



BARGE "HTCO 3127"

ULLAGE (HERMETIC)

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-09"

February 28, 2024

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

<http://www.pmacorp.net>



BARGE "HTCO 3127"

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	4,700.15	0	4,343.58	0	3,985.73	0	3,627.80	0	3,269.87	0	2,911.93
1/4		1/4		1/4		1/4		1/4	4,692.75	1/4	4,336.14	1/4	3,978.27	1/4	3,620.34	1/4	3,262.41	1/4	2,904.46
1/2		1/2		1/2		1/2		1/2	4,685.36	1/2	4,328.71	1/2	3,970.81	1/2	3,612.88	1/2	3,254.95	1/2	2,897.00
3/4		3/4		3/4		3/4		3/4	4,677.96	3/4	4,321.26	3/4	3,963.36	3/4	3,605.43	3/4	3,247.50	3/4	2,889.54
1		1		1		1		1	4,670.57	1	4,313.81	1	3,955.90	1	3,597.97	1	3,240.04	1	2,882.08
1/4		1/4		1/4		1/4	5,006.54	1/4	4,663.17	1/4	4,306.37	1/4	3,948.44	1/4	3,590.51	1/4	3,232.58	1/4	2,874.62
1/2		1/2		1/2		1/2	5,001.81	1/2	4,655.78	1/2	4,298.92	1/2	3,940.99	1/2	3,583.06	1/2	3,225.12	1/2	2,867.16
3/4		3/4		3/4		3/4	4,996.01	3/4	4,648.36	3/4	4,291.46	3/4	3,933.53	3/4	3,575.60	3/4	3,217.67	3/4	2,859.70
2		2		2		2	4,990.21	2	4,640.95	2	4,284.00	2	3,926.07	2	3,568.14	2	3,210.21	2	2,852.24
1/4		1/4		1/4		1/4	4,984.41	1/4	4,633.53	1/4	4,276.55	1/4	3,918.62	1/4	3,560.69	1/4	3,202.75	1/4	2,844.78
1/2		1/2		1/2		1/2	4,978.61	1/2	4,626.12	1/2	4,269.09	1/2	3,911.16	1/2	3,553.23	1/2	3,195.30	1/2	2,837.31
3/4		3/4		3/4		3/4	4,971.80	3/4	4,618.68	3/4	4,261.63	3/4	3,903.70	3/4	3,545.77	3/4	3,187.84	3/4	2,829.85
3		3		3		3	4,965.00	3	4,611.24	3	4,254.18	3	3,896.25	3	3,538.31	3	3,180.38	3	2,822.39
1/4		1/4		1/4		1/4	4,958.20	1/4	4,603.81	1/4	4,246.72	1/4	3,888.79	1/4	3,530.86	1/4	3,172.93	1/4	2,814.93
1/2		1/2		1/2		1/2	4,951.40	1/2	4,596.37	1/2	4,239.26	1/2	3,881.33	1/2	3,523.40	1/2	3,165.47	1/2	2,807.47
3/4		3/4		3/4		3/4	4,944.07	3/4	4,588.94	3/4	4,231.81	3/4	3,873.88	3/4	3,515.94	3/4	3,158.01	3/4	2,800.01
4		4		4		4	4,936.73	4	4,581.50	4	4,224.35	4	3,866.42	4	3,508.49	4	3,150.56	4	2,792.55
1/4		1/4		1/4		1/4	4,929.40	1/4	4,574.07	1/4	4,216.89	1/4	3,858.96	1/4	3,501.03	1/4	3,143.10	1/4	2,785.09
1/2		1/2		1/2		1/2	4,922.07	1/2	4,566.63	1/2	4,209.44	1/2	3,851.50	1/2	3,493.57	1/2	3,135.64	1/2	2,777.63
3/4		3/4		3/4		3/4	4,914.67	3/4	4,559.20	3/4	4,201.98	3/4	3,844.05	3/4	3,486.12	3/4	3,128.19	3/4	2,770.17
5		5		5		5	4,907.27	5	4,551.76	5	4,194.52	5	3,836.59	5	3,478.66	5	3,120.73	5	2,762.71
1/4		1/4		1/4		1/4	4,899.87	1/4	4,544.33	1/4	4,187.06	1/4	3,829.13	1/4	3,471.20	1/4	3,113.27	1/4	2,755.24
1/2		1/2		1/2		1/2	4,892.47	1/2	4,536.89	1/2	4,179.61	1/2	3,821.68	1/2	3,463.75	1/2	3,105.81	1/2	2,747.78
3/4		3/4		3/4		3/4	4,885.07	3/4	4,529.46	3/4	4,172.15	3/4	3,814.22	3/4	3,456.29	3/4	3,098.36	3/4	2,740.32
6		6		6		6	4,877.67	6	4,522.02	6	4,164.69	6	3,806.76	6	3,448.83	6	3,090.90	6	2,732.86
1/4		1/4		1/4		1/4	4,870.27	1/4	4,514.59	1/4	4,157.24	1/4	3,799.31	1/4	3,441.37	1/4	3,083.44	1/4	2,725.40
1/2		1/2		1/2		1/2	4,862.87	1/2	4,507.15	1/2	4,149.78	1/2	3,791.85	1/2	3,433.92	1/2	3,075.99	1/2	2,717.94
3/4		3/4		3/4		3/4	4,855.47	3/4	4,499.72	3/4	4,142.32	3/4	3,784.39	3/4	3,426.46	3/4	3,068.53	3/4	2,710.48
7		7		7		7	4,848.07	7	4,492.28	7	4,134.87	7	3,776.94	7	3,419.00	7	3,061.07	7	2,703.02
1/4		1/4		1/4		1/4	4,840.67	1/4	4,484.85	1/4	4,127.41	1/4	3,769.48	1/4	3,411.55	1/4	3,053.62	1/4	2,695.56
1/2		1/2		1/2		1/2	4,833.27	1/2	4,477.41	1/2	4,119.95	1/2	3,762.02	1/2	3,404.09	1/2	3,046.16	1/2	2,688.10
3/4		3/4		3/4		3/4	4,825.88	3/4	4,469.98	3/4	4,112.50	3/4	3,754.56	3/4	3,396.63	3/4	3,038.70	3/4	2,680.64
8		8		8		8	4,818.48	8	4,462.54	8	4,105.04	8	3,747.11	8	3,389.18	8	3,031.25	8	2,673.17
1/4		1/4		1/4		1/4	4,811.08	1/4	4,455.11	1/4	4,097.58	1/4	3,739.65	1/4	3,381.72	1/4	3,023.79	1/4	2,665.71
1/2		1/2		1/2		1/2	4,803.68	1/2	4,447.67	1/2	4,090.13	1/2	3,732.19	1/2	3,374.26	1/2	3,016.33	1/2	2,658.25
3/4		3/4		3/4		3/4	4,796.29	3/4	4,440.24	3/4	4,082.67	3/4	3,724.74	3/4	3,366.81	3/4	3,008.87	3/4	2,650.79
9		9		9		9	4,788.89	9	4,432.80	9	4,075.21	9	3,717.28	9	3,359.35	9	3,001.42	9	2,643.33
1/4		1/4		1/4		1/4	4,781.50	1/4	4,425.36	1/4	4,067.75	1/4	3,709.82	1/4	3,351.89	1/4	2,993.96	1/4	2,635.87
1/2		1/2		1/2		1/2	4,774.10	1/2	4,417.93	1/2	4,060.30	1/2	3,702.37	1/2	3,344.44	1/2	2,986.50	1/2	2,628.41
3/4		3/4		3/4		3/4	4,766.71	3/4	4,410.49	3/4	4,052.84	3/4	3,694.91	3/4	3,336.98	3/4	2,979.05	3/4	2,620.95
10		10		10		10	4,759.31	10	4,403.06	10	4,045.38	10	3,687.45	10	3,329.52	10	2,971.59	10	2,613.49
1/4		1/4		1/4		1/4	4,751.92	1/4	4,395.62	1/4	4,037.93	1/4	3,680.00	1/4	3,322.06	1/4	2,964.13	1/4	2,606.03
1/2		1/2		1/2		1/2	4,744.52	1/2	4,388.19	1/2	4,030.47	1/2	3,672.54	1/2	3,314.61	1/2	2,956.68	1/2	2,598.57
3/4		3/4		3/4		3/4	4,737.13	3/4	4,380.75	3/4	4,023.01	3/4	3,665.08	3/4	3,307.15	3/4	2,949.22	3/4	2,591.10
11		11		11		11	4,729.73	11	4,373.32	11	4,015.56	11	3,657.63	11	3,299.69	11	2,941.76	11	2,583.64
1/4		1/4		1/4		1/4	4,722.33	1/4	4,365.88	1/4	4,008.10	1/4	3,650.17	1/4	3,292.24	1/4	2,934.31	1/4	2,576.18
1/2		1/2		1/2		1/2	4,714.94	1/2	4,358.45	1/2	4,000.64	1/2	3,642.71	1/2	3,284.78	1/2	2,926.85	1/2	2,568.72
3/4		3/4		3/4		3/4	4,707.54	3/4	4,351.01	3/4	3,993.19	3/4	3,635.25	3/4	3,277.32	3/4	2,919.39	3/4	2,561.26

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
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BARGE "HTCO 3127"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,553.80	0	2,195.68	0	1,837.55	0	1,479.43	0	1,121.34	0	765.35	0	411.47	0	95.58	0		0	
1/4	2,546.34	1/4	2,188.22	1/4	1,830.09	1/4	1,471.97	1/4	1,113.89	1/4	757.91	1/4	404.42	1/4	89.47	1/4		1/4	
1/2	2,538.88	1/2	2,180.76	1/2	1,822.63	1/2	1,464.51	1/2	1,106.44	1/2	750.48	1/2	397.37	1/2	83.36	1/2		1/2	
3/4	2,531.42	3/4	2,173.29	3/4	1,815.17	3/4	1,457.05	3/4	1,099.01	3/4	743.02	3/4	390.40	3/4	77.33	3/4		3/4	
1	2,523.96	1	2,165.83	1	1,807.71	1	1,449.59	1	1,091.58	1	735.56	1	383.43	1	71.30	1		1	
1/4	2,516.50	1/4	2,158.37	1/4	1,800.25	1/4	1,442.13	1/4	1,084.15	1/4	728.09	1/4	376.45	1/4	65.28	1/4		1/4	
1/2	2,509.03	1/2	2,150.91	1/2	1,792.79	1/2	1,434.67	1/2	1,076.72	1/2	720.63	1/2	369.48	1/2	59.25	1/2		1/2	
3/4	2,501.57	3/4	2,143.45	3/4	1,785.33	3/4	1,427.20	3/4	1,069.29	3/4	713.17	3/4	362.59	3/4	53.77	3/4		3/4	
2	2,494.11	2	2,135.99	2	1,777.87	2	1,419.74	2	1,061.87	2	705.71	2	355.69	2	48.29	2		2	
1/4	2,486.65	1/4	2,128.53	1/4	1,770.41	1/4	1,412.28	1/4	1,054.45	1/4	698.25	1/4	348.79	1/4	42.81	1/4		1/4	
1/2	2,479.19	1/2	2,121.07	1/2	1,762.94	1/2	1,404.82	1/2	1,047.02	1/2	690.79	1/2	341.90	1/2	37.33	1/2		1/2	
3/4	2,471.73	3/4	2,113.61	3/4	1,755.48	3/4	1,397.36	3/4	1,039.60	3/4	683.33	3/4	335.08	3/4	33.33	3/4		3/4	
3	2,464.27	3	2,106.15	3	1,748.02	3	1,389.90	3	1,032.19	3	675.87	3	328.25	3	29.34	3		3	
1/4	2,456.81	1/4	2,098.69	1/4	1,740.56	1/4	1,382.44	1/4	1,024.77	1/4	668.41	1/4	321.43	1/4	25.34	1/4		1/4	
1/2	2,449.35	1/2	2,091.22	1/2	1,733.10	1/2	1,374.98	1/2	1,017.35	1/2	660.95	1/2	314.61	1/2	21.34	1/2		1/2	
3/4	2,441.89	3/4	2,083.76	3/4	1,725.64	3/4	1,367.52	3/4	1,009.94	3/4	653.49	3/4	307.86	3/4	18.43	3/4		3/4	
4	2,434.43	4	2,076.30	4	1,718.18	4	1,360.06	4	1,002.53	4	646.03	4	301.12	4		4		4	
1/4	2,426.96	1/4	2,068.84	1/4	1,710.72	1/4	1,352.60	1/4	995.11	1/4	638.57	1/4	294.38	1/4		1/4		1/4	
1/2	2,419.50	1/2	2,061.38	1/2	1,703.26	1/2	1,345.13	1/2	987.70	1/2	631.11	1/2	287.64	1/2		1/2		1/2	
3/4	2,412.04	3/4	2,053.92	3/4	1,695.80	3/4	1,337.67	3/4	980.29	3/4	623.64	3/4	280.97	3/4		3/4		3/4	
5	2,404.58	5	2,046.46	5	1,688.34	5	1,330.21	5	972.88	5	616.18	5	274.31	5		5		5	
1/4	2,397.12	1/4	2,039.00	1/4	1,680.87	1/4	1,322.75	1/4	965.47	1/4	608.72	1/4	267.65	1/4		1/4		1/4	
1/2	2,389.66	1/2	2,031.54	1/2	1,673.41	1/2	1,315.29	1/2	958.06	1/2	601.26	1/2	260.99	1/2		1/2		1/2	
3/4	2,382.20	3/4	2,024.08	3/4	1,665.95	3/4	1,307.83	3/4	950.65	3/4	593.80	3/4	254.41	3/4		3/4		3/4	
6	2,374.74	6	2,016.62	6	1,658.49	6	1,300.37	6	943.24	6	586.34	6	247.83	6		6		6	
1/4	2,367.28	1/4	2,009.15	1/4	1,651.03	1/4	1,292.91	1/4	935.83	1/4	578.88	1/4	241.25	1/4		1/4		1/4	
1/2	2,359.82	1/2	2,001.69	1/2	1,643.57	1/2	1,285.45	1/2	928.42	1/2	571.42	1/2	234.67	1/2		1/2		1/2	
3/4	2,352.36	3/4	1,994.23	3/4	1,636.11	3/4	1,277.99	3/4	921.01	3/4	563.98	3/4	228.17	3/4		3/4		3/4	
7	2,344.90	7	1,986.77	7	1,628.65	7	1,270.53	7	913.60	7	556.54	7	221.67	7		7		7	
1/4	2,337.43	1/4	1,979.31	1/4	1,621.19	1/4	1,263.06	1/4	906.19	1/4	549.10	1/4	215.17	1/4		1/4		1/4	
1/2	2,329.97	1/2	1,971.85	1/2	1,613.73	1/2	1,255.60	1/2	898.78	1/2	541.67	1/2	208.67	1/2		1/2		1/2	
3/4	2,322.51	3/4	1,964.39	3/4	1,606.27	3/4	1,248.14	3/4	891.37	3/4	534.29	3/4	202.25	3/4		3/4		3/4	
8	2,315.05	8	1,956.93	8	1,598.81	8	1,240.68	8	883.96	8	526.91	8	195.83	8		8		8	
1/4	2,307.59	1/4	1,949.47	1/4	1,591.34	1/4	1,233.22	1/4	876.55	1/4	519.54	1/4	189.42	1/4		1/4		1/4	
1/2	2,300.13	1/2	1,942.01	1/2	1,583.88	1/2	1,225.76	1/2	869.14	1/2	512.16	1/2	183.00	1/2		1/2		1/2	
3/4	2,292.67	3/4	1,934.55	3/4	1,576.42	3/4	1,218.30	3/4	861.73	3/4	504.86	3/4	176.66	3/4		3/4		3/4	
9	2,285.21	9	1,927.08	9	1,568.96	9	1,210.84	9	854.32	9	497.57	9	170.31	9		9		9	
1/4	2,277.75	1/4	1,919.62	1/4	1,561.50	1/4	1,203.38	1/4	846.91	1/4	490.27	1/4	163.97	1/4		1/4		1/4	
1/2	2,270.29	1/2	1,912.16	1/2	1,554.04	1/2	1,195.92	1/2	839.50	1/2	482.98	1/2	157.63	1/2		1/2		1/2	
3/4	2,262.83	3/4	1,904.70	3/4	1,546.58	3/4	1,188.46	3/4	832.09	3/4	475.76	3/4	151.36	3/4		3/4		3/4	
10	2,255.36	10	1,897.24	10	1,539.12	10	1,180.99	10	824.68	10	468.55	10	145.09	10		10		10	
1/4	2,247.90	1/4	1,889.78	1/4	1,531.66	1/4	1,173.53	1/4	817.27	1/4	461.33	1/4	138.82	1/4		1/4		1/4	
1/2	2,240.44	1/2	1,882.32	1/2	1,524.20	1/2	1,166.07	1/2	809.86	1/2	454.11	1/2	132.55	1/2		1/2		1/2	
3/4	2,232.98	3/4	1,874.86	3/4	1,516.74	3/4	1,158.61	3/4	802.45	3/4	446.98	3/4	126.36	3/4		3/4		3/4	
11	2,225.52	11	1,867.40	11	1,509.27	11	1,151.15	11	795.04	11	439.85	11	120.17	11		11		11	
1/4	2,218.06	1/4	1,859.94	1/4	1,501.81	1/4	1,143.69	1/4	787.63	1/4	432.71	1/4	113.98	1/4		1/4		1/4	
1/2	2,210.60	1/2	1,852.48	1/2	1,494.35	1/2	1,136.23	1/2	780.22	1/2	425.58	1/2	107.79	1/2		1/2		1/2	
3/4	2,203.14	3/4	1,845.01	3/4	1,486.89	3/4	1,128.78	3/4	772.78	3/4	418.53	3/4	101.68	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 02/28/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3127"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,694.42	0	4,337.82	0	3,979.96	0	3,622.03	0	3,264.10	0	2,906.17
1/4		1/4		1/4		1/4		1/4	4,687.03	1/4	4,330.38	1/4	3,972.50	1/4	3,614.57	1/4	3,256.65	1/4	2,898.71
1/2		1/2		1/2		1/2		1/2	4,679.63	1/2	4,322.94	1/2	3,965.04	1/2	3,607.12	1/2	3,249.19	1/2	2,891.24
3/4		3/4		3/4		3/4		3/4	4,672.24	3/4	4,315.49	3/4	3,957.58	3/4	3,599.66	3/4	3,241.73	3/4	2,883.78
1		1		1		1	5,008.20	1	4,664.84	1	4,308.04	1	3,950.13	1	3,592.20	1	3,234.28	1	2,876.32
1/4		1/4		1/4		1/4	5,003.46	1/4	4,657.45	1/4	4,300.60	1/4	3,942.67	1/4	3,584.74	1/4	3,226.82	1/4	2,868.86
1/2		1/2		1/2		1/2	4,997.66	1/2	4,650.03	1/2	4,293.14	1/2	3,935.21	1/2	3,577.29	1/2	3,219.36	1/2	2,861.40
3/4		3/4		3/4		3/4	4,991.86	3/4	4,642.62	3/4	4,285.68	3/4	3,927.76	3/4	3,569.83	3/4	3,211.90	3/4	2,853.94
2		2		2		2	4,986.06	2	4,635.20	2	4,278.23	2	3,920.30	2	3,562.37	2	3,204.45	2	2,846.48
1/4		1/4		1/4		1/4	4,980.26	1/4	4,627.79	1/4	4,270.77	1/4	3,912.84	1/4	3,554.92	1/4	3,196.99	1/4	2,839.02
1/2		1/2		1/2		1/2	4,973.46	1/2	4,620.35	1/2	4,263.31	1/2	3,905.39	1/2	3,547.46	1/2	3,189.53	1/2	2,831.56
3/4		3/4		3/4		3/4	4,966.66	3/4	4,612.92	3/4	4,255.86	3/4	3,897.93	3/4	3,540.00	3/4	3,182.08	3/4	2,824.10
3		3		3		3	4,959.86	3	4,605.48	3	4,248.40	3	3,890.47	3	3,532.55	3	3,174.62	3	2,816.64
1/4		1/4		1/4		1/4	4,953.06	1/4	4,598.05	1/4	4,240.94	1/4	3,883.02	1/4	3,525.09	1/4	3,167.16	1/4	2,809.18
1/2		1/2		1/2		1/2	4,945.73	1/2	4,590.61	1/2	4,233.49	1/2	3,875.56	1/2	3,517.63	1/2	3,159.71	1/2	2,801.71
3/4		3/4		3/4		3/4	4,938.40	3/4	4,583.18	3/4	4,226.03	3/4	3,868.10	3/4	3,510.18	3/4	3,152.25	3/4	2,794.25
4		4		4		4	4,931.07	4	4,575.74	4	4,218.57	4	3,860.65	4	3,502.72	4	3,144.79	4	2,786.79
1/4		1/4		1/4		1/4	4,923.74	1/4	4,568.31	1/4	4,211.12	1/4	3,853.19	1/4	3,495.26	1/4	3,137.34	1/4	2,779.33
1/2		1/2		1/2		1/2	4,916.34	1/2	4,560.87	1/2	4,203.66	1/2	3,845.73	1/2	3,487.81	1/2	3,129.88	1/2	2,771.87
3/4		3/4		3/4		3/4	4,908.94	3/4	4,553.43	3/4	4,196.20	3/4	3,838.28	3/4	3,480.35	3/4	3,122.42	3/4	2,764.41
5		5		5		5	4,901.54	5	4,546.00	5	4,188.75	5	3,830.82	5	3,472.89	5	3,114.97	5	2,756.95
1/4		1/4		1/4		1/4	4,894.14	1/4	4,538.56	1/4	4,181.29	1/4	3,823.36	1/4	3,465.44	1/4	3,107.51	1/4	2,749.49
1/2		1/2		1/2		1/2	4,886.74	1/2	4,531.13	1/2	4,173.83	1/2	3,815.91	1/2	3,457.98	1/2	3,100.05	1/2	2,742.03
3/4		3/4		3/4		3/4	4,879.34	3/4	4,523.69	3/4	4,166.38	3/4	3,808.45	3/4	3,450.52	3/4	3,092.60	3/4	2,734.57
6		6		6		6	4,871.94	6	4,516.26	6	4,158.92	6	3,800.99	6	3,443.07	6	3,085.14	6	2,727.11
1/4		1/4		1/4		1/4	4,864.54	1/4	4,508.82	1/4	4,151.46	1/4	3,793.54	1/4	3,435.61	1/4	3,077.68	1/4	2,719.65
1/2		1/2		1/2		1/2	4,857.14	1/2	4,501.39	1/2	4,144.00	1/2	3,786.08	1/2	3,428.15	1/2	3,070.23	1/2	2,712.19
3/4		3/4		3/4		3/4	4,849.74	3/4	4,493.95	3/4	4,136.55	3/4	3,778.62	3/4	3,420.70	3/4	3,062.77	3/4	2,704.72
7		7		7		7	4,842.34	7	4,486.52	7	4,129.09	7	3,771.16	7	3,413.24	7	3,055.31	7	2,697.26
1/4		1/4		1/4		1/4	4,834.94	1/4	4,479.08	1/4	4,121.63	1/4	3,763.71	1/4	3,405.78	1/4	3,047.86	1/4	2,689.80
1/2		1/2		1/2		1/2	4,827.55	1/2	4,471.65	1/2	4,114.18	1/2	3,756.25	1/2	3,398.32	1/2	3,040.40	1/2	2,682.34
3/4		3/4		3/4		3/4	4,820.15	3/4	4,464.21	3/4	4,106.72	3/4	3,748.79	3/4	3,390.87	3/4	3,032.94	3/4	2,674.88
8		8		8		8	4,812.75	8	4,456.78	8	4,099.26	8	3,741.34	8	3,383.41	8	3,025.48	8	2,667.42
1/4		1/4		1/4		1/4	4,805.35	1/4	4,449.34	1/4	4,091.81	1/4	3,733.88	1/4	3,375.95	1/4	3,018.03	1/4	2,659.96
1/2		1/2		1/2		1/2	4,797.96	1/2	4,441.91	1/2	4,084.35	1/2	3,726.42	1/2	3,368.50	1/2	3,010.57	1/2	2,652.50
3/4		3/4		3/4		3/4	4,790.56	3/4	4,434.47	3/4	4,076.89	3/4	3,718.97	3/4	3,361.04	3/4	3,003.11	3/4	2,645.04
9		9		9		9	4,783.17	9	4,427.04	9	4,069.44	9	3,711.51	9	3,353.58	9	2,995.66	9	2,637.58
1/4		1/4		1/4		1/4	4,775.77	1/4	4,419.60	1/4	4,061.98	1/4	3,704.05	1/4	3,346.13	1/4	2,988.20	1/4	2,630.12
1/2		1/2		1/2		1/2	4,768.38	1/2	4,412.17	1/2	4,054.52	1/2	3,696.60	1/2	3,338.67	1/2	2,980.74	1/2	2,622.66
3/4		3/4		3/4		3/4	4,760.98	3/4	4,404.73	3/4	4,047.07	3/4	3,689.14	3/4	3,331.21	3/4	2,973.29	3/4	2,615.19
10		10		10		10	4,753.59	10	4,397.30	10	4,039.61	10	3,681.68	10	3,323.76	10	2,965.83	10	2,607.73
1/4		1/4		1/4		1/4	4,746.19	1/4	4,389.86	1/4	4,032.15	1/4	3,674.23	1/4	3,316.30	1/4	2,958.37	1/4	2,600.27
1/2		1/2		1/2		1/2	4,738.80	1/2	4,382.43	1/2	4,024.70	1/2	3,666.77	1/2	3,308.84	1/2	2,950.92	1/2	2,592.81
3/4		3/4		3/4		3/4	4,731.40	3/4	4,374.99	3/4	4,017.24	3/4	3,659.31	3/4	3,301.39	3/4	2,943.46	3/4	2,585.35
11		11		11		11	4,724.00	11	4,367.56	11	4,009.78	11	3,651.86	11	3,293.93	11	2,936.00	11	2,577.89
1/4		1/4		1/4		1/4	4,716.61	1/4	4,360.12	1/4	4,002.33	1/4	3,644.40	1/4	3,286.47	1/4	2,928.55	1/4	2,570.43
1/2		1/2		1/2		1/2	4,709.21	1/2	4,352.69	1/2	3,994.87	1/2	3,636.94	1/2	3,279.02	1/2	2,921.09	1/2	2,562.97
3/4		3/4		3/4		3/4	4,701.82	3/4	4,345.25	3/4	3,987.41	3/4	3,629.49	3/4	3,271.56	3/4	2,913.63	3/4	2,555.51

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3127"

1 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,548.05	0	2,189.93	0	1,831.81	0	1,473.69	0	1,115.57	0	757.95	0	404.49	0	89.49	0		0	
1/4	2,540.59	1/4	2,182.47	1/4	1,824.35	1/4	1,466.23	1/4	1,108.11	1/4	750.49	1/4	397.44	1/4	83.38	1/4		1/4	
1/2	2,533.13	1/2	2,175.01	1/2	1,816.89	1/2	1,458.77	1/2	1,100.65	1/2	743.03	1/2	390.47	1/2	77.35	1/2		1/2	
3/4	2,525.67	3/4	2,167.55	3/4	1,809.43	3/4	1,451.31	3/4	1,093.19	3/4	735.57	3/4	383.50	3/4	71.32	3/4		3/4	
1	2,518.20	1	2,160.09	1	1,801.97	1	1,443.85	1	1,085.73	1	728.11	1	376.52	1	65.30	1		1	
1/4	2,510.74	1/4	2,152.63	1/4	1,794.51	1/4	1,436.39	1/4	1,078.27	1/4	720.65	1/4	369.55	1/4	59.27	1/4		1/4	
1/2	2,503.28	1/2	2,145.16	1/2	1,787.05	1/2	1,428.93	1/2	1,070.81	1/2	713.19	1/2	362.66	1/2	53.79	1/2		1/2	
3/4	2,495.82	3/4	2,137.70	3/4	1,779.59	3/4	1,421.47	3/4	1,063.35	3/4	705.73	3/4	355.76	3/4	48.31	3/4		3/4	
2	2,488.36	2	2,130.24	2	1,772.12	2	1,414.01	2	1,055.90	2	698.27	2	348.86	2	42.82	2		2	
1/4	2,480.90	1/4	2,122.78	1/4	1,764.66	1/4	1,406.55	1/4	1,048.44	1/4	690.81	1/4	341.96	1/4	37.34	1/4		1/4	
1/2	2,473.44	1/2	2,115.32	1/2	1,757.20	1/2	1,399.08	1/2	1,040.99	1/2	683.35	1/2	335.14	1/2	33.34	1/2		1/2	
3/4	2,465.98	3/4	2,107.86	3/4	1,749.74	3/4	1,391.62	3/4	1,033.53	3/4	675.89	3/4	328.32	3/4	29.34	3/4		3/4	
3	2,458.52	3	2,100.40	3	1,742.28	3	1,384.16	3	1,026.08	3	668.42	3	321.49	3	25.34	3		3	
1/4	2,451.06	1/4	2,092.94	1/4	1,734.82	1/4	1,376.70	1/4	1,018.62	1/4	660.96	1/4	314.67	1/4	21.34	1/4		1/4	
1/2	2,443.60	1/2	2,085.48	1/2	1,727.36	1/2	1,369.24	1/2	1,011.17	1/2	653.50	1/2	307.93	1/2	18.43	1/2		1/2	
3/4	2,436.14	3/4	2,078.02	3/4	1,719.90	3/4	1,361.78	3/4	1,003.72	3/4	646.04	3/4	301.18	3/4		3/4		3/4	
4	2,428.67	4	2,070.56	4	1,712.44	4	1,354.32	4	996.27	4	638.58	4	294.44	4		4		4	
1/4	2,421.21	1/4	2,063.10	1/4	1,704.98	1/4	1,346.86	1/4	988.82	1/4	631.12	1/4	287.70	1/4		1/4		1/4	
1/2	2,413.75	1/2	2,055.63	1/2	1,697.52	1/2	1,339.40	1/2	981.37	1/2	623.66	1/2	281.03	1/2		1/2		1/2	
3/4	2,406.29	3/4	2,048.17	3/4	1,690.06	3/4	1,331.94	3/4	973.93	3/4	616.20	3/4	274.37	3/4		3/4		3/4	
5	2,398.83	5	2,040.71	5	1,682.59	5	1,324.48	5	966.48	5	608.74	5	267.71	5		5		5	
1/4	2,391.37	1/4	2,033.25	1/4	1,675.13	1/4	1,317.02	1/4	959.03	1/4	601.28	1/4	261.05	1/4		1/4		1/4	
1/2	2,383.91	1/2	2,025.79	1/2	1,667.67	1/2	1,309.55	1/2	951.59	1/2	593.82	1/2	254.46	1/2		1/2		1/2	
3/4	2,376.45	3/4	2,018.33	3/4	1,660.21	3/4	1,302.09	3/4	944.14	3/4	586.36	3/4	247.88	3/4		3/4		3/4	
6	2,368.99	6	2,010.87	6	1,652.75	6	1,294.63	6	936.69	6	578.90	6	241.30	6		6		6	
1/4	2,361.53	1/4	2,003.41	1/4	1,645.29	1/4	1,287.17	1/4	929.25	1/4	571.44	1/4	234.72	1/4		1/4		1/4	
1/2	2,354.07	1/2	1,995.95	1/2	1,637.83	1/2	1,279.71	1/2	921.80	1/2	564.00	1/2	228.22	1/2		1/2		1/2	
3/4	2,346.61	3/4	1,988.49	3/4	1,630.37	3/4	1,272.25	3/4	914.35	3/4	556.57	3/4	221.72	3/4		3/4		3/4	
7	2,339.15	7	1,981.03	7	1,622.91	7	1,264.79	7	906.90	7	549.13	7	215.22	7		7		7	
1/4	2,331.68	1/4	1,973.57	1/4	1,615.45	1/4	1,257.33	1/4	899.46	1/4	541.70	1/4	208.72	1/4		1/4		1/4	
1/2	2,324.22	1/2	1,966.11	1/2	1,607.99	1/2	1,249.87	1/2	892.01	1/2	534.33	1/2	202.30	1/2		1/2		1/2	
3/4	2,316.76	3/4	1,958.64	3/4	1,600.53	3/4	1,242.41	3/4	884.56	3/4	526.96	3/4	195.88	3/4		3/4		3/4	
8	2,309.30	8	1,951.18	8	1,593.07	8	1,234.95	8	877.12	8	519.59	8	189.46	8		8		8	
1/4	2,301.84	1/4	1,943.72	1/4	1,585.60	1/4	1,227.49	1/4	869.67	1/4	512.22	1/4	183.04	1/4		1/4		1/4	
1/2	2,294.38	1/2	1,936.26	1/2	1,578.14	1/2	1,220.03	1/2	862.22	1/2	504.93	1/2	176.70	1/2		1/2		1/2	
3/4	2,286.92	3/4	1,928.80	3/4	1,570.68	3/4	1,212.56	3/4	854.78	3/4	497.64	3/4	170.36	3/4		3/4		3/4	
9	2,279.46	9	1,921.34	9	1,563.22	9	1,205.10	9	847.33	9	490.34	9	164.01	9		9		9	
1/4	2,272.00	1/4	1,913.88	1/4	1,555.76	1/4	1,197.64	1/4	839.88	1/4	483.05	1/4	157.67	1/4		1/4		1/4	
1/2	2,264.54	1/2	1,906.42	1/2	1,548.30	1/2	1,190.18	1/2	832.43	1/2	475.84	1/2	151.40	1/2		1/2		1/2	
3/4	2,257.08	3/4	1,898.96	3/4	1,540.84	3/4	1,182.72	3/4	824.99	3/4	468.62	3/4	145.13	3/4		3/4		3/4	
10	2,249.62	10	1,891.50	10	1,533.38	10	1,175.26	10	817.54	10	461.40	10	138.85	10		10		10	
1/4	2,242.15	1/4	1,884.04	1/4	1,525.92	1/4	1,167.80	1/4	810.09	1/4	454.19	1/4	132.58	1/4		1/4		1/4	
1/2	2,234.69	1/2	1,876.58	1/2	1,518.46	1/2	1,160.34	1/2	802.65	1/2	447.05	1/2	126.39	1/2		1/2		1/2	
3/4	2,227.23	3/4	1,869.11	3/4	1,511.00	3/4	1,152.88	3/4	795.20	3/4	439.92	3/4	120.20	3/4		3/4		3/4	
11	2,219.77	11	1,861.65	11	1,503.54	11	1,145.42	11	787.75	11	432.79	11	114.01	11		11		11	
1/4	2,212.31	1/4	1,854.19	1/4	1,496.07	1/4	1,137.96	1/4	780.31	1/4	425.65	1/4	107.82	1/4		1/4		1/4	
1/2	2,204.85	1/2	1,846.73	1/2	1,488.61	1/2	1,130.50	1/2	772.85	1/2	418.60	1/2	101.71	1/2		1/2		1/2	
3/4	2,197.39	3/4	1,839.27	3/4	1,481.15	3/4	1,123.03	3/4	765.40	3/4	411.54	3/4	95.60	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 02/28/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3127"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 17'-03 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3127"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,621.16	0	2,261.82	0	1,902.48	0	1,543.13	0	1,184.07	0	838.51	0	479.48	0	120.14	0		0	
1/4	2,613.68	1/4	2,254.33	1/4	1,894.99	1/4	1,535.65	1/4	1,176.73	1/4	831.18	1/4	471.99	1/4	112.66	1/4		1/4	
1/2	2,606.19	1/2	2,246.85	1/2	1,887.50	1/2	1,528.16	1/2	1,169.38	1/2	823.85	1/2	464.51	1/2	105.17	1/2		1/2	
3/4	2,598.70	3/4	2,239.36	3/4	1,880.02	3/4	1,520.68	3/4	1,162.18	3/4	816.36	3/4	457.02	3/4	97.68	3/4		3/4	
1	2,591.22	1	2,231.87	1	1,872.53	1	1,513.19	1	1,154.98	1	808.87	1	449.54	1	90.20	1		1	
1/4	2,583.73	1/4	2,224.39	1/4	1,865.05	1/4	1,505.70	1/4	1,147.77	1/4	801.39	1/4	442.05	1/4	82.71	1/4		1/4	
1/2	2,576.24	1/2	2,216.90	1/2	1,857.56	1/2	1,498.22	1/2	1,140.57	1/2	793.90	1/2	434.56	1/2	75.23	1/2		1/2	
3/4	2,568.76	3/4	2,209.42	3/4	1,850.07	3/4	1,490.73	3/4	1,133.37	3/4	786.41	3/4	427.08	3/4	68.21	3/4		3/4	
2	2,561.27	2	2,201.93	2	1,842.59	2	1,483.24	2	1,126.18	2	778.93	2	419.59	2	61.19	2		2	
1/4	2,553.79	1/4	2,194.44	1/4	1,835.10	1/4	1,475.76	1/4	1,118.98	1/4	771.44	1/4	412.10	1/4	54.17	1/4		1/4	
1/2	2,546.30	1/2	2,186.96	1/2	1,827.61	1/2	1,468.27	1/2	1,111.78	1/2	763.96	1/2	404.62	1/2	47.15	1/2		1/2	
3/4	2,538.81	3/4	2,179.47	3/4	1,820.13	3/4	1,460.79	3/4	1,104.59	3/4	756.47	3/4	397.13	3/4	41.54	3/4		3/4	
3	2,531.33	3	2,171.98	3	1,812.64	3	1,453.30	3	1,097.40	3	748.98	3	389.65	3	35.92	3		3	
1/4	2,523.84	1/4	2,164.50	1/4	1,805.16	1/4	1,445.81	1/4	1,090.21	1/4	741.50	1/4	382.16	1/4	30.31	1/4		1/4	
1/2	2,516.35	1/2	2,157.01	1/2	1,797.67	1/2	1,438.33	1/2	1,083.02	1/2	734.01	1/2	374.67	1/2	24.69	1/2		1/2	
3/4	2,508.87	3/4	2,149.53	3/4	1,790.18	3/4	1,430.84	3/4	1,075.84	3/4	726.53	3/4	367.19	3/4	20.95	3/4		3/4	
4	2,501.38	4	2,142.04	4	1,782.70	4	1,423.35	4	1,068.65	4	719.04	4	359.70	4		4		4	
1/4	2,493.89	1/4	2,134.55	1/4	1,775.21	1/4	1,415.87	1/4	1,061.47	1/4	711.55	1/4	352.22	1/4		1/4		1/4	
1/2	2,486.41	1/2	2,127.07	1/2	1,767.72	1/2	1,408.38	1/2	1,054.28	1/2	704.07	1/2	344.73	1/2		1/2		1/2	
3/4	2,478.92	3/4	2,119.58	3/4	1,760.24	3/4	1,400.90	3/4	1,047.10	3/4	696.58	3/4	337.24	3/4		3/4		3/4	
5	2,471.44	5	2,112.09	5	1,752.75	5	1,393.41	5	1,039.92	5	689.09	5	329.76	5		5		5	
1/4	2,463.95	1/4	2,104.61	1/4	1,745.26	1/4	1,385.92	1/4	1,032.73	1/4	681.61	1/4	322.27	1/4		1/4		1/4	
1/2	2,456.46	1/2	2,097.12	1/2	1,737.78	1/2	1,378.44	1/2	1,025.55	1/2	674.12	1/2	314.78	1/2		1/2		1/2	
3/4	2,448.98	3/4	2,089.63	3/4	1,730.29	3/4	1,370.95	3/4	1,018.37	3/4	666.64	3/4	307.30	3/4		3/4		3/4	
6	2,441.49	6	2,082.15	6	1,722.81	6	1,363.46	6	1,011.19	6	659.15	6	299.81	6		6		6	
1/4	2,434.00	1/4	2,074.66	1/4	1,715.32	1/4	1,355.98	1/4	1,004.00	1/4	651.66	1/4	292.33	1/4		1/4		1/4	
1/2	2,426.52	1/2	2,067.18	1/2	1,707.83	1/2	1,348.49	1/2	996.82	1/2	644.18	1/2	284.84	1/2		1/2		1/2	
3/4	2,419.03	3/4	2,059.69	3/4	1,700.35	3/4	1,341.00	3/4	989.64	3/4	636.69	3/4	277.35	3/4		3/4		3/4	
7	2,411.55	7	2,052.20	7	1,692.86	7	1,333.52	7	982.46	7	629.20	7	269.87	7		7		7	
1/4	2,404.06	1/4	2,044.72	1/4	1,685.37	1/4	1,326.03	1/4	975.27	1/4	621.72	1/4	262.38	1/4		1/4		1/4	
1/2	2,396.57	1/2	2,037.23	1/2	1,677.89	1/2	1,318.55	1/2	968.09	1/2	614.23	1/2	254.89	1/2		1/2		1/2	
3/4	2,389.09	3/4	2,029.74	3/4	1,670.40	3/4	1,311.06	3/4	960.91	3/4	606.75	3/4	247.41	3/4		3/4		3/4	
8	2,381.60	8	2,022.26	8	1,662.92	8	1,303.57	8	953.73	8	599.26	8	239.92	8		8		8	
1/4	2,374.11	1/4	2,014.77	1/4	1,655.43	1/4	1,296.09	1/4	946.54	1/4	591.77	1/4	232.44	1/4		1/4		1/4	
1/2	2,366.63	1/2	2,007.29	1/2	1,647.94	1/2	1,288.60	1/2	939.36	1/2	584.29	1/2	224.95	1/2		1/2		1/2	
3/4	2,359.14	3/4	1,999.80	3/4	1,640.46	3/4	1,281.11	3/4	932.18	3/4	576.80	3/4	217.46	3/4		3/4		3/4	
9	2,351.66	9	1,992.31	9	1,632.97	9	1,273.63	9	925.00	9	569.31	9	209.98	9		9		9	
1/4	2,344.17	1/4	1,984.83	1/4	1,625.48	1/4	1,266.14	1/4	917.81	1/4	561.83	1/4	202.49	1/4		1/4		1/4	
1/2	2,336.68	1/2	1,977.34	1/2	1,618.00	1/2	1,258.66	1/2	910.63	1/2	554.34	1/2	195.00	1/2		1/2		1/2	
3/4	2,329.20	3/4	1,969.85	3/4	1,610.51	3/4	1,251.17	3/4	903.45	3/4	546.86	3/4	187.52	3/4		3/4		3/4	
10	2,321.71	10	1,962.37	10	1,603.03	10	1,243.68	10	896.27	10	539.37	10	180.03	10		10		10	
1/4	2,314.22	1/4	1,954.88	1/4	1,595.54	1/4	1,236.20	1/4	889.08	1/4	531.88	1/4	172.55	1/4		1/4		1/4	
1/2	2,306.74	1/2	1,947.39	1/2	1,588.05	1/2	1,228.71	1/2	881.90	1/2	524.40	1/2	165.06	1/2		1/2		1/2	
3/4	2,299.25	3/4	1,939.91	3/4	1,580.57	3/4	1,221.22	3/4	874.72	3/4	516.91	3/4	157.57	3/4		3/4		3/4	
11	2,291.76	11	1,932.42	11	1,573.08	11	1,213.74	11	867.54	11	509.43	11	150.09	11		11		11	
1/4	2,284.28	1/4	1,924.94	1/4	1,565.59	1/4	1,206.25	1/4	860.36	1/4	501.94	1/4	142.60	1/4		1/4		1/4	
1/2	2,276.79	1/2	1,917.45	1/2	1,558.11	1/2	1,198.76	1/2	853.17	1/2	494.45	1/2	135.12	1/2		1/2		1/2	
3/4	2,269.31	3/4	1,909.96	3/4	1,550.62	3/4	1,191.42	3/4	845.84	3/4	486.97	3/4	127.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 02/28/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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



BARGE "HTCO 3127"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0		0	4,772.72	0	4,414.94	0	4,055.92	0	3,696.86	0	3,337.79	0	2,978.72		
1/4		1/4		1/4		1/4		1/4	4,765.31	1/4	4,407.47	1/4	4,048.44	1/4	3,689.38	1/4	3,330.31	1/4	2,971.23		
1/2		1/2		1/2		1/2		1/2	4,757.89	1/2	4,400.00	1/2	4,040.96	1/2	3,681.90	1/2	3,322.83	1/2	2,963.75		
3/4		3/4		3/4		3/4		3/4	5,094.93	3/4	4,750.47	3/4	4,392.53	3/4	4,033.48	3/4	3,674.42	3/4	3,315.35	3/4	2,956.26
1		1		1		1		1	5,090.18	1	4,743.05	1	4,385.06	1	4,026.00	1	3,666.94	1	3,307.87	1	2,948.78
1/4		1/4		1/4		1/4		1/4	5,084.36	1/4	4,735.61	1/4	4,377.58	1/4	4,018.52	1/4	3,659.46	1/4	3,300.39	1/4	2,941.29
1/2		1/2		1/2		1/2		1/2	5,078.54	1/2	4,728.17	1/2	4,370.10	1/2	4,011.04	1/2	3,651.97	1/2	3,292.91	1/2	2,933.81
3/4		3/4		3/4		3/4		3/4	5,072.72	3/4	4,720.73	3/4	4,362.62	3/4	4,003.56	3/4	3,644.49	3/4	3,285.43	3/4	2,926.32
2		2		2		2		2	5,066.90	2	4,713.29	2	4,355.14	2	3,996.08	2	3,637.01	2	3,277.95	2	2,918.84
1/4		1/4		1/4		1/4		1/4	5,060.08	1/4	4,705.84	1/4	4,347.66	1/4	3,988.60	1/4	3,629.53	1/4	3,270.47	1/4	2,911.35
1/2		1/2		1/2		1/2		1/2	5,053.26	1/2	4,698.38	1/2	4,340.18	1/2	3,981.12	1/2	3,622.05	1/2	3,262.99	1/2	2,903.87
3/4		3/4		3/4		3/4		3/4	5,046.44	3/4	4,690.92	3/4	4,332.70	3/4	3,973.64	3/4	3,614.57	3/4	3,255.51	3/4	2,896.39
3		3		3		3		3	5,039.61	3	4,683.46	3	4,325.22	3	3,966.16	3	3,607.09	3	3,248.03	3	2,888.90
1/4		1/4		1/4		1/4		1/4	5,032.26	1/4	4,676.00	1/4	4,317.74	1/4	3,958.68	1/4	3,599.61	1/4	3,240.55	1/4	2,881.42
1/2		1/2		1/2		1/2		1/2	5,024.90	1/2	4,668.54	1/2	4,310.26	1/2	3,951.19	1/2	3,592.13	1/2	3,233.07	1/2	2,873.93
3/4		3/4		3/4		3/4		3/4	5,017.54	3/4	4,661.08	3/4	4,302.78	3/4	3,943.71	3/4	3,584.65	3/4	3,225.59	3/4	2,866.45
4		4		4		4		4	5,010.19	4	4,653.62	4	4,295.30	4	3,936.23	4	3,577.17	4	3,218.11	4	2,858.96
1/4		1/4		1/4		1/4		1/4	5,002.77	1/4	4,646.16	1/4	4,287.82	1/4	3,928.75	1/4	3,569.69	1/4	3,210.63	1/4	2,851.48
1/2		1/2		1/2		1/2		1/2	4,995.34	1/2	4,638.71	1/2	4,280.34	1/2	3,921.27	1/2	3,562.21	1/2	3,203.14	1/2	2,843.99
3/4		3/4		3/4		3/4		3/4	4,987.92	3/4	4,631.25	3/4	4,272.86	3/4	3,913.79	3/4	3,554.73	3/4	3,195.66	3/4	2,836.51
5		5		5		5		5	4,980.50	5	4,623.79	5	4,265.38	5	3,906.31	5	3,547.25	5	3,188.18	5	2,829.03
1/4		1/4		1/4		1/4		1/4	4,973.07	1/4	4,616.33	1/4	4,257.90	1/4	3,898.83	1/4	3,539.77	1/4	3,180.70	1/4	2,821.54
1/2		1/2		1/2		1/2		1/2	4,965.65	1/2	4,608.87	1/2	4,250.41	1/2	3,891.35	1/2	3,532.29	1/2	3,173.22	1/2	2,814.06
3/4		3/4		3/4		3/4		3/4	4,958.23	3/4	4,601.41	3/4	4,242.93	3/4	3,883.87	3/4	3,524.81	3/4	3,165.74	3/4	2,806.57
6		6		6		6		6	4,950.80	6	4,593.95	6	4,235.45	6	3,876.39	6	3,517.33	6	3,158.26	6	2,799.09
1/4		1/4		1/4		1/4		1/4	4,943.38	1/4	4,586.49	1/4	4,227.97	1/4	3,868.91	1/4	3,509.85	1/4	3,150.78	1/4	2,791.60
1/2		1/2		1/2		1/2		1/2	4,935.96	1/2	4,579.04	1/2	4,220.49	1/2	3,861.43	1/2	3,502.36	1/2	3,143.30	1/2	2,784.12
3/4		3/4		3/4		3/4		3/4	4,928.54	3/4	4,571.58	3/4	4,213.01	3/4	3,853.95	3/4	3,494.88	3/4	3,135.82	3/4	2,776.63
7		7		7		7		7	4,921.11	7	4,564.12	7	4,205.53	7	3,846.47	7	3,487.40	7	3,128.34	7	2,769.15
1/4		1/4		1/4		1/4		1/4	4,913.69	1/4	4,556.66	1/4	4,198.05	1/4	3,838.99	1/4	3,479.92	1/4	3,120.86	1/4	2,761.66
1/2		1/2		1/2		1/2		1/2	4,906.27	1/2	4,549.20	1/2	4,190.57	1/2	3,831.51	1/2	3,472.44	1/2	3,113.38	1/2	2,754.18
3/4		3/4		3/4		3/4		3/4	4,898.85	3/4	4,541.74	3/4	4,183.09	3/4	3,824.03	3/4	3,464.96	3/4	3,105.90	3/4	2,746.70
8		8		8		8		8	4,891.43	8	4,534.28	8	4,175.61	8	3,816.55	8	3,457.48	8	3,098.42	8	2,739.21
1/4		1/4		1/4		1/4		1/4	4,884.01	1/4	4,526.82	1/4	4,168.13	1/4	3,809.07	1/4	3,450.00	1/4	3,090.94	1/4	2,731.73
1/2		1/2		1/2		1/2		1/2	4,876.59	1/2	4,519.37	1/2	4,160.65	1/2	3,801.58	1/2	3,442.52	1/2	3,083.46	1/2	2,724.24
3/4		3/4		3/4		3/4		3/4	4,869.17	3/4	4,511.91	3/4	4,153.17	3/4	3,794.10	3/4	3,435.04	3/4	3,075.98	3/4	2,716.76
9		9		9		9		9	4,861.75	9	4,504.45	9	4,145.69	9	3,786.62	9	3,427.56	9	3,068.50	9	2,709.27
1/4		1/4		1/4		1/4		1/4	4,854.33	1/4	4,496.99	1/4	4,138.21	1/4	3,779.14	1/4	3,420.08	1/4	3,061.02	1/4	2,701.79
1/2		1/2		1/2		1/2		1/2	4,846.91	1/2	4,489.53	1/2	4,130.73	1/2	3,771.66	1/2	3,412.60	1/2	3,053.53	1/2	2,694.30
3/4		3/4		3/4		3/4		3/4	4,839.50	3/4	4,482.07	3/4	4,123.25	3/4	3,764.18	3/4	3,405.12	3/4	3,046.05	3/4	2,686.82
10		10		10		10		10	4,832.08	10	4,474.61	10	4,115.77	10	3,756.70	10	3,397.64	10	3,038.57	10	2,679.34
1/4		1/4		1/4		1/4		1/4	4,824.66	1/4	4,467.15	1/4	4,108.29	1/4	3,749.22	1/4	3,390.16	1/4	3,031.09	1/4	2,671.85
1/2		1/2		1/2		1/2		1/2	4,817.24	1/2	4,459.69	1/2	4,100.80	1/2	3,741.74	1/2	3,382.68	1/2	3,023.61	1/2	2,664.37
3/4		3/4		3/4		3/4		3/4	4,809.82	3/4	4,452.24	3/4	4,093.32	3/4	3,734.26	3/4	3,375.20	3/4	3,016.13	3/4	2,656.88
11		11		11		11		11	4,802.40	11	4,444.78	11	4,085.84	11	3,726.78	11	3,367.72	11	3,008.65	11	2,649.40
1/4		1/4		1/4		1/4		1/4	4,794.98	1/4	4,437.32	1/4	4,078.36	1/4	3,719.30	1/4	3,360.24	1/4	3,001.17	1/4	2,641.91
1/2		1/2		1/2		1/2		1/2	4,787.56	1/2	4,429.86	1/2	4,070.88	1/2	3,711.82	1/2	3,352.75	1/2	2,993.68	1/2	2,634.43
3/4		3/4		3/4		3/4		3/4	4,780.14	3/4	4,422.40	3/4	4,063.40	3/4	3,704.34	3/4	3,345.27	3/4	2,986.20	3/4	2,626.94

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3127"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,619.46	0	2,260.20	0	1,900.95	0	1,541.69	0	1,182.44	0	823.64	0	464.39	0	105.15	0		0	
1/4	2,611.97	1/4	2,252.72	1/4	1,893.46	1/4	1,534.21	1/4	1,174.95	1/4	816.15	1/4	456.91	1/4	97.66	1/4		1/4	
1/2	2,604.49	1/2	2,245.23	1/2	1,885.98	1/2	1,526.72	1/2	1,167.47	1/2	808.67	1/2	449.42	1/2	90.18	1/2		1/2	
3/4	2,597.01	3/4	2,237.75	3/4	1,878.49	3/4	1,519.24	3/4	1,159.98	3/4	801.19	3/4	441.94	3/4	82.69	3/4		3/4	
1	2,589.52	1	2,230.27	1	1,871.01	1	1,511.75	1	1,152.50	1	793.70	1	434.46	1	75.21	1		1	
1/4	2,582.04	1/4	2,222.78	1/4	1,863.52	1/4	1,504.27	1/4	1,145.02	1/4	786.22	1/4	426.97	1/4	68.19	1/4		1/4	
1/2	2,574.55	1/2	2,215.30	1/2	1,856.04	1/2	1,496.78	1/2	1,137.53	1/2	778.73	1/2	419.49	1/2	61.18	1/2		1/2	
3/4	2,567.07	3/4	2,207.81	3/4	1,848.56	3/4	1,489.30	3/4	1,130.05	3/4	771.25	3/4	412.00	3/4	54.16	3/4		3/4	
2	2,559.58	2	2,200.33	2	1,841.07	2	1,481.82	2	1,122.57	2	763.76	2	404.52	2	47.14	2		2	
1/4	2,552.10	1/4	2,192.84	1/4	1,833.59	1/4	1,474.33	1/4	1,115.09	1/4	756.28	1/4	397.03	1/4	41.53	1/4		1/4	
1/2	2,544.61	1/2	2,185.36	1/2	1,826.10	1/2	1,466.85	1/2	1,107.61	1/2	748.80	1/2	389.55	1/2	35.92	1/2		1/2	
3/4	2,537.13	3/4	2,177.87	3/4	1,818.62	3/4	1,459.36	3/4	1,100.13	3/4	741.31	3/4	382.06	3/4	30.30	3/4		3/4	
3	2,529.65	3	2,170.39	3	1,811.13	3	1,451.88	3	1,092.66	3	733.83	3	374.58	3	24.69	3		3	
1/4	2,522.16	1/4	2,162.90	1/4	1,803.65	1/4	1,444.39	1/4	1,085.18	1/4	726.34	1/4	367.10	1/4	20.95	1/4		1/4	
1/2	2,514.68	1/2	2,155.42	1/2	1,796.16	1/2	1,436.91	1/2	1,077.70	1/2	718.86	1/2	359.61	1/2		1/2		1/2	
3/4	2,507.19	3/4	2,147.94	3/4	1,788.68	3/4	1,429.42	3/4	1,070.23	3/4	711.37	3/4	352.13	3/4		3/4		3/4	
4	2,499.71	4	2,140.45	4	1,781.20	4	1,421.94	4	1,062.75	4	703.89	4	344.64	4		4		4	
1/4	2,492.22	1/4	2,132.97	1/4	1,773.71	1/4	1,414.45	1/4	1,055.28	1/4	696.41	1/4	337.16	1/4		1/4		1/4	
1/2	2,484.74	1/2	2,125.48	1/2	1,766.23	1/2	1,406.97	1/2	1,047.81	1/2	688.92	1/2	329.67	1/2		1/2		1/2	
3/4	2,477.25	3/4	2,118.00	3/4	1,758.74	3/4	1,399.49	3/4	1,040.34	3/4	681.44	3/4	322.19	3/4		3/4		3/4	
5	2,469.77	5	2,110.51	5	1,751.26	5	1,392.00	5	1,032.87	5	673.95	5	314.71	5		5		5	
1/4	2,462.28	1/4	2,103.03	1/4	1,743.77	1/4	1,384.52	1/4	1,025.39	1/4	666.47	1/4	307.22	1/4		1/4		1/4	
1/2	2,454.80	1/2	2,095.54	1/2	1,736.29	1/2	1,377.03	1/2	1,017.92	1/2	658.98	1/2	299.74	1/2		1/2		1/2	
3/4	2,447.32	3/4	2,088.06	3/4	1,728.80	3/4	1,369.55	3/4	1,010.45	3/4	651.50	3/4	292.25	3/4		3/4		3/4	
6	2,439.83	6	2,080.58	6	1,721.32	6	1,362.06	6	1,002.98	6	644.02	6	284.77	6		6		6	
1/4	2,432.35	1/4	2,073.09	1/4	1,713.83	1/4	1,354.58	1/4	995.51	1/4	636.53	1/4	277.28	1/4		1/4		1/4	
1/2	2,424.86	1/2	2,065.61	1/2	1,706.35	1/2	1,347.09	1/2	988.04	1/2	629.05	1/2	269.80	1/2		1/2		1/2	
3/4	2,417.38	3/4	2,058.12	3/4	1,698.87	3/4	1,339.61	3/4	980.57	3/4	621.56	3/4	262.32	3/4		3/4		3/4	
7	2,409.89	7	2,050.64	7	1,691.38	7	1,332.13	7	973.09	7	614.08	7	254.83	7		7		7	
1/4	2,402.41	1/4	2,043.15	1/4	1,683.90	1/4	1,324.64	1/4	965.62	1/4	606.59	1/4	247.35	1/4		1/4		1/4	
1/2	2,394.92	1/2	2,035.67	1/2	1,676.41	1/2	1,317.16	1/2	958.15	1/2	599.11	1/2	239.86	1/2		1/2		1/2	
3/4	2,387.44	3/4	2,028.18	3/4	1,668.93	3/4	1,309.67	3/4	950.68	3/4	591.63	3/4	232.38	3/4		3/4		3/4	
8	2,379.96	8	2,020.70	8	1,661.44	8	1,302.19	8	943.21	8	584.14	8	224.89	8		8		8	
1/4	2,372.47	1/4	2,013.21	1/4	1,653.96	1/4	1,294.70	1/4	935.74	1/4	576.66	1/4	217.41	1/4		1/4		1/4	
1/2	2,364.99	1/2	2,005.73	1/2	1,646.47	1/2	1,287.22	1/2	928.27	1/2	569.17	1/2	209.93	1/2		1/2		1/2	
3/4	2,357.50	3/4	1,998.25	3/4	1,638.99	3/4	1,279.73	3/4	920.79	3/4	561.69	3/4	202.44	3/4		3/4		3/4	
9	2,350.02	9	1,990.76	9	1,631.51	9	1,272.25	9	913.32	9	554.20	9	194.96	9		9		9	
1/4	2,342.53	1/4	1,983.28	1/4	1,624.02	1/4	1,264.76	1/4	905.85	1/4	546.72	1/4	187.47	1/4		1/4		1/4	
1/2	2,335.05	1/2	1,975.79	1/2	1,616.54	1/2	1,257.28	1/2	898.38	1/2	539.24	1/2	179.99	1/2		1/2		1/2	
3/4	2,327.56	3/4	1,968.31	3/4	1,609.05	3/4	1,249.80	3/4	890.91	3/4	531.75	3/4	172.50	3/4		3/4		3/4	
10	2,320.08	10	1,960.82	10	1,601.57	10	1,242.31	10	883.44	10	524.27	10	165.02	10		10		10	
1/4	2,312.59	1/4	1,953.34	1/4	1,594.08	1/4	1,234.83	1/4	875.96	1/4	516.78	1/4	157.54	1/4		1/4		1/4	
1/2	2,305.11	1/2	1,945.85	1/2	1,586.60	1/2	1,227.34	1/2	868.49	1/2	509.30	1/2	150.05	1/2		1/2		1/2	
3/4	2,297.63	3/4	1,938.37	3/4	1,579.11	3/4	1,219.86	3/4	861.02	3/4	501.81	3/4	142.57	3/4		3/4		3/4	
11	2,290.14	11	1,930.89	11	1,571.63	11	1,212.37	11	853.55	11	494.33	11	135.08	11		11		11	
1/4	2,282.66	1/4	1,923.40	1/4	1,564.14	1/4	1,204.89	1/4	846.07	1/4	486.85	1/4	127.60	1/4		1/4		1/4	
1/2	2,275.17	1/2	1,915.92	1/2	1,556.66	1/2	1,197.40	1/2	838.59	1/2	479.36	1/2	120.11	1/2		1/2		1/2	
3/4	2,267.69	3/4	1,908.43	3/4	1,549.18	3/4	1,189.92	3/4	831.12	3/4	471.88	3/4	112.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 02/28/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3127"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,376.59	0	4,130.26	0	3,883.09	0	3,635.88	0	3,309.51	0	2,953.13
1/4		1/4		1/4		1/4		1/4	4,371.48	1/4	4,125.13	1/4	3,877.94	1/4	3,630.73	1/4	3,302.11	1/4	2,945.70
1/2		1/2		1/2		1/2		1/2	4,366.37	1/2	4,119.98	1/2	3,872.79	1/2	3,625.58	1/2	3,294.70	1/2	2,938.27
3/4		3/4		3/4		3/4		3/4	4,361.26	3/4	4,114.84	3/4	3,867.64	3/4	3,620.43	3/4	3,287.29	3/4	2,930.84
1		1		1		1	4,589.72	1	4,356.16	1	4,109.70	1	3,862.49	1	3,615.28	1	3,279.88	1	2,923.41
1/4		1/4		1/4		1/4	4,587.27	1/4	4,351.05	1/4	4,104.56	1/4	3,857.34	1/4	3,610.13	1/4	3,272.48	1/4	2,915.98
1/2		1/2		1/2		1/2	4,583.76	1/2	4,345.93	1/2	4,099.41	1/2	3,852.19	1/2	3,604.98	1/2	3,265.06	1/2	2,908.55
3/4		3/4		3/4		3/4	4,580.24	3/4	4,340.80	3/4	4,094.26	3/4	3,847.04	3/4	3,599.83	3/4	3,257.64	3/4	2,901.12
2		2		2		2	4,576.73	2	4,335.68	2	4,089.11	2	3,841.89	2	3,594.68	2	3,250.23	2	2,893.69
1/4		1/4		1/4		1/4	4,573.22	1/4	4,330.56	1/4	4,083.95	1/4	3,836.74	1/4	3,589.53	1/4	3,242.81	1/4	2,886.26
1/2		1/2		1/2		1/2	4,568.70	1/2	4,325.42	1/2	4,078.80	1/2	3,831.59	1/2	3,583.80	1/2	3,235.38	1/2	2,878.83
3/4		3/4		3/4		3/4	4,564.19	3/4	4,320.29	3/4	4,073.65	3/4	3,826.44	3/4	3,578.08	3/4	3,227.95	3/4	2,871.40
3		3		3		3	4,559.68	3	4,315.15	3	4,068.50	3	3,821.29	3	3,572.35	3	3,220.53	3	2,863.97
1/4		1/4		1/4		1/4	4,555.17	1/4	4,310.02	1/4	4,063.35	1/4	3,816.14	1/4	3,566.63	1/4	3,213.10	1/4	2,856.54
1/2		1/2		1/2		1/2	4,550.12	1/2	4,304.88	1/2	4,058.20	1/2	3,810.99	1/2	3,559.77	1/2	3,205.67	1/2	2,849.11
3/4		3/4		3/4		3/4	4,545.08	3/4	4,299.74	3/4	4,053.05	3/4	3,805.84	3/4	3,552.91	3/4	3,198.24	3/4	2,841.68
4		4		4		4	4,540.03	4	4,294.61	4	4,047.90	4	3,800.69	4	3,546.05	4	3,190.82	4	2,834.25
1/4		1/4		1/4		1/4	4,534.99	1/4	4,289.47	1/4	4,042.75	1/4	3,795.54	1/4	3,539.19	1/4	3,183.39	1/4	2,826.82
1/2		1/2		1/2		1/2	4,529.88	1/2	4,284.34	1/2	4,037.60	1/2	3,790.39	1/2	3,531.77	1/2	3,175.96	1/2	2,819.39
3/4		3/4		3/4		3/4	4,524.77	3/4	4,279.20	3/4	4,032.45	3/4	3,785.24	3/4	3,524.35	3/4	3,168.53	3/4	2,811.96
5		5		5		5	4,519.65	5	4,274.07	5	4,027.30	5	3,780.09	5	3,516.94	5	3,161.11	5	2,804.53
1/4		1/4		1/4		1/4	4,514.54	1/4	4,268.93	1/4	4,022.15	1/4	3,774.94	1/4	3,509.52	1/4	3,153.68	1/4	2,797.10
1/2		1/2		1/2		1/2	4,509.43	1/2	4,263.79	1/2	4,017.00	1/2	3,769.79	1/2	3,502.11	1/2	3,146.25	1/2	2,789.67
3/4		3/4		3/4		3/4	4,504.32	3/4	4,258.66	3/4	4,011.85	3/4	3,764.64	3/4	3,494.69	3/4	3,138.82	3/4	2,782.24
6		6		6		6	4,499.21	6	4,253.52	6	4,006.70	6	3,759.49	6	3,487.28	6	3,131.40	6	2,774.81
1/4		1/4		1/4		1/4	4,494.10	1/4	4,248.39	1/4	4,001.55	1/4	3,754.34	1/4	3,479.87	1/4	3,123.97	1/4	2,767.38
1/2		1/2		1/2		1/2	4,488.99	1/2	4,243.25	1/2	3,996.40	1/2	3,749.19	1/2	3,472.46	1/2	3,116.54	1/2	2,759.95
3/4		3/4		3/4		3/4	4,483.88	3/4	4,238.11	3/4	3,991.25	3/4	3,744.04	3/4	3,465.05	3/4	3,109.11	3/4	2,752.52
7		7		7		7	4,478.77	7	4,232.98	7	3,986.10	7	3,738.88	7	3,457.65	7	3,101.69	7	2,745.09
1/4		1/4		1/4		1/4	4,473.65	1/4	4,227.84	1/4	3,980.95	1/4	3,733.73	1/4	3,450.24	1/4	3,094.26	1/4	2,737.66
1/2		1/2		1/2		1/2	4,468.55	1/2	4,222.71	1/2	3,975.80	1/2	3,728.58	1/2	3,442.83	1/2	3,086.83	1/2	2,730.23
3/4		3/4		3/4		3/4	4,463.44	3/4	4,217.57	3/4	3,970.65	3/4	3,723.43	3/4	3,435.43	3/4	3,079.40	3/4	2,722.80
8		8		8		8	4,458.33	8	4,212.44	8	3,965.50	8	3,718.28	8	3,428.02	8	3,071.98	8	2,715.37
1/4		1/4		1/4		1/4	4,453.22	1/4	4,207.30	1/4	3,960.35	1/4	3,713.13	1/4	3,420.61	1/4	3,064.55	1/4	2,707.94
1/2		1/2		1/2		1/2	4,448.11	1/2	4,202.16	1/2	3,955.20	1/2	3,707.98	1/2	3,413.21	1/2	3,057.12	1/2	2,700.51
3/4		3/4		3/4		3/4	4,443.00	3/4	4,197.03	3/4	3,950.05	3/4	3,702.83	3/4	3,405.80	3/4	3,049.69	3/4	2,693.08
9		9		9		9	4,437.89	9	4,191.89	9	3,944.90	9	3,697.68	9	3,398.39	9	3,042.27	9	2,685.65
1/4		1/4		1/4		1/4	4,432.78	1/4	4,186.76	1/4	3,939.75	1/4	3,692.53	1/4	3,390.99	1/4	3,034.84	1/4	2,678.22
1/2		1/2		1/2		1/2	4,427.67	1/2	4,181.62	1/2	3,934.60	1/2	3,687.38	1/2	3,383.58	1/2	3,027.41	1/2	2,670.79
3/4		3/4		3/4		3/4	4,422.57	3/4	4,176.48	3/4	3,929.45	3/4	3,682.23	3/4	3,376.17	3/4	3,019.98	3/4	2,663.36
10		10		10		10	4,417.46	10	4,171.35	10	3,924.30	10	3,677.08	10	3,368.77	10	3,012.56	10	2,655.93
1/4		1/4		1/4		1/4	4,412.35	1/4	4,166.21	1/4	3,919.15	1/4	3,671.93	1/4	3,361.36	1/4	3,005.13	1/4	2,648.50
1/2		1/2		1/2		1/2	4,407.24	1/2	4,161.08	1/2	3,914.00	1/2	3,666.78	1/2	3,353.95	1/2	2,997.70	1/2	2,641.07
3/4		3/4		3/4		3/4	4,402.13	3/4	4,155.94	3/4	3,908.84	3/4	3,661.63	3/4	3,346.55	3/4	2,990.27	3/4	2,633.64
11		11		11		11	4,397.02	11	4,150.81	11	3,903.69	11	3,656.48	11	3,339.14	11	2,982.85	11	2,626.21
1/4		1/4		1/4		1/4	4,391.91	1/4	4,145.67	1/4	3,898.54	1/4	3,651.33	1/4	3,331.73	1/4	2,975.42	1/4	2,618.78
1/2		1/2		1/2		1/2	4,386.81	1/2	4,140.53	1/2	3,893.39	1/2	3,646.18	1/2	3,324.33	1/2	2,967.99	1/2	2,611.34
3/4		3/4		3/4		3/4	4,381.70	3/4	4,135.40	3/4	3,888.24	3/4	3,641.03	3/4	3,316.92	3/4	2,960.56	3/4	2,603.91

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3127"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,596.47	0	2,240.78	0	1,886.69	0	1,529.72	0	1,173.04	0	826.42	0	469.33	0	112.15	0		0	
1/4	2,589.04	1/4	2,233.40	1/4	1,879.28	1/4	1,522.28	1/4	1,165.70	1/4	819.09	1/4	461.89	1/4	104.70	1/4		1/4	
1/2	2,581.60	1/2	2,226.02	1/2	1,871.85	1/2	1,514.85	1/2	1,158.48	1/2	811.65	1/2	454.45	1/2	97.25	1/2		1/2	
3/4	2,574.16	3/4	2,218.65	3/4	1,864.41	3/4	1,507.41	3/4	1,151.25	3/4	804.21	3/4	447.01	3/4	89.80	3/4		3/4	
1	2,566.73	1	2,211.27	1	1,856.97	1	1,499.97	1	1,144.02	1	796.77	1	439.57	1	82.35	1		1	
1/4	2,559.29	1/4	2,203.90	1/4	1,849.53	1/4	1,492.53	1/4	1,136.80	1/4	789.32	1/4	432.13	1/4	74.90	1/4		1/4	
1/2	2,551.85	1/2	2,196.52	1/2	1,842.10	1/2	1,485.10	1/2	1,129.58	1/2	781.88	1/2	424.69	1/2	67.91	1/2		1/2	
3/4	2,544.41	3/4	2,189.15	3/4	1,834.66	3/4	1,477.66	3/4	1,122.35	3/4	774.44	3/4	417.25	3/4	60.93	3/4		3/4	
2	2,536.98	2	2,181.77	2	1,827.22	2	1,470.22	2	1,115.13	2	767.00	2	409.81	2	53.94	2		2	
1/4	2,529.54	1/4	2,174.40	1/4	1,819.78	1/4	1,462.78	1/4	1,107.91	1/4	759.56	1/4	402.37	1/4	46.95	1/4		1/4	
1/2	2,522.10	1/2	2,167.02	1/2	1,812.35	1/2	1,455.35	1/2	1,100.70	1/2	752.12	1/2	394.93	1/2	41.36	1/2		1/2	
3/4	2,514.67	3/4	2,159.65	3/4	1,804.91	3/4	1,447.91	3/4	1,093.48	3/4	744.67	3/4	387.49	3/4	35.77	3/4		3/4	
3	2,507.23	3	2,152.28	3	1,797.47	3	1,440.47	3	1,086.27	3	737.23	3	380.05	3	30.18	3		3	
1/4	2,499.79	1/4	2,144.90	1/4	1,790.03	1/4	1,433.03	1/4	1,079.05	1/4	729.79	1/4	372.61	1/4	24.59	1/4		1/4	
1/2	2,492.37	1/2	2,137.53	1/2	1,782.60	1/2	1,425.60	1/2	1,071.84	1/2	722.35	1/2	365.17	1/2	20.86	1/2		1/2	
3/4	2,484.95	3/4	2,130.15	3/4	1,775.16	3/4	1,418.16	3/4	1,064.63	3/4	714.91	3/4	357.73	3/4		3/4		3/4	
4	2,477.54	4	2,122.78	4	1,767.72	4	1,410.72	4	1,057.42	4	707.47	4	350.29	4		4		4	
1/4	2,470.12	1/4	2,115.40	1/4	1,760.28	1/4	1,403.28	1/4	1,050.21	1/4	700.02	1/4	342.84	1/4		1/4		1/4	
1/2	2,462.72	1/2	2,108.03	1/2	1,752.85	1/2	1,395.85	1/2	1,043.00	1/2	692.58	1/2	335.40	1/2		1/2		1/2	
3/4	2,455.32	3/4	2,100.65	3/4	1,745.41	3/4	1,388.41	3/4	1,035.79	3/4	685.14	3/4	327.96	3/4		3/4		3/4	
5	2,447.92	5	2,093.28	5	1,737.97	5	1,380.97	5	1,028.58	5	677.70	5	320.52	5		5		5	
1/4	2,440.52	1/4	2,085.90	1/4	1,730.53	1/4	1,373.53	1/4	1,021.37	1/4	670.26	1/4	313.08	1/4		1/4		1/4	
1/2	2,433.12	1/2	2,078.53	1/2	1,723.10	1/2	1,366.10	1/2	1,014.17	1/2	662.81	1/2	305.64	1/2		1/2		1/2	
3/4	2,425.72	3/4	2,071.15	3/4	1,715.66	3/4	1,358.66	3/4	1,006.96	3/4	655.37	3/4	298.20	3/4		3/4		3/4	
6	2,418.32	6	2,063.78	6	1,708.22	6	1,351.22	6	999.75	6	647.93	6	290.76	6		6		6	
1/4	2,410.92	1/4	2,056.41	1/4	1,700.78	1/4	1,343.78	1/4	992.54	1/4	640.49	1/4	283.32	1/4		1/4		1/4	
1/2	2,403.53	1/2	2,049.03	1/2	1,693.35	1/2	1,336.35	1/2	985.34	1/2	633.05	1/2	275.88	1/2		1/2		1/2	
3/4	2,396.13	3/4	2,041.66	3/4	1,685.91	3/4	1,328.91	3/4	978.13	3/4	625.61	3/4	268.44	3/4		3/4		3/4	
7	2,388.73	7	2,034.28	7	1,678.47	7	1,321.47	7	970.92	7	618.16	7	261.00	7		7		7	
1/4	2,381.33	1/4	2,026.91	1/4	1,671.03	1/4	1,314.03	1/4	963.71	1/4	610.72	1/4	253.56	1/4		1/4		1/4	
1/2	2,373.93	1/2	2,019.53	1/2	1,663.60	1/2	1,306.60	1/2	956.51	1/2	603.28	1/2	246.12	1/2		1/2		1/2	
3/4	2,366.53	3/4	2,012.16	3/4	1,656.16	3/4	1,299.16	3/4	949.30	3/4	595.84	3/4	238.68	3/4		3/4		3/4	
8	2,359.13	8	2,004.78	8	1,648.72	8	1,291.72	8	942.09	8	588.40	8	231.24	8		8		8	
1/4	2,351.73	1/4	1,997.41	1/4	1,641.28	1/4	1,284.28	1/4	934.88	1/4	580.96	1/4	223.80	1/4		1/4		1/4	
1/2	2,344.33	1/2	1,990.03	1/2	1,633.85	1/2	1,276.85	1/2	927.67	1/2	573.51	1/2	216.35	1/2		1/2		1/2	
3/4	2,336.93	3/4	1,982.66	3/4	1,626.41	3/4	1,269.41	3/4	920.47	3/4	566.07	3/4	208.91	3/4		3/4		3/4	
9	2,329.54	9	1,975.28	9	1,618.97	9	1,261.97	9	913.26	9	558.63	9	201.47	9		9		9	
1/4	2,322.14	1/4	1,967.91	1/4	1,611.53	1/4	1,254.53	1/4	906.05	1/4	551.19	1/4	194.03	1/4		1/4		1/4	
1/2	2,314.74	1/2	1,960.54	1/2	1,604.10	1/2	1,247.10	1/2	898.84	1/2	543.75	1/2	186.59	1/2		1/2		1/2	
3/4	2,307.34	3/4	1,953.16	3/4	1,596.66	3/4	1,239.66	3/4	891.64	3/4	536.31	3/4	179.14	3/4		3/4		3/4	
10	2,299.94	10	1,945.79	10	1,589.22	10	1,232.22	10	884.43	10	528.86	10	171.70	10		10		10	
1/4	2,292.54	1/4	1,938.41	1/4	1,581.78	1/4	1,224.78	1/4	877.22	1/4	521.42	1/4	164.26	1/4		1/4		1/4	
1/2	2,285.14	1/2	1,931.04	1/2	1,574.35	1/2	1,217.35	1/2	870.01	1/2	513.98	1/2	156.82	1/2		1/2		1/2	
3/4	2,277.74	3/4	1,923.66	3/4	1,566.91	3/4	1,209.91	3/4	862.81	3/4	506.54	3/4	149.37	3/4		3/4		3/4	
11	2,270.34	11	1,916.29	11	1,559.47	11	1,202.47	11	855.60	11	499.10	11	141.93	11		11		11	
1/4	2,262.94	1/4	1,908.91	1/4	1,552.03	1/4	1,195.03	1/4	848.39	1/4	491.66	1/4	134.49	1/4		1/4		1/4	
1/2	2,255.56	1/2	1,901.51	1/2	1,544.60	1/2	1,187.70	1/2	841.07	1/2	484.21	1/2	127.04	1/2		1/2		1/2	
3/4	2,248.17	3/4	1,894.10	3/4	1,537.16	3/4	1,180.37	3/4	833.74	3/4	476.77	3/4	119.60	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 02/28/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3127"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,394.34	0	4,147.86	0	3,900.54	0	3,653.20	0	3,324.02	0	2,966.75
1/4		1/4		1/4		1/4		1/4	4,389.23	1/4	4,142.71	1/4	3,895.39	1/4	3,648.05	1/4	3,316.60	1/4	2,959.31
1/2		1/2		1/2		1/2		1/2	4,384.12	1/2	4,137.56	1/2	3,890.24	1/2	3,642.90	1/2	3,309.17	1/2	2,951.86
3/4		3/4		3/4		3/4		3/4	4,612.70	3/4	4,379.00	3/4	4,132.42	3/4	3,885.08	3/4	3,637.74	3/4	3,301.75
1		1		1		1		1	4,610.24	1	4,373.89	1	4,127.27	1	3,879.93	1	3,632.59	1	3,294.32
1/4		1/4		1/4		1/4		1/4	4,606.73	1/4	4,368.77	1/4	4,122.12	1/4	3,874.78	1/4	3,627.44	1/4	3,286.89
1/2		1/2		1/2		1/2		1/2	4,603.21	1/2	4,363.64	1/2	4,116.96	1/2	3,869.63	1/2	3,622.29	1/2	3,279.45
3/4		3/4		3/4		3/4		3/4	4,599.70	3/4	4,358.52	3/4	4,111.81	3/4	3,864.47	3/4	3,617.13	3/4	3,272.02
2		2		2		2		2	4,596.18	2	4,353.40	2	4,106.66	2	3,859.32	2	3,611.98	2	3,264.58
1/4		1/4		1/4		1/4		1/4	4,591.67	1/4	4,348.26	1/4	4,101.51	1/4	3,854.17	1/4	3,606.25	1/4	3,257.14
1/2		1/2		1/2		1/2		1/2	4,587.15	1/2	4,343.12	1/2	4,096.35	1/2	3,849.01	1/2	3,600.53	1/2	3,249.69
3/4		3/4		3/4		3/4		3/4	4,582.63	3/4	4,337.98	3/4	4,091.20	3/4	3,843.86	3/4	3,594.80	3/4	3,242.25
3		3		3		3		3	4,578.12	3	4,332.84	3	4,086.05	3	3,838.71	3	3,589.07	3	3,234.80
1/4		1/4		1/4		1/4		1/4	4,573.07	1/4	4,327.70	1/4	4,080.89	1/4	3,833.55	1/4	3,582.21	1/4	3,227.35
1/2		1/2		1/2		1/2		1/2	4,568.02	1/2	4,322.56	1/2	4,075.74	1/2	3,828.40	1/2	3,575.35	1/2	3,219.91
3/4		3/4		3/4		3/4		3/4	4,562.98	3/4	4,317.43	3/4	4,070.59	3/4	3,823.25	3/4	3,568.48	3/4	3,212.46
4		4		4		4		4	4,557.93	4	4,312.29	4	4,065.44	4	3,818.10	4	3,561.62	4	3,205.02
1/4		1/4		1/4		1/4		1/4	4,552.82	1/4	4,307.15	1/4	4,060.28	1/4	3,812.94	1/4	3,554.20	1/4	3,197.57
1/2		1/2		1/2		1/2		1/2	4,547.70	1/2	4,302.01	1/2	4,055.13	1/2	3,807.79	1/2	3,546.77	1/2	3,190.13
3/4		3/4		3/4		3/4		3/4	4,542.59	3/4	4,296.87	3/4	4,049.98	3/4	3,802.64	3/4	3,539.35	3/4	3,182.68
5		5		5		5		5	4,537.47	5	4,291.73	5	4,044.82	5	3,797.48	5	3,531.92	5	3,175.24
1/4		1/4		1/4		1/4		1/4	4,532.36	1/4	4,286.60	1/4	4,039.67	1/4	3,792.33	1/4	3,524.50	1/4	3,167.79
1/2		1/2		1/2		1/2		1/2	4,527.25	1/2	4,281.46	1/2	4,034.52	1/2	3,787.18	1/2	3,517.07	1/2	3,160.34
3/4		3/4		3/4		3/4		3/4	4,522.13	3/4	4,276.32	3/4	4,029.36	3/4	3,782.03	3/4	3,509.65	3/4	3,152.90
6		6		6		6		6	4,517.02	6	4,271.18	6	4,024.21	6	3,776.87	6	3,502.22	6	3,145.45
1/4		1/4		1/4		1/4		1/4	4,511.91	1/4	4,266.04	1/4	4,019.06	1/4	3,771.72	1/4	3,494.80	1/4	3,138.01
1/2		1/2		1/2		1/2		1/2	4,506.79	1/2	4,260.90	1/2	4,013.91	1/2	3,766.57	1/2	3,487.37	1/2	3,130.56
3/4		3/4		3/4		3/4		3/4	4,501.68	3/4	4,255.76	3/4	4,008.75	3/4	3,761.41	3/4	3,479.95	3/4	3,123.12
7		7		7		7		7	4,496.56	7	4,250.63	7	4,003.60	7	3,756.26	7	3,472.52	7	3,115.67
1/4		1/4		1/4		1/4		1/4	4,491.45	1/4	4,245.49	1/4	3,998.45	1/4	3,751.11	1/4	3,465.10	1/4	3,108.22
1/2		1/2		1/2		1/2		1/2	4,486.34	1/2	4,240.35	1/2	3,993.29	1/2	3,745.96	1/2	3,457.67	1/2	3,100.78
3/4		3/4		3/4		3/4		3/4	4,481.23	3/4	4,235.21	3/4	3,988.14	3/4	3,740.80	3/4	3,450.25	3/4	3,093.33
8		8		8		8		8	4,476.11	8	4,230.07	8	3,982.99	8	3,735.65	8	3,442.82	8	3,085.89
1/4		1/4		1/4		1/4		1/4	4,471.00	1/4	4,224.93	1/4	3,977.84	1/4	3,730.50	1/4	3,435.40	1/4	3,078.44
1/2		1/2		1/2		1/2		1/2	4,465.89	1/2	4,219.79	1/2	3,972.68	1/2	3,725.34	1/2	3,427.97	1/2	3,071.00
3/4		3/4		3/4		3/4		3/4	4,460.78	3/4	4,214.66	3/4	3,967.53	3/4	3,720.19	3/4	3,420.55	3/4	3,063.55
9		9		9		9		9	4,455.67	9	4,209.52	9	3,962.38	9	3,715.04	9	3,413.12	9	3,056.11
1/4		1/4		1/4		1/4		1/4	4,450.56	1/4	4,204.38	1/4	3,957.22	1/4	3,709.89	1/4	3,405.70	1/4	3,048.66
1/2		1/2		1/2		1/2		1/2	4,445.45	1/2	4,199.24	1/2	3,952.07	1/2	3,704.73	1/2	3,398.27	1/2	3,041.21
3/4		3/4		3/4		3/4		3/4	4,440.34	3/4	4,194.10	3/4	3,946.92	3/4	3,699.58	3/4	3,390.85	3/4	3,033.77
10		10		10		10		10	4,435.23	10	4,188.96	10	3,941.77	10	3,694.43	10	3,383.42	10	3,026.32
1/4		1/4		1/4		1/4		1/4	4,430.11	1/4	4,183.83	1/4	3,936.61	1/4	3,689.27	1/4	3,376.00	1/4	3,018.88
1/2		1/2		1/2		1/2		1/2	4,425.00	1/2	4,178.69	1/2	3,931.46	1/2	3,684.12	1/2	3,368.57	1/2	3,011.43
3/4		3/4		3/4		3/4		3/4	4,419.89	3/4	4,173.55	3/4	3,926.31	3/4	3,678.97	3/4	3,361.15	3/4	3,003.99
11		11		11		11		11	4,414.78	11	4,168.41	11	3,921.15	11	3,673.81	11	3,353.72	11	2,996.54
1/4		1/4		1/4		1/4		1/4	4,409.67	1/4	4,163.27	1/4	3,916.00	1/4	3,668.66	1/4	3,346.30	1/4	2,989.09
1/2		1/2		1/2		1/2		1/2	4,404.56	1/2	4,158.13	1/2	3,910.85	1/2	3,663.51	1/2	3,338.87	1/2	2,981.65
3/4		3/4		3/4		3/4		3/4	4,399.45	3/4	4,152.99	3/4	3,905.70	3/4	3,658.36	3/4	3,331.45	3/4	2,974.20

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3127"

3 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,609.22	0	2,251.35	0	1,893.49	0	1,535.62	0	1,177.76	0	820.45	0	462.59	0	104.74	0		0	
1/4	2,601.76	1/4	2,243.90	1/4	1,886.03	1/4	1,528.17	1/4	1,170.30	1/4	812.99	1/4	455.14	1/4	97.28	1/4		1/4	
1/2	2,594.31	1/2	2,236.44	1/2	1,878.58	1/2	1,520.71	1/2	1,162.85	1/2	805.54	1/2	447.68	1/2	89.83	1/2		1/2	
3/4	2,586.85	3/4	2,228.99	3/4	1,871.12	3/4	1,513.26	3/4	1,155.39	3/4	798.08	3/4	440.23	3/4	82.37	3/4		3/4	
1	2,579.39	1	2,221.53	1	1,863.67	1	1,505.80	1	1,147.94	1	790.63	1	432.77	1	74.92	1		1	
1/4	2,571.94	1/4	2,214.07	1/4	1,856.21	1/4	1,498.35	1/4	1,140.49	1/4	783.17	1/4	425.32	1/4	67.93	1/4		1/4	
1/2	2,564.48	1/2	2,206.62	1/2	1,848.76	1/2	1,490.89	1/2	1,133.04	1/2	775.72	1/2	417.86	1/2	60.94	1/2		1/2	
3/4	2,557.03	3/4	2,199.16	3/4	1,841.30	3/4	1,483.44	3/4	1,125.58	3/4	768.26	3/4	410.41	3/4	53.95	3/4		3/4	
2	2,549.57	2	2,191.71	2	1,833.84	2	1,475.98	2	1,118.13	2	760.81	2	402.95	2	46.96	2		2	
1/4	2,542.12	1/4	2,184.25	1/4	1,826.39	1/4	1,468.52	1/4	1,110.68	1/4	753.35	1/4	395.50	1/4	41.37	1/4		1/4	
1/2	2,534.66	1/2	2,176.80	1/2	1,818.93	1/2	1,461.07	1/2	1,103.24	1/2	745.90	1/2	388.04	1/2	35.78	1/2		1/2	
3/4	2,527.21	3/4	2,169.34	3/4	1,811.48	3/4	1,453.61	3/4	1,095.79	3/4	738.44	3/4	380.59	3/4	30.19	3/4		3/4	
3	2,519.75	3	2,161.89	3	1,804.02	3	1,446.16	3	1,088.34	3	730.98	3	373.13	3	24.60	3		3	
1/4	2,512.29	1/4	2,154.43	1/4	1,796.57	1/4	1,438.70	1/4	1,080.90	1/4	723.53	1/4	365.68	1/4	20.87	1/4		1/4	
1/2	2,504.84	1/2	2,146.98	1/2	1,789.11	1/2	1,431.25	1/2	1,073.45	1/2	716.07	1/2	358.22	1/2		1/2		1/2	
3/4	2,497.38	3/4	2,139.52	3/4	1,781.66	3/4	1,423.79	3/4	1,066.01	3/4	708.62	3/4	350.76	3/4		3/4		3/4	
4	2,489.93	4	2,132.06	4	1,774.20	4	1,416.34	4	1,058.57	4	701.16	4	343.31	4		4		4	
1/4	2,482.47	1/4	2,124.61	1/4	1,766.74	1/4	1,408.88	1/4	1,051.13	1/4	693.71	1/4	335.85	1/4		1/4		1/4	
1/2	2,475.02	1/2	2,117.15	1/2	1,759.29	1/2	1,401.43	1/2	1,043.69	1/2	686.25	1/2	328.40	1/2		1/2		1/2	
3/4	2,467.56	3/4	2,109.70	3/4	1,751.83	3/4	1,393.97	3/4	1,036.25	3/4	678.80	3/4	320.94	3/4		3/4		3/4	
5	2,460.11	5	2,102.24	5	1,744.38	5	1,386.51	5	1,028.81	5	671.34	5	313.49	5		5		5	
1/4	2,452.65	1/4	2,094.79	1/4	1,736.92	1/4	1,379.06	1/4	1,021.37	1/4	663.89	1/4	306.03	1/4		1/4		1/4	
1/2	2,445.20	1/2	2,087.33	1/2	1,729.47	1/2	1,371.60	1/2	1,013.93	1/2	656.43	1/2	298.58	1/2		1/2		1/2	
3/4	2,437.74	3/4	2,079.88	3/4	1,722.01	3/4	1,364.15	3/4	1,006.49	3/4	648.98	3/4	291.12	3/4		3/4		3/4	
6	2,430.28	6	2,072.42	6	1,714.56	6	1,356.69	6	999.05	6	641.52	6	283.67	6		6		6	
1/4	2,422.83	1/4	2,064.96	1/4	1,707.10	1/4	1,349.24	1/4	991.60	1/4	634.07	1/4	276.21	1/4		1/4		1/4	
1/2	2,415.37	1/2	2,057.51	1/2	1,699.65	1/2	1,341.78	1/2	984.16	1/2	626.61	1/2	268.76	1/2		1/2		1/2	
3/4	2,407.92	3/4	2,050.05	3/4	1,692.19	3/4	1,334.33	3/4	976.72	3/4	619.16	3/4	261.30	3/4		3/4		3/4	
7	2,400.46	7	2,042.60	7	1,684.73	7	1,326.87	7	969.28	7	611.70	7	253.85	7		7		7	
1/4	2,393.01	1/4	2,035.14	1/4	1,677.28	1/4	1,319.41	1/4	961.84	1/4	604.24	1/4	246.39	1/4		1/4		1/4	
1/2	2,385.55	1/2	2,027.69	1/2	1,669.82	1/2	1,311.96	1/2	954.40	1/2	596.79	1/2	238.93	1/2		1/2		1/2	
3/4	2,378.10	3/4	2,020.23	3/4	1,662.37	3/4	1,304.50	3/4	946.96	3/4	589.33	3/4	231.48	3/4		3/4		3/4	
8	2,370.64	8	2,012.78	8	1,654.91	8	1,297.05	8	939.52	8	581.88	8	224.02	8		8		8	
1/4	2,363.18	1/4	2,005.32	1/4	1,647.46	1/4	1,289.59	1/4	932.08	1/4	574.42	1/4	216.57	1/4		1/4		1/4	
1/2	2,355.73	1/2	1,997.87	1/2	1,640.00	1/2	1,282.14	1/2	924.64	1/2	566.97	1/2	209.11	1/2		1/2		1/2	
3/4	2,348.27	3/4	1,990.41	3/4	1,632.55	3/4	1,274.68	3/4	917.20	3/4	559.51	3/4	201.66	3/4		3/4		3/4	
9	2,340.82	9	1,982.95	9	1,625.09	9	1,267.23	9	909.76	9	552.06	9	194.20	9		9		9	
1/4	2,333.36	1/4	1,975.50	1/4	1,617.63	1/4	1,259.77	1/4	902.32	1/4	544.60	1/4	186.75	1/4		1/4		1/4	
1/2	2,325.91	1/2	1,968.04	1/2	1,610.18	1/2	1,252.32	1/2	894.88	1/2	537.15	1/2	179.29	1/2		1/2		1/2	
3/4	2,318.45	3/4	1,960.59	3/4	1,602.72	3/4	1,244.86	3/4	887.44	3/4	529.69	3/4	171.84	3/4		3/4		3/4	
10	2,311.00	10	1,953.13	10	1,595.27	10	1,237.40	10	880.00	10	522.24	10	164.38	10		10		10	
1/4	2,303.54	1/4	1,945.68	1/4	1,587.81	1/4	1,229.95	1/4	872.56	1/4	514.78	1/4	156.93	1/4		1/4		1/4	
1/2	2,296.09	1/2	1,938.22	1/2	1,580.36	1/2	1,222.49	1/2	865.12	1/2	507.33	1/2	149.47	1/2		1/2		1/2	
3/4	2,288.63	3/4	1,930.77	3/4	1,572.90	3/4	1,215.04	3/4	857.68	3/4	499.87	3/4	142.02	3/4		3/4		3/4	
11	2,281.17	11	1,923.31	11	1,565.45	11	1,207.58	11	850.24	11	492.42	11	134.56	11		11		11	
1/4	2,273.72	1/4	1,915.85	1/4	1,557.99	1/4	1,200.13	1/4	842.79	1/4	484.96	1/4	127.11	1/4		1/4		1/4	
1/2	2,266.26	1/2	1,908.40	1/2	1,550.54	1/2	1,192.67	1/2	835.34	1/2	477.50	1/2	119.65	1/2		1/2		1/2	
3/4	2,258.81	3/4	1,900.94	3/4	1,543.08	3/4	1,185.22	3/4	827.90	3/4	470.05	3/4	112.19	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 02/28/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3127"

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	455	0	910	0	1,365	0	1,820	0		0		0		0		0	
1/4	9	1/4	465	1/4	920	1/4	1,375	1/4	1,830	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	474	1/2	929	1/2	1,384	1/2	1,839	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	484	3/4	939	3/4	1,394	3/4	1,849	3/4		3/4		3/4		3/4		3/4	
1	38	1	493	1	948	1	1,403	1	1,858	1		1		1		1		1	
1/4	47	1/4	502	1/4	958	1/4	1,413	1/4	1,868	1/4		1/4		1/4		1/4		1/4	
1/2	57	1/2	512	1/2	967	1/2	1,422	1/2	1,877	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	521	3/4	976	3/4	1,432	3/4	1,887	3/4		3/4		3/4		3/4		3/4	
2	76	2	531	2	986	2	1,441	2	1,896	2		2		2		2		2	
1/4	85	1/4	540	1/4	995	1/4	1,451	1/4	1,906	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	550	1/2	1,005	1/2	1,460	1/2	1,915	1/2		1/2		1/2		1/2		1/2	
3/4	104	3/4	559	3/4	1,014	3/4	1,469	3/4	1,925	3/4		3/4		3/4		3/4		3/4	
3	114	3	569	3	1,024	3	1,479	3	1,934	3		3		3		3		3	
1/4	123	1/4	578	1/4	1,033	1/4	1,488	1/4	1,944	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	588	1/2	1,043	1/2	1,498	1/2	1,953	1/2		1/2		1/2		1/2		1/2	
3/4	142	3/4	597	3/4	1,052	3/4	1,507	3/4	1,962	3/4		3/4		3/4		3/4		3/4	
4	152	4	607	4	1,062	4	1,517	4	1,972	4		4		4		4		4	
1/4	161	1/4	616	1/4	1,071	1/4	1,526	1/4	1,981	1/4		1/4		1/4		1/4		1/4	
1/2	171	1/2	626	1/2	1,081	1/2	1,536	1/2	1,991	1/2		1/2		1/2		1/2		1/2	
3/4	180	3/4	635	3/4	1,090	3/4	1,545	3/4	2,000	3/4		3/4		3/4		3/4		3/4	
5	190	5	645	5	1,100	5	1,555	5	2,010	5		5		5		5		5	
1/4	199	1/4	654	1/4	1,109	1/4	1,564	1/4	2,019	1/4		1/4		1/4		1/4		1/4	
1/2	209	1/2	664	1/2	1,119	1/2	1,574	1/2	2,029	1/2		1/2		1/2		1/2		1/2	
3/4	218	3/4	673	3/4	1,128	3/4	1,583	3/4	2,038	3/4		3/4		3/4		3/4		3/4	
6	228	6	683	6	1,138	6	1,593	6	2,048	6		6		6		6		6	
1/4	237	1/4	692	1/4	1,147	1/4	1,602	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	246	1/2	702	1/2	1,157	1/2	1,612	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	256	3/4	711	3/4	1,166	3/4	1,621	3/4		3/4		3/4		3/4		3/4		3/4	
7	265	7	721	7	1,176	7	1,631	7		7		7		7		7		7	
1/4	275	1/4	730	1/4	1,185	1/4	1,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	739	1/2	1,195	1/2	1,650	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	294	3/4	749	3/4	1,204	3/4	1,659	3/4		3/4		3/4		3/4		3/4		3/4	
8	303	8	758	8	1,214	8	1,669	8		8		8		8		8		8	
1/4	313	1/4	768	1/4	1,223	1/4	1,678	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	322	1/2	777	1/2	1,232	1/2	1,688	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	787	3/4	1,242	3/4	1,697	3/4		3/4		3/4		3/4		3/4		3/4	
9	341	9	796	9	1,251	9	1,706	9		9		9		9		9		9	
1/4	351	1/4	806	1/4	1,261	1/4	1,716	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	360	1/2	815	1/2	1,270	1/2	1,725	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	370	3/4	825	3/4	1,280	3/4	1,735	3/4		3/4		3/4		3/4		3/4		3/4	
10	379	10	834	10	1,289	10	1,744	10		10		10		10		10		10	
1/4	389	1/4	844	1/4	1,299	1/4	1,754	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	398	1/2	853	1/2	1,308	1/2	1,763	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	408	3/4	863	3/4	1,318	3/4	1,773	3/4		3/4		3/4		3/4		3/4		3/4	
11	417	11	872	11	1,327	11	1,782	11		11		11		11		11		11	
1/4	427	1/4	882	1/4	1,337	1/4	1,792	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	436	1/2	891	1/2	1,346	1/2	1,801	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	446	3/4	901	3/4	1,356	3/4	1,811	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 02/28/2024 JS
 CALCULATED: 02/29/2024 CL
 VERIFIED: 02/29/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3127"

AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	455	0	910	0	1,365	0	1,820	0		0		0		0		0	
1/4	9	1/4	465	1/4	920	1/4	1,375	1/4	1,830	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	474	1/2	929	1/2	1,384	1/2	1,839	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	484	3/4	939	3/4	1,394	3/4	1,849	3/4		3/4		3/4		3/4		3/4	
1	38	1	493	1	948	1	1,403	1	1,858	1		1		1		1		1	
1/4	47	1/4	502	1/4	958	1/4	1,413	1/4	1,868	1/4		1/4		1/4		1/4		1/4	
1/2	57	1/2	512	1/2	967	1/2	1,422	1/2	1,877	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	521	3/4	976	3/4	1,432	3/4	1,887	3/4		3/4		3/4		3/4		3/4	
2	76	2	531	2	986	2	1,441	2	1,896	2		2		2		2		2	
1/4	85	1/4	540	1/4	995	1/4	1,451	1/4	1,906	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	550	1/2	1,005	1/2	1,460	1/2	1,915	1/2		1/2		1/2		1/2		1/2	
3/4	104	3/4	559	3/4	1,014	3/4	1,469	3/4	1,925	3/4		3/4		3/4		3/4		3/4	
3	114	3	569	3	1,024	3	1,479	3	1,934	3		3		3		3		3	
1/4	123	1/4	578	1/4	1,033	1/4	1,488	1/4	1,944	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	588	1/2	1,043	1/2	1,498	1/2	1,953	1/2		1/2		1/2		1/2		1/2	
3/4	142	3/4	597	3/4	1,052	3/4	1,507	3/4	1,962	3/4		3/4		3/4		3/4		3/4	
4	152	4	607	4	1,062	4	1,517	4	1,972	4		4		4		4		4	
1/4	161	1/4	616	1/4	1,071	1/4	1,526	1/4	1,981	1/4		1/4		1/4		1/4		1/4	
1/2	171	1/2	626	1/2	1,081	1/2	1,536	1/2	1,991	1/2		1/2		1/2		1/2		1/2	
3/4	180	3/4	635	3/4	1,090	3/4	1,545	3/4	2,000	3/4		3/4		3/4		3/4		3/4	
5	190	5	645	5	1,100	5	1,555	5	2,010	5		5		5		5		5	
1/4	199	1/4	654	1/4	1,109	1/4	1,564	1/4	2,019	1/4		1/4		1/4		1/4		1/4	
1/2	209	1/2	664	1/2	1,119	1/2	1,574	1/2	2,029	1/2		1/2		1/2		1/2		1/2	
3/4	218	3/4	673	3/4	1,128	3/4	1,583	3/4	2,038	3/4		3/4		3/4		3/4		3/4	
6	228	6	683	6	1,138	6	1,593	6	2,048	6		6		6		6		6	
1/4	237	1/4	692	1/4	1,147	1/4	1,602	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	246	1/2	702	1/2	1,157	1/2	1,612	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	256	3/4	711	3/4	1,166	3/4	1,621	3/4		3/4		3/4		3/4		3/4		3/4	
7	265	7	721	7	1,176	7	1,631	7		7		7		7		7		7	
1/4	275	1/4	730	1/4	1,185	1/4	1,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	739	1/2	1,195	1/2	1,650	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	294	3/4	749	3/4	1,204	3/4	1,659	3/4		3/4		3/4		3/4		3/4		3/4	
8	303	8	758	8	1,214	8	1,669	8		8		8		8		8		8	
1/4	313	1/4	768	1/4	1,223	1/4	1,678	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	322	1/2	777	1/2	1,232	1/2	1,688	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	787	3/4	1,242	3/4	1,697	3/4		3/4		3/4		3/4		3/4		3/4	
9	341	9	796	9	1,251	9	1,706	9		9		9		9		9		9	
1/4	351	1/4	806	1/4	1,261	1/4	1,716	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	360	1/2	815	1/2	1,270	1/2	1,725	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	370	3/4	825	3/4	1,280	3/4	1,735	3/4		3/4		3/4		3/4		3/4		3/4	
10	379	10	834	10	1,289	10	1,744	10		10		10		10		10		10	
1/4	389	1/4	844	1/4	1,299	1/4	1,754	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	398	1/2	853	1/2	1,308	1/2	1,763	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	408	3/4	863	3/4	1,318	3/4	1,773	3/4		3/4		3/4		3/4		3/4		3/4	
11	417	11	872	11	1,327	11	1,782	11		11		11		11		11		11	
1/4	427	1/4	882	1/4	1,337	1/4	1,792	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	436	1/2	891	1/2	1,346	1/2	1,801	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	446	3/4	901	3/4	1,356	3/4	1,811	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 02/28/2024 JS
 CALCULATED: 02/29/2024 CL
 VERIFIED: 02/29/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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