



BARGE "HTCO 3011"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
1 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 PORT	00-3/4	- 00-3/4	01-5/8	- 01-5/8	02-3/8	- 02-3/8	03-1/4	- 03-1/4	04-0/8	- 04-0/8	04-3/4	- 04-3/4
3 STBD	00-3/4	- 00-3/4	01-5/8	- 01-5/8	02-3/8	- 02-3/8	03-1/4	- 03-1/4	04-0/8	- 04-0/8	04-3/4	- 04-3/4

(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 - 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 253'-03"

March 5, 2024

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

<http://www.pmacorp.net>





BARGE "HTCO 3011"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,250.22	0	4,923.21	0	4,586.91	0	4,233.22	0	3,871.10	0	3,508.96	0	3,146.82
1/4		1/4		1/4		1/4	5,245.89	1/4	4,916.38	1/4	4,579.70	1/4	4,225.68	1/4	3,863.56	1/4	3,501.42	1/4	3,139.27
1/2		1/2		1/2		1/2	5,241.56	1/2	4,909.55	1/2	4,572.50	1/2	4,218.15	1/2	3,856.01	1/2	3,493.87	1/2	3,131.73
3/4		3/4		3/4		3/4	5,237.23	3/4	4,902.72	3/4	4,565.30	3/4	4,210.61	3/4	3,848.47	3/4	3,486.33	3/4	3,124.19
1		1		1		1	5,231.65	1	4,895.86	1	4,558.07	1	4,203.06	1	3,840.92	1	3,478.78	1	3,116.64
1/4		1/4		1/4		1/4	5,226.08	1/4	4,889.00	1/4	4,550.84	1/4	4,195.52	1/4	3,833.38	1/4	3,471.24	1/4	3,109.10
1/2		1/2		1/2		1/2	5,220.51	1/2	4,882.14	1/2	4,543.62	1/2	4,187.97	1/2	3,825.83	1/2	3,463.69	1/2	3,101.55
3/4		3/4		3/4		3/4	5,214.93	3/4	4,875.28	3/4	4,536.39	3/4	4,180.43	3/4	3,818.29	3/4	3,456.15	3/4	3,094.01
2		2		2		2	5,208.19	2	4,868.39	2	4,529.13	2	4,172.88	2	3,810.74	2	3,448.60	2	3,086.46
1/4		1/4		1/4		1/4	5,201.45	1/4	4,861.51	1/4	4,521.87	1/4	4,165.34	1/4	3,803.20	1/4	3,441.06	1/4	3,078.92
1/2		1/2		1/2		1/2	5,194.71	1/2	4,854.62	1/2	4,514.61	1/2	4,157.80	1/2	3,795.65	1/2	3,433.51	1/2	3,071.37
3/4		3/4		3/4		3/4	5,187.97	3/4	4,847.73	3/4	4,507.35	3/4	4,150.25	3/4	3,788.11	3/4	3,425.97	3/4	3,063.83
3		3		3		3	5,180.61	3	4,840.81	3	4,500.05	3	4,142.71	3	3,780.57	3	3,418.42	3	3,056.28
1/4		1/4		1/4		1/4	5,173.24	1/4	4,833.90	1/4	4,492.76	1/4	4,135.16	1/4	3,773.02	1/4	3,410.88	1/4	3,048.74
1/2		1/2		1/2		1/2	5,165.87	1/2	4,826.98	1/2	4,485.47	1/2	4,127.62	1/2	3,765.48	1/2	3,403.34	1/2	3,041.19
3/4		3/4		3/4		3/4	5,158.50	3/4	4,820.07	3/4	4,478.18	3/4	4,120.07	3/4	3,757.93	3/4	3,395.79	3/4	3,033.65
4		4		4		4	5,151.05	4	4,813.13	4	4,470.86	4	4,112.53	4	3,750.39	4	3,388.25	4	3,026.11
1/4		1/4		1/4		1/4	5,143.61	1/4	4,806.18	1/4	4,463.54	1/4	4,104.98	1/4	3,742.84	1/4	3,380.70	1/4	3,018.56
1/2		1/2		1/2		1/2	5,136.16	1/2	4,799.24	1/2	4,456.22	1/2	4,097.44	1/2	3,735.30	1/2	3,373.16	1/2	3,011.02
3/4		3/4		3/4		3/4	5,128.71	3/4	4,792.30	3/4	4,448.90	3/4	4,089.89	3/4	3,727.75	3/4	3,365.61	3/4	3,003.47
5		5		5		5	5,121.27	5	4,785.33	5	4,441.56	5	4,082.35	5	3,720.21	5	3,358.07	5	2,995.93
1/4		1/4		1/4		1/4	5,113.82	1/4	4,778.36	1/4	4,434.21	1/4	4,074.80	1/4	3,712.66	1/4	3,350.52	1/4	2,988.38
1/2		1/2		1/2		1/2	5,106.38	1/2	4,771.39	1/2	4,426.86	1/2	4,067.26	1/2	3,705.12	1/2	3,342.98	1/2	2,980.84
3/4		3/4		3/4		3/4	5,098.93	3/4	4,764.41	3/4	4,419.52	3/4	4,059.72	3/4	3,697.57	3/4	3,335.43	3/4	2,973.29
6		6		6		6	5,091.48	6	4,757.41	6	4,412.14	6	4,052.17	6	3,690.03	6	3,327.89	6	2,965.75
1/4		1/4		1/4		1/4	5,084.04	1/4	4,750.41	1/4	4,404.77	1/4	4,044.63	1/4	3,682.49	1/4	3,320.34	1/4	2,958.20
1/2		1/2		1/2		1/2	5,076.59	1/2	4,743.41	1/2	4,397.39	1/2	4,037.08	1/2	3,674.94	1/2	3,312.80	1/2	2,950.66
3/4		3/4		3/4		3/4	5,069.14	3/4	4,736.41	3/4	4,390.02	3/4	4,029.54	3/4	3,667.40	3/4	3,305.26	3/4	2,943.11
7		7		7		7	5,061.70	7	4,729.36	7	4,382.61	7	4,021.99	7	3,659.85	7	3,297.71	7	2,935.57
1/4		1/4		1/4		1/4	5,054.25	1/4	4,722.31	1/4	4,375.21	1/4	4,014.45	1/4	3,652.31	1/4	3,290.17	1/4	2,928.03
1/2		1/2		1/2		1/2	5,046.80	1/2	4,715.26	1/2	4,367.81	1/2	4,006.90	1/2	3,644.76	1/2	3,282.62	1/2	2,920.48
3/4		3/4		3/4		3/4	5,039.36	3/4	4,708.21	3/4	4,360.41	3/4	3,999.36	3/4	3,637.22	3/4	3,275.08	3/4	2,912.94
8		8		8		8	5,032.31	8	4,701.12	8	4,352.97	8	3,991.81	8	3,629.67	8	3,267.53	8	2,905.39
1/4		1/4		1/4		1/4	5,025.25	1/4	4,694.03	1/4	4,345.54	1/4	3,984.27	1/4	3,622.13	1/4	3,259.99	1/4	2,897.85
1/2		1/2		1/2		1/2	5,018.20	1/2	4,686.94	1/2	4,338.11	1/2	3,976.73	1/2	3,614.58	1/2	3,252.44	1/2	2,890.30
3/4		3/4		3/4		3/4	5,011.15	3/4	4,679.85	3/4	4,330.67	3/4	3,969.18	3/4	3,607.04	3/4	3,244.90	3/4	2,882.76
9		9		9		9	5,004.44	9	4,672.74	9	4,323.21	9	3,961.64	9	3,599.50	9	3,237.35	9	2,875.21
1/4		1/4		1/4		1/4	4,997.73	1/4	4,665.62	1/4	4,315.74	1/4	3,954.09	1/4	3,591.95	1/4	3,229.81	1/4	2,867.67
1/2		1/2		1/2		1/2	4,991.02	1/2	4,658.50	1/2	4,308.28	1/2	3,946.55	1/2	3,584.41	1/2	3,222.27	1/2	2,860.12
3/4		3/4		3/4		3/4	4,984.32	3/4	4,651.38	3/4	4,300.81	3/4	3,939.00	3/4	3,576.86	3/4	3,214.72	3/4	2,852.58
10		10		10		10	4,977.54	10	4,644.24	10	4,293.32	10	3,931.46	10	3,569.32	10	3,207.18	10	2,845.04
1/4		1/4		1/4		1/4	4,970.77	1/4	4,637.09	1/4	4,285.83	1/4	3,923.91	1/4	3,561.77	1/4	3,199.63	1/4	2,837.49
1/2		1/2		1/2		1/2	4,964.00	1/2	4,629.95	1/2	4,278.34	1/2	3,916.37	1/2	3,554.23	1/2	3,192.09	1/2	2,829.95
3/4		3/4		3/4		3/4	4,957.23	3/4	4,622.80	3/4	4,270.84	3/4	3,908.82	3/4	3,546.68	3/4	3,184.54	3/4	2,822.40
11		11		11		11	4,950.43	11	4,615.63	11	4,263.32	11	3,901.28	11	3,539.14	11	3,177.00	11	2,814.86
1/4		1/4		1/4		1/4	4,943.63	1/4	4,608.45	1/4	4,255.80	1/4	3,893.73	1/4	3,531.59	1/4	3,169.45	1/4	2,807.31
1/2		1/2		1/2		1/2	4,936.83	1/2	4,601.28	1/2	4,248.28	1/2	3,886.19	1/2	3,524.05	1/2	3,161.91	1/2	2,799.77
3/4		3/4		3/4		3/4	4,930.03	3/4	4,594.11	3/4	4,240.76	3/4	3,878.65	3/4	3,516.50	3/4	3,154.36	3/4	2,792.22

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 11'-00" OFF CENTERLINE AND 47'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "HTCO 3011"

1 PORT
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 17'-09"

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	2,784.68	0	2,422.47	0	2,060.20	0	1,697.92	0	1,335.64	0	973.80	0	611.61	0	249.34	0		0	
1/4	2,777.13	1/4	2,414.92	1/4	2,052.65	1/4	1,690.37	1/4	1,328.10	1/4	966.27	1/4	604.06	1/4	241.80	1/4		1/4	
1/2	2,769.59	1/2	2,407.38	1/2	2,045.10	1/2	1,682.83	1/2	1,320.55	1/2	958.73	1/2	596.51	1/2	234.25	1/2		1/2	
3/4	2,762.04	3/4	2,399.83	3/4	2,037.55	3/4	1,675.28	3/4	1,313.00	3/4	951.20	3/4	588.96	3/4	226.70	3/4		3/4	
1	2,754.50	1	2,392.28	1	2,030.01	1	1,667.73	1	1,305.46	1	943.66	1	581.42	1	219.16	1		1	
1/4	2,746.96	1/4	2,384.73	1/4	2,022.46	1/4	1,660.18	1/4	1,297.91	1/4	936.12	1/4	573.87	1/4	211.61	1/4		1/4	
1/2	2,739.41	1/2	2,377.19	1/2	2,014.91	1/2	1,652.64	1/2	1,290.36	1/2	928.58	1/2	566.32	1/2	204.06	1/2		1/2	
3/4	2,731.87	3/4	2,369.64	3/4	2,007.36	3/4	1,645.09	3/4	1,282.81	3/4	921.04	3/4	558.78	3/4	196.51	3/4		3/4	
2	2,724.32	2	2,362.09	2	1,999.82	2	1,637.54	2	1,275.27	2	913.49	2	551.23	2	188.97	2		2	
1/4	2,716.78	1/4	2,354.54	1/4	1,992.27	1/4	1,629.99	1/4	1,267.72	1/4	905.94	1/4	543.68	1/4	181.42	1/4		1/4	
1/2	2,709.23	1/2	2,347.00	1/2	1,984.72	1/2	1,622.45	1/2	1,260.17	1/2	898.40	1/2	536.13	1/2	173.87	1/2		1/2	
3/4	2,701.69	3/4	2,339.45	3/4	1,977.17	3/4	1,614.90	3/4	1,252.62	3/4	890.85	3/4	528.59	3/4	166.33	3/4		3/4	
3	2,694.14	3	2,331.90	3	1,969.63	3	1,607.35	3	1,245.08	3	883.30	3	521.04	3	158.78	3		3	
1/4	2,686.60	1/4	2,324.35	1/4	1,962.08	1/4	1,599.80	1/4	1,237.54	1/4	875.75	1/4	513.49	1/4	151.23	1/4		1/4	
1/2	2,679.05	1/2	2,316.81	1/2	1,954.53	1/2	1,592.26	1/2	1,230.00	1/2	868.21	1/2	505.95	1/2	143.69	1/2		1/2	
3/4	2,671.51	3/4	2,309.26	3/4	1,946.98	3/4	1,584.71	3/4	1,222.46	3/4	860.66	3/4	498.40	3/4	136.14	3/4		3/4	
4	2,663.96	4	2,301.71	4	1,939.44	4	1,577.16	4	1,214.92	4	853.11	4	490.85	4	128.59	4		4	
1/4	2,656.42	1/4	2,294.16	1/4	1,931.89	1/4	1,569.61	1/4	1,207.39	1/4	845.57	1/4	483.30	1/4	121.04	1/4		1/4	
1/2	2,648.88	1/2	2,286.62	1/2	1,924.34	1/2	1,562.07	1/2	1,199.85	1/2	838.02	1/2	475.76	1/2	113.50	1/2		1/2	
3/4	2,641.33	3/4	2,279.07	3/4	1,916.79	3/4	1,554.52	3/4	1,192.32	3/4	830.47	3/4	468.21	3/4	105.95	3/4		3/4	
5	2,633.79	5	2,271.52	5	1,909.25	5	1,546.97	5	1,184.78	5	822.92	5	460.66	5	98.72	5		5	
1/4	2,626.24	1/4	2,263.97	1/4	1,901.70	1/4	1,539.42	1/4	1,177.25	1/4	815.38	1/4	453.12	1/4	91.48	1/4		1/4	
1/2	2,618.70	1/2	2,256.43	1/2	1,894.15	1/2	1,531.88	1/2	1,169.71	1/2	807.83	1/2	445.57	1/2	84.25	1/2		1/2	
3/4	2,611.16	3/4	2,248.88	3/4	1,886.60	3/4	1,524.33	3/4	1,162.18	3/4	800.28	3/4	438.02	3/4	77.02	3/4		3/4	
6	2,603.61	6	2,241.33	6	1,879.06	6	1,516.78	6	1,154.64	6	792.74	6	430.47	6	70.73	6		6	
1/4	2,596.06	1/4	2,233.79	1/4	1,871.51	1/4	1,509.23	1/4	1,147.11	1/4	785.19	1/4	422.93	1/4	64.44	1/4		1/4	
1/2	2,588.51	1/2	2,226.24	1/2	1,863.96	1/2	1,501.69	1/2	1,139.57	1/2	777.64	1/2	415.38	1/2	58.15	1/2		1/2	
3/4	2,580.97	3/4	2,218.69	3/4	1,856.42	3/4	1,494.14	3/4	1,132.04	3/4	770.09	3/4	407.83	3/4	51.86	3/4		3/4	
7	2,573.42	7	2,211.14	7	1,848.87	7	1,486.59	7	1,124.50	7	762.55	7	400.29	7	46.83	7		7	
1/4	2,565.87	1/4	2,203.60	1/4	1,841.32	1/4	1,479.05	1/4	1,116.97	1/4	755.00	1/4	392.74	1/4	41.80	1/4		1/4	
1/2	2,558.32	1/2	2,196.05	1/2	1,833.77	1/2	1,471.50	1/2	1,109.43	1/2	747.45	1/2	385.19	1/2	36.77	1/2		1/2	
3/4	2,550.78	3/4	2,188.50	3/4	1,826.23	3/4	1,463.95	3/4	1,101.90	3/4	739.91	3/4	377.65	3/4	31.74	3/4		3/4	
8	2,543.23	8	2,180.95	8	1,818.68	8	1,456.40	8	1,094.36	8	732.36	8	370.10	8	27.97	8		8	
1/4	2,535.68	1/4	2,173.41	1/4	1,811.13	1/4	1,448.86	1/4	1,086.83	1/4	724.81	1/4	362.55	1/4	24.20	1/4		1/4	
1/2	2,528.13	1/2	2,165.86	1/2	1,803.58	1/2	1,441.31	1/2	1,079.29	1/2	717.26	1/2	355.00	1/2	20.43	1/2		1/2	
3/4	2,520.59	3/4	2,158.31	3/4	1,796.04	3/4	1,433.76	3/4	1,071.76	3/4	709.72	3/4	347.46	3/4	16.65	3/4		3/4	
9	2,513.04	9	2,150.76	9	1,788.49	9	1,426.21	9	1,064.22	9	702.17	9	339.91	9	14.14	9		9	
1/4	2,505.49	1/4	2,143.22	1/4	1,780.94	1/4	1,418.67	1/4	1,056.69	1/4	694.62	1/4	332.36	1/4		1/4		1/4	
1/2	2,497.94	1/2	2,135.67	1/2	1,773.39	1/2	1,411.12	1/2	1,049.15	1/2	687.08	1/2	324.82	1/2		1/2		1/2	
3/4	2,490.40	3/4	2,128.12	3/4	1,765.85	3/4	1,403.57	3/4	1,041.62	3/4	679.53	3/4	317.27	3/4		3/4		3/4	
10	2,482.85	10	2,120.57	10	1,758.30	10	1,396.02	10	1,034.08	10	671.98	10	309.72	10		10		10	
1/4	2,475.30	1/4	2,113.03	1/4	1,750.75	1/4	1,388.48	1/4	1,026.55	1/4	664.44	1/4	302.17	1/4		1/4		1/4	
1/2	2,467.75	1/2	2,105.48	1/2	1,743.20	1/2	1,380.93	1/2	1,019.01	1/2	656.89	1/2	294.63	1/2		1/2		1/2	
3/4	2,460.21	3/4	2,097.93	3/4	1,735.66	3/4	1,373.38	3/4	1,011.48	3/4	649.34	3/4	287.08	3/4		3/4		3/4	
11	2,452.66	11	2,090.38	11	1,728.11	11	1,365.83	11	1,003.94	11	641.79	11	279.53	11		11		11	
1/4	2,445.11	1/4	2,082.84	1/4	1,720.56	1/4	1,358.29	1/4	996.41	1/4	634.25	1/4	271.99	1/4		1/4		1/4	
1/2	2,437.57	1/2	2,075.29	1/2	1,713.01	1/2	1,350.74	1/2	988.87	1/2	626.70	1/2	264.44	1/2		1/2		1/2	
3/4	2,430.02	3/4	2,067.74	3/4	1,705.47	3/4	1,343.19	3/4	981.34	3/4	619.15	3/4	256.89	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "HTCO 3011"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,250.23	0	4,923.11	0	4,586.68	0	4,232.87	0	3,870.61	0	3,508.34	0	3,146.07
1/4		1/4		1/4		1/4	5,245.89	1/4	4,916.28	1/4	4,579.48	1/4	4,225.32	1/4	3,863.06	1/4	3,500.79	1/4	3,138.52
1/2		1/2		1/2		1/2	5,241.56	1/2	4,909.44	1/2	4,572.28	1/2	4,217.78	1/2	3,855.51	1/2	3,493.24	1/2	3,130.97
3/4		3/4		3/4		3/4	5,237.23	3/4	4,902.61	3/4	4,565.07	3/4	4,210.24	3/4	3,847.97	3/4	3,485.70	3/4	3,123.43
1		1		1		1	5,231.66	1	4,895.75	1	4,557.84	1	4,202.69	1	3,840.42	1	3,478.15	1	3,115.88
1/4		1/4		1/4		1/4	5,226.08	1/4	4,888.89	1/4	4,550.61	1/4	4,195.14	1/4	3,832.87	1/4	3,470.60	1/4	3,108.33
1/2		1/2		1/2		1/2	5,220.51	1/2	4,882.03	1/2	4,543.38	1/2	4,187.59	1/2	3,825.32	1/2	3,463.05	1/2	3,100.78
3/4		3/4		3/4		3/4	5,214.93	3/4	4,875.16	3/4	4,536.14	3/4	4,180.05	3/4	3,817.78	3/4	3,455.51	3/4	3,093.24
2		2		2		2	5,208.19	2	4,868.27	2	4,528.88	2	4,172.50	2	3,810.23	2	3,447.96	2	3,085.69
1/4		1/4		1/4		1/4	5,201.45	1/4	4,861.38	1/4	4,521.62	1/4	4,164.95	1/4	3,802.68	1/4	3,440.41	1/4	3,078.14
1/2		1/2		1/2		1/2	5,194.71	1/2	4,854.49	1/2	4,514.36	1/2	4,157.41	1/2	3,795.13	1/2	3,432.86	1/2	3,070.59
3/4		3/4		3/4		3/4	5,187.97	3/4	4,847.60	3/4	4,507.09	3/4	4,149.86	3/4	3,787.59	3/4	3,425.32	3/4	3,063.05
3		3		3		3	5,180.60	3	4,840.69	3	4,499.80	3	4,142.31	3	3,780.04	3	3,417.77	3	3,055.50
1/4		1/4		1/4		1/4	5,173.23	1/4	4,833.77	1/4	4,492.50	1/4	4,134.76	1/4	3,772.49	1/4	3,410.22	1/4	3,047.95
1/2		1/2		1/2		1/2	5,165.86	1/2	4,826.85	1/2	4,485.21	1/2	4,127.22	1/2	3,764.95	1/2	3,402.68	1/2	3,040.40
3/4		3/4		3/4		3/4	5,158.49	3/4	4,819.93	3/4	4,477.92	3/4	4,119.67	3/4	3,757.40	3/4	3,395.13	3/4	3,032.86
4		4		4		4	5,151.04	4	4,812.99	4	4,470.59	4	4,112.12	4	3,749.85	4	3,387.58	4	3,025.31
1/4		1/4		1/4		1/4	5,143.59	1/4	4,806.04	1/4	4,463.27	1/4	4,104.57	1/4	3,742.30	1/4	3,380.03	1/4	3,017.76
1/2		1/2		1/2		1/2	5,136.14	1/2	4,799.10	1/2	4,455.95	1/2	4,097.03	1/2	3,734.76	1/2	3,372.49	1/2	3,010.22
3/4		3/4		3/4		3/4	5,128.69	3/4	4,792.15	3/4	4,448.63	3/4	4,089.48	3/4	3,727.21	3/4	3,364.94	3/4	3,002.67
5		5		5		5	5,121.24	5	4,785.18	5	4,441.28	5	4,081.93	5	3,719.66	5	3,357.39	5	2,995.12
1/4		1/4		1/4		1/4	5,113.79	1/4	4,778.20	1/4	4,433.93	1/4	4,074.38	1/4	3,712.11	1/4	3,349.84	1/4	2,987.57
1/2		1/2		1/2		1/2	5,106.35	1/2	4,771.23	1/2	4,426.58	1/2	4,066.84	1/2	3,704.57	1/2	3,342.30	1/2	2,980.03
3/4		3/4		3/4		3/4	5,098.90	3/4	4,764.26	3/4	4,419.23	3/4	4,059.29	3/4	3,697.02	3/4	3,334.75	3/4	2,972.48
6		6		6		6	5,091.45	6	4,757.25	6	4,411.85	6	4,051.74	6	3,689.47	6	3,327.20	6	2,964.93
1/4		1/4		1/4		1/4	5,084.00	1/4	4,750.25	1/4	4,404.48	1/4	4,044.20	1/4	3,681.93	1/4	3,319.65	1/4	2,957.38
1/2		1/2		1/2		1/2	5,076.55	1/2	4,743.24	1/2	4,397.10	1/2	4,036.65	1/2	3,674.38	1/2	3,312.11	1/2	2,949.84
3/4		3/4		3/4		3/4	5,069.10	3/4	4,736.24	3/4	4,389.72	3/4	4,029.10	3/4	3,666.83	3/4	3,304.56	3/4	2,942.29
7		7		7		7	5,061.65	7	4,729.19	7	4,382.32	7	4,021.55	7	3,659.28	7	3,297.01	7	2,934.74
1/4		1/4		1/4		1/4	5,054.20	1/4	4,722.14	1/4	4,374.91	1/4	4,014.01	1/4	3,651.74	1/4	3,289.47	1/4	2,927.20
1/2		1/2		1/2		1/2	5,046.75	1/2	4,715.09	1/2	4,367.51	1/2	4,006.46	1/2	3,644.19	1/2	3,281.92	1/2	2,919.65
3/4		3/4		3/4		3/4	5,039.30	3/4	4,708.04	3/4	4,360.10	3/4	3,998.91	3/4	3,636.64	3/4	3,274.37	3/4	2,912.10
8		8		8		8	5,032.25	8	4,700.94	8	4,352.66	8	3,991.36	8	3,629.09	8	3,266.82	8	2,904.55
1/4		1/4		1/4		1/4	5,025.19	1/4	4,693.85	1/4	4,345.23	1/4	3,983.82	1/4	3,621.55	1/4	3,259.28	1/4	2,897.01
1/2		1/2		1/2		1/2	5,018.14	1/2	4,686.76	1/2	4,337.79	1/2	3,976.27	1/2	3,614.00	1/2	3,251.73	1/2	2,889.46
3/4		3/4		3/4		3/4	5,011.08	3/4	4,679.67	3/4	4,330.36	3/4	3,968.72	3/4	3,606.45	3/4	3,244.18	3/4	2,881.91
9		9		9		9	5,004.37	9	4,672.55	9	4,322.89	9	3,961.18	9	3,598.91	9	3,236.63	9	2,874.36
1/4		1/4		1/4		1/4	4,997.66	1/4	4,665.42	1/4	4,315.42	1/4	3,953.63	1/4	3,591.36	1/4	3,229.09	1/4	2,866.82
1/2		1/2		1/2		1/2	4,990.95	1/2	4,658.30	1/2	4,307.95	1/2	3,946.08	1/2	3,583.81	1/2	3,221.54	1/2	2,859.27
3/4		3/4		3/4		3/4	4,984.24	3/4	4,651.18	3/4	4,300.49	3/4	3,938.53	3/4	3,576.26	3/4	3,213.99	3/4	2,851.72
10		10		10		10	4,977.47	10	4,644.04	10	4,292.99	10	3,930.99	10	3,568.72	10	3,206.45	10	2,844.17
1/4		1/4		1/4		1/4	4,970.69	1/4	4,636.89	1/4	4,285.49	1/4	3,923.44	1/4	3,561.17	1/4	3,198.90	1/4	2,836.63
1/2		1/2		1/2		1/2	4,963.92	1/2	4,629.74	1/2	4,278.00	1/2	3,915.89	1/2	3,553.62	1/2	3,191.35	1/2	2,829.08
3/4		3/4		3/4		3/4	4,957.14	3/4	4,622.59	3/4	4,270.50	3/4	3,908.34	3/4	3,546.07	3/4	3,183.80	3/4	2,821.53
11		11		11		11	4,950.34	11	4,615.41	11	4,262.98	11	3,900.80	11	3,538.53	11	3,176.26	11	2,813.99
1/4		1/4		1/4		1/4	4,943.54	1/4	4,608.24	1/4	4,255.46	1/4	3,893.25	1/4	3,530.98	1/4	3,168.71	1/4	2,806.44
1/2		1/2		1/2		1/2	4,936.74	1/2	4,601.06	1/2	4,247.93	1/2	3,885.70	1/2	3,523.43	1/2	3,161.16	1/2	2,798.89
3/4		3/4		3/4		3/4	4,929.94	3/4	4,593.89	3/4	4,240.41	3/4	3,878.16	3/4	3,515.88	3/4	3,153.61	3/4	2,791.34

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 11'-00" OFF CENTERLINE AND 47'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3011"

1 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-09"

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	2,783.80	0	2,421.45	0	2,059.05	0	1,696.64	0	1,334.24	0	973.80	0	611.82	0	249.43	0		0	
1/4	2,776.25	1/4	2,413.90	1/4	2,051.50	1/4	1,689.09	1/4	1,326.69	1/4	966.30	1/4	604.27	1/4	241.88	1/4		1/4	
1/2	2,768.70	1/2	2,406.35	1/2	2,043.95	1/2	1,681.54	1/2	1,319.14	1/2	958.80	1/2	596.72	1/2	234.33	1/2		1/2	
3/4	2,761.15	3/4	2,398.80	3/4	2,036.40	3/4	1,673.99	3/4	1,311.59	3/4	951.30	3/4	589.18	3/4	226.78	3/4		3/4	
1	2,753.61	1	2,391.25	1	2,028.85	1	1,666.44	1	1,304.04	1	943.80	1	581.63	1	219.23	1		1	
1/4	2,746.06	1/4	2,383.70	1/4	2,021.30	1/4	1,658.89	1/4	1,296.49	1/4	936.30	1/4	574.08	1/4	211.69	1/4		1/4	
1/2	2,738.51	1/2	2,376.15	1/2	2,013.75	1/2	1,651.34	1/2	1,288.94	1/2	928.79	1/2	566.53	1/2	204.14	1/2		1/2	
3/4	2,730.97	3/4	2,368.60	3/4	2,006.20	3/4	1,643.79	3/4	1,281.39	3/4	921.29	3/4	558.98	3/4	196.59	3/4		3/4	
2	2,723.42	2	2,361.05	2	1,998.64	2	1,636.24	2	1,273.86	2	913.76	2	551.43	2	189.04	2		2	
1/4	2,715.87	1/4	2,353.50	1/4	1,991.09	1/4	1,628.69	1/4	1,266.32	1/4	906.23	1/4	543.88	1/4	181.49	1/4		1/4	
1/2	2,708.32	1/2	2,345.95	1/2	1,983.54	1/2	1,621.14	1/2	1,258.79	1/2	898.70	1/2	536.33	1/2	173.94	1/2		1/2	
3/4	2,700.78	3/4	2,338.40	3/4	1,975.99	3/4	1,613.59	3/4	1,251.26	3/4	891.17	3/4	528.78	3/4	166.39	3/4		3/4	
3	2,693.23	3	2,330.85	3	1,968.44	3	1,606.04	3	1,243.76	3	883.62	3	521.23	3	158.84	3		3	
1/4	2,685.68	1/4	2,323.30	1/4	1,960.89	1/4	1,598.49	1/4	1,236.25	1/4	876.07	1/4	513.68	1/4	151.29	1/4		1/4	
1/2	2,678.13	1/2	2,315.75	1/2	1,953.34	1/2	1,590.94	1/2	1,228.75	1/2	868.52	1/2	506.13	1/2	143.74	1/2		1/2	
3/4	2,670.59	3/4	2,308.20	3/4	1,945.79	3/4	1,583.39	3/4	1,221.24	3/4	860.97	3/4	498.58	3/4	136.19	3/4		3/4	
4	2,663.04	4	2,300.65	4	1,938.24	4	1,575.84	4	1,213.75	4	853.42	4	491.03	4	128.64	4		4	
1/4	2,655.49	1/4	2,293.10	1/4	1,930.69	1/4	1,568.29	1/4	1,206.25	1/4	845.87	1/4	483.48	1/4	121.09	1/4		1/4	
1/2	2,647.95	1/2	2,285.55	1/2	1,923.14	1/2	1,560.74	1/2	1,198.75	1/2	838.32	1/2	475.93	1/2	113.54	1/2		1/2	
3/4	2,640.40	3/4	2,278.00	3/4	1,915.59	3/4	1,553.19	3/4	1,191.25	3/4	830.77	3/4	468.38	3/4	105.99	3/4		3/4	
5	2,632.85	5	2,270.45	5	1,908.04	5	1,545.64	5	1,183.75	5	823.22	5	460.83	5	98.75	5		5	
1/4	2,625.30	1/4	2,262.90	1/4	1,900.49	1/4	1,538.09	1/4	1,176.25	1/4	815.67	1/4	453.28	1/4	91.52	1/4		1/4	
1/2	2,617.75	1/2	2,255.35	1/2	1,892.94	1/2	1,530.54	1/2	1,168.76	1/2	808.12	1/2	445.73	1/2	84.28	1/2		1/2	
3/4	2,610.20	3/4	2,247.80	3/4	1,885.39	3/4	1,522.99	3/4	1,161.26	3/4	800.57	3/4	438.18	3/4	77.05	3/4		3/4	
6	2,602.65	6	2,240.25	6	1,877.84	6	1,515.44	6	1,153.76	6	793.02	6	430.63	6	70.76	6		6	
1/4	2,595.10	1/4	2,232.70	1/4	1,870.29	1/4	1,507.89	1/4	1,146.26	1/4	785.47	1/4	423.08	1/4	64.47	1/4		1/4	
1/2	2,587.55	1/2	2,225.15	1/2	1,862.74	1/2	1,500.34	1/2	1,138.76	1/2	777.92	1/2	415.53	1/2	58.17	1/2		1/2	
3/4	2,580.00	3/4	2,217.60	3/4	1,855.19	3/4	1,492.79	3/4	1,131.26	3/4	770.37	3/4	407.98	3/4	51.88	3/4		3/4	
7	2,572.45	7	2,210.05	7	1,847.64	7	1,485.24	7	1,123.77	7	762.82	7	400.43	7	46.85	7		7	
1/4	2,564.90	1/4	2,202.50	1/4	1,840.09	1/4	1,477.69	1/4	1,116.27	1/4	755.27	1/4	392.88	1/4	41.82	1/4		1/4	
1/2	2,557.35	1/2	2,194.95	1/2	1,832.54	1/2	1,470.14	1/2	1,108.77	1/2	747.72	1/2	385.33	1/2	36.79	1/2		1/2	
3/4	2,549.80	3/4	2,187.40	3/4	1,824.99	3/4	1,462.59	3/4	1,101.27	3/4	740.17	3/4	377.78	3/4	31.75	3/4		3/4	
8	2,542.25	8	2,179.85	8	1,817.44	8	1,455.04	8	1,093.77	8	732.62	8	370.23	8	27.98	8		8	
1/4	2,534.70	1/4	2,172.30	1/4	1,809.89	1/4	1,447.49	1/4	1,086.27	1/4	725.07	1/4	362.68	1/4	24.21	1/4		1/4	
1/2	2,527.15	1/2	2,164.75	1/2	1,802.34	1/2	1,439.94	1/2	1,078.78	1/2	717.52	1/2	355.13	1/2	20.43	1/2		1/2	
3/4	2,519.60	3/4	2,157.20	3/4	1,794.79	3/4	1,432.39	3/4	1,071.28	3/4	709.97	3/4	347.58	3/4	16.66	3/4		3/4	
9	2,512.05	9	2,149.65	9	1,787.24	9	1,424.84	9	1,063.78	9	702.42	9	340.03	9	14.15	9		9	
1/4	2,504.50	1/4	2,142.10	1/4	1,779.69	1/4	1,417.29	1/4	1,056.28	1/4	694.87	1/4	332.48	1/4		1/4		1/4	
1/2	2,496.95	1/2	2,134.55	1/2	1,772.14	1/2	1,409.74	1/2	1,048.78	1/2	687.32	1/2	324.93	1/2		1/2		1/2	
3/4	2,489.40	3/4	2,127.00	3/4	1,764.59	3/4	1,402.19	3/4	1,041.28	3/4	679.77	3/4	317.38	3/4		3/4		3/4	
10	2,481.85	10	2,119.45	10	1,757.04	10	1,394.64	10	1,033.79	10	672.22	10	309.83	10		10		10	
1/4	2,474.30	1/4	2,111.90	1/4	1,749.49	1/4	1,387.09	1/4	1,026.29	1/4	664.67	1/4	302.28	1/4		1/4		1/4	
1/2	2,466.75	1/2	2,104.35	1/2	1,741.94	1/2	1,379.54	1/2	1,018.79	1/2	657.12	1/2	294.73	1/2		1/2		1/2	
3/4	2,459.20	3/4	2,096.80	3/4	1,734.39	3/4	1,371.99	3/4	1,011.29	3/4	649.57	3/4	287.18	3/4		3/4		3/4	
11	2,451.65	11	2,089.25	11	1,726.84	11	1,364.44	11	1,003.79	11	642.02	11	279.63	11		11		11	
1/4	2,444.10	1/4	2,081.70	1/4	1,719.29	1/4	1,356.89	1/4	996.29	1/4	634.47	1/4	272.08	1/4		1/4		1/4	
1/2	2,436.55	1/2	2,074.15	1/2	1,711.74	1/2	1,349.34	1/2	988.80	1/2	626.92	1/2	264.53	1/2		1/2		1/2	
3/4	2,429.00	3/4	2,066.60	3/4	1,704.19	3/4	1,341.79	3/4	981.30	3/4	619.37	3/4	256.98	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "HTCO 3011"

2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,241.39	0	4,914.94	0	4,579.20	0	4,226.11	0	3,864.59	0	3,503.06	0	3,141.53
1/4		1/4		1/4		1/4	5,237.07	1/4	4,908.12	1/4	4,572.01	1/4	4,218.58	1/4	3,857.06	1/4	3,495.53	1/4	3,134.00
1/2		1/2		1/2		1/2	5,232.74	1/2	4,901.30	1/2	4,564.82	1/2	4,211.06	1/2	3,849.53	1/2	3,488.00	1/2	3,126.47
3/4		3/4		3/4		3/4	5,228.42	3/4	4,894.49	3/4	4,557.63	3/4	4,203.53	3/4	3,842.00	3/4	3,480.47	3/4	3,118.94
1		1		1		1	5,222.86	1	4,887.64	1	4,550.42	1	4,196.00	1	3,834.47	1	3,472.93	1	3,111.40
1/4		1/4		1/4		1/4	5,217.29	1/4	4,880.79	1/4	4,543.20	1/4	4,188.47	1/4	3,826.93	1/4	3,465.40	1/4	3,103.87
1/2		1/2		1/2		1/2	5,211.73	1/2	4,873.94	1/2	4,535.98	1/2	4,180.93	1/2	3,819.40	1/2	3,457.87	1/2	3,096.34
3/4		3/4		3/4		3/4	5,206.17	3/4	4,867.09	3/4	4,528.77	3/4	4,173.40	3/4	3,811.87	3/4	3,450.34	3/4	3,088.81
2		2		2		2	5,199.44	2	4,860.22	2	4,521.52	2	4,165.87	2	3,804.34	2	3,442.81	2	3,081.28
1/4		1/4		1/4		1/4	5,192.71	1/4	4,853.34	1/4	4,514.27	1/4	4,158.34	1/4	3,796.81	1/4	3,435.28	1/4	3,073.74
1/2		1/2		1/2		1/2	5,185.98	1/2	4,846.47	1/2	4,507.02	1/2	4,150.81	1/2	3,789.27	1/2	3,427.74	1/2	3,066.21
3/4		3/4		3/4		3/4	5,179.26	3/4	4,839.59	3/4	4,499.77	3/4	4,143.27	3/4	3,781.74	3/4	3,420.21	3/4	3,058.68
3		3		3		3	5,171.90	3	4,832.69	3	4,492.49	3	4,135.74	3	3,774.21	3	3,412.68	3	3,051.15
1/4		1/4		1/4		1/4	5,164.55	1/4	4,825.78	1/4	4,485.21	1/4	4,128.21	1/4	3,766.68	1/4	3,405.15	1/4	3,043.62
1/2		1/2		1/2		1/2	5,157.19	1/2	4,818.88	1/2	4,477.94	1/2	4,120.68	1/2	3,759.15	1/2	3,397.62	1/2	3,036.08
3/4		3/4		3/4		3/4	5,149.83	3/4	4,811.97	3/4	4,470.66	3/4	4,113.15	3/4	3,751.61	3/4	3,390.08	3/4	3,028.55
4		4		4		4	5,142.40	4	4,805.04	4	4,463.35	4	4,105.61	4	3,744.08	4	3,382.55	4	3,021.02
1/4		1/4		1/4		1/4	5,134.97	1/4	4,798.11	1/4	4,456.04	1/4	4,098.08	1/4	3,736.55	1/4	3,375.02	1/4	3,013.49
1/2		1/2		1/2		1/2	5,127.53	1/2	4,791.18	1/2	4,448.74	1/2	4,090.55	1/2	3,729.02	1/2	3,367.49	1/2	3,005.96
3/4		3/4		3/4		3/4	5,120.10	3/4	4,784.25	3/4	4,441.43	3/4	4,083.02	3/4	3,721.49	3/4	3,359.96	3/4	2,998.42
5		5		5		5	5,112.67	5	4,777.29	5	4,434.09	5	4,075.49	5	3,713.96	5	3,352.42	5	2,990.89
1/4		1/4		1/4		1/4	5,105.23	1/4	4,770.33	1/4	4,426.76	1/4	4,067.95	1/4	3,706.42	1/4	3,344.89	1/4	2,983.36
1/2		1/2		1/2		1/2	5,097.80	1/2	4,763.37	1/2	4,419.43	1/2	4,060.42	1/2	3,698.89	1/2	3,337.36	1/2	2,975.83
3/4		3/4		3/4		3/4	5,090.37	3/4	4,756.41	3/4	4,412.09	3/4	4,052.89	3/4	3,691.36	3/4	3,329.83	3/4	2,968.30
6		6		6		6	5,082.93	6	4,749.42	6	4,404.73	6	4,045.36	6	3,683.83	6	3,322.30	6	2,960.77
1/4		1/4		1/4		1/4	5,075.50	1/4	4,742.43	1/4	4,397.37	1/4	4,037.83	1/4	3,676.30	1/4	3,314.76	1/4	2,953.23
1/2		1/2		1/2		1/2	5,068.06	1/2	4,735.44	1/2	4,390.00	1/2	4,030.30	1/2	3,668.76	1/2	3,307.23	1/2	2,945.70
3/4		3/4		3/4		3/4	5,060.63	3/4	4,728.45	3/4	4,382.64	3/4	4,022.76	3/4	3,661.23	3/4	3,299.70	3/4	2,938.17
7		7		7		7	5,053.20	7	4,721.42	7	4,375.25	7	4,015.23	7	3,653.70	7	3,292.17	7	2,930.64
1/4		1/4		1/4		1/4	5,045.76	1/4	4,714.38	1/4	4,367.86	1/4	4,007.70	1/4	3,646.17	1/4	3,284.64	1/4	2,923.11
1/2		1/2		1/2		1/2	5,038.33	1/2	4,707.34	1/2	4,360.47	1/2	4,000.17	1/2	3,638.64	1/2	3,277.11	1/2	2,915.57
3/4		3/4		3/4		3/4	5,030.90	3/4	4,700.31	3/4	4,353.08	3/4	3,992.64	3/4	3,631.10	3/4	3,269.57	3/4	2,908.04
8		8		8		8	5,023.86	8	4,693.23	8	4,345.66	8	3,985.10	8	3,623.57	8	3,262.04	8	2,900.51
1/4		1/4		1/4		1/4	5,016.82	1/4	4,686.15	1/4	4,338.24	1/4	3,977.57	1/4	3,616.04	1/4	3,254.51	1/4	2,892.98
1/2		1/2		1/2		1/2	5,009.78	1/2	4,679.07	1/2	4,330.82	1/2	3,970.04	1/2	3,608.51	1/2	3,246.98	1/2	2,885.45
3/4		3/4		3/4		3/4	5,002.74	3/4	4,671.99	3/4	4,323.40	3/4	3,962.51	3/4	3,600.98	3/4	3,239.45	3/4	2,877.91
9		9		9		9	4,996.04	9	4,664.89	9	4,315.94	9	3,954.98	9	3,593.44	9	3,231.91	9	2,870.38
1/4		1/4		1/4		1/4	4,989.34	1/4	4,657.78	1/4	4,308.49	1/4	3,947.44	1/4	3,585.91	1/4	3,224.38	1/4	2,862.85
1/2		1/2		1/2		1/2	4,982.64	1/2	4,650.68	1/2	4,301.04	1/2	3,939.91	1/2	3,578.38	1/2	3,216.85	1/2	2,855.32
3/4		3/4		3/4		3/4	4,975.95	3/4	4,643.57	3/4	4,293.59	3/4	3,932.38	3/4	3,570.85	3/4	3,209.32	3/4	2,847.79
10		10		10		10	4,969.19	10	4,636.44	10	4,286.11	10	3,924.85	10	3,563.32	10	3,201.79	10	2,840.25
1/4		1/4		1/4		1/4	4,962.43	1/4	4,629.30	1/4	4,278.63	1/4	3,917.32	1/4	3,555.79	1/4	3,194.25	1/4	2,832.72
1/2		1/2		1/2		1/2	4,955.66	1/2	4,622.17	1/2	4,271.15	1/2	3,909.78	1/2	3,548.25	1/2	3,186.72	1/2	2,825.19
3/4		3/4		3/4		3/4	4,948.90	3/4	4,615.04	3/4	4,263.67	3/4	3,902.25	3/4	3,540.72	3/4	3,179.19	3/4	2,817.66
11		11		11		11	4,942.12	11	4,607.87	11	4,256.16	11	3,894.72	11	3,533.19	11	3,171.66	11	2,810.13
1/4		1/4		1/4		1/4	4,935.33	1/4	4,600.71	1/4	4,248.65	1/4	3,887.19	1/4	3,525.66	1/4	3,164.13	1/4	2,802.60
1/2		1/2		1/2		1/2	4,928.54	1/2	4,593.55	1/2	4,241.14	1/2	3,879.66	1/2	3,518.13	1/2	3,156.59	1/2	2,795.06
3/4		3/4		3/4		3/4	4,921.76	3/4	4,586.39	3/4	4,233.64	3/4	3,872.13	3/4	3,510.59	3/4	3,149.06	3/4	2,787.53

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 11'-00" OFF CENTERLINE AND 47'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3011"

2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-09"

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	2,780.00	0	2,418.40	0	2,056.73	0	1,695.07	0	1,333.40	0	972.17	0	610.58	0	248.93	0		0	
1/4	2,772.47	1/4	2,410.86	1/4	2,049.20	1/4	1,687.53	1/4	1,325.87	1/4	964.64	1/4	603.04	1/4	241.39	1/4		1/4	
1/2	2,764.94	1/2	2,403.33	1/2	2,041.66	1/2	1,680.00	1/2	1,318.33	1/2	957.12	1/2	595.51	1/2	233.86	1/2		1/2	
3/4	2,757.40	3/4	2,395.79	3/4	2,034.13	3/4	1,672.46	3/4	1,310.80	3/4	949.60	3/4	587.97	3/4	226.32	3/4		3/4	
1	2,749.87	1	2,388.26	1	2,026.59	1	1,664.93	1	1,303.26	1	942.07	1	580.44	1	218.79	1		1	
1/4	2,742.34	1/4	2,380.72	1/4	2,019.06	1/4	1,657.39	1/4	1,295.73	1/4	934.54	1/4	572.90	1/4	211.25	1/4		1/4	
1/2	2,734.81	1/2	2,373.19	1/2	2,011.52	1/2	1,649.86	1/2	1,288.19	1/2	927.02	1/2	565.37	1/2	203.72	1/2		1/2	
3/4	2,727.28	3/4	2,365.65	3/4	2,003.99	3/4	1,642.32	3/4	1,280.66	3/4	919.49	3/4	557.84	3/4	196.18	3/4		3/4	
2	2,719.74	2	2,358.12	2	1,996.45	2	1,634.79	2	1,273.12	2	911.95	2	550.30	2	188.65	2		2	
1/4	2,712.21	1/4	2,350.58	1/4	1,988.92	1/4	1,627.25	1/4	1,265.59	1/4	904.42	1/4	542.77	1/4	181.12	1/4		1/4	
1/2	2,704.68	1/2	2,343.05	1/2	1,981.38	1/2	1,619.72	1/2	1,258.05	1/2	896.88	1/2	535.23	1/2	173.58	1/2		1/2	
3/4	2,697.15	3/4	2,335.52	3/4	1,973.85	3/4	1,612.18	3/4	1,250.52	3/4	889.35	3/4	527.70	3/4	166.05	3/4		3/4	
3	2,689.62	3	2,327.98	3	1,966.31	3	1,604.65	3	1,242.99	3	881.82	3	520.16	3	158.51	3		3	
1/4	2,682.09	1/4	2,320.45	1/4	1,958.78	1/4	1,597.11	1/4	1,235.46	1/4	874.28	1/4	512.63	1/4	150.98	1/4		1/4	
1/2	2,674.55	1/2	2,312.91	1/2	1,951.25	1/2	1,589.58	1/2	1,227.93	1/2	866.75	1/2	505.10	1/2	143.44	1/2		1/2	
3/4	2,667.02	3/4	2,305.38	3/4	1,943.71	3/4	1,582.05	3/4	1,220.40	3/4	859.21	3/4	497.56	3/4	135.91	3/4		3/4	
4	2,659.49	4	2,297.84	4	1,936.18	4	1,574.51	4	1,212.88	4	851.68	4	490.03	4	128.38	4		4	
1/4	2,651.96	1/4	2,290.31	1/4	1,928.64	1/4	1,566.98	1/4	1,205.36	1/4	844.14	1/4	482.49	1/4	120.84	1/4		1/4	
1/2	2,644.43	1/2	2,282.77	1/2	1,921.11	1/2	1,559.44	1/2	1,197.84	1/2	836.61	1/2	474.96	1/2	113.31	1/2		1/2	
3/4	2,636.89	3/4	2,275.24	3/4	1,913.57	3/4	1,551.91	3/4	1,190.32	3/4	829.07	3/4	467.42	3/4	105.77	3/4		3/4	
5	2,629.36	5	2,267.70	5	1,906.04	5	1,544.37	5	1,182.79	5	821.54	5	459.89	5	98.55	5		5	
1/4	2,621.83	1/4	2,260.17	1/4	1,898.50	1/4	1,536.84	1/4	1,175.27	1/4	814.01	1/4	452.35	1/4	91.33	1/4		1/4	
1/2	2,614.30	1/2	2,252.63	1/2	1,890.97	1/2	1,529.30	1/2	1,167.75	1/2	806.47	1/2	444.82	1/2	84.11	1/2		1/2	
3/4	2,606.76	3/4	2,245.10	3/4	1,883.43	3/4	1,521.77	3/4	1,160.23	3/4	798.94	3/4	437.29	3/4	76.89	3/4		3/4	
6	2,599.23	6	2,237.56	6	1,875.90	6	1,514.23	6	1,152.70	6	791.40	6	429.75	6	70.61	6		6	
1/4	2,591.70	1/4	2,230.03	1/4	1,868.36	1/4	1,506.70	1/4	1,145.18	1/4	783.87	1/4	422.22	1/4	64.33	1/4		1/4	
1/2	2,584.16	1/2	2,222.49	1/2	1,860.83	1/2	1,499.16	1/2	1,137.66	1/2	776.33	1/2	414.68	1/2	58.06	1/2		1/2	
3/4	2,576.63	3/4	2,214.96	3/4	1,853.29	3/4	1,491.63	3/4	1,130.14	3/4	768.80	3/4	407.15	3/4	51.78	3/4		3/4	
7	2,569.09	7	2,207.43	7	1,845.76	7	1,484.09	7	1,122.61	7	761.26	7	399.61	7	46.76	7		7	
1/4	2,561.56	1/4	2,199.89	1/4	1,838.23	1/4	1,476.56	1/4	1,115.09	1/4	753.73	1/4	392.08	1/4	41.73	1/4		1/4	
1/2	2,554.02	1/2	2,192.36	1/2	1,830.69	1/2	1,469.02	1/2	1,107.57	1/2	746.20	1/2	384.54	1/2	36.71	1/2		1/2	
3/4	2,546.49	3/4	2,184.82	3/4	1,823.16	3/4	1,461.49	3/4	1,100.05	3/4	738.66	3/4	377.01	3/4	31.69	3/4		3/4	
8	2,538.95	8	2,177.29	8	1,815.62	8	1,453.96	8	1,092.52	8	731.13	8	369.48	8	27.92	8		8	
1/4	2,531.42	1/4	2,169.75	1/4	1,808.09	1/4	1,446.42	1/4	1,085.00	1/4	723.59	1/4	361.94	1/4	24.16	1/4		1/4	
1/2	2,523.88	1/2	2,162.22	1/2	1,800.55	1/2	1,438.89	1/2	1,077.48	1/2	716.06	1/2	354.41	1/2	20.39	1/2		1/2	
3/4	2,516.35	3/4	2,154.68	3/4	1,793.02	3/4	1,431.35	3/4	1,069.96	3/4	708.52	3/4	346.87	3/4	16.63	3/4		3/4	
9	2,508.81	9	2,147.15	9	1,785.48	9	1,423.82	9	1,062.43	9	700.99	9	339.34	9	14.12	9		9	
1/4	2,501.28	1/4	2,139.61	1/4	1,777.95	1/4	1,416.28	1/4	1,054.91	1/4	693.46	1/4	331.80	1/4		1/4		1/4	
1/2	2,493.74	1/2	2,132.08	1/2	1,770.41	1/2	1,408.75	1/2	1,047.39	1/2	685.92	1/2	324.27	1/2		1/2		1/2	
3/4	2,486.21	3/4	2,124.54	3/4	1,762.88	3/4	1,401.21	3/4	1,039.87	3/4	678.39	3/4	316.74	3/4		3/4		3/4	
10	2,478.67	10	2,117.01	10	1,755.34	10	1,393.68	10	1,032.34	10	670.85	10	309.20	10		10		10	
1/4	2,471.14	1/4	2,109.47	1/4	1,747.81	1/4	1,386.14	1/4	1,024.82	1/4	663.32	1/4	301.67	1/4		1/4		1/4	
1/2	2,463.61	1/2	2,101.94	1/2	1,740.27	1/2	1,378.61	1/2	1,017.30	1/2	655.78	1/2	294.13	1/2		1/2		1/2	
3/4	2,456.07	3/4	2,094.40	3/4	1,732.74	3/4	1,371.07	3/4	1,009.78	3/4	648.25	3/4	286.60	3/4		3/4		3/4	
11	2,448.54	11	2,086.87	11	1,725.20	11	1,363.54	11	1,002.26	11	640.71	11	279.06	11		11		11	
1/4	2,441.00	1/4	2,079.34	1/4	1,717.67	1/4	1,356.00	1/4	994.73	1/4	633.18	1/4	271.53	1/4		1/4		1/4	
1/2	2,433.47	1/2	2,071.80	1/2	1,710.14	1/2	1,348.47	1/2	987.21	1/2	625.65	1/2	263.99	1/2		1/2		1/2	
3/4	2,425.93	3/4	2,064.27	3/4	1,702.60	3/4	1,340.93	3/4	979.69	3/4	618.11	3/4	256.46	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "HTCO 3011"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,224.84	0	4,898.43	0	4,562.74	0	4,209.69	0	3,848.22	0	3,486.73	0	3,125.24
1/4		1/4		1/4		1/4	5,220.52	1/4	4,891.62	1/4	4,555.55	1/4	4,202.16	1/4	3,840.69	1/4	3,479.20	1/4	3,117.71
1/2		1/2		1/2		1/2	5,216.20	1/2	4,884.80	1/2	4,548.36	1/2	4,194.64	1/2	3,833.16	1/2	3,471.67	1/2	3,110.18
3/4		3/4		3/4		3/4	5,211.88	3/4	4,877.98	3/4	4,541.17	3/4	4,187.11	3/4	3,825.63	3/4	3,464.14	3/4	3,102.65
1		1		1		1	5,206.31	1	4,871.13	1	4,533.95	1	4,179.58	1	3,818.10	1	3,456.61	1	3,095.12
1/4		1/4		1/4		1/4	5,200.75	1/4	4,864.29	1/4	4,526.74	1/4	4,172.05	1/4	3,810.56	1/4	3,449.08	1/4	3,087.59
1/2		1/2		1/2		1/2	5,195.19	1/2	4,857.44	1/2	4,519.52	1/2	4,164.52	1/2	3,803.03	1/2	3,441.55	1/2	3,080.06
3/4		3/4		3/4		3/4	5,189.62	3/4	4,850.59	3/4	4,512.31	3/4	4,156.99	3/4	3,795.50	3/4	3,434.01	3/4	3,072.53
2		2		2		2	5,182.90	2	4,843.72	2	4,505.06	2	4,149.46	2	3,787.97	2	3,426.48	2	3,065.00
1/4		1/4		1/4		1/4	5,176.17	1/4	4,836.84	1/4	4,497.81	1/4	4,141.93	1/4	3,780.44	1/4	3,418.95	1/4	3,057.46
1/2		1/2		1/2		1/2	5,169.44	1/2	4,829.97	1/2	4,490.56	1/2	4,134.40	1/2	3,772.91	1/2	3,411.42	1/2	3,049.93
3/4		3/4		3/4		3/4	5,162.72	3/4	4,823.09	3/4	4,483.32	3/4	4,126.87	3/4	3,765.38	3/4	3,403.89	3/4	3,042.40
3		3		3		3	5,155.36	3	4,816.19	3	4,476.04	3	4,119.34	3	3,757.85	3	3,396.36	3	3,034.87
1/4		1/4		1/4		1/4	5,148.01	1/4	4,809.29	1/4	4,468.76	1/4	4,111.80	1/4	3,750.32	1/4	3,388.83	1/4	3,027.34
1/2		1/2		1/2		1/2	5,140.65	1/2	4,802.38	1/2	4,461.48	1/2	4,104.27	1/2	3,742.79	1/2	3,381.30	1/2	3,019.81
3/4		3/4		3/4		3/4	5,133.30	3/4	4,795.48	3/4	4,454.20	3/4	4,096.74	3/4	3,735.25	3/4	3,373.77	3/4	3,012.28
4		4		4		4	5,125.87	4	4,788.55	4	4,446.90	4	4,089.21	4	3,727.72	4	3,366.24	4	3,004.75
1/4		1/4		1/4		1/4	5,118.43	1/4	4,781.62	1/4	4,439.59	1/4	4,081.68	1/4	3,720.19	1/4	3,358.70	1/4	2,997.22
1/2		1/2		1/2		1/2	5,111.00	1/2	4,774.69	1/2	4,432.29	1/2	4,074.15	1/2	3,712.66	1/2	3,351.17	1/2	2,989.69
3/4		3/4		3/4		3/4	5,103.57	3/4	4,767.76	3/4	4,424.98	3/4	4,066.62	3/4	3,705.13	3/4	3,343.64	3/4	2,982.15
5		5		5		5	5,096.14	5	4,760.80	5	4,417.65	5	4,059.09	5	3,697.60	5	3,336.11	5	2,974.62
1/4		1/4		1/4		1/4	5,088.70	1/4	4,753.84	1/4	4,410.31	1/4	4,051.56	1/4	3,690.07	1/4	3,328.58	1/4	2,967.09
1/2		1/2		1/2		1/2	5,081.27	1/2	4,746.88	1/2	4,402.98	1/2	4,044.03	1/2	3,682.54	1/2	3,321.05	1/2	2,959.56
3/4		3/4		3/4		3/4	5,073.84	3/4	4,739.93	3/4	4,395.65	3/4	4,036.49	3/4	3,675.01	3/4	3,313.52	3/4	2,952.03
6		6		6		6	5,066.40	6	4,732.94	6	4,388.28	6	4,028.96	6	3,667.48	6	3,305.99	6	2,944.50
1/4		1/4		1/4		1/4	5,058.97	1/4	4,725.95	1/4	4,380.92	1/4	4,021.43	1/4	3,659.94	1/4	3,298.46	1/4	2,936.97
1/2		1/2		1/2		1/2	5,051.54	1/2	4,718.96	1/2	4,373.56	1/2	4,013.90	1/2	3,652.41	1/2	3,290.93	1/2	2,929.44
3/4		3/4		3/4		3/4	5,044.11	3/4	4,711.97	3/4	4,366.20	3/4	4,006.37	3/4	3,644.88	3/4	3,283.39	3/4	2,921.91
7		7		7		7	5,036.67	7	4,704.93	7	4,358.81	7	3,998.84	7	3,637.35	7	3,275.86	7	2,914.38
1/4		1/4		1/4		1/4	5,029.24	1/4	4,697.90	1/4	4,351.42	1/4	3,991.31	1/4	3,629.82	1/4	3,268.33	1/4	2,906.84
1/2		1/2		1/2		1/2	5,021.81	1/2	4,690.86	1/2	4,344.03	1/2	3,983.78	1/2	3,622.29	1/2	3,260.80	1/2	2,899.31
3/4		3/4		3/4		3/4	5,014.38	3/4	4,683.83	3/4	4,336.64	3/4	3,976.25	3/4	3,614.76	3/4	3,253.27	3/4	2,891.78
8		8		8		8	5,007.34	8	4,676.75	8	4,329.22	8	3,968.72	8	3,607.23	8	3,245.74	8	2,884.25
1/4		1/4		1/4		1/4	5,000.30	1/4	4,669.67	1/4	4,321.80	1/4	3,961.18	1/4	3,599.70	1/4	3,238.21	1/4	2,876.72
1/2		1/2		1/2		1/2	4,993.26	1/2	4,662.59	1/2	4,314.38	1/2	3,953.65	1/2	3,592.17	1/2	3,230.68	1/2	2,869.19
3/4		3/4		3/4		3/4	4,986.22	3/4	4,655.52	3/4	4,306.96	3/4	3,946.12	3/4	3,584.63	3/4	3,223.15	3/4	2,861.66
9		9		9		9	4,979.52	9	4,648.41	9	4,299.51	9	3,938.59	9	3,577.10	9	3,215.62	9	2,854.13
1/4		1/4		1/4		1/4	4,972.83	1/4	4,641.31	1/4	4,292.06	1/4	3,931.06	1/4	3,569.57	1/4	3,208.08	1/4	2,846.60
1/2		1/2		1/2		1/2	4,966.13	1/2	4,634.20	1/2	4,284.61	1/2	3,923.53	1/2	3,562.04	1/2	3,200.55	1/2	2,839.07
3/4		3/4		3/4		3/4	4,959.43	3/4	4,627.10	3/4	4,277.16	3/4	3,916.00	3/4	3,554.51	3/4	3,193.02	3/4	2,831.53
10		10		10		10	4,952.67	10	4,619.96	10	4,269.68	10	3,908.47	10	3,546.98	10	3,185.49	10	2,824.00
1/4		1/4		1/4		1/4	4,945.91	1/4	4,612.83	1/4	4,262.20	1/4	3,900.94	1/4	3,539.45	1/4	3,177.96	1/4	2,816.47
1/2		1/2		1/2		1/2	4,939.15	1/2	4,605.70	1/2	4,254.72	1/2	3,893.41	1/2	3,531.92	1/2	3,170.43	1/2	2,808.94
3/4		3/4		3/4		3/4	4,932.39	3/4	4,598.57	3/4	4,247.24	3/4	3,885.87	3/4	3,524.39	3/4	3,162.90	3/4	2,801.41
11		11		11		11	4,925.61	11	4,591.41	11	4,239.73	11	3,878.34	11	3,516.86	11	3,155.37	11	2,793.88
1/4		1/4		1/4		1/4	4,918.82	1/4	4,584.24	1/4	4,232.23	1/4	3,870.81	1/4	3,509.32	1/4	3,147.84	1/4	2,786.35
1/2		1/2		1/2		1/2	4,912.03	1/2	4,577.08	1/2	4,224.72	1/2	3,863.28	1/2	3,501.79	1/2	3,140.31	1/2	2,778.82
3/4		3/4		3/4		3/4	4,905.25	3/4	4,569.92	3/4	4,217.21	3/4	3,855.75	3/4	3,494.26	3/4	3,132.77	3/4	2,771.29

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 11'-00" OFF CENTERLINE AND 47'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3011"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-09"

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	2,763.76	0	2,402.19	0	2,040.57	0	1,678.95	0	1,317.33	0	969.06	0	610.50	0	248.90	0		0	
1/4	2,756.22	1/4	2,394.65	1/4	2,033.03	1/4	1,671.42	1/4	1,309.80	1/4	961.87	1/4	602.97	1/4	241.36	1/4		1/4	
1/2	2,748.69	1/2	2,387.12	1/2	2,025.50	1/2	1,663.88	1/2	1,302.27	1/2	954.68	1/2	595.44	1/2	233.83	1/2		1/2	
3/4	2,741.16	3/4	2,379.58	3/4	2,017.97	3/4	1,656.35	3/4	1,294.73	3/4	947.49	3/4	587.90	3/4	226.30	3/4		3/4	
1	2,733.63	1	2,372.05	1	2,010.43	1	1,648.82	1	1,287.20	1	940.30	1	580.37	1	218.76	1		1	
1/4	2,726.10	1/4	2,364.52	1/4	2,002.90	1/4	1,641.28	1/4	1,279.66	1/4	933.10	1/4	572.84	1/4	211.23	1/4		1/4	
1/2	2,718.57	1/2	2,356.98	1/2	1,995.37	1/2	1,633.75	1/2	1,272.13	1/2	925.91	1/2	565.30	1/2	203.69	1/2		1/2	
3/4	2,711.04	3/4	2,349.45	3/4	1,987.83	3/4	1,626.21	3/4	1,264.60	3/4	918.71	3/4	557.77	3/4	196.16	3/4		3/4	
2	2,703.51	2	2,341.92	2	1,980.30	2	1,618.68	2	1,257.23	2	911.34	2	550.24	2	188.63	2		2	
1/4	2,695.98	1/4	2,334.38	1/4	1,972.76	1/4	1,611.15	1/4	1,249.86	1/4	903.98	1/4	542.70	1/4	181.09	1/4		1/4	
1/2	2,688.45	1/2	2,326.85	1/2	1,965.23	1/2	1,603.61	1/2	1,242.49	1/2	896.61	1/2	535.17	1/2	173.56	1/2		1/2	
3/4	2,680.91	3/4	2,319.32	3/4	1,957.70	3/4	1,596.08	3/4	1,235.12	3/4	889.24	3/4	527.64	3/4	166.03	3/4		3/4	
3	2,673.38	3	2,311.78	3	1,950.16	3	1,588.55	3	1,227.93	3	881.71	3	520.10	3	158.49	3		3	
1/4	2,665.85	1/4	2,304.25	1/4	1,942.63	1/4	1,581.01	1/4	1,220.73	1/4	874.18	1/4	512.57	1/4	150.96	1/4		1/4	
1/2	2,658.32	1/2	2,296.71	1/2	1,935.10	1/2	1,573.48	1/2	1,213.54	1/2	866.64	1/2	505.03	1/2	143.43	1/2		1/2	
3/4	2,650.79	3/4	2,289.18	3/4	1,927.56	3/4	1,565.95	3/4	1,206.34	3/4	859.11	3/4	497.50	3/4	135.89	3/4		3/4	
4	2,643.26	4	2,281.65	4	1,920.03	4	1,558.41	4	1,199.15	4	851.58	4	489.97	4	128.36	4		4	
1/4	2,635.73	1/4	2,274.11	1/4	1,912.50	1/4	1,550.88	1/4	1,191.96	1/4	844.04	1/4	482.43	1/4	120.83	1/4		1/4	
1/2	2,628.20	1/2	2,266.58	1/2	1,904.96	1/2	1,543.34	1/2	1,184.77	1/2	836.51	1/2	474.90	1/2	113.29	1/2		1/2	
3/4	2,620.67	3/4	2,259.05	3/4	1,897.43	3/4	1,535.81	3/4	1,177.58	3/4	828.98	3/4	467.37	3/4	105.76	3/4		3/4	
5	2,613.13	5	2,251.51	5	1,889.89	5	1,528.28	5	1,170.39	5	821.44	5	459.83	5	98.54	5		5	
1/4	2,605.60	1/4	2,243.98	1/4	1,882.36	1/4	1,520.74	1/4	1,163.20	1/4	813.91	1/4	452.30	1/4	91.32	1/4		1/4	
1/2	2,598.06	1/2	2,236.44	1/2	1,874.83	1/2	1,513.21	1/2	1,156.01	1/2	806.37	1/2	444.77	1/2	84.10	1/2		1/2	
3/4	2,590.53	3/4	2,228.91	3/4	1,867.29	3/4	1,505.68	3/4	1,148.82	3/4	798.84	3/4	437.23	3/4	76.88	3/4		3/4	
6	2,582.99	6	2,221.38	6	1,859.76	6	1,498.14	6	1,141.63	6	791.31	6	429.70	6	70.60	6		6	
1/4	2,575.46	1/4	2,213.84	1/4	1,852.23	1/4	1,490.61	1/4	1,134.44	1/4	783.77	1/4	422.17	1/4	64.33	1/4		1/4	
1/2	2,567.93	1/2	2,206.31	1/2	1,844.69	1/2	1,483.07	1/2	1,127.25	1/2	776.24	1/2	414.63	1/2	58.05	1/2		1/2	
3/4	2,560.39	3/4	2,198.78	3/4	1,837.16	3/4	1,475.54	3/4	1,120.06	3/4	768.71	3/4	407.10	3/4	51.77	3/4		3/4	
7	2,552.86	7	2,191.24	7	1,829.62	7	1,468.01	7	1,112.87	7	761.17	7	399.57	7	46.75	7		7	
1/4	2,545.33	1/4	2,183.71	1/4	1,822.09	1/4	1,460.47	1/4	1,105.68	1/4	753.64	1/4	392.03	1/4	41.73	1/4		1/4	
1/2	2,537.79	1/2	2,176.17	1/2	1,814.56	1/2	1,452.94	1/2	1,098.49	1/2	746.11	1/2	384.50	1/2	36.71	1/2		1/2	
3/4	2,530.26	3/4	2,168.64	3/4	1,807.02	3/4	1,445.41	3/4	1,091.30	3/4	738.57	3/4	376.97	3/4	31.69	3/4		3/4	
8	2,522.72	8	2,161.11	8	1,799.49	8	1,437.87	8	1,084.11	8	731.04	8	369.43	8	27.92	8		8	
1/4	2,515.19	1/4	2,153.57	1/4	1,791.96	1/4	1,430.34	1/4	1,076.92	1/4	723.51	1/4	361.90	1/4	24.16	1/4		1/4	
1/2	2,507.66	1/2	2,146.04	1/2	1,784.42	1/2	1,422.80	1/2	1,069.73	1/2	715.97	1/2	354.36	1/2	20.39	1/2		1/2	
3/4	2,500.12	3/4	2,138.51	3/4	1,776.89	3/4	1,415.27	3/4	1,062.54	3/4	708.44	3/4	346.83	3/4	16.62	3/4		3/4	
9	2,492.59	9	2,130.97	9	1,769.35	9	1,407.74	9	1,055.35	9	700.91	9	339.30	9	14.12	9		9	
1/4	2,485.06	1/4	2,123.44	1/4	1,761.82	1/4	1,400.20	1/4	1,048.16	1/4	693.37	1/4	331.76	1/4		1/4		1/4	
1/2	2,477.52	1/2	2,115.91	1/2	1,754.29	1/2	1,392.67	1/2	1,040.97	1/2	685.84	1/2	324.23	1/2		1/2		1/2	
3/4	2,469.99	3/4	2,108.37	3/4	1,746.75	3/4	1,385.14	3/4	1,033.78	3/4	678.31	3/4	316.70	3/4		3/4		3/4	
10	2,462.46	10	2,100.84	10	1,739.22	10	1,377.60	10	1,026.59	10	670.77	10	309.16	10		10		10	
1/4	2,454.92	1/4	2,093.30	1/4	1,731.69	1/4	1,370.07	1/4	1,019.40	1/4	663.24	1/4	301.63	1/4		1/4		1/4	
1/2	2,447.39	1/2	2,085.77	1/2	1,724.15	1/2	1,362.54	1/2	1,012.21	1/2	655.70	1/2	294.10	1/2		1/2		1/2	
3/4	2,439.85	3/4	2,078.24	3/4	1,716.62	3/4	1,355.00	3/4	1,005.02	3/4	648.17	3/4	286.56	3/4		3/4		3/4	
11	2,432.32	11	2,070.70	11	1,709.09	11	1,347.47	11	997.83	11	640.64	11	279.03	11		11		11	
1/4	2,424.79	1/4	2,063.17	1/4	1,701.55	1/4	1,339.93	1/4	990.64	1/4	633.10	1/4	271.50	1/4		1/4		1/4	
1/2	2,417.25	1/2	2,055.64	1/2	1,694.02	1/2	1,332.40	1/2	983.45	1/2	625.57	1/2	263.96	1/2		1/2		1/2	
3/4	2,409.72	3/4	2,048.10	3/4	1,686.48	3/4	1,324.87	3/4	976.26	3/4	618.04	3/4	256.43	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "HTCO 3011"

**3 PORT
ULLAGE TABLE**

**HERMETIC
GAUGE HEIGHT 17'-09"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,411.61	0	4,246.17	0	4,066.47	0	3,877.56	0	3,684.16	0	3,480.47	0	3,122.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,410.74	1/4	4,245.22	1/4	4,065.53	1/4	3,876.63	1/4	3,683.21	1/4	3,479.54	1/4	3,119.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,409.87	1/2	4,238.87	1/2	4,058.78	1/2	3,869.51	1/2	3,676.10	1/2	3,465.56	1/2	3,107.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,409.00	3/4	4,235.22	3/4	4,054.93	3/4	3,865.49	3/4	3,672.08	3/4	3,458.10	3/4	3,100.44
1		1		1		1	4,406.89	1	4,231.56	1	4,051.07	1	3,861.46	1	3,668.05	1	3,455.64	1	3,092.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,404.78	1/4	4,227.89	1/4	4,047.21	1/4	3,857.43	1/4	3,664.02	1/4	3,443.19	1/4	3,085.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,402.66	1/2	4,224.22	1/2	4,043.35	1/2	3,853.40	1/2	3,659.99	1/2	3,435.73	1/2	3,078.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,400.55	3/4	4,220.56	3/4	4,039.49	3/4	3,849.37	3/4	3,655.96	3/4	3,428.27	3/4	3,070.53
2		2		2		2	4,397.28	2	4,216.88	2	4,035.61	2	3,845.34	2	3,651.93	2	3,424.82	2	3,063.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,394.00	1/4	4,213.20	1/4	4,031.73	1/4	3,841.31	1/4	3,647.90	1/4	3,413.36	1/4	3,055.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,390.73	1/2	4,209.51	1/2	4,027.85	1/2	3,837.28	1/2	3,643.87	1/2	3,405.90	1/2	3,048.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,387.45	3/4	4,205.83	3/4	4,023.97	3/4	3,833.25	3/4	3,639.84	3/4	3,398.45	3/4	3,040.63
3		3		3		3	4,383.55	3	4,202.14	3	4,020.08	3	3,829.22	3	3,635.81	3	3,393.99	3	3,033.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,379.65	1/4	4,198.44	1/4	4,016.18	1/4	3,825.19	1/4	3,631.78	1/4	3,383.53	1/4	3,025.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,375.75	1/2	4,194.75	1/2	4,012.29	1/2	3,821.16	1/2	3,627.75	1/2	3,376.08	1/2	3,018.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,371.85	3/4	4,191.05	3/4	4,008.39	3/4	3,817.13	3/4	3,623.72	3/4	3,368.62	3/4	3,010.73
4		4		4		4	4,367.88	4	4,187.34	4	4,004.48	4	3,813.10	4	3,619.69	4	3,361.16	4	3,003.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,363.90	1/4	4,183.63	1/4	4,000.58	1/4	3,809.07	1/4	3,615.66	1/4	3,353.70	1/4	2,995.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,359.92	1/2	4,179.92	1/2	3,996.67	1/2	3,805.05	1/2	3,611.63	1/2	3,346.25	1/2	2,988.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,355.95	3/4	4,176.21	3/4	3,992.76	3/4	3,801.02	3/4	3,607.60	3/4	3,338.79	3/4	2,980.83
5		5		5		5	4,351.97	5	4,172.48	5	3,988.83	5	3,796.99	5	3,603.58	5	3,331.34	5	2,973.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,347.99	1/4	4,168.76	1/4	3,984.91	1/4	3,792.96	1/4	3,599.55	1/4	3,323.89	1/4	2,965.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,344.02	1/2	4,165.03	1/2	3,980.98	1/2	3,788.93	1/2	3,595.52	1/2	3,316.44	1/2	2,958.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,340.04	3/4	4,161.31	3/4	3,977.06	3/4	3,784.90	3/4	3,591.49	3/4	3,309.00	3/4	2,950.93
6		6		6		6	4,336.07	6	4,157.57	6	3,973.12	6	3,780.87	6	3,587.46	6	3,301.55	6	2,943.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,332.09	1/4	4,153.82	1/4	3,969.18	1/4	3,776.84	1/4	3,583.43	1/4	3,294.11	1/4	2,935.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,328.11	1/2	4,150.08	1/2	3,965.24	1/2	3,772.81	1/2	3,579.40	1/2	3,286.67	1/2	2,928.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,324.14	3/4	4,146.34	3/4	3,961.30	3/4	3,768.78	3/4	3,575.37	3/4	3,279.23	3/4	2,921.02
7		7		7		7	4,320.16	7	4,142.57	7	3,957.35	7	3,764.75	7	3,571.34	7	3,271.79	7	2,913.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,316.18	1/4	4,138.81	1/4	3,953.40	1/4	3,760.72	1/4	3,567.31	1/4	3,264.35	1/4	2,906.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,312.21	1/2	4,135.04	1/2	3,949.44	1/2	3,756.69	1/2	3,563.28	1/2	3,256.91	1/2	2,898.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,308.23	3/4	4,131.28	3/4	3,945.49	3/4	3,752.66	3/4	3,559.25	3/4	3,249.47	3/4	2,891.12
8		8		8		8	4,304.46	8	4,127.49	8	3,941.52	8	3,748.63	8	3,555.22	8	3,242.02	8	2,883.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,300.70	1/4	4,123.70	1/4	3,937.55	1/4	3,744.60	1/4	3,551.19	1/4	3,234.58	1/4	2,876.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,296.93	1/2	4,119.91	1/2	3,933.58	1/2	3,740.58	1/2	3,547.16	1/2	3,227.14	1/2	2,868.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,293.16	3/4	4,116.13	3/4	3,929.61	3/4	3,736.55	3/4	3,543.13	3/4	3,219.70	3/4	2,861.22
9		9		9		9	4,289.58	9	4,112.32	9	3,925.62	9	3,732.52	9	3,539.11	9	3,212.26	9	2,853.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,285.99	1/4	4,108.52	1/4	3,921.63	1/4	3,728.49	1/4	3,535.08	1/4	3,204.82	1/4	2,846.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,282.41	1/2	4,104.72	1/2	3,917.65	1/2	3,724.46	1/2	3,531.05	1/2	3,197.38	1/2	2,838.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,278.83	3/4	4,100.92	3/4	3,913.66	3/4	3,720.43	3/4	3,527.02	3/4	3,189.93	3/4	2,831.32
10		10		10		10	4,275.21	10	4,097.10	10	3,909.66	10	3,716.40	10	3,522.99	10	3,182.49	10	2,823.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,271.59	1/4	4,093.28	1/4	3,905.66	1/4	3,712.37	1/4	3,518.96	1/4	3,175.05	1/4	2,816.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,267.97	1/2	4,089.46	1/2	3,901.65	1/2	3,708.34	1/2	3,514.93	1/2	3,167.61	1/2	2,808.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,264.35	3/4	4,085.65	3/4	3,897.65	3/4	3,704.31	3/4	3,510.90	3/4	3,160.17	3/4	2,801.42
11		11		11		11	4,260.72	11	4,081.82	11	3,893.64	11	3,700.28	11	3,505.16	11	3,152.71	11	2,793.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,257.09	1/4	4,077.98	1/4	3,889.62	1/4	3,696.25	1/4	3,499.41	1/4	3,145.25	1/4	2,786.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,253.45	1/2	4,074.15	1/2	3,885.60	1/2	3,692.22	1/2	3,493.67	1/2	3,137.80	1/2	2,778.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,249.82	3/4	4,070.32	3/4	3,881.59	3/4	3,688.19	3/4	3,487.93	3/4	3,130.34	3/4	2,771.49

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 11'-00" OFF CENTERLINE AND 60'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3011"

3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-09"

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	2,764.00	0	2,404.52	0	2,045.02	0	1,685.44	0	1,325.85	0	966.57	0	607.07	0	247.50	0		0	
1/4	2,756.51	1/4	2,397.03	1/4	2,037.53	1/4	1,677.95	1/4	1,318.36	1/4	959.09	1/4	599.58	1/4	240.01	1/4		1/4	
1/2	2,749.02	1/2	2,389.55	1/2	2,030.04	1/2	1,670.46	1/2	1,310.87	1/2	951.61	1/2	592.09	1/2	232.52	1/2		1/2	
3/4	2,741.53	3/4	2,382.06	3/4	2,022.55	3/4	1,662.97	3/4	1,303.38	3/4	944.13	3/4	584.60	3/4	225.03	3/4		3/4	
1	2,734.04	1	2,374.57	1	2,015.06	1	1,655.47	1	1,295.89	1	936.64	1	577.11	1	217.53	1		1	
1/4	2,726.55	1/4	2,367.08	1/4	2,007.57	1/4	1,647.98	1/4	1,288.40	1/4	929.16	1/4	569.62	1/4	210.04	1/4		1/4	
1/2	2,719.06	1/2	2,359.59	1/2	2,000.08	1/2	1,640.49	1/2	1,280.90	1/2	921.68	1/2	562.13	1/2	202.55	1/2		1/2	
3/4	2,711.58	3/4	2,352.10	3/4	1,992.59	3/4	1,633.00	3/4	1,273.41	3/4	914.19	3/4	554.63	3/4	195.06	3/4		3/4	
2	2,704.09	2	2,344.61	2	1,985.10	2	1,625.51	2	1,265.92	2	906.71	2	547.14	2	187.57	2		2	
1/4	2,696.60	1/4	2,337.12	1/4	1,977.60	1/4	1,618.02	1/4	1,258.43	1/4	899.22	1/4	539.65	1/4	180.08	1/4		1/4	
1/2	2,689.11	1/2	2,329.63	1/2	1,970.11	1/2	1,610.53	1/2	1,250.94	1/2	891.73	1/2	532.16	1/2	172.59	1/2		1/2	
3/4	2,681.62	3/4	2,322.14	3/4	1,962.62	3/4	1,603.03	3/4	1,243.45	3/4	884.24	3/4	524.67	3/4	165.10	3/4		3/4	
3	2,674.14	3	2,314.65	3	1,955.13	3	1,595.54	3	1,235.96	3	876.75	3	517.18	3	157.61	3		3	
1/4	2,666.65	1/4	2,307.16	1/4	1,947.64	1/4	1,588.05	1/4	1,228.47	1/4	869.26	1/4	509.69	1/4	150.12	1/4		1/4	
1/2	2,659.16	1/2	2,299.67	1/2	1,940.15	1/2	1,580.56	1/2	1,220.98	1/2	861.77	1/2	502.20	1/2	142.62	1/2		1/2	
3/4	2,651.67	3/4	2,292.18	3/4	1,932.66	3/4	1,573.07	3/4	1,213.49	3/4	854.28	3/4	494.71	3/4	135.13	3/4		3/4	
4	2,644.18	4	2,284.69	4	1,925.17	4	1,565.58	4	1,206.00	4	846.79	4	487.21	4	127.64	4		4	
1/4	2,636.70	1/4	2,277.20	1/4	1,917.67	1/4	1,558.09	1/4	1,198.52	1/4	839.30	1/4	479.72	1/4	120.15	1/4		1/4	
1/2	2,629.21	1/2	2,269.71	1/2	1,910.18	1/2	1,550.60	1/2	1,191.03	1/2	831.81	1/2	472.23	1/2	112.66	1/2		1/2	
3/4	2,621.72	3/4	2,262.22	3/4	1,902.69	3/4	1,543.10	3/4	1,183.55	3/4	824.31	3/4	464.74	3/4	105.17	3/4		3/4	
5	2,614.23	5	2,254.73	5	1,895.20	5	1,535.61	5	1,176.07	5	816.82	5	457.25	5	97.99	5		5	
1/4	2,606.74	1/4	2,247.24	1/4	1,887.71	1/4	1,528.12	1/4	1,168.59	1/4	809.33	1/4	449.76	1/4	90.81	1/4		1/4	
1/2	2,599.25	1/2	2,239.75	1/2	1,880.22	1/2	1,520.63	1/2	1,161.10	1/2	801.84	1/2	442.27	1/2	83.63	1/2		1/2	
3/4	2,591.76	3/4	2,232.26	3/4	1,872.73	3/4	1,513.14	3/4	1,153.62	3/4	794.35	3/4	434.78	3/4	76.45	3/4		3/4	
6	2,584.27	6	2,224.77	6	1,865.23	6	1,505.65	6	1,146.14	6	786.86	6	427.29	6	70.21	6		6	
1/4	2,576.79	1/4	2,217.28	1/4	1,857.74	1/4	1,498.16	1/4	1,138.66	1/4	779.37	1/4	419.79	1/4	63.97	1/4		1/4	
1/2	2,569.30	1/2	2,209.79	1/2	1,850.25	1/2	1,490.66	1/2	1,131.18	1/2	771.88	1/2	412.30	1/2	57.73	1/2		1/2	
3/4	2,561.81	3/4	2,202.31	3/4	1,842.76	3/4	1,483.17	3/4	1,123.69	3/4	764.39	3/4	404.81	3/4	51.48	3/4		3/4	
7	2,554.32	7	2,194.82	7	1,835.27	7	1,475.68	7	1,116.21	7	756.89	7	397.32	7	46.49	7		7	
1/4	2,546.83	1/4	2,187.33	1/4	1,827.78	1/4	1,468.19	1/4	1,108.73	1/4	749.40	1/4	389.83	1/4	41.50	1/4		1/4	
1/2	2,539.34	1/2	2,179.84	1/2	1,820.29	1/2	1,460.70	1/2	1,101.25	1/2	741.91	1/2	382.34	1/2	36.50	1/2		1/2	
3/4	2,531.85	3/4	2,172.35	3/4	1,812.79	3/4	1,453.21	3/4	1,093.77	3/4	734.42	3/4	374.85	3/4	31.51	3/4		3/4	
8	2,524.36	8	2,164.86	8	1,805.30	8	1,445.72	8	1,086.28	8	726.93	8	367.36	8	27.77	8		8	
1/4	2,516.87	1/4	2,157.37	1/4	1,797.81	1/4	1,438.22	1/4	1,078.80	1/4	719.44	1/4	359.87	1/4	24.02	1/4		1/4	
1/2	2,509.38	1/2	2,149.88	1/2	1,790.32	1/2	1,430.73	1/2	1,071.32	1/2	711.95	1/2	352.37	1/2	20.28	1/2		1/2	
3/4	2,501.89	3/4	2,142.39	3/4	1,782.83	3/4	1,423.24	3/4	1,063.84	3/4	704.46	3/4	344.88	3/4	16.53	3/4		3/4	
9	2,494.40	9	2,134.90	9	1,775.34	9	1,415.75	9	1,056.36	9	696.97	9	337.39	9	14.04	9		9	
1/4	2,486.91	1/4	2,127.41	1/4	1,767.85	1/4	1,408.26	1/4	1,048.87	1/4	689.47	1/4	329.90	1/4		1/4		1/4	
1/2	2,479.42	1/2	2,119.92	1/2	1,760.35	1/2	1,400.77	1/2	1,041.39	1/2	681.98	1/2	322.41	1/2		1/2		1/2	
3/4	2,471.93	3/4	2,112.43	3/4	1,752.86	3/4	1,393.28	3/4	1,033.91	3/4	674.49	3/4	314.92	3/4		3/4		3/4	
10	2,464.44	10	2,104.94	10	1,745.37	10	1,385.78	10	1,026.43	10	667.00	10	307.43	10		10		10	
1/4	2,456.95	1/4	2,097.45	1/4	1,737.88	1/4	1,378.29	1/4	1,018.95	1/4	659.51	1/4	299.94	1/4		1/4		1/4	
1/2	2,449.46	1/2	2,089.96	1/2	1,730.39	1/2	1,370.80	1/2	1,011.46	1/2	652.02	1/2	292.45	1/2		1/2		1/2	
3/4	2,441.97	3/4	2,082.47	3/4	1,722.90	3/4	1,363.31	3/4	1,003.98	3/4	644.53	3/4	284.95	3/4		3/4		3/4	
11	2,434.48	11	2,074.98	11	1,715.41	11	1,355.82	11	996.50	11	637.04	11	277.46	11		11		11	
1/4	2,426.99	1/4	2,067.49	1/4	1,707.91	1/4	1,348.33	1/4	989.02	1/4	629.55	1/4	269.97	1/4		1/4		1/4	
1/2	2,419.50	1/2	2,060.00	1/2	1,700.42	1/2	1,340.84	1/2	981.54	1/2	622.05	1/2	262.48	1/2		1/2		1/2	
3/4	2,412.01	3/4	2,052.51	3/4	1,692.93	3/4	1,333.34	3/4	974.05	3/4	614.56	3/4	254.99	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "HTCO 3011"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 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	4,221.53	0	4,042.77	0	3,854.77	0	3,662.11	0	3,462.59	0	3,105.76
1/4		1/4		1/4		1/4	4,382.60	1/4	4,217.90	1/4	4,038.94	1/4	3,850.76	1/4	3,658.10	1/4	3,455.15	1/4	3,098.30
1/2		1/2		1/2		1/2	4,381.74	1/2	4,214.26	1/2	4,035.10	1/2	3,846.75	1/2	3,654.09	1/2	3,447.71	1/2	3,090.84
3/4		3/4		3/4		3/4	4,380.89	3/4	4,210.63	3/4	4,031.27	3/4	3,842.74	3/4	3,650.07	3/4	3,440.27	3/4	3,083.38
1		1		1		1	4,206.03	1	4,206.99	1	4,027.44	1	3,838.73	1	3,646.06	1	3,432.82	1	3,075.92
1/4		1/4		1/4		1/4	4,377.94	1/4	4,203.34	1/4	4,023.60	1/4	3,834.72	1/4	3,642.04	1/4	3,425.38	1/4	3,068.46
1/2		1/2		1/2		1/2	4,375.84	1/2	4,199.69	1/2	4,019.75	1/2	3,830.70	1/2	3,638.03	1/2	3,417.94	1/2	3,061.01
3/4		3/4		3/4		3/4	4,373.74	3/4	4,196.04	3/4	4,015.90	3/4	3,826.69	3/4	3,634.02	3/4	3,410.50	3/4	3,053.55
2		2		2		2	4,371.65	2	4,192.39	2	4,012.06	2	3,822.67	2	3,630.00	2	3,403.06	2	3,046.09
1/4		1/4		1/4		1/4	4,368.39	1/4	4,188.73	1/4	4,008.19	1/4	3,818.66	1/4	3,625.99	1/4	3,395.62	1/4	3,038.64
1/2		1/2		1/2		1/2	4,365.13	1/2	4,185.06	1/2	4,004.33	1/2	3,814.65	1/2	3,621.97	1/2	3,388.18	1/2	3,031.19
3/4		3/4		3/4		3/4	4,361.87	3/4	4,181.39	3/4	4,000.47	3/4	3,810.63	3/4	3,617.96	3/4	3,380.74	3/4	3,023.74
3		3		3		3	4,358.61	3	4,177.73	3	3,996.61	3	3,806.62	3	3,613.95	3	3,373.30	3	3,016.29
1/4		1/4		1/4		1/4	4,354.72	1/4	4,174.05	1/4	3,992.73	1/4	3,802.60	1/4	3,609.93	1/4	3,365.86	1/4	3,008.83
1/2		1/2		1/2		1/2	4,350.84	1/2	4,170.37	1/2	3,988.85	1/2	3,798.59	1/2	3,605.92	1/2	3,358.41	1/2	3,001.38
3/4		3/4		3/4		3/4	4,346.96	3/4	4,166.69	3/4	3,984.97	3/4	3,794.58	3/4	3,601.90	3/4	3,350.97	3/4	2,993.93
4		4		4		4	4,343.07	4	4,163.01	4	3,981.09	4	3,790.56	4	3,597.89	4	3,343.53	4	2,986.48
1/4		1/4		1/4		1/4	4,339.11	1/4	4,159.31	1/4	3,977.19	1/4	3,786.55	1/4	3,593.88	1/4	3,336.09	1/4	2,979.02
1/2		1/2		1/2		1/2	4,335.15	1/2	4,155.62	1/2	3,973.30	1/2	3,782.53	1/2	3,589.86	1/2	3,328.65	1/2	2,971.57
3/4		3/4		3/4		3/4	4,331.19	3/4	4,151.92	3/4	3,969.41	3/4	3,778.52	3/4	3,585.85	3/4	3,321.21	3/4	2,964.12
5		5		5		5	4,327.23	5	4,148.23	5	3,965.51	5	3,774.51	5	3,581.83	5	3,313.77	5	2,956.67
1/4		1/4		1/4		1/4	4,323.27	1/4	4,144.52	1/4	3,961.60	1/4	3,770.49	1/4	3,577.82	1/4	3,306.34	1/4	2,949.22
1/2		1/2		1/2		1/2	4,319.31	1/2	4,140.81	1/2	3,957.69	1/2	3,766.48	1/2	3,573.81	1/2	3,298.90	1/2	2,941.76
3/4		3/4		3/4		3/4	4,315.35	3/4	4,137.10	3/4	3,953.78	3/4	3,762.46	3/4	3,569.79	3/4	3,291.47	3/4	2,934.31
6		6		6		6	4,311.39	6	4,133.39	6	3,949.88	6	3,758.45	6	3,565.78	6	3,284.04	6	2,926.86
1/4		1/4		1/4		1/4	4,307.42	1/4	4,129.66	1/4	3,945.95	1/4	3,754.44	1/4	3,561.76	1/4	3,276.61	1/4	2,919.41
1/2		1/2		1/2		1/2	4,303.46	1/2	4,125.93	1/2	3,942.03	1/2	3,750.42	1/2	3,557.75	1/2	3,269.18	1/2	2,911.95
3/4		3/4		3/4		3/4	4,299.50	3/4	4,122.21	3/4	3,938.10	3/4	3,746.41	3/4	3,553.74	3/4	3,261.76	3/4	2,904.50
7		7		7		7	4,295.54	7	4,118.48	7	3,934.18	7	3,742.39	7	3,549.72	7	3,254.33	7	2,897.05
1/4		1/4		1/4		1/4	4,291.58	1/4	4,114.73	1/4	3,930.24	1/4	3,738.38	1/4	3,545.71	1/4	3,246.91	1/4	2,889.59
1/2		1/2		1/2		1/2	4,287.62	1/2	4,110.98	1/2	3,926.30	1/2	3,734.37	1/2	3,541.69	1/2	3,239.48	1/2	2,882.14
3/4		3/4		3/4		3/4	4,283.66	3/4	4,107.23	3/4	3,922.37	3/4	3,730.35	3/4	3,537.68	3/4	3,232.06	3/4	2,874.68
8		8		8		8	4,279.70	8	4,103.48	8	3,918.43	8	3,726.34	8	3,533.67	8	3,224.63	8	2,867.23
1/4		1/4		1/4		1/4	4,275.95	1/4	4,099.71	1/4	3,914.47	1/4	3,722.32	1/4	3,529.65	1/4	3,217.21	1/4	2,859.77
1/2		1/2		1/2		1/2	4,272.19	1/2	4,095.93	1/2	3,910.52	1/2	3,718.31	1/2	3,525.64	1/2	3,209.78	1/2	2,852.31
3/4		3/4		3/4		3/4	4,268.44	3/4	4,092.16	3/4	3,906.56	3/4	3,714.30	3/4	3,521.62	3/4	3,202.36	3/4	2,844.85
9		9		9		9	4,264.69	9	4,088.39	9	3,902.61	9	3,710.28	9	3,517.61	9	3,194.93	9	2,837.39
1/4		1/4		1/4		1/4	4,261.12	1/4	4,084.60	1/4	3,898.64	1/4	3,706.27	1/4	3,513.60	1/4	3,187.50	1/4	2,829.93
1/2		1/2		1/2		1/2	4,257.55	1/2	4,080.82	1/2	3,894.66	1/2	3,702.25	1/2	3,509.58	1/2	3,180.08	1/2	2,822.47
3/4		3/4		3/4		3/4	4,253.98	3/4	4,077.03	3/4	3,890.69	3/4	3,698.24	3/4	3,505.57	3/4	3,172.65	3/4	2,815.01
10		10		10		10	4,250.42	10	4,073.24	10	3,886.72	10	3,694.23	10	3,501.55	10	3,165.23	10	2,807.55
1/4		1/4		1/4		1/4	4,246.81	1/4	4,069.44	1/4	3,882.73	1/4	3,690.21	1/4	3,497.54	1/4	3,157.80	1/4	2,800.09
1/2		1/2		1/2		1/2	4,243.21	1/2	4,065.64	1/2	3,878.75	1/2	3,686.20	1/2	3,493.53	1/2	3,150.38	1/2	2,792.63
3/4		3/4		3/4		3/4	4,239.61	3/4	4,061.84	3/4	3,874.76	3/4	3,682.18	3/4	3,489.51	3/4	3,142.95	3/4	2,785.17
11		11		11		11	4,236.00	11	4,058.03	11	3,870.78	11	3,678.17	11	3,485.50	11	3,135.53	11	2,777.71
1/4		1/4		1/4		1/4	4,232.39	1/4	4,054.22	1/4	3,866.77	1/4	3,674.16	1/4	3,479.77	1/4	3,128.08	1/4	2,770.24
1/2		1/2		1/2		1/2	4,228.77	1/2	4,050.40	1/2	3,862.77	1/2	3,670.14	1/2	3,474.04	1/2	3,120.64	1/2	2,762.78
3/4		3/4		3/4		3/4	4,225.15	3/4	4,046.58	3/4	3,858.77	3/4	3,666.13	3/4	3,468.32	3/4	3,113.20	3/4	2,755.31

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 11'-00" OFF CENTERLINE AND 60'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3011"

3 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 17'-09 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	2,747.84	0	2,389.13	0	2,030.39	0	1,671.56	0	1,314.09	0	965.43	0	613.50	0	254.57	0		0	
1/4	2,740.37	1/4	2,381.65	1/4	2,022.91	1/4	1,664.09	1/4	1,306.68	1/4	958.29	1/4	606.02	1/4	247.09	1/4		1/4	
1/2	2,732.90	1/2	2,374.18	1/2	2,015.44	1/2	1,656.61	1/2	1,299.26	1/2	951.15	1/2	598.54	1/2	239.61	1/2		1/2	
3/4	2,725.42	3/4	2,366.71	3/4	2,007.96	3/4	1,649.13	3/4	1,291.85	3/4	944.01	3/4	591.06	3/4	232.13	3/4		3/4	
1	2,717.95	1	2,359.23	1	2,000.49	1	1,641.66	1	1,284.43	1	936.87	1	583.59	1	224.66	1		1	
1/4	2,710.48	1/4	2,351.76	1/4	1,993.01	1/4	1,634.18	1/4	1,277.02	1/4	929.73	1/4	576.11	1/4	217.18	1/4		1/4	
1/2	2,703.00	1/2	2,344.29	1/2	1,985.54	1/2	1,626.71	1/2	1,269.61	1/2	922.59	1/2	568.63	1/2	209.70	1/2		1/2	
3/4	2,695.53	3/4	2,336.81	3/4	1,978.06	3/4	1,619.23	3/4	1,262.19	3/4	915.45	3/4	561.15	3/4	202.22	3/4		3/4	
2	2,688.06	2	2,329.34	2	1,970.58	2	1,611.76	2	1,254.78	2	908.30	2	553.68	2	194.75	2		2	
1/4	2,680.59	1/4	2,321.86	1/4	1,963.11	1/4	1,604.28	1/4	1,247.37	1/4	901.15	1/4	546.20	1/4	187.27	1/4		1/4	
1/2	2,673.12	1/2	2,314.39	1/2	1,955.63	1/2	1,596.80	1/2	1,239.97	1/2	893.99	1/2	538.72	1/2	179.79	1/2		1/2	
3/4	2,665.64	3/4	2,306.92	3/4	1,948.16	3/4	1,589.33	3/4	1,232.56	3/4	886.84	3/4	531.24	3/4	172.31	3/4		3/4	
3	2,658.17	3	2,299.44	3	1,940.68	3	1,581.85	3	1,225.16	3	879.69	3	523.76	3	164.84	3		3	
1/4	2,650.70	1/4	2,291.97	1/4	1,933.21	1/4	1,574.38	1/4	1,217.76	1/4	872.52	1/4	516.29	1/4	157.35	1/4		1/4	
1/2	2,643.23	1/2	2,284.50	1/2	1,925.73	1/2	1,566.90	1/2	1,210.36	1/2	865.35	1/2	508.81	1/2	149.87	1/2		1/2	
3/4	2,635.75	3/4	2,277.02	3/4	1,918.26	3/4	1,559.43	3/4	1,202.97	3/4	858.19	3/4	501.33	3/4	142.39	3/4		3/4	
4	2,628.28	4	2,269.55	4	1,910.78	4	1,551.95	4	1,195.57	4	851.02	4	493.85	4	134.91	4		4	
1/4	2,620.81	1/4	2,262.07	1/4	1,903.30	1/4	1,544.48	1/4	1,188.16	1/4	843.84	1/4	486.38	1/4	127.43	1/4		1/4	
1/2	2,613.34	1/2	2,254.60	1/2	1,895.83	1/2	1,537.00	1/2	1,180.75	1/2	836.66	1/2	478.90	1/2	119.95	1/2		1/2	
3/4	2,605.86	3/4	2,247.13	3/4	1,888.35	3/4	1,529.52	3/4	1,173.34	3/4	829.48	3/4	471.42	3/4	112.47	3/4		3/4	
5	2,598.39	5	2,239.65	5	1,880.88	5	1,522.05	5	1,165.93	5	822.30	5	463.94	5	104.99	5		5	
1/4	2,590.92	1/4	2,232.18	1/4	1,873.40	1/4	1,514.57	1/4	1,158.65	1/4	814.97	1/4	456.47	1/4	97.83	1/4		1/4	
1/2	2,583.45	1/2	2,224.70	1/2	1,865.93	1/2	1,507.10	1/2	1,151.37	1/2	807.63	1/2	448.99	1/2	90.67	1/2		1/2	
3/4	2,575.97	3/4	2,217.23	3/4	1,858.45	3/4	1,499.62	3/4	1,144.09	3/4	800.30	3/4	441.51	3/4	83.51	3/4		3/4	
6	2,568.50	6	2,209.76	6	1,850.98	6	1,492.15	6	1,136.80	6	792.96	6	434.03	6	76.35	6		6	
1/4	2,561.03	1/4	2,202.28	1/4	1,843.50	1/4	1,484.70	1/4	1,129.66	1/4	785.48	1/4	426.55	1/4	70.12	1/4		1/4	
1/2	2,553.55	1/2	2,194.81	1/2	1,836.02	1/2	1,477.26	1/2	1,122.52	1/2	778.01	1/2	419.08	1/2	63.90	1/2		1/2	
3/4	2,546.08	3/4	2,187.34	3/4	1,828.55	3/4	1,469.81	3/4	1,115.38	3/4	770.53	3/4	411.60	3/4	57.67	3/4		3/4	
7	2,538.60	7	2,179.86	7	1,821.07	7	1,462.37	7	1,108.24	7	763.05	7	404.12	7	51.45	7		7	
1/4	2,531.13	1/4	2,172.39	1/4	1,813.60	1/4	1,454.95	1/4	1,101.10	1/4	755.57	1/4	396.64	1/4	46.46	1/4		1/4	
1/2	2,523.66	1/2	2,164.91	1/2	1,806.12	1/2	1,447.54	1/2	1,093.96	1/2	748.10	1/2	389.17	1/2	41.48	1/2		1/2	
3/4	2,516.18	3/4	2,157.44	3/4	1,798.65	3/4	1,440.13	3/4	1,086.82	3/4	740.62	3/4	381.69	3/4	36.49	3/4		3/4	
8	2,508.71	8	2,149.97	8	1,791.17	8	1,432.71	8	1,079.68	8	733.14	8	374.21	8	31.50	8		8	
1/4	2,501.24	1/4	2,142.49	1/4	1,783.69	1/4	1,425.30	1/4	1,072.54	1/4	725.66	1/4	366.73	1/4	27.76	1/4		1/4	
1/2	2,493.76	1/2	2,135.02	1/2	1,776.22	1/2	1,417.88	1/2	1,065.40	1/2	718.18	1/2	359.26	1/2	24.02	1/2		1/2	
3/4	2,486.29	3/4	2,127.55	3/4	1,768.74	3/4	1,410.47	3/4	1,058.26	3/4	710.71	3/4	351.78	3/4	20.27	3/4		3/4	
9	2,478.81	9	2,120.07	9	1,761.27	9	1,403.06	9	1,051.12	9	703.23	9	344.30	9	16.53	9		9	
1/4	2,471.34	1/4	2,112.60	1/4	1,753.79	1/4	1,395.64	1/4	1,043.98	1/4	695.75	1/4	336.82	1/4	14.04	1/4		1/4	
1/2	2,463.87	1/2	2,105.12	1/2	1,746.32	1/2	1,388.23	1/2	1,036.84	1/2	688.27	1/2	329.34	1/2		1/2		1/2	
3/4	2,456.39	3/4	2,097.65	3/4	1,738.84	3/4	1,380.81	3/4	1,029.70	3/4	680.80	3/4	321.87	3/4		3/4		3/4	
10	2,448.92	10	2,090.18	10	1,731.37	10	1,373.40	10	1,022.56	10	673.32	10	314.39	10		10		10	
1/4	2,441.45	1/4	2,082.70	1/4	1,723.89	1/4	1,365.99	1/4	1,015.42	1/4	665.84	1/4	306.91	1/4		1/4		1/4	
1/2	2,433.97	1/2	2,075.23	1/2	1,716.41	1/2	1,358.57	1/2	1,008.28	1/2	658.36	1/2	299.43	1/2		1/2		1/2	
3/4	2,426.50	3/4	2,067.75	3/4	1,708.94	3/4	1,351.16	3/4	1,001.14	3/4	650.89	3/4	291.96	3/4		3/4		3/4	
11	2,419.02	11	2,060.28	11	1,701.46	11	1,343.75	11	994.00	11	643.41	11	284.48	11		11		11	
1/4	2,411.55	1/4	2,052.81	1/4	1,693.99	1/4	1,336.33	1/4	986.85	1/4	635.93	1/4	277.00	1/4		1/4		1/4	
1/2	2,404.08	1/2	2,045.33	1/2	1,686.51	1/2	1,328.92	1/2	979.71	1/2	628.45	1/2	269.52	1/2		1/2		1/2	
3/4	2,396.60	3/4	2,037.86	3/4	1,679.04	3/4	1,321.50	3/4	972.57	3/4	620.97	3/4	262.05	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2014 SW
RECALCULATED: 03/01/2019 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "HTCO 3011"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	569	0	1,139	0	1,708	0	2,278	0		0		0		0		0	
1/4	12	1/4	581	1/4	1,151	1/4	1,720	1/4	2,290	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	593	1/2	1,163	1/2	1,732	1/2	2,302	1/2		1/2		1/2		1/2		1/2	
3/4	36	3/4	605	3/4	1,174	3/4	1,744	3/4	2,313	3/4		3/4		3/4		3/4		3/4	
1	47	1	617	1	1,186	1	1,756	1	2,325	1		1		1		1		1	
1/4	59	1/4	629	1/4	1,198	1/4	1,768	1/4	2,337	1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	641	1/2	1,210	1/2	1,780	1/2	2,349	1/2		1/2		1/2		1/2		1/2	
3/4	83	3/4	652	3/4	1,222	3/4	1,791	3/4	2,361	3/4		3/4		3/4		3/4		3/4	
2	95	2	664	2	1,234	2	1,803	2	2,373	2		2		2		2		2	
1/4	107	1/4	676	1/4	1,246	1/4	1,815	1/4	2,385	1/4		1/4		1/4		1/4		1/4	
1/2	119	1/2	688	1/2	1,258	1/2	1,827	1/2	2,396	1/2		1/2		1/2		1/2		1/2	
3/4	130	3/4	700	3/4	1,269	3/4	1,839	3/4	2,408	3/4		3/4		3/4		3/4		3/4	
3	142	3	712	3	1,281	3	1,851	3	2,420	3		3		3		3		3	
1/4	154	1/4	724	1/4	1,293	1/4	1,863	1/4	2,432	1/4		1/4		1/4		1/4		1/4	
1/2	166	1/2	736	1/2	1,305	1/2	1,874	1/2	2,444	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	747	3/4	1,317	3/4	1,886	3/4	2,456	3/4		3/4		3/4		3/4		3/4	
4	190	4	759	4	1,329	4	1,898	4	2,468	4		4		4		4		4	
1/4	202	1/4	771	1/4	1,341	1/4	1,910	1/4	2,479	1/4		1/4		1/4		1/4		1/4	
1/2	214	1/2	783	1/2	1,352	1/2	1,922	1/2	2,491	1/2		1/2		1/2		1/2		1/2	
3/4	225	3/4	795	3/4	1,364	3/4	1,934	3/4	2,503	3/4		3/4		3/4		3/4		3/4	
5	237	5	807	5	1,376	5	1,946	5	2,515	5		5		5		5		5	
1/4	249	1/4	819	1/4	1,388	1/4	1,957	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	261	1/2	830	1/2	1,400	1/2	1,969	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	273	3/4	842	3/4	1,412	3/4	1,981	3/4		3/4		3/4		3/4		3/4		3/4	
6	285	6	854	6	1,424	6	1,993	6		6		6		6		6		6	
1/4	297	1/4	866	1/4	1,435	1/4	2,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	308	1/2	878	1/2	1,447	1/2	2,017	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	320	3/4	890	3/4	1,459	3/4	2,029	3/4		3/4		3/4		3/4		3/4		3/4	
7	332	7	902	7	1,471	7	2,041	7		7		7		7		7		7	
1/4	344	1/4	913	1/4	1,483	1/4	2,052	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	356	1/2	925	1/2	1,495	1/2	2,064	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	368	3/4	937	3/4	1,507	3/4	2,076	3/4		3/4		3/4		3/4		3/4		3/4	
8	380	8	949	8	1,519	8	2,088	8		8		8		8		8		8	
1/4	391	1/4	961	1/4	1,530	1/4	2,100	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	403	1/2	973	1/2	1,542	1/2	2,112	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	415	3/4	985	3/4	1,554	3/4	2,124	3/4		3/4		3/4		3/4		3/4		3/4	
9	427	9	997	9	1,566	9	2,135	9		9		9		9		9		9	
1/4	439	1/4	1,008	1/4	1,578	1/4	2,147	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	451	1/2	1,020	1/2	1,590	1/2	2,159	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	463	3/4	1,032	3/4	1,602	3/4	2,171	3/4		3/4		3/4		3/4		3/4		3/4	
10	475	10	1,044	10	1,613	10	2,183	10		10		10		10		10		10	
1/4	486	1/4	1,056	1/4	1,625	1/4	2,195	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	498	1/2	1,068	1/2	1,637	1/2	2,207	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	510	3/4	1,080	3/4	1,649	3/4	2,218	3/4		3/4		3/4		3/4		3/4		3/4	
11	522	11	1,091	11	1,661	11	2,230	11		11		11		11		11		11	
1/4	534	1/4	1,103	1/4	1,673	1/4	2,242	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	546	1/2	1,115	1/2	1,685	1/2	2,254	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	558	3/4	1,127	3/4	1,696	3/4	2,266	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.

STRAPPED: 03/05/2024 CL
 CALCULATED: 03/05/224 CL
 VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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