640.64
3/4		3/4		3/4		3/4	4,785.24	3/4	4,427.71	3/4	4,068.91	3/4	3,710.02	3/4	3,351.13	3/4	2,992.24	3/4	2,633.16
8		8		8		8	4,777.83	8	4,420.26	8	4,061.44	8	3,702.55	8	3,343.65	8	2,984.76	8	2,625.68
1/4		1/4		1/4		1/4	4,770.41	1/4	4,412.80	1/4	4,053.96	1/4	3,695.07	1/4	3,336.18	1/4	2,977.28	1/4	2,618.20
1/2		1/2		1/2		1/2	4,763.00	1/2	4,405.34	1/2	4,046.48	1/2	3,687.59	1/2	3,328.70	1/2	2,969.80	1/2	2,610.71
3/4		3/4		3/4		3/4	4,755.58	3/4	4,397.87	3/4	4,039.01	3/4	3,680.12	3/4	3,321.22	3/4	2,962.32	3/4	2,603.23
9		9		9	5,092.46	9	4,748.17	9	4,390.41	9	4,031.53	9	3,672.64	9	3,313.75	9	2,954.84	9	2,595.75
1/4		1/4		1/4	5,087.71	1/4	4,740.75	1/4	4,382.94	1/4	4,024.05	1/4	3,665.16	1/4	3,306.27	1/4	2,947.35	1/4	2,588.27
1/2		1/2		1/2	5,081.90	1/2	4,733.32	1/2	4,375.47	1/2	4,016.58	1/2	3,657.68	1/2	3,298.79	1/2	2,939.87	1/2	2,580.79
3/4		3/4		3/4	5,076.08	3/4	4,725.88	3/4	4,367.99	3/4	4,009.10	3/4	3,650.21	3/4	3,291.32	3/4	2,932.39	3/4	2,573.31
10		10		10	5,070.26	10	4,718.45	10	4,360.51	10	4,001.62	10	3,642.73	10	3,283.84	10	2,924.91	10	2,565.83
1/4		1/4		1/4	5,064.45	1/4	4,711.01	1/4	4,353.04	1/4	3,994.14	1/4	3,635.25	1/4	3,276.36	1/4	2,917.43	1/4	2,558.35
1/2		1/2		1/2	5,057.63	1/2	4,703.56	1/2	4,345.56	1/2	3,986.67	1/2	3,627.78	1/2	3,268.89	1/2	2,909.95	1/2	2,550.87
3/4		3/4		3/4	5,050.81	3/4	4,696.10	3/4	4,338.08	3/4	3,979.19	3/4	3,620.30	3/4	3,261.41	3/4	2,902.47	3/4	2,543.39
11		11		11	5,043.99	11	4,688.65	11	4,330.61	11	3,971.71	11	3,612.82	11	3,253.93	11	2,894.99	11	2,535.91
1/4		1/4		1/4	5,037.17	1/4	4,681.19	1/4	4,323.13	1/4	3,964.24	1/4	3,605.35	1/4	3,246.45	1/4	2,887.51	1/4	2,528.42
1/2		1/2		1/2	5,029.82	1/2	4,673.74	1/2	4,315.65	1/2	3,956.76	1/2	3,597.87	1/2	3,238.98	1/2	2,880.03	1/2	2,520.94
3/4		3/4		3/4	5,022.47	3/4	4,666.28	3/4	4,308.17	3/4	3,949.28	3/4	3,590.39	3/4	3,231.50	3/4	2,872.55	3/4	2,513.46

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'-06" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "HTCO 3134"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-11 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	2,505.98	0	2,146.90	0	1,787.82	0	1,428.73	0	1,069.71	0	711.03	0	351.96	0		0		0	
1/4	2,498.50	1/4	2,139.42	1/4	1,780.33	1/4	1,421.25	1/4	1,062.24	1/4	703.55	1/4	344.48	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,491.02	1/2	2,131.94	1/2	1,772.85	1/2	1,413.77	1/2	1,054.77	1/2	696.07	1/2	337.00	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,483.54	3/4	2,124.46	3/4	1,765.37	3/4	1,406.29	3/4	1,047.30	3/4	688.59	3/4	329.52	3/4	3/4	3/4	3/4	3/4	3/4
1	2,476.06	1	2,116.97	1	1,757.89	1	1,398.81	1	1,039.83	1	681.11	1	322.03	1	1	1	1	1	1
1/4	2,468.58	1/4	2,109.49	1/4	1,750.41	1/4	1,391.33	1/4	1,032.37	1/4	673.63	1/4	314.55	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,461.10	1/2	2,102.01	1/2	1,742.93	1/2	1,383.85	1/2	1,024.90	1/2	666.15	1/2	307.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,453.62	3/4	2,094.53	3/4	1,735.45	3/4	1,376.37	3/4	1,017.43	3/4	658.67	3/4	299.59	3/4	3/4	3/4	3/4	3/4	3/4
2	2,446.13	2	2,087.05	2	1,727.97	2	1,368.88	2	1,009.96	2	651.19	2	292.11	2	2	2	2	2	2
1/4	2,438.65	1/4	2,079.57	1/4	1,720.49	1/4	1,361.40	1/4	1,002.49	1/4	643.70	1/4	284.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,431.17	1/2	2,072.09	1/2	1,713.01	1/2	1,353.92	1/2	995.03	1/2	636.22	1/2	277.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,423.69	3/4	2,064.61	3/4	1,705.53	3/4	1,346.44	3/4	987.56	3/4	628.74	3/4	269.67	3/4	3/4	3/4	3/4	3/4	3/4
3	2,416.21	3	2,057.13	3	1,698.04	3	1,338.96	3	980.09	3	621.26	3	262.19	3	3	3	3	3	3
1/4	2,408.73	1/4	2,049.65	1/4	1,690.56	1/4	1,331.48	1/4	972.62	1/4	613.78	1/4	254.71	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,401.25	1/2	2,042.17	1/2	1,683.08	1/2	1,324.00	1/2	965.15	1/2	606.30	1/2	247.23	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,393.77	3/4	2,034.68	3/4	1,675.60	3/4	1,316.52	3/4	957.69	3/4	598.82	3/4	239.75	3/4	3/4	3/4	3/4	3/4	3/4
4	2,386.29	4	2,027.20	4	1,668.12	4	1,309.04	4	950.22	4	591.34	4	232.27	4	4	4	4	4	4
1/4	2,378.81	1/4	2,019.72	1/4	1,660.64	1/4	1,301.56	1/4	942.75	1/4	583.86	1/4	224.79	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,371.33	1/2	2,012.24	1/2	1,653.16	1/2	1,294.08	1/2	935.28	1/2	576.38	1/2	217.30	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,363.84	3/4	2,004.76	3/4	1,645.68	3/4	1,286.59	3/4	927.82	3/4	568.90	3/4	209.82	3/4	3/4	3/4	3/4	3/4	3/4
5	2,356.36	5	1,997.28	5	1,638.20	5	1,279.11	5	920.35	5	561.42	5	202.34	5	5	5	5	5	5
1/4	2,348.88	1/4	1,989.80	1/4	1,630.72	1/4	1,271.63	1/4	912.88	1/4	553.94	1/4	194.86	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,341.40	1/2	1,982.32	1/2	1,623.24	1/2	1,264.15	1/2	905.41	1/2	546.46	1/2	187.38	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,333.92	3/4	1,974.84	3/4	1,615.75	3/4	1,256.67	3/4	897.94	3/4	538.97	3/4	179.90	3/4	3/4	3/4	3/4	3/4	3/4
6	2,326.44	6	1,967.36	6	1,608.27	6	1,249.19	6	890.48	6	531.49	6	172.42	6	6	6	6	6	6
1/4	2,318.96	1/4	1,959.88	1/4	1,600.79	1/4	1,241.71	1/4	883.01	1/4	524.01	1/4	164.94	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,311.48	1/2	1,952.40	1/2	1,593.31	1/2	1,234.23	1/2	875.54	1/2	516.53	1/2	157.46	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,304.00	3/4	1,944.91	3/4	1,585.83	3/4	1,226.75	3/4	868.07	3/4	509.05	3/4	149.98	3/4	3/4	3/4	3/4	3/4	3/4
7	2,296.52	7	1,937.43	7	1,578.35	7	1,219.27	7	860.60	7	501.57	7	142.50	7	7	7	7	7	7
1/4	2,289.04	1/4	1,929.95	1/4	1,570.87	1/4	1,211.79	1/4	853.14	1/4	494.09	1/4	135.02	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,281.55	1/2	1,922.47	1/2	1,563.39	1/2	1,204.31	1/2	845.66	1/2	486.61	1/2	127.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,274.07	3/4	1,914.99	3/4	1,555.91	3/4	1,196.82	3/4	838.19	3/4	479.13	3/4	120.06	3/4	3/4	3/4	3/4	3/4	3/4
8	2,266.59	8	1,907.51	8	1,548.43	8	1,189.34	8	830.72	8	471.65	8	112.58	8	8	8	8	8	8
1/4	2,259.11	1/4	1,900.03	1/4	1,540.95	1/4	1,181.86	1/4	823.24	1/4	464.17	1/4	105.09	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,251.63	1/2	1,892.55	1/2	1,533.46	1/2	1,174.38	1/2	815.76	1/2	456.69	1/2	97.61	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,244.15	3/4	1,885.07	3/4	1,525.98	3/4	1,166.90	3/4	808.28	3/4	449.21	3/4	90.13	3/4	3/4	3/4	3/4	3/4	3/4
9	2,236.67	9	1,877.59	9	1,518.50	9	1,159.42	9	800.80	9	441.73	9	82.65	9	9	9	9	9	9
1/4	2,229.19	1/4	1,870.11	1/4	1,511.02	1/4	1,151.94	1/4	793.32	1/4	434.25	1/4	75.17	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,221.71	1/2	1,862.62	1/2	1,503.54	1/2	1,144.46	1/2	785.84	1/2	426.76	1/2	68.16	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,214.23	3/4	1,855.14	3/4	1,496.06	3/4	1,136.98	3/4	778.36	3/4	419.28	3/4	61.15	3/4	3/4	3/4	3/4	3/4	3/4
10	2,206.75	10	1,847.66	10	1,488.58	10	1,129.50	10	770.88	10	411.80	10	54.13	10	10	10	10	10	10
1/4	2,199.26	1/4	1,840.18	1/4	1,481.10	1/4	1,122.03	1/4	763.40	1/4	404.32	1/4	47.12	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,191.78	1/2	1,832.70	1/2	1,473.62	1/2	1,114.55	1/2	755.92	1/2	396.84	1/2	41.51	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,184.30	3/4	1,825.22	3/4	1,466.14	3/4	1,107.08	3/4	748.43	3/4	389.36	3/4	35.90	3/4	3/4	3/4	3/4	3/4	3/4
11	2,176.82	11	1,817.74	11	1,458.66	11	1,099.60	11	740.95	11	381.88	11	30.29	11	11	11	11	11	11
1/4	2,169.34	1/4	1,810.26	1/4	1,451.17	1/4	1,092.13	1/4	733.47	1/4	374.40	1/4	24.68	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,161.86	1/2	1,802.78	1/2	1,443.69	1/2	1,084.65	1/2	725.99	1/2	366.92	1/2	20.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,154.38	3/4	1,795.30	3/4	1,436.21	3/4	1,077.18	3/4	718.51	3/4	359.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/15/2014 CL
RECALCULATED: 01/22/2020 SW
REPRINTED: 01/22/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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





BARGE "HTCO 3134"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,536.71	0	4,291.46	0	4,044.94	0	3,797.90	0	3,543.45	0	3,188.48	0	2,832.18
1/4		1/4		1/4		1/4	4,531.67	1/4	4,286.33	1/4	4,039.79	1/4	3,792.76	1/4	3,536.60	1/4	3,181.06	1/4	2,824.75
1/2		1/2		1/2		1/2	4,526.56	1/2	4,281.20	1/2	4,034.64	1/2	3,787.61	1/2	3,529.19	1/2	3,173.64	1/2	2,817.33
3/4		3/4		3/4		3/4	4,521.45	3/4	4,276.07	3/4	4,029.50	3/4	3,782.46	3/4	3,521.77	3/4	3,166.21	3/4	2,809.90
1		1		1		1	4,516.35	1	4,270.93	1	4,024.35	1	3,777.32	1	3,514.36	1	3,158.79	1	2,802.48
1/4		1/4		1/4		1/4	4,511.24	1/4	4,265.80	1/4	4,019.20	1/4	3,772.17	1/4	3,506.95	1/4	3,151.37	1/4	2,795.05
1/2		1/2		1/2		1/2	4,506.13	1/2	4,260.67	1/2	4,014.06	1/2	3,767.03	1/2	3,499.54	1/2	3,143.95	1/2	2,787.63
3/4		3/4		3/4		3/4	4,501.02	3/4	4,255.54	3/4	4,008.91	3/4	3,761.88	3/4	3,492.13	3/4	3,136.53	3/4	2,780.20
2		2		2		2	4,495.92	2	4,250.41	2	4,003.76	2	3,756.73	2	3,484.73	2	3,129.10	2	2,772.78
1/4		1/4		1/4		1/4	4,490.81	1/4	4,245.27	1/4	3,998.62	1/4	3,751.59	1/4	3,477.32	1/4	3,121.68	1/4	2,765.35
1/2		1/2		1/2		1/2	4,485.70	1/2	4,240.14	1/2	3,993.47	1/2	3,746.44	1/2	3,469.92	1/2	3,114.26	1/2	2,757.93
3/4		3/4		3/4		3/4	4,480.59	3/4	4,235.01	3/4	3,988.32	3/4	3,741.29	3/4	3,462.52	3/4	3,106.84	3/4	2,750.50
3		3		3		3	4,475.49	3	4,229.88	3	3,983.18	3	3,736.15	3	3,455.12	3	3,099.41	3	2,743.08
1/4		1/4		1/4		1/4	4,470.38	1/4	4,224.75	1/4	3,978.03	1/4	3,731.00	1/4	3,447.71	1/4	3,091.99	1/4	2,735.65
1/2		1/2		1/2		1/2	4,465.27	1/2	4,219.61	1/2	3,972.89	1/2	3,725.85	1/2	3,440.31	1/2	3,084.57	1/2	2,728.23
3/4		3/4		3/4		3/4	4,460.17	3/4	4,214.48	3/4	3,967.74	3/4	3,720.71	3/4	3,432.91	3/4	3,077.15	3/4	2,720.80
4		4		4		4	4,455.06	4	4,209.35	4	3,962.59	4	3,715.56	4	3,425.51	4	3,069.73	4	2,713.38
1/4		1/4		1/4		1/4	4,449.96	1/4	4,204.22	1/4	3,957.45	1/4	3,710.41	1/4	3,418.11	1/4	3,062.30	1/4	2,705.95
1/2		1/2		1/2		1/2	4,444.85	1/2	4,199.09	1/2	3,952.30	1/2	3,705.27	1/2	3,410.71	1/2	3,054.88	1/2	2,698.53
3/4		3/4		3/4		3/4	4,439.75	3/4	4,193.95	3/4	3,947.15	3/4	3,700.12	3/4	3,403.31	3/4	3,047.46	3/4	2,691.10
5		5		5		5	4,434.64	5	4,188.82	5	3,942.01	5	3,694.97	5	3,395.90	5	3,040.04	5	2,683.68
1/4		1/4		1/4		1/4	4,429.54	1/4	4,183.69	1/4	3,936.86	1/4	3,689.83	1/4	3,388.50	1/4	3,032.62	1/4	2,676.25
1/2		1/2		1/2		1/2	4,424.43	1/2	4,178.56	1/2	3,931.71	1/2	3,684.68	1/2	3,381.10	1/2	3,025.19	1/2	2,668.83
3/4		3/4		3/4		3/4	4,419.33	3/4	4,173.43	3/4	3,926.57	3/4	3,679.53	3/4	3,373.70	3/4	3,017.77	3/4	2,661.41
6		6		6		6	4,414.22	6	4,168.29	6	3,921.42	6	3,674.39	6	3,366.30	6	3,010.35	6	2,653.98
1/4		1/4		1/4		1/4	4,409.12	1/4	4,163.16	1/4	3,916.27	1/4	3,669.24	1/4	3,358.90	1/4	3,002.93	1/4	2,646.56
1/2		1/2		1/2		1/2	4,404.01	1/2	4,158.03	1/2	3,911.13	1/2	3,664.10	1/2	3,351.50	1/2	2,995.51	1/2	2,639.13
3/4		3/4		3/4		3/4	4,398.91	3/4	4,152.90	3/4	3,905.98	3/4	3,658.95	3/4	3,344.10	3/4	2,988.08	3/4	2,631.71
7		7		7		7	4,393.80	7	4,147.77	7	3,900.83	7	3,653.80	7	3,336.69	7	2,980.66	7	2,624.28
1/4		1/4		1/4		1/4	4,388.70	1/4	4,142.63	1/4	3,895.69	1/4	3,648.66	1/4	3,329.29	1/4	2,973.24	1/4	2,616.86
1/2		1/2		1/2		1/2	4,383.60	1/2	4,137.50	1/2	3,890.54	1/2	3,643.51	1/2	3,321.89	1/2	2,965.82	1/2	2,609.43
3/4		3/4		3/4		3/4	4,378.49	3/4	4,132.37	3/4	3,885.39	3/4	3,638.36	3/4	3,314.49	3/4	2,958.39	3/4	2,602.00
8		8		8		8	4,373.39	8	4,127.24	8	3,880.25	8	3,633.22	8	3,307.09	8	2,950.97	8	2,594.57
1/4		1/4		1/4		1/4	4,368.28	1/4	4,122.11	1/4	3,875.10	1/4	3,628.07	1/4	3,299.69	1/4	2,943.55	1/4	2,587.14
1/2		1/2		1/2		1/2	4,363.18	1/2	4,116.97	1/2	3,869.96	1/2	3,622.92	1/2	3,292.29	1/2	2,936.12	1/2	2,579.71
3/4		3/4		3/4		3/4	4,358.07	3/4	4,111.83	3/4	3,864.81	3/4	3,617.78	3/4	3,284.88	3/4	2,928.70	3/4	2,572.28
9		9		9	4,586.36	9	4,352.97	9	4,106.69	9	3,859.66	9	3,612.63	9	3,277.48	9	2,921.27	9	2,564.85
1/4		1/4		1/4	4,583.91	1/4	4,347.86	1/4	4,101.55	1/4	3,854.52	1/4	3,607.48	1/4	3,270.08	1/4	2,913.85	1/4	2,557.41
1/2		1/2		1/2	4,580.40	1/2	4,342.74	1/2	4,096.40	1/2	3,849.37	1/2	3,602.34	1/2	3,262.67	1/2	2,906.42	1/2	2,549.98
3/4		3/4		3/4	4,576.89	3/4	4,337.62	3/4	4,091.25	3/4	3,844.22	3/4	3,597.19	3/4	3,255.26	3/4	2,899.00	3/4	2,542.55
10		10		10	4,573.38	10	4,332.51	10	4,086.11	10	3,839.08	10	3,592.04	10	3,247.85	10	2,891.57	10	2,535.12
1/4		1/4		1/4	4,569.87	1/4	4,327.39	1/4	4,080.96	1/4	3,833.93	1/4	3,586.90	1/4	3,240.43	1/4	2,884.15	1/4	2,527.69
1/2		1/2		1/2	4,565.36	1/2	4,322.25	1/2	4,075.82	1/2	3,828.78	1/2	3,581.76	1/2	3,233.01	1/2	2,876.72	1/2	2,520.25
3/4		3/4		3/4	4,560.85	3/4	4,317.12	3/4	4,070.67	3/4	3,823.64	3/4	3,576.61	3/4	3,225.59	3/4	2,869.30	3/4	2,512.82
11		11		11	4,556.34	11	4,311.99	11	4,065.52	11	3,818.49	11	3,569.74	11	3,218.17	11	2,861.87	11	2,505.39
1/4		1/4		1/4	4,551.83	1/4	4,306.86	1/4	4,060.38	1/4	3,813.34	1/4	3,564.61	1/4	3,210.75	1/4	2,854.45	1/4	2,497.96
1/2		1/2		1/2	4,546.79	1/2	4,301.73	1/2	4,055.23	1/2	3,808.20	1/2	3,559.48	1/2	3,203.32	1/2	2,847.03	1/2	2,490.53
3/4		3/4		3/4	4,541.75	3/4	4,296.59	3/4	4,050.08	3/4	3,803.05	3/4	3,554.35	3/4	3,195.90	3/4	2,839.60	3/4	2,483.10

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'-06" OFF CENTERLINE AND 45'-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 3134"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	2,475.72	0	2,121.22	0	1,766.43	0	1,409.69	0	1,056.64	0	706.94	0	350.03	0		0		0	
1/4	2,468.31	1/4	2,113.85	1/4	1,759.00	1/4	1,402.26	1/4	1,049.43	1/4	699.51	1/4	342.59	1/4		1/4		1/4	
1/2	2,460.91	1/2	2,106.48	1/2	1,751.56	1/2	1,394.82	1/2	1,042.23	1/2	692.07	1/2	335.16	1/2		1/2		1/2	
3/4	2,453.52	3/4	2,099.11	3/4	1,744.13	3/4	1,387.39	3/4	1,035.03	3/4	684.64	3/4	327.72	3/4		3/4		3/4	
1	2,446.13	1	2,091.74	1	1,736.70	1	1,379.96	1	1,027.83	1	677.20	1	320.29	1		1		1	
1/4	2,438.73	1/4	2,084.37	1/4	1,729.27	1/4	1,372.53	1/4	1,020.62	1/4	669.76	1/4	312.85	1/4		1/4		1/4	
1/2	2,431.34	1/2	2,077.01	1/2	1,721.84	1/2	1,365.10	1/2	1,013.42	1/2	662.33	1/2	305.42	1/2		1/2		1/2	
3/4	2,423.94	3/4	2,069.64	3/4	1,714.40	3/4	1,357.66	3/4	1,006.22	3/4	654.89	3/4	297.98	3/4		3/4		3/4	
2	2,416.55	2	2,062.27	2	1,706.97	2	1,350.23	2	999.02	2	647.45	2	290.55	2		2		2	
1/4	2,409.16	1/4	2,054.90	1/4	1,699.54	1/4	1,342.80	1/4	991.81	1/4	640.02	1/4	283.11	1/4		1/4		1/4	
1/2	2,401.76	1/2	2,047.53	1/2	1,692.11	1/2	1,335.37	1/2	984.61	1/2	632.58	1/2	275.68	1/2		1/2		1/2	
3/4	2,394.37	3/4	2,040.16	3/4	1,684.68	3/4	1,327.93	3/4	977.41	3/4	625.15	3/4	268.24	3/4		3/4		3/4	
3	2,386.98	3	2,032.79	3	1,677.24	3	1,320.50	3	970.21	3	617.71	3	260.81	3		3		3	
1/4	2,379.58	1/4	2,025.42	1/4	1,669.81	1/4	1,313.07	1/4	963.00	1/4	610.27	1/4	253.37	1/4		1/4		1/4	
1/2	2,372.19	1/2	2,018.05	1/2	1,662.38	1/2	1,305.64	1/2	955.80	1/2	602.84	1/2	245.93	1/2		1/2		1/2	
3/4	2,364.80	3/4	2,010.68	3/4	1,654.95	3/4	1,298.21	3/4	948.60	3/4	595.40	3/4	238.50	3/4		3/4		3/4	
4	2,357.40	4	2,003.31	4	1,647.51	4	1,290.77	4	941.40	4	587.96	4	231.06	4		4		4	
1/4	2,350.01	1/4	1,995.94	1/4	1,640.08	1/4	1,283.34	1/4	934.19	1/4	580.53	1/4	223.63	1/4		1/4		1/4	
1/2	2,342.62	1/2	1,988.57	1/2	1,632.65	1/2	1,275.91	1/2	926.99	1/2	573.09	1/2	216.19	1/2		1/2		1/2	
3/4	2,335.22	3/4	1,981.21	3/4	1,625.22	3/4	1,268.48	3/4	919.79	3/4	565.65	3/4	208.76	3/4		3/4		3/4	
5	2,327.83	5	1,973.84	5	1,617.79	5	1,261.05	5	912.59	5	558.22	5	201.32	5		5		5	
1/4	2,320.43	1/4	1,966.47	1/4	1,610.35	1/4	1,253.61	1/4	905.38	1/4	550.78	1/4	193.88	1/4		1/4		1/4	
1/2	2,313.04	1/2	1,959.10	1/2	1,602.92	1/2	1,246.18	1/2	898.18	1/2	543.35	1/2	186.45	1/2		1/2		1/2	
3/4	2,305.65	3/4	1,951.73	3/4	1,595.49	3/4	1,238.75	3/4	890.98	3/4	535.91	3/4	179.01	3/4		3/4		3/4	
6	2,298.25	6	1,944.36	6	1,588.06	6	1,231.32	6	883.78	6	528.47	6	171.57	6		6		6	
1/4	2,290.86	1/4	1,936.99	1/4	1,580.63	1/4	1,223.89	1/4	876.58	1/4	521.04	1/4	164.14	1/4		1/4		1/4	
1/2	2,283.47	1/2	1,929.62	1/2	1,573.19	1/2	1,216.45	1/2	869.37	1/2	513.60	1/2	156.70	1/2		1/2		1/2	
3/4	2,276.07	3/4	1,922.25	3/4	1,565.76	3/4	1,209.02	3/4	862.17	3/4	506.16	3/4	149.26	3/4		3/4		3/4	
7	2,268.68	7	1,914.88	7	1,558.33	7	1,201.59	7	854.97	7	498.73	7	141.82	7		7		7	
1/4	2,261.29	1/4	1,907.51	1/4	1,550.90	1/4	1,194.16	1/4	847.77	1/4	491.29	1/4	134.39	1/4		1/4		1/4	
1/2	2,253.90	1/2	1,900.11	1/2	1,543.47	1/2	1,186.83	1/2	840.45	1/2	483.86	1/2	126.95	1/2		1/2		1/2	
3/4	2,246.52	3/4	1,892.71	3/4	1,536.03	3/4	1,179.50	3/4	833.13	3/4	476.42	3/4	119.50	3/4		3/4		3/4	
8	2,239.14	8	1,885.31	8	1,528.60	8	1,172.18	8	825.81	8	468.99	8	112.06	8		8		8	
1/4	2,231.76	1/4	1,877.91	1/4	1,521.17	1/4	1,164.85	1/4	818.49	1/4	461.55	1/4	104.62	1/4		1/4		1/4	
1/2	2,224.39	1/2	1,870.48	1/2	1,513.74	1/2	1,157.63	1/2	811.05	1/2	454.12	1/2	97.18	1/2		1/2		1/2	
3/4	2,217.02	3/4	1,863.05	3/4	1,506.30	3/4	1,150.40	3/4	803.62	3/4	446.68	3/4	89.73	3/4		3/4		3/4	
9	2,209.65	9	1,855.61	9	1,498.87	9	1,143.18	9	796.18	9	439.25	9	82.29	9		9		9	
1/4	2,202.28	1/4	1,848.18	1/4	1,491.44	1/4	1,135.96	1/4	788.74	1/4	431.81	1/4	74.84	1/4		1/4		1/4	
1/2	2,194.91	1/2	1,840.75	1/2	1,484.01	1/2	1,128.75	1/2	781.31	1/2	424.38	1/2	67.86	1/2		1/2		1/2	
3/4	2,187.54	3/4	1,833.32	3/4	1,476.58	3/4	1,121.53	3/4	773.87	3/4	416.94	3/4	60.88	3/4		3/4		3/4	
10	2,180.17	10	1,825.89	10	1,469.14	10	1,114.31	10	766.44	10	409.51	10	53.89	10		10		10	
1/4	2,172.80	1/4	1,818.45	1/4	1,461.71	1/4	1,107.10	1/4	759.00	1/4	402.07	1/4	46.91	1/4		1/4		1/4	
1/2	2,165.44	1/2	1,811.02	1/2	1,454.28	1/2	1,099.89	1/2	751.56	1/2	394.64	1/2	41.33	1/2		1/2		1/2	
3/4	2,158.07	3/4	1,803.59	3/4	1,446.85	3/4	1,092.68	3/4	744.13	3/4	387.20	3/4	35.74	3/4		3/4		3/4	
11	2,150.70	11	1,796.16	11	1,439.42	11	1,085.47	11	736.69	11	379.77	11	30.15	11		11		11	
1/4	2,143.33	1/4	1,788.72	1/4	1,431.98	1/4	1,078.26	1/4	729.25	1/4	372.33	1/4	24.57	1/4		1/4		1/4	
1/2	2,135.96	1/2	1,781.29	1/2	1,424.55	1/2	1,071.05	1/2	721.82	1/2	364.90	1/2	20.85	1/2		1/2		1/2	
3/4	2,128.59	3/4	1,773.86	3/4	1,417.12	3/4	1,063.85	3/4	714.38	3/4	357.46	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/15/2014 CL
RECALCULATED: 01/22/2020 SW
REPRINTED: 01/22/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "HTCO 3134"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-11 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,558.54	0	4,313.23	0	4,066.63	0	3,819.53	0	3,565.01	0	3,209.34	0	2,852.25
1/4		1/4		1/4		1/4	4,553.50	1/4	4,308.09	1/4	4,061.48	1/4	3,814.38	1/4	3,558.16	1/4	3,201.90	1/4	2,844.81
1/2		1/2		1/2		1/2	4,548.39	1/2	4,302.96	1/2	4,056.33	1/2	3,809.24	1/2	3,550.74	1/2	3,194.46	1/2	2,837.37
3/4		3/4		3/4		3/4	4,543.28	3/4	4,297.83	3/4	4,051.19	3/4	3,804.09	3/4	3,543.32	3/4	3,187.03	3/4	2,829.93
1		1		1		1	4,538.17	1	4,292.69	1	4,046.04	1	3,798.94	1	3,535.90	1	3,179.59	1	2,822.49
1/4		1/4		1/4		1/4	4,533.06	1/4	4,287.56	1/4	4,040.89	1/4	3,793.79	1/4	3,528.49	1/4	3,172.15	1/4	2,815.05
1/2		1/2		1/2		1/2	4,527.95	1/2	4,282.43	1/2	4,035.74	1/2	3,788.64	1/2	3,521.07	1/2	3,164.71	1/2	2,807.61
3/4		3/4		3/4		3/4	4,522.84	3/4	4,277.29	3/4	4,030.60	3/4	3,783.50	3/4	3,513.65	3/4	3,157.27	3/4	2,800.17
2		2		2		2	4,517.74	2	4,272.16	2	4,025.45	2	3,778.35	2	3,506.23	2	3,149.83	2	2,792.73
1/4		1/4		1/4		1/4	4,512.63	1/4	4,267.03	1/4	4,020.30	1/4	3,773.20	1/4	3,498.82	1/4	3,142.39	1/4	2,785.28
1/2		1/2		1/2		1/2	4,507.52	1/2	4,261.89	1/2	4,015.15	1/2	3,768.05	1/2	3,491.40	1/2	3,134.96	1/2	2,777.84
3/4		3/4		3/4		3/4	4,502.41	3/4	4,256.76	3/4	4,010.00	3/4	3,762.90	3/4	3,483.98	3/4	3,127.52	3/4	2,770.40
3		3		3		3	4,497.30	3	4,251.63	3	4,004.86	3	3,757.76	3	3,476.56	3	3,120.08	3	2,762.96
1/4		1/4		1/4		1/4	4,492.19	1/4	4,246.49	1/4	3,999.71	1/4	3,752.61	1/4	3,469.14	1/4	3,112.64	1/4	2,755.52
1/2		1/2		1/2		1/2	4,487.08	1/2	4,241.36	1/2	3,994.56	1/2	3,747.46	1/2	3,461.73	1/2	3,105.20	1/2	2,748.08
3/4		3/4		3/4		3/4	4,481.98	3/4	4,236.23	3/4	3,989.41	3/4	3,742.31	3/4	3,454.31	3/4	3,097.76	3/4	2,740.64
4		4		4		4	4,476.87	4	4,231.09	4	3,984.26	4	3,737.16	4	3,446.89	4	3,090.33	4	2,733.20
1/4		1/4		1/4		1/4	4,471.76	1/4	4,225.96	1/4	3,979.12	1/4	3,732.02	1/4	3,439.47	1/4	3,082.89	1/4	2,725.76
1/2		1/2		1/2		1/2	4,466.66	1/2	4,220.82	1/2	3,973.97	1/2	3,726.87	1/2	3,432.06	1/2	3,075.45	1/2	2,718.32
3/4		3/4		3/4		3/4	4,461.55	3/4	4,215.69	3/4	3,968.82	3/4	3,721.72	3/4	3,424.64	3/4	3,068.01	3/4	2,710.87
5		5		5		5	4,456.44	5	4,210.56	5	3,963.67	5	3,716.57	5	3,417.22	5	3,060.57	5	2,703.43
1/4		1/4		1/4		1/4	4,451.34	1/4	4,205.42	1/4	3,958.52	1/4	3,711.43	1/4	3,409.80	1/4	3,053.13	1/4	2,695.99
1/2		1/2		1/2		1/2	4,446.23	1/2	4,200.29	1/2	3,953.38	1/2	3,706.28	1/2	3,402.39	1/2	3,045.70	1/2	2,688.55
3/4		3/4		3/4		3/4	4,441.12	3/4	4,195.16	3/4	3,948.23	3/4	3,701.13	3/4	3,394.97	3/4	3,038.26	3/4	2,681.11
6		6		6		6	4,436.02	6	4,190.02	6	3,943.08	6	3,695.98	6	3,387.55	6	3,030.82	6	2,673.67
1/4		1/4		1/4		1/4	4,430.91	1/4	4,184.89	1/4	3,937.93	1/4	3,690.83	1/4	3,380.13	1/4	3,023.38	1/4	2,666.23
1/2		1/2		1/2		1/2	4,425.81	1/2	4,179.76	1/2	3,932.79	1/2	3,685.69	1/2	3,372.71	1/2	3,015.94	1/2	2,658.79
3/4		3/4		3/4		3/4	4,420.70	3/4	4,174.62	3/4	3,927.64	3/4	3,680.54	3/4	3,365.30	3/4	3,008.50	3/4	2,651.35
7		7		7		7	4,415.59	7	4,169.49	7	3,922.49	7	3,675.39	7	3,357.88	7	3,001.07	7	2,643.90
1/4		1/4		1/4		1/4	4,410.49	1/4	4,164.36	1/4	3,917.34	1/4	3,670.24	1/4	3,350.46	1/4	2,993.63	1/4	2,636.46
1/2		1/2		1/2		1/2	4,405.38	1/2	4,159.22	1/2	3,912.19	1/2	3,665.09	1/2	3,343.04	1/2	2,986.19	1/2	2,629.01
3/4		3/4		3/4		3/4	4,400.28	3/4	4,154.09	3/4	3,907.05	3/4	3,659.95	3/4	3,335.63	3/4	2,978.75	3/4	2,621.57
8		8		8		8	4,395.17	8	4,148.96	8	3,901.90	8	3,654.80	8	3,328.21	8	2,971.31	8	2,614.12
1/4		1/4		1/4		1/4	4,390.06	1/4	4,143.82	1/4	3,896.75	1/4	3,649.65	1/4	3,320.79	1/4	2,963.87	1/4	2,606.67
1/2		1/2		1/2		1/2	4,384.96	1/2	4,138.68	1/2	3,891.60	1/2	3,644.50	1/2	3,313.37	1/2	2,956.43	1/2	2,599.22
3/4		3/4		3/4		3/4	4,379.85	3/4	4,133.54	3/4	3,886.45	3/4	3,639.35	3/4	3,305.96	3/4	2,948.99	3/4	2,591.77
9		9		9	4,608.21	9	4,374.75	9	4,128.40	9	3,881.31	9	3,634.21	9	3,298.54	9	2,941.55	9	2,584.32
1/4		1/4		1/4	4,605.76	1/4	4,369.64	1/4	4,123.26	1/4	3,876.16	1/4	3,629.06	1/4	3,291.12	1/4	2,934.11	1/4	2,576.88
1/2		1/2		1/2	4,602.25	1/2	4,364.52	1/2	4,118.11	1/2	3,871.01	1/2	3,623.91	1/2	3,283.69	1/2	2,926.67	1/2	2,569.43
3/4		3/4		3/4	4,598.74	3/4	4,359.40	3/4	4,112.96	3/4	3,865.86	3/4	3,618.76	3/4	3,276.26	3/4	2,919.22	3/4	2,561.98
10		10		10	4,595.22	10	4,354.28	10	4,107.81	10	3,860.71	10	3,613.62	10	3,268.84	10	2,911.78	10	2,554.53
1/4		1/4		1/4	4,591.71	1/4	4,349.16	1/4	4,102.67	1/4	3,855.57	1/4	3,608.47	1/4	3,261.41	1/4	2,904.34	1/4	2,547.08
1/2		1/2		1/2	4,587.20	1/2	4,344.03	1/2	4,097.52	1/2	3,850.42	1/2	3,602.75	1/2	3,253.97	1/2	2,896.90	1/2	2,539.64
3/4		3/4		3/4	4,582.69	3/4	4,338.90	3/4	4,092.37	3/4	3,845.27	3/4	3,597.02	3/4	3,246.53	3/4	2,889.46	3/4	2,532.19
11		11		11	4,578.18	11	4,333.76	11	4,087.22	11	3,840.12	11	3,591.30	11	3,239.09	11	2,882.02	11	2,524.74
1/4		1/4		1/4	4,573.67	1/4	4,328.63	1/4	4,082.07	1/4	3,834.97	1/4	3,585.58	1/4	3,231.66	1/4	2,874.58	1/4	2,517.29
1/2		1/2		1/2	4,568.63	1/2	4,323.49	1/2	4,076.93	1/2	3,829.83	1/2	3,578.72	1/2	3,224.22	1/2	2,867.14	1/2	2,509.84
3/4		3/4		3/4	4,563.58	3/4	4,318.36	3/4	4,071.78	3/4	3,824.68	3/4	3,571.87	3/4	3,216.78	3/4	2,859.70	3/4	2,502.39

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'-06" OFF CENTERLINE AND 45'-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 3134"

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	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	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	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	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	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	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	

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 AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 12/15/2014 CL
 CALCULATED: 12/16/2014 CL
 PRINTED: 12/16/2014 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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



BARGE "HTCO 3134"

AFT SLOP TANK ULLAGE 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	1,627	0	1,178	0	730	0	281	0		0		0		0	
1/4	1/4	1/4	1/4	1/4	1,618	1/4	1,169	1/4	720	1/4	271	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,609	1/2	1,160	1/2	711	1/2	262	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,599	3/4	1,150	3/4	702	3/4	253	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1		1		1	1,590	1	1,141	1	692	1	243	1		1		1		1	
1/4	1/4	1/4	1/4	1/4	1,581	1/4	1,132	1/4	683	1/4	234	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	2,020	1/2	1,571	1/2	1,122	1/2	225	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	2,011	3/4	1,562	3/4	1,113	3/4	215	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2		2		2	1,552	2	1,104	2	655	2	206	2		2		2		2	
1/4	1/4	1/4	1/4	1/4	1,992	1/4	1,543	1/4	1,094	1/4	197	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,983	1/2	1,534	1/2	1,085	1/2	187	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,973	3/4	1,524	3/4	1,076	3/4	178	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3		3		3	1,964	3	1,515	3	1,066	3	169	3		3		3		3	
1/4	1/4	1/4	1/4	1/4	1,955	1/4	1,506	1/4	1,057	1/4	159	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,945	1/2	1,496	1/2	1,048	1/2	150	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,936	3/4	1,487	3/4	1,038	3/4	140	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4		4		4	1,926	4	1,478	4	1,029	4	131	4		4		4		4	
1/4	1/4	1/4	1/4	1/4	1,917	1/4	1,468	1/4	1,019	1/4	122	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,908	1/2	1,459	1/2	1,010	1/2	112	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,898	3/4	1,450	3/4	1,001	3/4	103	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5		5		5	1,889	5	1,440	5	991	5	94	5		5		5		5	
1/4	1/4	1/4	1/4	1/4	1,880	1/4	1,431	1/4	982	1/4	84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,870	1/2	1,422	1/2	973	1/2	75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,861	3/4	1,412	3/4	963	3/4	66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6		6		6	1,852	6	1,403	6	954	6	56	6		6		6		6	
1/4	1/4	1/4	1/4	1/4	1,842	1/4	1,394	1/4	945	1/4	47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,833	1/2	1,384	1/2	935	1/2	38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,824	3/4	1,375	3/4	926	3/4	28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7		7		7	1,814	7	1,365	7	917	7	19	7		7		7		7	
1/4	1/4	1/4	1/4	1/4	1,805	1/4	1,356	1/4	907	1/4	9	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,796	1/2	1,347	1/2	898	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,786	3/4	1,337	3/4	889	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8		8		8	1,777	8	1,328	8	879	8	0	8		8		8		8	
1/4	1/4	1/4	1/4	1/4	1,768	1/4	1,319	1/4	870	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,758	1/2	1,309	1/2	861	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,749	3/4	1,300	3/4	851	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9		9		9	1,739	9	1,291	9	842	9	0	9		9		9		9	
1/4	1/4	1/4	1/4	1/4	1,730	1/4	1,281	1/4	832	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,721	1/2	1,272	1/2	823	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,711	3/4	1,263	3/4	814	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10		10		10	1,702	10	1,253	10	804	10	0	10		10		10		10	
1/4	1/4	1/4	1/4	1/4	1,693	1/4	1,244	1/4	795	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,683	1/2	1,235	1/2	786	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,674	3/4	1,225	3/4	776	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11		11		11	1,665	11	1,216	11	767	11	0	11		11		11		11	
1/4	1/4	1/4	1/4	1/4	1,655	1/4	1,206	1/4	758	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1,646	1/2	1,197	1/2	748	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	1,637	3/4	1,188	3/4	739	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 12/15/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/16/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3134"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-09 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	120	0	298	0	456	0		0		0		0		0		0	
1/4	1	1/4	123	1/4	302	1/4	459	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2	1/2	127	1/2	305	1/2	461	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3	3/4	130	3/4	309	3/4	463	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3	1	134	1	313	1	466	1	1	1	1	1	1	1	1	1	1	1	1
1/4	5	1/4	137	1/4	316	1/4	468	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	6	1/2	141	1/2	320	1/2	470	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	8	3/4	144	3/4	324	3/4	472	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	9	2	148	2	327	2	475	2	2	2	2	2	2	2	2	2	2	2	2
1/4	11	1/4	152	1/4	331	1/4	477	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	13	1/2	155	1/2	335	1/2	478	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	15	3/4	159	3/4	338	3/4	480	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	16	3	162	3	342	3	482	3	3	3	3	3	3	3	3	3	3	3	3
1/4	19	1/4	166	1/4	346	1/4	484	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21	1/2	170	1/2	349	1/2	485	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23	3/4	173	3/4	353	3/4	487	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	25	4	177	4	356	4	488	4	4	4	4	4	4	4	4	4	4	4	4
1/4	27	1/4	181	1/4	360	1/4	489	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	30	1/2	185	1/2	363	1/2	490	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	32	3/4	188	3/4	367	3/4	491	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	35	5	192	5	370	5	492	5	5	5	5	5	5	5	5	5	5	5	5
1/4	37	1/4	196	1/4	374	1/4	493	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	40	1/2	200	1/2	377	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42	3/4	203	3/4	381	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	45	6	207	6	384	6		6	6	6	6	6	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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: 12/15/2014 CL
 CALCULATED: 12/16/2014 CL
 PRINTED: 12/15/2014 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 12/2014

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 3134"

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	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	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	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	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	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	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	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	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	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	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	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: 12/15/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/16/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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 3134"

FWD SLOP TANK ULLAGE 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	1,627	0	1,178	0	730	0	281	0		0		0		0	
1/4		1/4		1/4	1,618	1/4	1,169	1/4	720	1/4	271	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,609	1/2	1,160	1/2	711	1/2	262	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,599	3/4	1,150	3/4	702	3/4	253	3/4		3/4		3/4		3/4	
1		1		1	1,590	1	1,141	1	692	1	243	1		1		1		1	
1/4		1/4		1/4	1,581	1/4	1,132	1/4	683	1/4	234	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	2,020	1/2	1,571	1/2	1,122	1/2	225	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	2,011	3/4	1,562	3/4	1,113	3/4	215	3/4		3/4		3/4		3/4	
2		2		2	2,001	2	1,552	2	1,104	2	206	2		2		2		2	
1/4		1/4		1/4	1,992	1/4	1,543	1/4	1,094	1/4	197	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,983	1/2	1,534	1/2	1,085	1/2	187	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,973	3/4	1,524	3/4	1,076	3/4	178	3/4		3/4		3/4		3/4	
3		3		3	1,964	3	1,515	3	1,066	3	169	3		3		3		3	
1/4		1/4		1/4	1,955	1/4	1,506	1/4	1,057	1/4	159	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,945	1/2	1,496	1/2	1,048	1/2	150	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,936	3/4	1,487	3/4	1,038	3/4	140	3/4		3/4		3/4		3/4	
4		4		4	1,926	4	1,478	4	1,029	4	131	4		4		4		4	
1/4		1/4		1/4	1,917	1/4	1,468	1/4	1,019	1/4	122	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,908	1/2	1,459	1/2	1,010	1/2	112	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,898	3/4	1,450	3/4	1,001	3/4	103	3/4		3/4		3/4		3/4	
5		5		5	1,889	5	1,440	5	991	5	94	5		5		5		5	
1/4		1/4		1/4	1,880	1/4	1,431	1/4	982	1/4	84	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,870	1/2	1,422	1/2	973	1/2	75	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,861	3/4	1,412	3/4	963	3/4	66	3/4		3/4		3/4		3/4	
6		6		6	1,852	6	1,403	6	954	6	56	6		6		6		6	
1/4		1/4		1/4	1,842	1/4	1,394	1/4	945	1/4	47	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,833	1/2	1,384	1/2	935	1/2	38	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,824	3/4	1,375	3/4	926	3/4	28	3/4		3/4		3/4		3/4	
7		7		7	1,814	7	1,365	7	917	7	19	7		7		7		7	
1/4		1/4		1/4	1,805	1/4	1,356	1/4	907	1/4	9	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,796	1/2	1,347	1/2	898	1/2	0	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,786	3/4	1,337	3/4	889	3/4		3/4		3/4		3/4		3/4	
8		8		8	1,777	8	1,328	8	879	8	430	8		8		8		8	
1/4		1/4		1/4	1,768	1/4	1,319	1/4	870	1/4	421	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,758	1/2	1,309	1/2	861	1/2	412	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,749	3/4	1,300	3/4	851	3/4	402	3/4		3/4		3/4		3/4	
9		9		9	1,739	9	1,291	9	842	9	393	9		9		9		9	
1/4		1/4		1/4	1,730	1/4	1,281	1/4	832	1/4	384	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,721	1/2	1,272	1/2	823	1/2	374	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,711	3/4	1,263	3/4	814	3/4	365	3/4		3/4		3/4		3/4	
10		10		10	1,702	10	1,253	10	804	10	356	10		10		10		10	
1/4		1/4		1/4	1,693	1/4	1,244	1/4	795	1/4	346	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,683	1/2	1,235	1/2	786	1/2	337	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,674	3/4	1,225	3/4	776	3/4	328	3/4		3/4		3/4		3/4	
11		11		11	1,665	11	1,216	11	767	11	318	11		11		11		11	
1/4		1/4		1/4	1,655	1/4	1,206	1/4	758	1/4	309	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,646	1/2	1,197	1/2	748	1/2	299	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,637	3/4	1,188	3/4	739	3/4	290	3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 12/15/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/16/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3134"

3 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-11 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	2,494.95	0	2,137.43	0	1,779.92	0	1,422.41	0	1,064.98	0	707.93	0	350.43	0		0		0	
1/4	2,487.50	1/4	2,129.98	1/4	1,772.47	1/4	1,414.96	1/4	1,057.54	1/4	700.49	1/4	342.98	1/4		1/4		1/4	
1/2	2,480.05	1/2	2,122.54	1/2	1,765.02	1/2	1,407.51	1/2	1,050.11	1/2	693.04	1/2	335.53	1/2		1/2		1/2	
3/4	2,472.60	3/4	2,115.09	3/4	1,757.57	3/4	1,400.06	3/4	1,042.67	3/4	685.59	3/4	328.08	3/4		3/4		3/4	
1	2,465.15	1	2,107.64	1	1,750.13	1	1,392.61	1	1,035.24	1	678.14	1	320.63	1		1		1	
1/4	2,457.71	1/4	2,100.19	1/4	1,742.68	1/4	1,385.16	1/4	1,027.81	1/4	670.69	1/4	313.18	1/4		1/4		1/4	
1/2	2,450.26	1/2	2,092.74	1/2	1,735.23	1/2	1,377.72	1/2	1,020.37	1/2	663.25	1/2	305.74	1/2		1/2		1/2	
3/4	2,442.81	3/4	2,085.30	3/4	1,727.78	3/4	1,370.27	3/4	1,012.94	3/4	655.80	3/4	298.29	3/4		3/4		3/4	
2	2,435.36	2	2,077.85	2	1,720.33	2	1,362.82	2	1,005.51	2	648.35	2	290.84	2		2		2	
1/4	2,427.91	1/4	2,070.40	1/4	1,712.89	1/4	1,355.37	1/4	998.07	1/4	640.90	1/4	283.39	1/4		1/4		1/4	
1/2	2,420.46	1/2	2,062.95	1/2	1,705.44	1/2	1,347.92	1/2	990.64	1/2	633.45	1/2	275.94	1/2		1/2		1/2	
3/4	2,413.02	3/4	2,055.50	3/4	1,697.99	3/4	1,340.48	3/4	983.21	3/4	626.00	3/4	268.50	3/4		3/4		3/4	
3	2,405.57	3	2,048.05	3	1,690.54	3	1,333.03	3	975.77	3	618.56	3	261.05	3		3		3	
1/4	2,398.12	1/4	2,040.61	1/4	1,683.09	1/4	1,325.58	1/4	968.34	1/4	611.11	1/4	253.60	1/4		1/4		1/4	
1/2	2,390.67	1/2	2,033.16	1/2	1,675.64	1/2	1,318.13	1/2	960.91	1/2	603.66	1/2	246.15	1/2		1/2		1/2	
3/4	2,383.22	3/4	2,025.71	3/4	1,668.20	3/4	1,310.68	3/4	953.48	3/4	596.21	3/4	238.70	3/4		3/4		3/4	
4	2,375.78	4	2,018.26	4	1,660.75	4	1,303.23	4	946.04	4	588.76	4	231.26	4		4		4	
1/4	2,368.33	1/4	2,010.81	1/4	1,653.30	1/4	1,295.79	1/4	938.61	1/4	581.32	1/4	223.81	1/4		1/4		1/4	
1/2	2,360.88	1/2	2,003.37	1/2	1,645.85	1/2	1,288.34	1/2	931.18	1/2	573.87	1/2	216.36	1/2		1/2		1/2	
3/4	2,353.43	3/4	1,995.92	3/4	1,638.40	3/4	1,280.89	3/4	923.74	3/4	566.42	3/4	208.91	3/4		3/4		3/4	
5	2,345.98	5	1,988.47	5	1,630.96	5	1,273.44	5	916.31	5	558.97	5	201.46	5		5		5	
1/4	2,338.53	1/4	1,981.02	1/4	1,623.51	1/4	1,265.99	1/4	908.88	1/4	551.52	1/4	194.01	1/4		1/4		1/4	
1/2	2,331.09	1/2	1,973.57	1/2	1,616.06	1/2	1,258.55	1/2	901.44	1/2	544.08	1/2	186.57	1/2		1/2		1/2	
3/4	2,323.64	3/4	1,966.12	3/4	1,608.61	3/4	1,251.10	3/4	894.01	3/4	536.63	3/4	179.12	3/4		3/4		3/4	
6	2,316.19	6	1,958.68	6	1,601.16	6	1,243.65	6	886.58	6	529.18	6	171.67	6		6		6	
1/4	2,308.74	1/4	1,951.23	1/4	1,593.71	1/4	1,236.20	1/4	879.14	1/4	521.73	1/4	164.22	1/4		1/4		1/4	
1/2	2,301.29	1/2	1,943.78	1/2	1,586.27	1/2	1,228.75	1/2	871.71	1/2	514.28	1/2	156.77	1/2		1/2		1/2	
3/4	2,293.84	3/4	1,936.33	3/4	1,578.82	3/4	1,221.30	3/4	864.28	3/4	506.84	3/4	149.33	3/4		3/4		3/4	
7	2,286.40	7	1,928.88	7	1,571.37	7	1,213.86	7	856.85	7	499.39	7	141.88	7		7		7	
1/4	2,278.95	1/4	1,921.43	1/4	1,563.92	1/4	1,206.41	1/4	849.41	1/4	491.94	1/4	134.43	1/4		1/4		1/4	
1/2	2,271.50	1/2	1,913.99	1/2	1,556.47	1/2	1,198.96	1/2	841.97	1/2	484.49	1/2	126.98	1/2		1/2		1/2	
3/4	2,264.05	3/4	1,906.54	3/4	1,549.02	3/4	1,191.51	3/4	834.53	3/4	477.04	3/4	119.53	3/4		3/4		3/4	
8	2,256.60	8	1,899.09	8	1,541.58	8	1,184.06	8	827.09	8	469.59	8	112.09	8		8		8	
1/4	2,249.16	1/4	1,891.64	1/4	1,534.13	1/4	1,176.61	1/4	819.66	1/4	462.15	1/4	104.64	1/4		1/4		1/4	
1/2	2,241.71	1/2	1,884.19	1/2	1,526.68	1/2	1,169.17	1/2	812.21	1/2	454.70	1/2	97.19	1/2		1/2		1/2	
3/4	2,234.26	3/4	1,876.75	3/4	1,519.23	3/4	1,161.72	3/4	804.76	3/4	447.25	3/4	89.74	3/4		3/4		3/4	
9	2,226.81	9	1,869.30	9	1,511.78	9	1,154.27	9	797.31	9	439.80	9	82.29	9		9		9	
1/4	2,219.36	1/4	1,861.85	1/4	1,504.34	1/4	1,146.82	1/4	789.86	1/4	432.35	1/4	74.85	1/4		1/4		1/4	
1/2	2,211.91	1/2	1,854.40	1/2	1,496.89	1/2	1,139.38	1/2	782.41	1/2	424.91	1/2	67.86	1/2		1/2		1/2	
3/4	2,204.47	3/4	1,846.95	3/4	1,489.44	3/4	1,131.93	3/4	774.97	3/4	417.46	3/4	60.88	3/4		3/4		3/4	
10	2,197.02	10	1,839.50	10	1,481.99	10	1,124.49	10	767.52	10	410.01	10	53.90	10		10		10	
1/4	2,189.57	1/4	1,832.06	1/4	1,474.54	1/4	1,117.04	1/4	760.07	1/4	402.56	1/4	46.92	1/4		1/4		1/4	
1/2	2,182.12	1/2	1,824.61	1/2	1,467.09	1/2	1,109.60	1/2	752.62	1/2	395.11	1/2	41.33	1/2		1/2		1/2	
3/4	2,174.67	3/4	1,817.16	3/4	1,459.65	3/4	1,102.16	3/4	745.17	3/4	387.67	3/4	35.74	3/4		3/4		3/4	
11	2,167.23	11	1,809.71	11	1,452.20	11	1,094.72	11	737.73	11	380.22	11	30.16	11		11		11	
1/4	2,159.78	1/4	1,802.26	1/4	1,444.75	1/4	1,087.28	1/4	730.28	1/4	372.77	1/4	24.57	1/4		1/4		1/4	
1/2	2,152.33	1/2	1,794.82	1/2	1,437.30	1/2	1,079.85	1/2	722.83	1/2	365.32	1/2	20.85	1/2		1/2		1/2	
3/4	2,144.88	3/4	1,787.37	3/4	1,429.85	3/4	1,072.41	3/4	715.38	3/4	357.87	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/15/2014 CL
RECALCULATED: 01/22/2020 SW
REPRINTED: 01/22/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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