



# BARGE "HTCO 3137"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

May 7, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HTCO 3137"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "HTCO 3137"

## 1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2015 CL  
RECALCULATED: 05/07/2020 CL  
REPRINTED: 05/07/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2020

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



# BARGE "HTCO 3137"

## 1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	0	0	4,702.97	0	4,346.31	0	3,988.38	0	3,630.37	0	3,272.36	0	2,914.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,695.57	1/4	4,338.88	1/4	3,980.93	1/4	3,622.91	1/4	3,264.90	1/4	2,906.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,688.17	1/2	4,331.44	1/2	3,973.47	1/2	3,615.45	1/2	3,257.44	1/2	2,899.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,680.78	3/4	4,323.99	3/4	3,966.01	3/4	3,608.00	3/4	3,249.98	3/4	2,891.97
1	1	1	1	1	1	1	1	1	4,673.38	1	4,316.54	1	3,958.55	1	3,600.54	1	3,242.52	1	2,884.51
1/4	1/4	1/4	1/4	1/4	1/2	1/4	5,009.42	1/4	4,665.98	1/4	4,309.09	1/4	3,951.09	1/4	3,593.08	1/4	3,235.07	1/4	2,877.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,004.69	1/2	4,658.59	1/2	4,301.65	1/2	3,943.63	1/2	3,585.62	1/2	3,227.61	1/2	2,869.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,998.88	3/4	4,651.17	3/4	4,294.19	3/4	3,936.17	3/4	3,578.16	3/4	3,220.15	3/4	2,862.12
2	2	2	2	2	2	2	4,993.08	2	4,643.75	2	4,286.73	2	3,928.72	2	3,570.70	2	3,212.69	2	2,854.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,987.28	1/4	4,636.33	1/4	4,279.27	1/4	3,921.26	1/4	3,563.24	1/4	3,205.23	1/4	2,847.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,981.48	1/2	4,628.92	1/2	4,271.81	1/2	3,913.80	1/2	3,555.79	1/2	3,197.77	1/2	2,839.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,974.68	3/4	4,621.48	3/4	4,264.35	3/4	3,906.34	3/4	3,548.33	3/4	3,190.31	3/4	2,832.27
3	3	3	3	3	3	3	4,967.88	3	4,614.04	3	4,256.89	3	3,898.88	3	3,540.87	3	3,182.86	3	2,824.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,961.08	1/4	4,606.61	1/4	4,249.43	1/4	3,891.42	1/4	3,533.41	1/4	3,175.40	1/4	2,817.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,954.28	1/2	4,599.17	1/2	4,241.98	1/2	3,883.96	1/2	3,525.95	1/2	3,167.94	1/2	2,809.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,946.94	3/4	4,591.73	3/4	4,234.52	3/4	3,876.50	3/4	3,518.49	3/4	3,160.48	3/4	2,802.42
4	4	4	4	4	4	4	4,939.61	4	4,584.30	4	4,227.06	4	3,869.05	4	3,511.03	4	3,153.02	4	2,794.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,932.27	1/4	4,576.86	1/4	4,219.60	1/4	3,861.59	1/4	3,503.57	1/4	3,145.56	1/4	2,787.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,924.94	1/2	4,569.42	1/2	4,212.14	1/2	3,854.13	1/2	3,496.12	1/2	3,138.10	1/2	2,780.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,917.54	3/4	4,561.98	3/4	4,204.68	3/4	3,846.67	3/4	3,488.66	3/4	3,130.64	3/4	2,772.57
5	5	5	5	5	5	5	4,910.14	5	4,554.55	5	4,197.22	5	3,839.21	5	3,481.20	5	3,123.19	5	2,765.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,902.74	1/4	4,547.11	1/4	4,189.77	1/4	3,831.75	1/4	3,473.74	1/4	3,115.73	1/4	2,757.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,895.34	1/2	4,539.67	1/2	4,182.31	1/2	3,824.29	1/2	3,466.28	1/2	3,108.27	1/2	2,750.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,887.93	3/4	4,532.24	3/4	4,174.85	3/4	3,816.84	3/4	3,458.82	3/4	3,100.81	3/4	2,742.72
6	6	6	6	6	6	6	4,880.53	6	4,524.80	6	4,167.39	6	3,809.38	6	3,451.36	6	3,093.35	6	2,735.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,873.13	1/4	4,517.36	1/4	4,159.93	1/4	3,801.92	1/4	3,443.91	1/4	3,085.89	1/4	2,727.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,865.73	1/2	4,509.93	1/2	4,152.47	1/2	3,794.46	1/2	3,436.45	1/2	3,078.43	1/2	2,720.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,858.33	3/4	4,502.49	3/4	4,145.01	3/4	3,787.00	3/4	3,428.99	3/4	3,070.98	3/4	2,712.87
7	7	7	7	7	7	7	4,850.93	7	4,495.05	7	4,137.56	7	3,779.54	7	3,421.53	7	3,063.52	7	2,705.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,843.53	1/4	4,487.62	1/4	4,130.10	1/4	3,772.08	1/4	3,414.07	1/4	3,056.06	1/4	2,697.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,836.13	1/2	4,480.18	1/2	4,122.64	1/2	3,764.63	1/2	3,406.61	1/2	3,048.60	1/2	2,690.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,828.73	3/4	4,472.74	3/4	4,115.18	3/4	3,757.17	3/4	3,399.15	3/4	3,041.14	3/4	2,683.01
8	8	8	8	8	8	8	4,821.33	8	4,465.31	8	4,107.72	8	3,749.71	8	3,391.70	8	3,033.68	8	2,675.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,813.93	1/4	4,457.87	1/4	4,100.26	1/4	3,742.25	1/4	3,384.24	1/4	3,026.22	1/4	2,668.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,806.53	1/2	4,450.43	1/2	4,092.80	1/2	3,734.79	1/2	3,376.78	1/2	3,018.77	1/2	2,660.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,799.13	3/4	4,442.99	3/4	4,085.35	3/4	3,727.33	3/4	3,369.32	3/4	3,011.31	3/4	2,653.16
9	9	9	9	9	9	9	4,791.74	9	4,435.56	9	4,077.89	9	3,719.87	9	3,361.86	9	3,003.85	9	2,645.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,784.34	1/4	4,428.12	1/4	4,070.43	1/4	3,712.42	1/4	3,354.40	1/4	2,996.39	1/4	2,638.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,776.94	1/2	4,420.68	1/2	4,062.97	1/2	3,704.96	1/2	3,346.94	1/2	2,988.93	1/2	2,630.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,769.54	3/4	4,413.25	3/4	4,055.51	3/4	3,697.50	3/4	3,339.49	3/4	2,981.47	3/4	2,623.31
10	10	10	10	10	10	10	4,762.15	10	4,405.81	10	4,048.05	10	3,690.04	10	3,332.03	10	2,974.01	10	2,615.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,754.75	1/4	4,398.37	1/4	4,040.59	1/4	3,682.58	1/4	3,324.57	1/4	2,966.56	1/4	2,608.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,747.35	1/2	4,390.94	1/2	4,033.14	1/2	3,675.12	1/2	3,317.11	1/2	2,959.10	1/2	2,600.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,739.95	3/4	4,383.50	3/4	4,025.68	3/4	3,667.66	3/4	3,309.65	3/4	2,951.64	3/4	2,593.46
11	11	11	11	11	11	11	4,732.56	11	4,376.06	11	4,018.22	11	3,660.21	11	3,302.19	11	2,944.18	11	2,586.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,725.16	1/4	4,368.63	1/4	4,010.76	1/4	3,652.75	1/4	3,294.73	1/4	2,936.72	1/4	2,578.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,717.76	1/2	4,361.19	1/2	4,003.30	1/2	3,645.29	1/2	3,287.28	1/2	2,929.26	1/2	2,571.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,710.37	3/4	4,353.75	3/4	3,995.84	3/4	3,637.83	3/4	3,279.82	3/4	2,921.81	3/4	2,563.61

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "HTCO 3137"

## 1 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,556.15	0	2,197.94	0	1,839.73	0	1,481.52	0	1,123.31	0	765.59	0	411.65	0	95.63	0			
1/4	2,548.69	1/4	2,190.48	1/4	1,832.27	1/4	1,474.06	1/4	1,115.85	1/4	758.13	1/4	404.59	1/4	89.51	1/4			
1/2	2,541.22	1/2	2,183.01	1/2	1,824.80	1/2	1,466.59	1/2	1,108.38	1/2	750.68	1/2	397.54	1/2	83.40	1/2			
3/4	2,533.76	3/4	2,175.55	3/4	1,817.34	3/4	1,459.13	3/4	1,100.92	3/4	743.21	3/4	390.56	3/4	77.37	3/4			
1	2,526.30	1	2,168.09	1	1,809.88	1	1,451.67	1	1,093.46	1	735.75	1	383.59	1	71.34	1			
1/4	2,518.83	1/4	2,160.63	1/4	1,802.42	1/4	1,444.21	1/4	1,086.00	1/4	728.29	1/4	376.62	1/4	65.31	1/4			
1/2	2,511.37	1/2	2,153.16	1/2	1,794.95	1/2	1,436.74	1/2	1,078.53	1/2	720.83	1/2	369.64	1/2	59.28	1/2			
3/4	2,503.91	3/4	2,145.70	3/4	1,787.49	3/4	1,429.28	3/4	1,071.07	3/4	713.36	3/4	362.74	3/4	53.80	3/4			
2	2,496.45	2	2,138.24	2	1,780.03	2	1,421.82	2	1,063.62	2	705.90	2	355.85	2	48.32	2			
1/4	2,488.98	1/4	2,130.77	1/4	1,772.56	1/4	1,414.36	1/4	1,056.16	1/4	698.44	1/4	348.95	1/4	42.83	1/4			
1/2	2,481.52	1/2	2,123.31	1/2	1,765.10	1/2	1,406.89	1/2	1,048.70	1/2	690.98	1/2	342.05	1/2	37.35	1/2			
3/4	2,474.06	3/4	2,115.85	3/4	1,757.64	3/4	1,399.43	3/4	1,041.24	3/4	683.51	3/4	335.22	3/4	33.35	3/4			
3	2,466.60	3	2,108.39	3	1,750.18	3	1,391.97	3	1,033.78	3	676.05	3	328.40	3	29.35	3			
1/4	2,459.13	1/4	2,100.92	1/4	1,742.71	1/4	1,384.50	1/4	1,026.33	1/4	668.59	1/4	321.57	1/4	25.35	1/4			
1/2	2,451.67	1/2	2,093.46	1/2	1,735.25	1/2	1,377.04	1/2	1,018.87	1/2	661.13	1/2	314.75	1/2	21.35	1/2			
3/4	2,444.21	3/4	2,086.00	3/4	1,727.79	3/4	1,369.58	3/4	1,011.42	3/4	653.66	3/4	308.00	3/4	18.43	3/4			
4	2,436.75	4	2,078.54	4	1,720.33	4	1,362.12	4	1,003.97	4	646.20	4	301.26	4		4			
1/4	2,429.28	1/4	2,071.07	1/4	1,712.86	1/4	1,354.65	1/4	996.51	1/4	638.74	1/4	294.51	1/4		1/4			
1/2	2,421.82	1/2	2,063.61	1/2	1,705.40	1/2	1,347.19	1/2	989.06	1/2	631.28	1/2	287.77	1/2		1/2			
3/4	2,414.36	3/4	2,056.15	3/4	1,697.94	3/4	1,339.73	3/4	981.61	3/4	623.81	3/4	281.10	3/4		3/4			
5	2,406.89	5	2,048.68	5	1,690.48	5	1,332.27	5	974.17	5	616.35	5	274.44	5		5			
1/4	2,399.43	1/4	2,041.22	1/4	1,683.01	1/4	1,324.80	1/4	966.72	1/4	608.89	1/4	267.77	1/4		1/4			
1/2	2,391.97	1/2	2,033.76	1/2	1,675.55	1/2	1,317.34	1/2	959.27	1/2	601.43	1/2	261.11	1/2		1/2			
3/4	2,384.51	3/4	2,026.30	3/4	1,668.09	3/4	1,309.88	3/4	951.82	3/4	593.96	3/4	254.53	3/4		3/4			
6	2,377.04	6	2,018.83	6	1,660.62	6	1,302.41	6	944.37	6	586.50	6	247.94	6		6			
1/4	2,369.58	1/4	2,011.37	1/4	1,653.16	1/4	1,294.95	1/4	936.92	1/4	579.04	1/4	241.36	1/4		1/4			
1/2	2,362.12	1/2	2,003.91	1/2	1,645.70	1/2	1,287.49	1/2	929.47	1/2	571.58	1/2	234.78	1/2		1/2			
3/4	2,354.66	3/4	1,996.45	3/4	1,638.24	3/4	1,280.03	3/4	922.02	3/4	564.14	3/4	228.27	3/4		3/4			
7	2,347.19	7	1,988.98	7	1,630.77	7	1,272.56	7	914.57	7	556.70	7	221.77	7		7			
1/4	2,339.73	1/4	1,981.52	1/4	1,623.31	1/4	1,265.10	1/4	907.13	1/4	549.27	1/4	215.27	1/4		1/4			
1/2	2,332.27	1/2	1,974.06	1/2	1,615.85	1/2	1,257.64	1/2	899.68	1/2	541.83	1/2	208.77	1/2		1/2			
3/4	2,324.80	3/4	1,966.60	3/4	1,608.39	3/4	1,250.18	3/4	892.23	3/4	534.46	3/4	202.35	3/4		3/4			
8	2,317.34	8	1,959.13	8	1,600.92	8	1,242.71	8	884.78	8	527.09	8	195.93	8		8			
1/4	2,309.88	1/4	1,951.67	1/4	1,593.46	1/4	1,235.25	1/4	877.33	1/4	519.72	1/4	189.51	1/4		1/4			
1/2	2,302.42	1/2	1,944.21	1/2	1,586.00	1/2	1,227.79	1/2	869.88	1/2	512.35	1/2	183.09	1/2		1/2			
3/4	2,294.95	3/4	1,936.74	3/4	1,578.53	3/4	1,220.33	3/4	862.43	3/4	505.05	3/4	176.74	3/4		3/4			
9	2,287.49	9	1,929.28	9	1,571.07	9	1,212.86	9	854.98	9	497.76	9	170.40	9		9			
1/4	2,280.03	1/4	1,921.82	1/4	1,563.61	1/4	1,205.40	1/4	847.54	1/4	490.46	1/4	164.05	1/4		1/4			
1/2	2,272.57	1/2	1,914.36	1/2	1,556.15	1/2	1,197.94	1/2	840.09	1/2	483.17	1/2	157.71	1/2		1/2			
3/4	2,265.10	3/4	1,906.89	3/4	1,548.68	3/4	1,190.47	3/4	832.64	3/4	475.95	3/4	151.43	3/4		3/4			
10	2,257.64	10	1,899.43	10	1,541.22	10	1,183.01	10	825.19	10	468.73	10	145.16	10		10			
1/4	2,250.18	1/4	1,891.97	1/4	1,533.76	1/4	1,175.55	1/4	817.74	1/4	461.52	1/4	138.89	1/4		1/4			
1/2	2,242.72	1/2	1,884.51	1/2	1,526.30	1/2	1,168.09	1/2	810.29	1/2	454.30	1/2	132.62	1/2		1/2			
3/4	2,235.25	3/4	1,877.04	3/4	1,518.83	3/4	1,160.62	3/4	802.84	3/4	447.16	3/4	126.42	3/4		3/4			
11	2,227.79	11	1,869.58	11	1,511.37	11	1,153.16	11	795.39	11	440.03	11	120.23	11		11			
1/4	2,220.33	1/4	1,862.12	1/4	1,503.91	1/4	1,145.70	1/4	787.95	1/4	432.89	1/4	114.04	1/4		1/4			
1/2	2,212.86	1/2	1,854.65	1/2	1,496.45	1/2	1,138.24	1/2	780.50	1/2	425.75	1/2	107.85	1/2		1/2			
3/4	2,205.40	3/4	1,847.19	3/4	1,488.98	3/4	1,130.77	3/4	773.04	3/4	418.70	3/4	101.74	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2015 CL  
RECALCULATED: 05/07/2020 CL  
REPRINTED: 05/07/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2020

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



# BARGE "HTCO 3137"

## 2 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	0	0	0	0	4,763.94	0	4,406.37	0	4,047.53	0	3,688.65	0	3,329.76	0	2,970.87
1/4		1/4		1/4		1/4		1/4	4,756.53	1/4	4,398.91	1/4	4,040.06	1/4	3,681.17	1/4	3,322.28	1/4	2,963.39
1/2		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	3,314.81	1/2	2,955.91
3/4		3/4		3/4		3/4		3/4	4,741.70	3/4	4,383.97	3/4	4,025.10	3/4	3,666.22	3/4	3,307.33	3/4	2,948.43
1	1	1	1	1	5,078.58	1	4,734.28	1	4,376.51	1	4,017.63	1	3,658.74	1	3,299.85	1	2,940.95		
1/4		1/4		1/4		1/4		1/4	5,073.84	1/4	4,726.86	1/4	4,369.04	1/4	4,010.15	1/4	3,651.26	1/4	3,293.46
1/2		1/2		1/2		1/2		1/2	5,068.02	1/2	4,719.43	1/2	4,361.56	1/2	4,002.67	1/2	3,643.79	1/2	3,284.90
3/4		3/4		3/4		3/4		3/4	5,062.20	3/4	4,711.99	3/4	4,354.08	3/4	3,995.20	3/4	3,636.31	3/4	3,277.42
2	2	2	2	2	5,056.39	2	4,704.56	2	4,346.60	2	3,987.72	2	3,628.83	2	3,269.95	2	2,911.02		
1/4		1/4		1/4		1/4		1/4	5,050.57	1/4	4,697.12	1/4	4,339.13	1/4	3,980.24	1/4	3,621.36	1/4	3,262.47
1/2		1/2		1/2		1/2		1/2	5,043.75	1/2	4,689.67	1/2	4,331.65	1/2	3,972.76	1/2	3,613.88	1/2	3,254.99
3/4		3/4		3/4		3/4		3/4	5,036.93	3/4	4,682.21	3/4	4,324.17	3/4	3,965.29	3/4	3,606.40	3/4	3,247.52
3	3	3	3	3	5,030.11	3	4,674.76	3	4,316.70	3	3,957.81	3	3,598.92	3	3,240.04	3	2,881.10		
1/4		1/4		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	3,591.45	1/4	3,232.56
1/2		1/2		1/2		1/2		1/2	5,015.94	1/2	4,659.85	1/2	4,301.74	1/2	3,942.86	1/2	3,583.97	1/2	3,225.08
3/4		3/4		3/4		3/4		3/4	5,008.59	3/4	4,652.39	3/4	4,294.27	3/4	3,935.38	3/4	3,576.49	3/4	3,217.61
4	4	4	4	4	5,001.23	4	4,644.94	4	4,286.79	4	3,927.90	4	3,569.02	4	3,210.13	4	2,851.18		
1/4		1/4		1/4		1/4		1/4	4,993.88	1/4	4,637.48	1/4	4,279.31	1/4	3,920.43	1/4	3,561.54	1/4	3,202.65
1/2		1/2		1/2		1/2		1/2	4,986.46	1/2	4,630.03	1/2	4,271.84	1/2	3,912.95	1/2	3,554.06	1/2	3,195.18
3/4		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	3,546.59	3/4	3,187.70
5	5	5	5	5	4,971.62	5	4,615.12	5	4,256.88	5	3,898.00	5	3,539.11	5	3,180.22	5	2,821.25		
1/4		1/4		1/4		1/4		1/4	4,964.20	1/4	4,607.66	1/4	4,249.41	1/4	3,890.52	1/4	3,531.63	1/4	3,172.75
1/2		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	3,524.16	1/2	3,165.27
3/4		3/4		3/4		3/4		3/4	4,949.36	3/4	4,592.75	3/4	4,234.45	3/4	3,875.57	3/4	3,516.68	3/4	3,157.79
6	6	6	6	6	4,941.94	6	4,585.29	6	4,226.98	6	3,868.09	6	3,509.20	6	3,150.32	6	2,791.33		
1/4		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	3,501.73	1/4	3,142.84
1/2		1/2		1/2		1/2		1/2	4,927.10	1/2	4,570.38	1/2	4,212.02	1/2	3,853.14	1/2	3,494.25	1/2	3,135.36
3/4		3/4		3/4		3/4		3/4	4,919.68	3/4	4,562.93	3/4	4,204.55	3/4	3,845.66	3/4	3,486.77	3/4	3,127.89
7	7	7	7	7	4,912.26	7	4,555.47	7	4,197.07	7	3,838.18	7	3,479.30	7	3,120.41	7	2,761.40		
1/4		1/4		1/4		1/4		1/4	4,904.84	1/4	4,548.02	1/4	4,189.59	1/4	3,830.71	1/4	3,471.82	1/4	3,112.93
1/2		1/2		1/2		1/2		1/2	4,897.43	1/2	4,540.56	1/2	4,182.12	1/2	3,823.23	1/2	3,464.34	1/2	3,105.46
3/4		3/4		3/4		3/4		3/4	4,890.01	3/4	4,533.11	3/4	4,174.64	3/4	3,815.75	3/4	3,456.87	3/4	3,097.98
8	8	8	8	8	4,882.59	8	4,525.65	8	4,167.16	8	3,808.28	8	3,449.39	8	3,090.50	8	2,731.48		
1/4		1/4		1/4		1/4		1/4	4,875.18	1/4	4,518.20	1/4	4,159.68	1/4	3,800.80	1/4	3,441.91	1/4	3,083.03
1/2		1/2		1/2		1/2		1/2	4,867.76	1/2	4,510.74	1/2	4,152.21	1/2	3,793.32	1/2	3,434.44	1/2	3,075.55
3/4		3/4		3/4		3/4		3/4	4,860.35	3/4	4,503.29	3/4	4,144.73	3/4	3,785.84	3/4	3,426.96	3/4	3,068.07
9	9	9	9	9	4,852.93	9	4,495.83	9	4,137.25	9	3,778.37	9	3,419.48	9	3,060.60	9	2,701.56		
1/4		1/4		1/4		1/4		1/4	4,845.51	1/4	4,488.38	1/4	4,129.78	1/4	3,770.89	1/4	3,412.00	1/4	3,053.12
1/2		1/2		1/2		1/2		1/2	4,838.10	1/2	4,480.92	1/2	4,122.30	1/2	3,763.41	1/2	3,404.53	1/2	3,045.64
3/4		3/4		3/4		3/4		3/4	4,830.68	3/4	4,473.47	3/4	4,114.82	3/4	3,755.94	3/4	3,397.05	3/4	3,038.16
10	10	10	10	10	4,823.27	10	4,466.01	10	4,107.35	10	3,748.46	10	3,389.57	10	3,030.69	10	2,671.63		
1/4		1/4		1/4		1/4		1/4	4,815.85	1/4	4,458.56	1/4	4,099.87	1/4	3,740.98	1/4	3,382.10	1/4	3,023.21
1/2		1/2		1/2		1/2		1/2	4,808.44	1/2	4,451.10	1/2	4,092.39	1/2	3,733.51	1/2	3,374.62	1/2	3,015.73
3/4		3/4		3/4		3/4		3/4	4,801.02	3/4	4,443.65	3/4	4,084.92	3/4	3,726.03	3/4	3,367.14	3/4	3,008.26
11	11	11	11	11	4,793.60	11	4,436.19	11	4,077.44	11	3,718.55	11	3,359.67	11	3,000.78	11	2,641.71		
1/4		1/4		1/4		1/4		1/4	4,786.19	1/4	4,428.74	1/4	4,069.96	1/4	3,711.08	1/4	3,352.19	1/4	2,993.30
1/2		1/2		1/2		1/2		1/2	4,778.77	1/2	4,421.28	1/2	4,062.49	1/2	3,703.60	1/2	3,344.71	1/2	2,985.83
3/4		3/4		3/4		3/4		3/4	4,771.36	3/4	4,413.82	3/4	4,055.01	3/4	3,696.12	3/4	3,337.24	3/4	2,978.35

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

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





# BARGE "HTCO 3137"

## 2 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	2,611.79	0	2,252.70	0	1,893.62	0	1,534.54	0	1,175.88	0	830.57	0	471.65	0	112.57	0		0	
1/4	2,604.31	1/4	2,245.22	1/4	1,886.14	1/4	1,527.06	1/4	1,168.54	1/4	823.24	1/4	464.17	1/4	105.09	1/4		1/4	
1/2	2,596.82	1/2	2,237.74	1/2	1,878.66	1/2	1,519.57	1/2	1,161.34	1/2	815.76	1/2	456.69	1/2	97.61	1/2		1/2	
3/4	2,589.34	3/4	2,230.26	3/4	1,871.18	3/4	1,512.09	3/4	1,154.14	3/4	808.28	3/4	449.21	3/4	90.13	3/4		3/4	
1	2,581.86	1	2,222.78	1	1,863.70	1	1,504.61	1	1,146.94	1	800.80	1	441.73	1	82.65	1		1	
1/4	2,574.38	1/4	2,215.30	1/4	1,856.22	1/4	1,497.13	1/4	1,139.74	1/4	793.32	1/4	434.24	1/4	75.17	1/4		1/4	
1/2	2,566.90	1/2	2,207.82	1/2	1,848.73	1/2	1,489.65	1/2	1,132.55	1/2	785.84	1/2	426.76	1/2	68.16	1/2		1/2	
3/4	2,559.42	3/4	2,200.34	3/4	1,841.25	3/4	1,482.17	3/4	1,125.36	3/4	778.36	3/4	419.28	3/4	61.15	3/4		3/4	
2	2,551.94	2	2,192.86	2	1,833.77	2	1,474.69	2	1,118.17	2	770.88	2	411.80	2	54.13	2		2	
1/4	2,544.46	1/4	2,185.37	1/4	1,826.29	1/4	1,467.21	1/4	1,110.98	1/4	763.40	1/4	404.32	1/4	47.12	1/4		1/4	
1/2	2,536.98	1/2	2,177.89	1/2	1,818.81	1/2	1,459.73	1/2	1,103.79	1/2	755.92	1/2	396.84	1/2	41.51	1/2		1/2	
3/4	2,529.50	3/4	2,170.41	3/4	1,811.33	3/4	1,452.25	3/4	1,096.61	3/4	748.43	3/4	389.36	3/4	35.90	3/4		3/4	
3	2,522.02	3	2,162.93	3	1,803.85	3	1,444.77	3	1,089.42	3	740.95	3	381.88	3	30.29	3		3	
1/4	2,514.53	1/4	2,155.45	1/4	1,796.37	1/4	1,437.28	1/4	1,082.24	1/4	733.47	1/4	374.40	1/4	24.68	1/4		1/4	
1/2	2,507.05	1/2	2,147.97	1/2	1,788.89	1/2	1,429.80	1/2	1,075.06	1/2	725.99	1/2	366.92	1/2	20.94	1/2		1/2	
3/4	2,499.57	3/4	2,140.49	3/4	1,781.41	3/4	1,422.32	3/4	1,067.88	3/4	718.51	3/4	359.44	3/4		3/4		3/4	
4	2,492.09	4	2,133.01	4	1,773.93	4	1,414.84	4	1,060.70	4	711.03	4	351.96	4		4		4	
1/4	2,484.61	1/4	2,125.53	1/4	1,766.44	1/4	1,407.36	1/4	1,053.52	1/4	703.55	1/4	344.48	1/4		1/4		1/4	
1/2	2,477.13	1/2	2,118.05	1/2	1,758.96	1/2	1,399.88	1/2	1,046.34	1/2	696.07	1/2	337.00	1/2		1/2		1/2	
3/4	2,469.65	3/4	2,110.57	3/4	1,751.48	3/4	1,392.40	3/4	1,039.16	3/4	688.59	3/4	329.52	3/4		3/4		3/4	
5	2,462.17	5	2,103.09	5	1,744.00	5	1,384.92	5	1,031.98	5	681.11	5	322.03	5		5		5	
1/4	2,454.69	1/4	2,095.60	1/4	1,736.52	1/4	1,377.44	1/4	1,024.81	1/4	673.63	1/4	314.55	1/4		1/4		1/4	
1/2	2,447.21	1/2	2,088.12	1/2	1,729.04	1/2	1,369.96	1/2	1,017.63	1/2	666.15	1/2	307.07	1/2		1/2		1/2	
3/4	2,439.73	3/4	2,080.64	3/4	1,721.56	3/4	1,362.48	3/4	1,010.45	3/4	658.67	3/4	299.59	3/4		3/4		3/4	
6	2,432.24	6	2,073.16	6	1,714.08	6	1,355.00	6	1,003.28	6	651.19	6	292.11	6		6		6	
1/4	2,424.76	1/4	2,065.68	1/4	1,706.60	1/4	1,347.51	1/4	996.10	1/4	643.70	1/4	284.63	1/4		1/4		1/4	
1/2	2,417.28	1/2	2,058.20	1/2	1,699.12	1/2	1,340.03	1/2	988.92	1/2	636.22	1/2	277.15	1/2		1/2		1/2	
3/4	2,409.80	3/4	2,050.72	3/4	1,691.64	3/4	1,332.55	3/4	981.74	3/4	628.74	3/4	269.67	3/4		3/4		3/4	
7	2,402.32	7	2,043.24	7	1,684.15	7	1,325.07	7	974.57	7	621.26	7	262.19	7		7		7	
1/4	2,394.84	1/4	2,035.76	1/4	1,676.67	1/4	1,317.59	1/4	967.39	1/4	613.78	1/4	254.71	1/4		1/4		1/4	
1/2	2,387.36	1/2	2,028.28	1/2	1,669.19	1/2	1,310.11	1/2	960.21	1/2	606.30	1/2	247.23	1/2		1/2		1/2	
3/4	2,379.88	3/4	2,020.80	3/4	1,661.71	3/4	1,302.63	3/4	953.04	3/4	598.82	3/4	239.75	3/4		3/4		3/4	
8	2,372.40	8	2,013.31	8	1,654.23	8	1,295.15	8	945.86	8	591.34	8	232.27	8		8		8	
1/4	2,364.92	1/4	2,005.83	1/4	1,646.75	1/4	1,287.67	1/4	938.68	1/4	583.86	1/4	224.79	1/4		1/4		1/4	
1/2	2,357.44	1/2	1,998.35	1/2	1,639.27	1/2	1,280.19	1/2	931.50	1/2	576.38	1/2	217.30	1/2		1/2		1/2	
3/4	2,349.95	3/4	1,990.87	3/4	1,631.79	3/4	1,272.71	3/4	924.33	3/4	568.90	3/4	209.82	3/4		3/4		3/4	
9	2,342.47	9	1,983.39	9	1,624.31	9	1,265.22	9	917.15	9	561.42	9	202.34	9		9		9	
1/4	2,334.99	1/4	1,975.91	1/4	1,616.83	1/4	1,257.74	1/4	909.97	1/4	553.94	1/4	194.86	1/4		1/4		1/4	
1/2	2,327.51	1/2	1,968.43	1/2	1,609.35	1/2	1,250.26	1/2	902.80	1/2	546.46	1/2	187.38	1/2		1/2		1/2	
3/4	2,320.03	3/4	1,960.95	3/4	1,601.86	3/4	1,242.78	3/4	895.62	3/4	538.97	3/4	179.90	3/4		3/4		3/4	
10	2,312.55	10	1,953.47	10	1,594.38	10	1,235.30	10	888.44	10	531.49	10	172.42	10		10		10	
1/4	2,305.07	1/4	1,945.99	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	
1/2	2,297.59	1/2	1,938.51	1/2	1,579.42	1/2	1,220.34	1/2	874.09	1/2	516.53	1/2	157.46	1/2		1/2		1/2	
3/4	2,290.11	3/4	1,931.02	3/4	1,571.94	3/4	1,212.86	3/4	866.91	3/4	509.05	3/4	149.98	3/4		3/4		3/4	
11	2,282.63	11	1,923.54	11	1,564.46	11	1,205.38	11	859.73	11	501.57	11	142.50	11		11		11	
1/4	2,275.15	1/4	1,916.06	1/4	1,556.98	1/4	1,197.90	1/4	852.55	1/4	494.09	1/4	135.02	1/4		1/4		1/4	
1/2	2,267.66	1/2	1,908.58	1/2	1,549.50	1/2	1,190.56	1/2	845.23	1/2	486.61	1/2	127.54	1/2		1/2		1/2	
3/4	2,260.18	3/4	1,901.10	3/4	1,542.02	3/4	1,183.22	3/4	837.90	3/4	479.13	3/4	120.06	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2015 CL  
RECALCULATED: 05/07/2020 CL  
REPRINTED: 05/07/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "HTCO 3137"

## 2 STBD

### ULLAGE TABLE

### HERMETIC

### GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,777.83	0	4,420.26	0	4,061.44	0	3,702.55	0	3,343.66	0	2,984.76
1/4		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
1/2		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
3/4		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
1		1		1		1		1	5,092.46	1	4,748.17	1	4,390.41	1	4,031.53	1	3,672.64	1	3,313.75
1/4		1/4		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
1/2		1/2		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
3/4		3/4		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
2		2		2		2		2	5,070.26	2	4,718.45	2	4,360.51	2	4,001.62	2	3,642.73	2	3,283.84
1/4		1/4		1/4		1/4		1/4	5,064.45	1/4	4,711.01	1/4	4,353.04	1/4	3,994.15	1/4	3,635.25	1/4	3,276.36
1/2		1/2		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
3/4		3/4		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		3		3		3		3	5,043.99	3	4,688.65	3	4,330.61	3	3,971.71	3	3,612.82	3	3,253.93
1/4		1/4		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	3,246.46
1/2		1/2		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
3/4		3/4		3/4		3/4		3/4	5,022.47	3/4	4,666.28	3/4	4,308.18	3/4	3,949.28	3/4	3,590.39	3/4	3,231.50
4		4		4		4		4	5,015.11	4	4,658.83	4	4,300.70	4	3,941.81	4	3,582.92	4	3,224.02
1/4		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
1/2		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
3/4		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	3,560.49	3/4	3,201.59
5		5		5		5		5	4,985.50	5	4,629.00	5	4,270.79	5	3,911.90	5	3,553.01	5	3,194.12
1/4		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
1/2		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
3/4		3/4		3/4		3/4		3/4	4,963.25	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
6		6		6		6		6	4,955.83	6	4,599.18	6	4,240.88	6	3,881.99	6	3,523.10	6	3,164.21
1/4		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
1/2		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
3/4		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
7		7		7		7		7	4,926.15	7	4,569.36	7	4,210.98	7	3,852.08	7	3,493.19	7	3,134.30
1/4		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
1/2		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
3/4		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
8		8		8		8		8	4,896.48	8	4,539.54	8	4,181.07	8	3,822.18	8	3,463.29	8	3,104.39
1/4		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
1/2		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
3/4		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
9		9		9		9		9	4,866.81	9	4,509.72	9	4,151.16	9	3,792.27	9	3,433.38	9	3,074.49
1/4		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
1/2		1/2		1/2		1/2		1/2	4,851.98	1/2	4,494.81	1/2	4,136.21	1/2	3,777.32	1/2	3,418.42	1/2	3,059.53
3/4		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
10		10		10		10		10	4,837.15	10	4,479.90	10	4,121.25	10	3,762.36	10	3,403.47	10	3,044.58
1/4		1/4		1/4		1/4		1/4	4,829.74	1/4	4,472.45	1/4	4,113.78	1/4	3,754.88	1/4	3,395.99	1/4	3,037.10
1/2		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	3,029.63
3/4		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
11		11		11		11		11	4,807.49	11	4,450.08	11	4,091.35	11	3,732.45	11	3,373.56	11	3,014.67
1/4		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
1/2		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
3/4		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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

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





# BARGE "HTCO 3137"

2 STBD

ULLAGE TABLE  
HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,625.68	0	2,266.59	0	1,907.51	0	1,548.43	0	1,189.34	0	830.72	0	471.65	0	112.58	0		0	
1/4	2,618.20	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	
1/2	2,610.71	1/2	2,251.63	1/2	1,892.55	1/2	1,533.47	1/2	1,174.38	1/2	815.76	1/2	456.69	1/2	97.61	1/2		1/2	
3/4	2,603.23	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	
1	2,595.75	1	2,236.67	1	1,877.59	1	1,518.50	1	1,159.42	1	800.80	1	441.73	1	82.65	1		1	
1/4	2,588.27	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	
1/2	2,580.79	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	
3/4	2,573.31	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	
2	2,565.83	2	2,206.75	2	1,847.66	2	1,488.58	2	1,129.50	2	770.88	2	411.80	2	54.13	2		2	
1/4	2,558.35	1/4	2,199.27	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	
1/2	2,550.87	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	
3/4	2,543.39	3/4	2,184.30	3/4	1,825.22	3/4	1,466.14	3/4	1,107.08	3/4	748.44	3/4	389.36	3/4	35.90	3/4		3/4	
3	2,535.91	3	2,176.82	3	1,817.74	3	1,458.66	3	1,099.60	3	740.95	3	381.88	3	30.29	3		3	
1/4	2,528.42	1/4	2,169.34	1/4	1,810.26	1/4	1,451.18	1/4	1,092.13	1/4	733.47	1/4	374.40	1/4	24.68	1/4		1/4	
1/2	2,520.94	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	
3/4	2,513.46	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	
4	2,505.98	4	2,146.90	4	1,787.82	4	1,428.73	4	1,069.71	4	711.03	4	351.96	4		4		4	
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	
1/2	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	
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	
5	2,476.06	5	2,116.98	5	1,757.89	5	1,398.81	5	1,039.83	5	681.11	5	322.04	5	5	5		5	
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	
1/2	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	
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	
6	2,446.13	6	2,087.05	6	1,727.97	6	1,368.89	6	1,009.96	6	651.19	6	292.11	6	6	6		6	
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	643.71	1/4	284.63	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	
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	
7	2,416.21	7	2,057.13	7	1,698.04	7	1,338.96	7	980.09	7	621.26	7	262.19	7	7	7		7	
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	
1/2	2,401.25	1/2	2,042.17	1/2	1,683.08	1/2	1,324.00	1/2	965.16	1/2	606.30	1/2	247.23	1/2		1/2		1/2	
3/4	2,393.77	3/4	2,034.69	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	
8	2,386.29	8	2,027.20	8	1,668.12	8	1,309.04	8	950.22	8	591.34	8	232.27	8	8	8		8	
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	
1/2	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	217.31	1/2		1/2		1/2	
3/4	2,363.85	3/4	2,004.76	3/4	1,645.68	3/4	1,286.60	3/4	927.82	3/4	568.90	3/4	209.82	3/4		3/4		3/4	
9	2,356.36	9	1,997.28	9	1,638.20	9	1,279.11	9	920.35	9	561.42	9	202.34	9	9	9		9	
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	
1/2	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	
3/4	2,333.92	3/4	1,974.84	3/4	1,615.76	3/4	1,256.67	3/4	897.94	3/4	538.98	3/4	179.90	3/4		3/4		3/4	
10	2,326.44	10	1,967.36	10	1,608.27	10	1,249.19	10	890.48	10	531.49	10	172.42	10	10	10		10	
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	
1/2	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	
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	
11	2,296.52	11	1,937.43	11	1,578.35	11	1,219.27	11	860.60	11	501.57	11	142.50	11	11	11		11	
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	
1/2	2,281.56	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	
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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2015 CL  
RECALCULATED: 05/07/2020 CL  
REPRINTED: 05/07/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2020

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



# BARGE "HTCO 3137"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,375.31	0	4,129.36	0	3,882.57	0	3,635.72	0	3,312.08	0	2,956.24
1/4		1/4		1/4		1/4		1/4	4,370.20	1/4	4,124.24	1/4	3,877.42	1/4	3,630.57	1/4	3,304.68	1/4	2,948.83
1/2		1/2		1/2		1/2		1/2	4,365.10	1/2	4,119.11	1/2	3,872.28	1/2	3,625.43	1/2	3,297.29	1/2	2,941.41
3/4		3/4		3/4		3/4		3/4	4,360.00	3/4	4,113.97	3/4	3,867.14	3/4	3,620.29	3/4	3,289.89	3/4	2,933.99
1		1		1		1		1	4,354.90	1	4,108.83	1	3,861.99	1	3,615.15	1	3,282.50	1	2,926.57
1/4		1/4		1/4		1/4		1/4	4,583.02	1/4	4,349.80	1/4	4,103.70	1/4	3,856.85	1/4	3,610.00	1/4	3,275.10
1/2		1/2		1/2		1/2		1/2	4,580.58	1/2	4,344.70	1/2	4,098.56	1/2	3,851.71	1/2	3,604.86	1/2	3,267.70
3/4		3/4		3/4		3/4		3/4	4,577.07	3/4	4,339.58	3/4	4,093.42	3/4	3,846.57	3/4	3,599.72	3/4	3,260.30
2		2		2		2		2	4,573.56	2	4,334.47	2	4,088.27	2	3,841.42	2	3,594.57	2	3,252.89
1/4		1/4		1/4		1/4		1/4	4,570.05	1/4	4,329.35	1/4	4,083.13	1/4	3,836.28	1/4	3,589.43	1/4	3,245.49
1/2		1/2		1/2		1/2		1/2	4,566.54	1/2	4,324.24	1/2	4,077.99	1/2	3,831.14	1/2	3,584.29	1/2	3,238.08
3/4		3/4		3/4		3/4		3/4	4,562.04	3/4	4,319.11	3/4	4,072.85	3/4	3,826.00	3/4	3,578.57	3/4	3,230.66
3		3		3		3		3	4,557.53	3	4,313.98	3	4,067.70	3	3,820.85	3	3,572.86	3	3,223.25
1/4		1/4		1/4		1/4		1/4	4,553.03	1/4	4,308.86	1/4	4,062.56	1/4	3,815.71	1/4	3,567.14	1/4	3,215.83
1/2		1/2		1/2		1/2		1/2	4,548.52	1/2	4,303.73	1/2	4,057.42	1/2	3,810.57	1/2	3,561.42	1/2	3,208.41
3/4		3/4		3/4		3/4		3/4	4,543.48	3/4	4,298.60	3/4	4,052.27	3/4	3,805.43	3/4	3,555.57	3/4	3,201.00
4		4		4		4		4	4,538.45	4	4,293.47	4	4,047.13	4	3,800.28	4	3,547.73	4	3,193.58
1/4		1/4		1/4		1/4		1/4	4,533.41	1/4	4,288.34	1/4	4,041.99	1/4	3,795.14	1/4	3,540.88	1/4	3,186.16
1/2		1/2		1/2		1/2		1/2	4,528.37	1/2	4,283.21	1/2	4,036.85	1/2	3,790.00	1/2	3,534.03	1/2	3,178.75
3/4		3/4		3/4		3/4		3/4	4,523.27	3/4	4,278.09	3/4	4,031.70	3/4	3,784.85	3/4	3,526.62	3/4	3,171.33
5		5		5		5		5	4,518.16	5	4,272.96	5	4,026.56	5	3,779.71	5	3,519.21	5	3,163.91
1/4		1/4		1/4		1/4		1/4	4,513.06	1/4	4,267.83	1/4	4,021.42	1/4	3,774.57	1/4	3,511.81	1/4	3,156.50
1/2		1/2		1/2		1/2		1/2	4,507.96	1/2	4,262.70	1/2	4,016.28	1/2	3,769.43	1/2	3,504.40	1/2	3,149.08
3/4		3/4		3/4		3/4		3/4	4,502.85	3/4	4,257.57	3/4	4,011.13	3/4	3,764.28	3/4	3,497.00	3/4	3,141.66
6		6		6		6		6	4,497.75	6	4,252.44	6	4,005.99	6	3,759.14	6	3,489.59	6	3,134.25
1/4		1/4		1/4		1/4		1/4	4,492.65	1/4	4,247.32	1/4	4,000.85	1/4	3,754.00	1/4	3,482.19	1/4	3,126.83
1/2		1/2		1/2		1/2		1/2	4,487.54	1/2	4,242.19	1/2	3,995.70	1/2	3,748.86	1/2	3,474.79	1/2	3,119.41
3/4		3/4		3/4		3/4		3/4	4,482.44	3/4	4,237.06	3/4	3,990.56	3/4	3,743.71	3/4	3,467.40	3/4	3,112.00
7		7		7		7		7	4,477.34	7	4,231.93	7	3,985.42	7	3,738.57	7	3,460.00	7	3,104.58
1/4		1/4		1/4		1/4		1/4	4,472.23	1/4	4,226.80	1/4	3,980.28	1/4	3,733.43	1/4	3,452.60	1/4	3,097.16
1/2		1/2		1/2		1/2		1/2	4,467.13	1/2	4,221.67	1/2	3,975.13	1/2	3,728.28	1/2	3,445.21	1/2	3,089.74
3/4		3/4		3/4		3/4		3/4	4,462.03	3/4	4,216.55	3/4	3,969.99	3/4	3,723.14	3/4	3,437.81	3/4	3,082.33
8		8		8		8		8	4,456.92	8	4,211.42	8	3,964.85	8	3,718.00	8	3,430.42	8	3,074.91
1/4		1/4		1/4		1/4		1/4	4,451.82	1/4	4,206.29	1/4	3,959.71	1/4	3,712.86	1/4	3,423.02	1/4	3,067.49
1/2		1/2		1/2		1/2		1/2	4,446.72	1/2	4,201.16	1/2	3,954.56	1/2	3,707.71	1/2	3,415.62	1/2	3,060.08
3/4		3/4		3/4		3/4		3/4	4,441.62	3/4	4,196.03	3/4	3,949.42	3/4	3,702.57	3/4	3,408.23	3/4	3,052.66
9		9		9		9		9	4,436.52	9	4,190.90	9	3,944.28	9	3,697.43	9	3,400.83	9	3,045.24
1/4		1/4		1/4		1/4		1/4	4,431.42	1/4	4,185.78	1/4	3,939.14	1/4	3,692.29	1/4	3,393.44	1/4	3,037.83
1/2		1/2		1/2		1/2		1/2	4,426.32	1/2	4,180.65	1/2	3,933.99	1/2	3,687.14	1/2	3,386.04	1/2	3,030.41
3/4		3/4		3/4		3/4		3/4	4,421.21	3/4	4,175.52	3/4	3,928.85	3/4	3,682.00	3/4	3,378.64	3/4	3,022.99
10		10		10		10		10	4,416.11	10	4,170.39	10	3,923.71	10	3,676.86	10	3,371.25	10	3,015.58
1/4		1/4		1/4		1/4		1/4	4,411.01	1/4	4,165.26	1/4	3,918.56	1/4	3,671.71	1/4	3,363.85	1/4	3,008.16
1/2		1/2		1/2		1/2		1/2	4,405.91	1/2	4,160.13	1/2	3,913.42	1/2	3,666.57	1/2	3,356.46	1/2	3,000.74
3/4		3/4		3/4		3/4		3/4	4,400.81	3/4	4,155.01	3/4	3,908.28	3/4	3,661.43	3/4	3,349.06	3/4	2,993.33
11		11		11		11		11	4,395.71	11	4,149.88	11	3,903.14	11	3,656.29	11	3,341.66	11	2,985.91
1/4		1/4		1/4		1/4		1/4	4,390.61	1/4	4,144.75	1/4	3,897.99	1/4	3,651.14	1/4	3,334.27	1/4	2,978.49
1/2		1/2		1/2		1/2		1/2	4,385.51	1/2	4,139.62	1/2	3,892.85	1/2	3,646.00	1/2	3,326.87	1/2	2,971.08
3/4		3/4		3/4		3/4		3/4	4,380.41	3/4	4,134.49	3/4	3,887.71	3/4	3,640.86	3/4	3,319.48	3/4	2,963.66

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "HTCO 3137"

## 3 PORT ULLAGE TABLE HERMETIC

GUAGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,600.11	0	2,244.89	0	1,891.34	0	1,534.92	0	1,178.65	0	832.53	0	476.08	0	119.42	0		0	
1/4	2,592.69	1/4	2,237.51	1/4	1,883.94	1/4	1,527.49	1/4	1,171.33	1/4	825.21	1/4	468.65	1/4	111.99	1/4		1/4	
1/2	2,585.26	1/2	2,230.14	1/2	1,876.55	1/2	1,520.07	1/2	1,164.00	1/2	817.90	1/2	461.22	1/2	104.55	1/2		1/2	
3/4	2,577.84	3/4	2,222.77	3/4	1,869.12	3/4	1,512.64	3/4	1,156.79	3/4	810.47	3/4	453.79	3/4	97.11	3/4		3/4	
1	2,570.41	1	2,215.41	1	1,861.69	1	1,505.21	1	1,149.57	1	803.04	1	446.36	1	89.67	1		1	
1/4	2,562.98	1/4	2,208.04	1/4	1,854.27	1/4	1,497.79	1/4	1,142.35	1/4	795.60	1/4	438.93	1/4	82.23	1/4		1/4	
1/2	2,555.56	1/2	2,200.68	1/2	1,846.84	1/2	1,490.36	1/2	1,135.14	1/2	788.17	1/2	431.50	1/2	74.79	1/2		1/2	
3/4	2,548.13	3/4	2,193.32	3/4	1,839.41	3/4	1,482.93	3/4	1,127.93	3/4	780.74	3/4	424.07	3/4	67.81	3/4		3/4	
2	2,540.70	2	2,185.95	2	1,831.99	2	1,475.51	2	1,120.72	2	773.31	2	416.64	2	60.84	2		2	
1/4	2,533.28	1/4	2,178.59	1/4	1,824.56	1/4	1,468.08	1/4	1,113.51	1/4	765.88	1/4	409.21	1/4	53.86	1/4		1/4	
1/2	2,525.85	1/2	2,171.22	1/2	1,817.13	1/2	1,460.65	1/2	1,106.30	1/2	758.45	1/2	401.78	1/2	46.88	1/2		1/2	
3/4	2,518.42	3/4	2,163.86	3/4	1,809.71	3/4	1,453.23	3/4	1,099.09	3/4	751.02	3/4	394.35	3/4	41.30	3/4		3/4	
3	2,511.00	3	2,156.50	3	1,802.28	3	1,445.80	3	1,091.89	3	743.59	3	386.92	3	35.72	3		3	
1/4	2,503.57	1/4	2,149.13	1/4	1,794.85	1/4	1,438.37	1/4	1,084.68	1/4	736.16	1/4	379.49	1/4	30.14	1/4		1/4	
1/2	2,496.14	1/2	2,141.77	1/2	1,787.43	1/2	1,430.95	1/2	1,077.48	1/2	728.73	1/2	372.06	1/2	24.55	1/2		1/2	
3/4	2,488.74	3/4	2,134.41	3/4	1,780.00	3/4	1,423.52	3/4	1,070.28	3/4	721.30	3/4	364.63	3/4	20.83	3/4		3/4	
4	2,481.33	4	2,127.04	4	1,772.57	4	1,416.09	4	1,063.07	4	713.87	4	357.20	4		4		4	
1/4	2,473.92	1/4	2,119.68	1/4	1,765.15	1/4	1,408.67	1/4	1,055.87	1/4	706.43	1/4	349.77	1/4		1/4		1/4	
1/2	2,466.51	1/2	2,112.31	1/2	1,757.72	1/2	1,401.24	1/2	1,048.67	1/2	699.00	1/2	342.35	1/2		1/2		1/2	
3/4	2,459.12	3/4	2,104.95	3/4	1,750.29	3/4	1,393.81	3/4	1,041.47	3/4	691.57	3/4	334.92	3/4		3/4		3/4	
5	2,451.74	5	2,097.59	5	1,742.87	5	1,386.39	5	1,034.28	5	684.14	5	327.49	5		5		5	
1/4	2,444.35	1/4	2,090.22	1/4	1,735.44	1/4	1,378.96	1/4	1,027.08	1/4	676.71	1/4	320.06	1/4		1/4		1/4	
1/2	2,436.96	1/2	2,082.86	1/2	1,728.01	1/2	1,371.53	1/2	1,019.88	1/2	669.28	1/2	312.63	1/2		1/2		1/2	
3/4	2,429.57	3/4	2,075.50	3/4	1,720.59	3/4	1,364.10	3/4	1,012.69	3/4	661.85	3/4	305.20	3/4		3/4		3/4	
6	2,422.18	6	2,068.13	6	1,713.16	6	1,356.68	6	1,005.49	6	654.42	6	297.77	6		6		6	
1/4	2,414.80	1/4	2,060.77	1/4	1,705.73	1/4	1,349.25	1/4	998.29	1/4	646.99	1/4	290.34	1/4		1/4		1/4	
1/2	2,407.41	1/2	2,053.40	1/2	1,698.31	1/2	1,341.82	1/2	991.09	1/2	639.56	1/2	282.91	1/2		1/2		1/2	
3/4	2,400.02	3/4	2,046.04	3/4	1,690.88	3/4	1,334.40	3/4	983.90	3/4	632.13	3/4	275.48	3/4		3/4		3/4	
7	2,392.63	7	2,038.68	7	1,683.45	7	1,326.97	7	976.70	7	624.69	7	268.05	7		7		7	
1/4	2,385.24	1/4	2,031.31	1/4	1,676.03	1/4	1,319.54	1/4	969.50	1/4	617.26	1/4	260.62	1/4		1/4		1/4	
1/2	2,377.85	1/2	2,023.95	1/2	1,668.60	1/2	1,312.12	1/2	962.31	1/2	609.83	1/2	253.19	1/2		1/2		1/2	
3/4	2,370.47	3/4	2,016.59	3/4	1,661.17	3/4	1,304.69	3/4	955.11	3/4	602.40	3/4	245.76	3/4		3/4		3/4	
8	2,363.08	8	2,009.22	8	1,653.75	8	1,297.26	8	947.91	8	594.97	8	238.33	8		8		8	
1/4	2,355.69	1/4	2,001.86	1/4	1,646.32	1/4	1,289.84	1/4	940.71	1/4	587.54	1/4	230.90	1/4		1/4		1/4	
1/2	2,348.30	1/2	1,994.49	1/2	1,638.89	1/2	1,282.41	1/2	933.52	1/2	580.11	1/2	223.47	1/2		1/2		1/2	
3/4	2,340.91	3/4	1,987.13	3/4	1,631.47	3/4	1,274.98	3/4	926.32	3/4	572.68	3/4	216.04	3/4		3/4		3/4	
9	2,333.52	9	1,979.77	9	1,624.04	9	1,267.56	9	919.12	9	565.25	9	208.61	9		9		9	
1/4	2,326.14	1/4	1,972.40	1/4	1,616.61	1/4	1,260.13	1/4	911.93	1/4	557.82	1/4	201.18	1/4		1/4		1/4	
1/2	2,318.75	1/2	1,965.04	1/2	1,609.19	1/2	1,252.70	1/2	904.73	1/2	550.39	1/2	193.75	1/2		1/2		1/2	
3/4	2,311.36	3/4	1,957.67	3/4	1,601.76	3/4	1,245.28	3/4	897.53	3/4	542.95	3/4	186.31	3/4		3/4		3/4	
10	2,303.97	10	1,950.31	10	1,594.33	10	1,237.85	10	890.34	10	535.52	10	178.88	10		10		10	
1/4	2,296.58	1/4	1,942.95	1/4	1,586.91	1/4	1,230.42	1/4	883.14	1/4	528.09	1/4	171.45	1/4		1/4		1/4	
1/2	2,289.20	1/2	1,935.58	1/2	1,579.48	1/2	1,223.00	1/2	875.94	1/2	520.66	1/2	164.02	1/2		1/2		1/2	
3/4	2,281.81	3/4	1,928.22	3/4	1,572.05	3/4	1,215.57	3/4	868.74	3/4	513.23	3/4	156.59	3/4		3/4		3/4	
11	2,274.42	11	1,920.86	11	1,564.63	11	1,208.14	11	861.55	11	505.80	11	149.16	11		11		11	
1/4	2,267.03	1/4	1,913.49	1/4	1,557.20	1/4	1,200.72	1/4	854.35	1/4	498.37	1/4	141.72	1/4		1/4		1/4	
1/2	2,259.64	1/2	1,906.13	1/2	1,549.77	1/2	1,193.29	1/2	847.15	1/2	490.94	1/2	134.29	1/2		1/2		1/2	
3/4	2,252.27	3/4	1,898.73	3/4	1,542.35	3/4	1,185.97	3/4	839.84	3/4	483.51	3/4	126.86	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2015 CL  
RECALCULATED: 05/07/2020 CL  
REPRINTED: 05/07/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2020

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



# BARGE "HTCO 3137"

## 3 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	4,391.97	0	4,145.93	0	3,899.05	0	3,652.14	0	3,325.78	0	2,969.14		
1/4		1/4		1/4		1/4	4,386.87	1/4	4,140.80	1/4	3,893.91	1/4	3,646.99	1/4	3,318.37	1/4	2,961.71		
1/2		1/2		1/2		1/2	4,381.76	1/2	4,135.67	1/2	3,888.76	1/2	3,641.85	1/2	3,310.96	1/2	2,954.27		
3/4		3/4		3/4		3/4	4,376.66	3/4	4,130.53	3/4	3,883.62	3/4	3,636.70	3/4	3,303.55	3/4	2,946.84		
1		1		1		1	4,604.85	1	4,371.56	1	4,125.39	1	3,878.48	1	3,631.56	1	3,296.13	1	2,939.40
1/4		1/4		1/4		1/4	4,602.41	1/4	4,366.46	1/4	4,120.25	1/4	3,873.33	1/4	3,626.42	1/4	3,288.72	1/4	2,931.97
1/2		1/2		1/2		1/2	4,598.90	1/2	4,361.34	1/2	4,115.10	1/2	3,868.19	1/2	3,621.27	1/2	3,281.30	1/2	2,924.53
3/4		3/4		3/4		3/4	4,595.39	3/4	4,356.22	3/4	4,109.96	3/4	3,863.04	3/4	3,616.13	3/4	3,273.88	3/4	2,917.10
2		2		2		2	4,591.88	2	4,351.11	2	4,104.82	2	3,857.90	2	3,610.98	2	3,266.45	2	2,909.66
1/4		1/4		1/4		1/4	4,588.37	1/4	4,345.99	1/4	4,099.67	1/4	3,852.76	1/4	3,605.84	1/4	3,259.03	1/4	2,902.22
1/2		1/2		1/2		1/2	4,583.86	1/2	4,340.86	1/2	4,094.53	1/2	3,847.61	1/2	3,600.12	1/2	3,251.60	1/2	2,894.79
3/4		3/4		3/4		3/4	4,579.35	3/4	4,335.73	3/4	4,089.38	3/4	3,842.47	3/4	3,594.40	3/4	3,244.17	3/4	2,887.35
3		3		3		3	4,574.84	3	4,330.60	3	4,084.24	3	3,837.32	3	3,588.69	3	3,236.73	3	2,879.92
1/4		1/4		1/4		1/4	4,570.34	1/4	4,325.47	1/4	4,079.10	1/4	3,832.18	1/4	3,582.97	1/4	3,229.30	1/4	2,872.48
1/2		1/2		1/2		1/2	4,565.30	1/2	4,320.34	1/2	4,073.95	1/2	3,827.04	1/2	3,576.12	1/2	3,221.87	1/2	2,865.05
3/4		3/4		3/4		3/4	4,560.26	3/4	4,315.21	3/4	4,068.81	3/4	3,821.89	3/4	3,569.27	3/4	3,214.43	3/4	2,857.61
4		4		4		4	4,555.22	4	4,310.08	4	4,063.66	4	3,816.75	4	3,562.42	4	3,207.00	4	2,850.18
1/4		1/4		1/4		1/4	4,550.18	1/4	4,304.95	1/4	4,058.52	1/4	3,811.60	1/4	3,555.57	1/4	3,199.57	1/4	2,842.74
1/2		1/2		1/2		1/2	4,545.08	1/2	4,299.82	1/2	4,053.38	1/2	3,806.46	1/2	3,548.15	1/2	3,192.13	1/2	2,835.30
3/4		3/4		3/4		3/4	4,539.97	3/4	4,294.69	3/4	4,048.23	3/4	3,801.31	3/4	3,540.74	3/4	3,184.70	3/4	2,827.87
5		5		5		5	4,534.87	5	4,289.57	5	4,043.09	5	3,796.17	5	3,533.33	5	3,177.27	5	2,820.43
1/4		1/4		1/4		1/4	4,529.76	1/4	4,284.44	1/4	4,037.94	1/4	3,791.03	1/4	3,525.92	1/4	3,169.84	1/4	2,813.00
1/2		1/2		1/2		1/2	4,524.66	1/2	4,279.31	1/2	4,032.80	1/2	3,785.88	1/2	3,518.50	1/2	3,162.40	1/2	2,805.56
3/4		3/4		3/4		3/4	4,519.55	3/4	4,274.18	3/4	4,027.66	3/4	3,780.74	3/4	3,511.09	3/4	3,154.97	3/4	2,798.13
6		6		6		6	4,514.44	6	4,269.05	6	4,022.51	6	3,775.59	6	3,503.68	6	3,147.54	6	2,790.69
1/4		1/4		1/4		1/4	4,509.34	1/4	4,263.92	1/4	4,017.37	1/4	3,770.45	1/4	3,496.27	1/4	3,140.10	1/4	2,783.25
1/2		1/2		1/2		1/2	4,504.23	1/2	4,258.79	1/2	4,012.22	1/2	3,765.31	1/2	3,488.85	1/2	3,132.67	1/2	2,775.82
3/4		3/4		3/4		3/4	4,499.13	3/4	4,253.66	3/4	4,007.08	3/4	3,760.16	3/4	3,481.44	3/4	3,125.24	3/4	2,768.38
7		7		7		7	4,494.02	7	4,248.53	7	4,001.93	7	3,755.02	7	3,474.03	7	3,117.81	7	2,760.95
1/4		1/4		1/4		1/4	4,488.92	1/4	4,243.40	1/4	3,996.79	1/4	3,749.87	1/4	3,466.62	1/4	3,110.37	1/4	2,753.51
1/2		1/2		1/2		1/2	4,483.82	1/2	4,238.27	1/2	3,991.65	1/2	3,744.73	1/2	3,459.21	1/2	3,102.94	1/2	2,746.08
3/4		3/4		3/4		3/4	4,478.71	3/4	4,233.14	3/4	3,986.50	3/4	3,739.59	3/4	3,451.79	3/4	3,095.51	3/4	2,738.64
8		8		8		8	4,473.61	8	4,228.01	8	3,981.36	8	3,734.44	8	3,444.38	8	3,088.07	8	2,731.21
1/4		1/4		1/4		1/4	4,468.50	1/4	4,222.88	1/4	3,976.21	1/4	3,729.30	1/4	3,436.97	1/4	3,080.64	1/4	2,723.77
1/2		1/2		1/2		1/2	4,463.40	1/2	4,217.75	1/2	3,971.07	1/2	3,724.15	1/2	3,429.56	1/2	3,073.21	1/2	2,716.33
3/4		3/4		3/4		3/4	4,458.30	3/4	4,212.62	3/4	3,965.93	3/4	3,719.01	3/4	3,422.14	3/4	3,065.78	3/4	2,708.90
9		9		9		9	4,453.20	9	4,207.49	9	3,960.78	9	3,713.87	9	3,414.73	9	3,058.34	9	2,701.46
1/4		1/4		1/4		1/4	4,448.10	1/4	4,202.36	1/4	3,955.64	1/4	3,708.72	1/4	3,407.32	1/4	3,050.91	1/4	2,694.03
1/2		1/2		1/2		1/2	4,442.99	1/2	4,197.23	1/2	3,950.49	1/2	3,703.58	1/2	3,399.91	1/2	3,043.48	1/2	2,686.59
3/4		3/4		3/4		3/4	4,437.89	3/4	4,192.10	3/4	3,945.35	3/4	3,698.43	3/4	3,392.49	3/4	3,036.04	3/4	2,679.16
10		10		10		10	4,432.79	10	4,186.97	10	3,940.21	10	3,693.29	10	3,385.08	10	3,028.61	10	2,671.72
1/4		1/4		1/4		1/4	4,427.69	1/4	4,181.84	1/4	3,935.06	1/4	3,688.14	1/4	3,377.67	1/4	3,021.18	1/4	2,664.29
1/2		1/2		1/2		1/2	4,422.58	1/2	4,176.71	1/2	3,929.92	1/2	3,683.00	1/2	3,370.26	1/2	3,013.75	1/2	2,656.85
3/4		3/4		3/4		3/4	4,417.48	3/4	4,171.58	3/4	3,924.77	3/4	3,677.86	3/4	3,362.85	3/4	3,006.31	3/4	2,649.41
11		11		11		11	4,412.38	11	4,166.45	11	3,919.63	11	3,672.71	11	3,355.43	11	2,998.88	11	2,641.98
1/4		1/4		1/4		1/4	4,407.28	1/4	4,161.32	1/4	3,914.48	1/4	3,667.57	1/4	3,348.02	1/4	2,991.45	1/4	2,634.54
1/2		1/2		1/2		1/2	4,402.17	1/2	4,156.19	1/2	3,909.34	1/2	3,662.42	1/2	3,340.61	1/2	2,984.01	1/2	2,627.10
3/4		3/4		3/4		3/4	4,397.07	3/4	4,151.06	3/4	3,904.20	3/4	3,657.28	3/4	3,333.20	3/4	2,976.58	3/4	2,619.66

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "HTCO 3137"

## 3 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	2,612.22	0	2,254.96	0	1,897.71	0	1,540.46	0	1,183.20	0	826.49	0	469.25	0	112.00	0		0	
1/4	2,604.78	1/4	2,247.52	1/4	1,890.27	1/4	1,533.01	1/4	1,175.76	1/4	819.05	1/4	461.81	1/4	104.56	1/4		1/4	
1/2	2,597.33	1/2	2,240.08	1/2	1,882.82	1/2	1,525.57	1/2	1,168.32	1/2	811.61	1/2	454.36	1/2	97.12	1/2		1/2	
3/4	2,589.89	3/4	2,232.64	3/4	1,875.38	3/4	1,518.13	3/4	1,160.87	3/4	804.17	3/4	446.92	3/4	89.68	3/4		3/4	
1	2,582.45	1	2,225.19	1	1,867.94	1	1,510.68	1	1,153.43	1	796.72	1	439.48	1	82.23	1		1	
1/4	2,575.00	1/4	2,217.75	1/4	1,860.50	1/4	1,503.24	1/4	1,145.99	1/4	789.28	1/4	432.04	1/4	74.79	1/4		1/4	
1/2	2,567.56	1/2	2,210.31	1/2	1,853.05	1/2	1,495.80	1/2	1,138.55	1/2	781.84	1/2	424.59	1/2	67.81	1/2		1/2	
3/4	2,560.12	3/4	2,202.86	3/4	1,845.61	3/4	1,488.36	3/4	1,131.11	3/4	774.40	3/4	417.15	3/4	60.84	3/4		3/4	
2	2,552.68	2	2,195.42	2	1,838.17	2	1,480.91	2	1,123.67	2	766.95	2	409.71	2	53.86	2		2	
1/4	2,545.23	1/4	2,187.98	1/4	1,830.72	1/4	1,473.47	1/4	1,116.23	1/4	759.51	1/4	402.27	1/4	46.88	1/4		1/4	
1/2	2,537.79	1/2	2,180.54	1/2	1,823.28	1/2	1,466.03	1/2	1,108.80	1/2	752.07	1/2	394.82	1/2	41.30	1/2		1/2	
3/4	2,530.35	3/4	2,173.09	3/4	1,815.84	3/4	1,458.58	3/4	1,101.36	3/4	744.63	3/4	387.38	3/4	35.72	3/4		3/4	
3	2,522.91	3	2,165.65	3	1,808.40	3	1,451.14	3	1,093.93	3	737.18	3	379.94	3	30.14	3		3	
1/4	2,515.46	1/4	2,158.21	1/4	1,800.95	1/4	1,443.70	1/4	1,086.49	1/4	729.74	1/4	372.50	1/4	24.55	1/4		1/4	
1/2	2,508.02	1/2	2,150.77	1/2	1,793.51	1/2	1,436.26	1/2	1,079.06	1/2	722.30	1/2	365.05	1/2	20.83	1/2		1/2	
3/4	2,500.58	3/4	2,143.32	3/4	1,786.07	3/4	1,428.81	3/4	1,071.63	3/4	714.85	3/4	357.61	3/4		3/4		3/4	
4	2,493.13	4	2,135.88	4	1,778.63	4	1,421.37	4	1,064.20	4	707.41	4	350.17	4		4		4	
1/4	2,485.69	1/4	2,128.44	1/4	1,771.18	1/4	1,413.93	1/4	1,056.77	1/4	699.97	1/4	342.72	1/4		1/4		1/4	
1/2	2,478.25	1/2	2,120.99	1/2	1,763.74	1/2	1,406.49	1/2	1,049.34	1/2	692.53	1/2	335.28	1/2		1/2		1/2	
3/4	2,470.81	3/4	2,113.55	3/4	1,756.30	3/4	1,399.04	3/4	1,041.91	3/4	685.08	3/4	327.84	3/4		3/4		3/4	
5	2,463.36	5	2,106.11	5	1,748.85	5	1,391.60	5	1,034.49	5	677.64	5	320.40	5		5		5	
1/4	2,455.92	1/4	2,098.67	1/4	1,741.41	1/4	1,384.16	1/4	1,027.06	1/4	670.20	1/4	312.95	1/4		1/4		1/4	
1/2	2,448.48	1/2	2,091.22	1/2	1,733.97	1/2	1,376.71	1/2	1,019.63	1/2	662.76	1/2	305.51	1/2		1/2		1/2	
3/4	2,441.03	3/4	2,083.78	3/4	1,726.53	3/4	1,369.27	3/4	1,012.20	3/4	655.31	3/4	298.07	3/4		3/4		3/4	
6	2,433.59	6	2,076.34	6	1,719.08	6	1,361.83	6	1,004.78	6	647.87	6	290.63	6		6		6	
1/4	2,426.15	1/4	2,068.89	1/4	1,711.64	1/4	1,354.39	1/4	997.35	1/4	640.43	1/4	283.18	1/4		1/4		1/4	
1/2	2,418.71	1/2	2,061.45	1/2	1,704.20	1/2	1,346.94	1/2	989.92	1/2	632.99	1/2	275.74	1/2		1/2		1/2	
3/4	2,411.26	3/4	2,054.01	3/4	1,696.75	3/4	1,339.50	3/4	982.49	3/4	625.54	3/4	268.30	3/4		3/4		3/4	
7	2,403.82	7	2,046.57	7	1,689.31	7	1,332.06	7	975.06	7	618.10	7	260.86	7		7		7	
1/4	2,396.38	1/4	2,039.12	1/4	1,681.87	1/4	1,324.61	1/4	967.64	1/4	610.66	1/4	253.41	1/4		1/4		1/4	
1/2	2,388.93	1/2	2,031.68	1/2	1,674.43	1/2	1,317.17	1/2	960.21	1/2	603.22	1/2	245.97	1/2		1/2		1/2	
3/4	2,381.49	3/4	2,024.24	3/4	1,666.98	3/4	1,309.73	3/4	952.78	3/4	595.77	3/4	238.53	3/4		3/4		3/4	
8	2,374.05	8	2,016.79	8	1,659.54	8	1,302.29	8	945.35	8	588.33	8	231.09	8		8		8	
1/4	2,366.61	1/4	2,009.35	1/4	1,652.10	1/4	1,294.84	1/4	937.93	1/4	580.89	1/4	223.64	1/4		1/4		1/4	
1/2	2,359.16	1/2	2,001.91	1/2	1,644.65	1/2	1,287.40	1/2	930.50	1/2	573.45	1/2	216.20	1/2		1/2		1/2	
3/4	2,351.72	3/4	1,994.47	3/4	1,637.21	3/4	1,279.96	3/4	923.07	3/4	566.00	3/4	208.76	3/4		3/4		3/4	
9	2,344.28	9	1,987.02	9	1,629.77	9	1,272.51	9	915.64	9	558.56	9	201.32	9		9		9	
1/4	2,336.84	1/4	1,979.58	1/4	1,622.33	1/4	1,265.07	1/4	908.22	1/4	551.12	1/4	193.87	1/4		1/4		1/4	
1/2	2,329.39	1/2	1,972.14	1/2	1,614.88	1/2	1,257.63	1/2	900.79	1/2	543.67	1/2	186.43	1/2		1/2		1/2	
3/4	2,321.95	3/4	1,964.70	3/4	1,607.44	3/4	1,250.19	3/4	893.36	3/4	536.23	3/4	178.99	3/4		3/4		3/4	
10	2,314.51	10	1,957.25	10	1,600.00	10	1,242.74	10	885.93	10	528.79	10	171.54	10		10		10	
1/4	2,307.06	1/4	1,949.81	1/4	1,592.56	1/4	1,235.30	1/4	878.50	1/4	521.35	1/4	164.10	1/4		1/4		1/4	
1/2	2,299.62	1/2	1,942.37	1/2	1,585.11	1/2	1,227.86	1/2	871.08	1/2	513.90	1/2	156.66	1/2		1/2		1/2	
3/4	2,292.18	3/4	1,934.92	3/4	1,577.67	3/4	1,220.42	3/4	863.65	3/4	506.46	3/4	149.22	3/4		3/4		3/4	
11	2,284.74	11	1,927.48	11	1,570.23	11	1,212.97	11	856.22	11	499.02	11	141.77	11		11		11	
1/4	2,277.29	1/4	1,920.04	1/4	1,562.78	1/4	1,205.53	1/4	848.79	1/4	491.58	1/4	134.33	1/4		1/4		1/4	
1/2	2,269.85	1/2	1,912.60	1/2	1,555.34	1/2	1,198.09	1/2	841.36	1/2	484.13	1/2	126.89	1/2		1/2		1/2	
3/4	2,262.41	3/4	1,905.15	3/4	1,547.90	3/4	1,190.64	3/4	833.92	3/4	476.69	3/4	119.45	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2015 CL  
RECALCULATED: 05/07/2020 CL  
REPRINTED: 05/07/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2020

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