



BARGE "CTCo 334"

ULLAGE TRIM TABLE

	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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(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 2 PORT IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 236'-09"

August 19, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 334"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4	5,094.10	1/4	4,758.99	1/4	4,419.26	1/4	4,058.72	1/4	3,692.35	1/4	3,325.67	1/4	2,958.74	1/4	2,591.62	1/4	2,224.51
1/2		1/2	5,087.67	1/2	4,752.14	1/2	4,411.93	1/2	4,051.09	1/2	3,684.72	1/2	3,318.03	1/2	2,951.09	1/2	2,583.98	1/2	2,216.86
3/4		3/4	5,081.24	3/4	4,745.29	3/4	4,404.60	3/4	4,043.45	3/4	3,677.09	3/4	3,310.38	3/4	2,943.45	3/4	2,576.33	3/4	2,209.21
1	1	1	5,074.80	1	4,738.44	1	4,397.27	1	4,035.82	1	3,669.46	1	3,302.74	1	2,935.80	1	2,568.68	1	2,201.56
1/4		1/4	5,068.37	1/4	4,731.59	1/4	4,389.94	1/4	4,028.19	1/4	3,661.82	1/4	3,295.10	1/4	2,928.15	1/4	2,561.03	1/4	2,193.91
1/2		1/2	5,060.99	1/2	4,724.68	1/2	4,382.58	1/2	4,020.56	1/2	3,654.19	1/2	3,287.45	1/2	2,920.50	1/2	2,553.38	1/2	2,186.26
3/4		3/4	5,053.60	3/4	4,717.77	3/4	4,375.21	3/4	4,012.92	3/4	3,646.56	3/4	3,279.81	3/4	2,912.85	3/4	2,545.73	3/4	2,178.62
2	2	2	5,046.21	2	4,710.85	2	4,367.84	2	4,005.29	2	3,638.93	2	3,272.16	2	2,905.20	2	2,538.09	2	2,170.97
1/4		1/4	5,038.83	1/4	4,703.94	1/4	4,360.48	1/4	3,997.66	1/4	3,631.29	1/4	3,264.52	1/4	2,897.56	1/4	2,530.44	1/4	2,163.32
1/2		1/2	5,031.25	1/2	4,696.98	1/2	4,353.08	1/2	3,990.02	1/2	3,623.66	1/2	3,256.88	1/2	2,889.91	1/2	2,522.79	1/2	2,155.67
3/4		3/4	5,023.68	3/4	4,690.02	3/4	4,345.67	3/4	3,982.39	3/4	3,616.03	3/4	3,249.23	3/4	2,882.26	3/4	2,515.14	3/4	2,148.02
3	3	3	5,016.10	3	4,683.07	3	4,338.27	3	3,974.76	3	3,608.40	3	3,241.59	3	2,874.61	3	2,507.49	3	2,140.37
1/4		1/4	5,008.53	1/4	4,676.11	1/4	4,330.87	1/4	3,967.13	1/4	3,600.76	1/4	3,233.94	1/4	2,866.96	1/4	2,499.84	1/4	2,132.73
1/2		1/2	5,000.95	1/2	4,669.11	1/2	4,323.44	1/2	3,959.49	1/2	3,593.13	1/2	3,226.30	1/2	2,859.31	1/2	2,492.20	1/2	2,125.08
3/4		3/4	4,993.38	3/4	4,662.12	3/4	4,316.00	3/4	3,951.86	3/4	3,585.50	3/4	3,218.65	3/4	2,851.67	3/4	2,484.55	3/4	2,117.43
4	4	4	4,985.80	4	4,655.12	4	4,308.57	4	3,944.23	4	3,577.86	4	3,211.01	4	2,844.02	4	2,476.90	4	2,109.78
1/4		1/4	4,978.23	1/4	4,648.12	1/4	4,301.14	1/4	3,936.60	1/4	3,570.23	1/4	3,203.37	1/4	2,836.37	1/4	2,469.25	1/4	2,102.13
1/2		1/2	4,970.65	1/2	4,641.09	1/2	4,293.67	1/2	3,928.96	1/2	3,562.60	1/2	3,195.72	1/2	2,828.72	1/2	2,461.60	1/2	2,094.48
3/4		3/4	4,963.08	3/4	4,634.05	3/4	4,286.20	3/4	3,921.33	3/4	3,554.97	3/4	3,188.08	3/4	2,821.07	3/4	2,453.96	3/4	2,086.84
5	5	5	4,955.50	5	4,627.02	5	4,278.73	5	3,913.70	5	3,547.33	5	3,180.43	5	2,813.43	5	2,446.31	5	2,079.19
1/4		1/4	4,947.93	1/4	4,619.99	1/4	4,271.26	1/4	3,906.07	1/4	3,539.70	1/4	3,172.79	1/4	2,805.78	1/4	2,438.66	1/4	2,071.54
1/2		1/2	4,941.07	1/2	4,612.92	1/2	4,263.75	1/2	3,898.43	1/2	3,532.06	1/2	3,165.14	1/2	2,798.13	1/2	2,431.01	1/2	2,063.89
3/4		3/4	4,934.21	3/4	4,605.85	3/4	4,256.25	3/4	3,890.80	3/4	3,524.42	3/4	3,157.50	3/4	2,790.48	3/4	2,423.36	3/4	2,056.24
6	6	6	4,927.36	6	4,598.79	6	4,248.74	6	3,883.17	6	3,516.78	6	3,149.86	6	2,782.83	6	2,415.71	6	2,048.60
1/4		1/4	4,920.50	1/4	4,591.72	1/4	4,241.23	1/4	3,875.54	1/4	3,509.13	1/4	3,142.21	1/4	2,775.18	1/4	2,408.07	1/4	2,040.95
1/2		1/2	4,913.86	1/2	4,584.62	1/2	4,233.69	1/2	3,867.90	1/2	3,501.49	1/2	3,134.57	1/2	2,767.54	1/2	2,400.42	1/2	2,033.84
3/4		3/4	4,907.21	3/4	4,577.52	3/4	4,226.14	3/4	3,860.27	3/4	3,493.85	3/4	3,126.92	3/4	2,759.89	3/4	2,392.77	3/4	2,026.73
7	7	7	4,900.57	7	4,570.42	7	4,218.60	7	3,852.64	7	3,486.20	7	3,119.28	7	2,752.24	7	2,385.12	7	2,019.63
1/4		1/4	4,893.93	1/4	4,563.32	1/4	4,211.05	1/4	3,845.01	1/4	3,478.56	1/4	3,111.64	1/4	2,744.59	1/4	2,377.47	1/4	2,012.52
1/2		1/2	4,887.25	1/2	4,556.18	1/2	4,203.47	1/2	3,837.37	1/2	3,470.91	1/2	3,103.99	1/2	2,736.94	1/2	2,369.82	1/2	2,005.60
3/4		3/4	4,880.58	3/4	4,549.05	3/4	4,195.90	3/4	3,829.74	3/4	3,463.27	3/4	3,096.35	3/4	2,729.29	3/4	2,362.18	3/4	1,998.67
8	8	8	4,873.91	8	4,541.91	8	4,188.32	8	3,822.11	8	3,455.62	8	3,088.70	8	2,721.65	8	2,354.53	8	1,991.74
1/4		1/4	4,867.23	1/4	4,534.78	1/4	4,180.74	1/4	3,814.48	1/4	3,447.98	1/4	3,081.06	1/4	2,714.00	1/4	2,346.88	1/4	1,984.82
1/2		1/2	4,860.52	1/2	4,527.61	1/2	4,173.13	1/2	3,806.84	1/2	3,440.34	1/2	3,073.41	1/2	2,706.35	1/2	2,339.23	1/2	1,977.38
3/4		3/4	4,853.81	3/4	4,520.44	3/4	4,165.52	3/4	3,799.21	3/4	3,432.69	3/4	3,065.77	3/4	2,698.70	3/4	2,331.58	3/4	1,969.93
9	9	9	4,847.09	9	4,513.28	9	4,157.91	9	3,791.58	9	3,425.05	9	3,058.13	9	2,691.05	9	2,323.93	9	1,962.49
1/4		1/4	4,840.38	1/4	4,506.11	1/4	4,150.29	1/4	3,783.94	1/4	3,417.40	1/4	3,050.48	1/4	2,683.40	1/4	2,316.29	1/4	1,955.05
1/2		1/2	4,833.63	1/2	4,498.91	1/2	4,142.67	1/2	3,776.31	1/2	3,409.76	1/2	3,042.84	1/2	2,675.76	1/2	2,308.64	1/2	1,947.44
3/4		3/4	4,826.88	3/4	4,491.71	3/4	4,135.04	3/4	3,768.68	3/4	3,402.12	3/4	3,035.19	3/4	2,668.11	3/4	2,300.99	3/4	1,939.82
10	10	10	4,820.13	10	4,484.50	10	4,127.41	10	3,761.05	10	3,394.47	10	3,027.55	10	2,660.46	10	2,293.34	10	1,932.21
1/4		1/4	4,813.39	1/4	4,477.30	1/4	4,119.78	1/4	3,753.41	1/4	3,386.83	1/4	3,019.91	1/4	2,652.81	1/4	2,285.69	1/4	1,924.59
1/2		1/2	4,806.60	1/2	4,470.07	1/2	4,112.15	1/2	3,745.78	1/2	3,379.18	1/2	3,012.26	1/2	2,645.16	1/2	2,278.04	1/2	1,916.98
3/4		3/4	4,799.82	3/4	4,462.83	3/4	4,104.51	3/4	3,738.15	3/4	3,371.54	3/4	3,004.62	3/4	2,637.51	3/4	2,270.40	3/4	1,909.37
11	11	11	4,793.04	11	4,455.59	11	4,096.88	11	3,730.52	11	3,363.89	11	2,996.97	11	2,629.87	11	2,262.75	11	1,901.75
1/4		1/4	4,786.26	1/4	4,448.36	1/4	4,089.25	1/4	3,722.88	1/4	3,356.25	1/4	2,989.33	1/4	2,622.22	1/4	2,255.10	1/4	1,894.14
1/2		1/2	4,779.44	1/2	4,441.08	1/2	4,081.62	1/2	3,715.25	1/2	3,348.61	1/2	2,981.68	1/2	2,614.57	1/2	2,247.45	1/2	1,886.50
3/4		3/4	4,772.62	3/4	4,433.81	3/4	4,073.98	3/4	3,707.62	3/4	3,340.96	3/4	2,974.04	3/4	2,606.92	3/4	2,239.80	3/4	1,878.85

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CTCo 334"

1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-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	1,871.21	0	1,504.04	0	1,136.92	0	771.87	0	408.72	0	86.48	0		0		0		0	
1/4	1,863.57	1/4	1,496.39	1/4	1,129.29	1/4	764.23	1/4	401.47	1/4	80.28	1/4		1/4		1/4		1/4	
1/2	1,855.92	1/2	1,488.74	1/2	1,121.67	1/2	756.59	1/2	394.29	1/2	74.19	1/2		1/2		1/2		1/2	
3/4	1,848.27	3/4	1,481.09	3/4	1,114.05	3/4	748.94	3/4	387.12	3/4	68.11	3/4		3/4		3/4		3/4	
1	1,840.62	1	1,473.44	1	1,106.43	1	741.29	1	379.95	1	62.02	1		1		1		1	
1/4	1,832.97	1/4	1,465.79	1/4	1,098.81	1/4	733.64	1/4	372.78	1/4	55.93	1/4		1/4		1/4		1/4	
1/2	1,825.32	1/2	1,458.14	1/2	1,091.20	1/2	725.99	1/2	365.69	1/2	50.63	1/2		1/2		1/2		1/2	
3/4	1,817.67	3/4	1,450.49	3/4	1,083.59	3/4	718.34	3/4	358.61	3/4	45.32	3/4		3/4		3/4		3/4	
2	1,810.02	2	1,442.84	2	1,075.98	2	710.69	2	351.52	2	40.02	2		2		2		2	
1/4	1,802.37	1/4	1,435.19	1/4	1,068.37	1/4	703.04	1/4	344.44	1/4	34.71	1/4		1/4		1/4		1/4	
1/2	1,794.72	1/2	1,427.54	1/2	1,060.77	1/2	695.39	1/2	337.44	1/2	30.82	1/2		1/2		1/2		1/2	
3/4	1,787.08	3/4	1,419.89	3/4	1,053.16	3/4	687.74	3/4	330.44	3/4	26.93	3/4		3/4		3/4		3/4	
3	1,779.43	3	1,412.24	3	1,045.55	3	680.09	3	323.44	3	23.04	3		3		3		3	
1/4	1,771.78	1/4	1,404.59	1/4	1,037.95	1/4	672.44	1/4	316.45	1/4	19.15	1/4		1/4		1/4		1/4	
1/2	1,764.13	1/2	1,396.94	1/2	1,030.35	1/2	664.79	1/2	309.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,756.48	3/4	1,389.29	3/4	1,022.75	3/4	657.14	3/4	302.62	3/4		3/4		3/4		3/4		3/4	
4	1,748.83	4	1,381.64	4	1,015.15	4	649.49	4	295.71	4		4		4		4		4	
1/4	1,741.18	1/4	1,373.99	1/4	1,007.55	1/4	641.84	1/4	288.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,733.53	1/2	1,366.34	1/2	999.95	1/2	634.19	1/2	281.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,725.88	3/4	1,358.69	3/4	992.35	3/4	626.54	3/4	275.15	3/4		3/4		3/4		3/4		3/4	
5	1,718.23	5	1,351.04	5	984.75	5	618.89	5	268.33	5		5		5		5		5	
1/4	1,710.58	1/4	1,343.39	1/4	977.15	1/4	611.24	1/4	261.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,702.93	1/2	1,335.74	1/2	969.55	1/2	603.60	1/2	254.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,695.28	3/4	1,328.09	3/4	961.95	3/4	595.95	3/4	248.03	3/4		3/4		3/4		3/4		3/4	
6	1,687.63	6	1,320.44	6	954.35	6	588.30	6	241.29	6		6		6		6		6	
1/4	1,679.98	1/4	1,312.79	1/4	946.76	1/4	580.65	1/4	234.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,672.33	1/2	1,305.14	1/2	939.16	1/2	573.01	1/2	227.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,664.68	3/4	1,297.49	3/4	931.56	3/4	565.36	3/4	221.25	3/4		3/4		3/4		3/4		3/4	
7	1,657.03	7	1,289.84	7	923.96	7	557.72	7	214.60	7		7		7		7		7	
1/4	1,649.38	1/4	1,282.19	1/4	916.36	1/4	550.08	1/4	207.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,641.73	1/2	1,274.55	1/2	908.76	1/2	542.48	1/2	201.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,634.08	3/4	1,266.90	3/4	901.16	3/4	534.89	3/4	194.82	3/4		3/4		3/4		3/4		3/4	
8	1,626.43	8	1,259.25	8	893.57	8	527.29	8	188.25	8		8		8		8		8	
1/4	1,618.78	1/4	1,251.60	1/4	885.97	1/4	519.69	1/4	181.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,611.13	1/2	1,243.95	1/2	878.37	1/2	512.17	1/2	175.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,603.48	3/4	1,236.30	3/4	870.77	3/4	504.65	3/4	168.74	3/4		3/4		3/4		3/4		3/4	
9	1,595.83	9	1,228.65	9	863.17	9	497.13	9	162.26	9		9		9		9		9	
1/4	1,588.18	1/4	1,221.00	1/4	855.57	1/4	489.61	1/4	155.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,580.53	1/2	1,213.35	1/2	847.97	1/2	482.18	1/2	149.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,572.88	3/4	1,205.70	3/4	840.37	3/4	474.75	3/4	143.01	3/4		3/4		3/4		3/4		3/4	
10	1,565.23	10	1,198.05	10	832.78	10	467.32	10	136.62	10		10		10		10		10	
1/4	1,557.58	1/4	1,190.40	1/4	825.18	1/4	459.88	1/4	130.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,549.93	1/2	1,182.75	1/2	817.58	1/2	452.54	1/2	123.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,542.28	3/4	1,175.10	3/4	809.98	3/4	445.19	3/4	117.65	3/4		3/4		3/4		3/4		3/4	
11	1,534.63	11	1,167.45	11	802.38	11	437.85	11	111.36	11		11		11		11		11	
1/4	1,526.99	1/4	1,159.80	1/4	794.78	1/4	430.50	1/4	105.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,519.34	1/2	1,152.17	1/2	787.15	1/2	423.24	1/2	98.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,511.69	3/4	1,144.54	3/4	779.51	3/4	415.98	3/4	92.68	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 334"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	5,077.58	0	4,741.65	0	4,400.96	0	4,039.81	0	3,673.45	0	3,307.10	0	2,940.71	0	2,574.17	0	2,207.62
1/4		1/4	5,071.15	1/4	4,734.80	1/4	4,393.63	1/4	4,032.18	1/4	3,665.82	1/4	3,299.47	1/4	2,933.08	1/4	2,566.53	1/4	2,199.98
1/2		1/2	5,064.72	1/2	4,727.95	1/2	4,386.30	1/2	4,024.54	1/2	3,658.19	1/2	3,291.83	1/2	2,925.44	1/2	2,558.89	1/2	2,192.35
3/4		3/4	5,057.34	3/4	4,721.03	3/4	4,378.94	3/4	4,016.91	3/4	3,650.56	3/4	3,284.20	3/4	2,917.81	3/4	2,551.26	3/4	2,184.71
1		1	5,049.95	1	4,714.12	1	4,371.57	1	4,009.28	1	3,642.92	1	3,276.57	1	2,910.17	1	2,543.62	1	2,177.07
1/4		1/4	5,042.57	1/4	4,707.21	1/4	4,364.20	1/4	4,001.65	1/4	3,635.29	1/4	3,268.94	1/4	2,902.53	1/4	2,535.99	1/4	2,169.44
1/2		1/2	5,035.18	1/2	4,700.29	1/2	4,356.83	1/2	3,994.01	1/2	3,627.66	1/2	3,261.30	1/2	2,894.90	1/2	2,528.35	1/2	2,161.80
3/4		3/4	5,027.61	3/4	4,693.34	3/4	4,349.43	3/4	3,986.38	3/4	3,620.03	3/4	3,253.67	3/4	2,887.26	3/4	2,520.71	3/4	2,154.17
2		2	5,020.03	2	4,686.38	2	4,342.03	2	3,978.75	2	3,612.39	2	3,246.04	2	2,879.62	2	2,513.08	2	2,146.53
1/4		1/4	5,012.46	1/4	4,679.42	1/4	4,334.63	1/4	3,971.12	1/4	3,604.76	1/4	3,238.41	1/4	2,871.99	1/4	2,505.44	1/4	2,138.89
1/2		1/2	5,004.88	1/2	4,672.47	1/2	4,327.23	1/2	3,963.49	1/2	3,597.13	1/2	3,230.77	1/2	2,864.35	1/2	2,497.80	1/2	2,131.26
3/4		3/4	4,997.31	3/4	4,665.47	3/4	4,319.80	3/4	3,955.85	3/4	3,589.50	3/4	3,223.14	3/4	2,856.71	3/4	2,490.17	3/4	2,123.62
3		3	4,989.73	3	4,658.47	3	4,312.36	3	3,948.22	3	3,581.87	3	3,215.51	3	2,849.08	3	2,482.53	3	2,115.98
1/4		1/4	4,982.16	1/4	4,651.47	1/4	4,304.93	1/4	3,940.59	1/4	3,574.23	1/4	3,207.88	1/4	2,841.44	1/4	2,474.89	1/4	2,108.35
1/2		1/2	4,974.58	1/2	4,644.48	1/2	4,297.50	1/2	3,932.96	1/2	3,566.60	1/2	3,200.25	1/2	2,833.80	1/2	2,467.26	1/2	2,100.71
3/4		3/4	4,967.01	3/4	4,637.44	3/4	4,290.03	3/4	3,925.32	3/4	3,558.97	3/4	3,192.61	3/4	2,826.17	3/4	2,459.62	3/4	2,093.07
4		4	4,959.43	4	4,630.41	4	4,282.56	4	3,917.69	4	3,551.34	4	3,184.98	4	2,818.53	4	2,451.98	4	2,085.44
1/4		1/4	4,951.86	1/4	4,623.38	1/4	4,275.09	1/4	3,910.06	1/4	3,543.70	1/4	3,177.35	1/4	2,810.90	1/4	2,444.35	1/4	2,077.80
1/2		1/2	4,944.28	1/2	4,616.34	1/2	4,267.62	1/2	3,902.43	1/2	3,536.07	1/2	3,169.72	1/2	2,803.26	1/2	2,436.71	1/2	2,070.16
3/4		3/4	4,937.42	3/4	4,609.28	3/4	4,260.11	3/4	3,894.79	3/4	3,528.44	3/4	3,162.08	3/4	2,795.62	3/4	2,429.08	3/4	2,062.53
5		5	4,930.57	5	4,602.21	5	4,252.61	5	3,887.16	5	3,520.81	5	3,154.45	5	2,787.99	5	2,421.44	5	2,054.89
1/4		1/4	4,923.71	1/4	4,595.14	1/4	4,245.10	1/4	3,879.53	1/4	3,513.17	1/4	3,146.82	1/4	2,780.35	1/4	2,413.80	1/4	2,047.26
1/2		1/2	4,916.85	1/2	4,588.08	1/2	4,237.59	1/2	3,871.90	1/2	3,505.54	1/2	3,139.19	1/2	2,772.71	1/2	2,406.17	1/2	2,039.62
3/4		3/4	4,910.21	3/4	4,580.98	3/4	4,230.05	3/4	3,864.26	3/4	3,497.91	3/4	3,131.55	3/4	2,765.08	3/4	2,398.53	3/4	2,032.52
6		6	4,903.57	6	4,573.88	6	4,222.50	6	3,856.63	6	3,490.28	6	3,123.92	6	2,757.44	6	2,390.89	6	2,025.43
1/4		1/4	4,896.92	1/4	4,566.78	1/4	4,214.96	1/4	3,849.00	1/4	3,482.64	1/4	3,116.29	1/4	2,749.80	1/4	2,383.26	1/4	2,018.34
1/2		1/2	4,890.28	1/2	4,559.67	1/2	4,207.41	1/2	3,841.37	1/2	3,475.01	1/2	3,108.66	1/2	2,742.17	1/2	2,375.62	1/2	2,011.24
3/4		3/4	4,883.61	3/4	4,552.54	3/4	4,199.84	3/4	3,833.73	3/4	3,467.38	3/4	3,101.02	3/4	2,734.53	3/4	2,367.98	3/4	2,004.33
7		7	4,876.93	7	4,545.41	7	4,192.26	7	3,826.10	7	3,459.75	7	3,093.39	7	2,726.90	7	2,360.35	7	1,997.41
1/4		1/4	4,870.26	1/4	4,538.27	1/4	4,184.68	1/4	3,818.47	1/4	3,452.11	1/4	3,085.76	1/4	2,719.26	1/4	2,352.71	1/4	1,990.50
1/2		1/2	4,863.59	1/2	4,531.14	1/2	4,177.10	1/2	3,810.84	1/2	3,444.48	1/2	3,078.13	1/2	2,711.62	1/2	2,345.08	1/2	1,983.58
3/4		3/4	4,856.87	3/4	4,523.97	3/4	4,169.49	3/4	3,803.20	3/4	3,436.85	3/4	3,070.49	3/4	2,703.99	3/4	2,337.44	3/4	1,976.15
8		8	4,850.16	8	4,516.80	8	4,161.88	8	3,795.57	8	3,429.22	8	3,062.86	8	2,696.35	8	2,329.80	8	1,968.72
1/4		1/4	4,843.45	1/4	4,509.63	1/4	4,154.27	1/4	3,787.94	1/4	3,421.58	1/4	3,055.23	1/4	2,688.71	1/4	2,322.17	1/4	1,961.29
1/2		1/2	4,836.74	1/2	4,502.47	1/2	4,146.66	1/2	3,780.31	1/2	3,413.95	1/2	3,047.60	1/2	2,681.08	1/2	2,314.53	1/2	1,953.86
3/4		3/4	4,829.99	3/4	4,495.26	3/4	4,139.03	3/4	3,772.68	3/4	3,406.32	3/4	3,039.96	3/4	2,673.44	3/4	2,306.89	3/4	1,946.26
9		9	4,823.24	9	4,488.06	9	4,131.39	9	3,765.04	9	3,398.69	9	3,032.33	9	2,665.80	9	2,299.26	9	1,938.66
1/4		1/4	4,816.49	1/4	4,480.86	1/4	4,123.76	1/4	3,757.41	1/4	3,391.06	1/4	3,024.70	1/4	2,658.17	1/4	2,291.62	1/4	1,931.06
1/2		1/2	4,809.74	1/2	4,473.66	1/2	4,116.13	1/2	3,749.78	1/2	3,383.42	1/2	3,017.07	1/2	2,650.53	1/2	2,283.98	1/2	1,923.45
3/4		3/4	4,802.96	3/4	4,466.42	3/4	4,108.50	3/4	3,742.15	3/4	3,375.79	3/4	3,009.44	3/4	2,642.89	3/4	2,276.35	3/4	1,915.85
10		10	4,796.18	10	4,459.19	10	4,100.87	10	3,734.51	10	3,368.16	10	3,001.80	10	2,635.26	10	2,268.71	10	1,908.25
1/4		1/4	4,789.39	1/4	4,451.95	1/4	4,093.24	1/4	3,726.88	1/4	3,360.53	1/4	2,994.17	1/4	2,627.62	1/4	2,261.07	1/4	1,900.65
1/2		1/2	4,782.61	1/2	4,444.72	1/2	4,085.60	1/2	3,719.25	1/2	3,352.89	1/2	2,986.54	1/2	2,619.99	1/2	2,253.44	1/2	1,893.04
3/4		3/4	4,775.80	3/4	4,437.44	3/4	4,077.97	3/4	3,711.62	3/4	3,345.26	3/4	2,978.90	3/4	2,612.35	3/4	2,245.80	3/4	1,885.42
11		11	4,768.98	11	4,430.16	11	4,070.34	11	3,703.98	11	3,337.63	11	2,971.26	11	2,604.71	11	2,238.17	11	1,877.79
1/4		1/4	4,762.16	1/4	4,422.89	1/4	4,062.71	1/4	3,696.35	1/4	3,330.00	1/4	2,963.62	1/4	2,597.08	1/4	2,230.53	1/4	1,870.16
1/2		1/2	5,090.44	1/2	4,755.35	1/2	4,415.61	1/2	4,055.07	1/2	3,688.72	1/2	3,322.36	1/2	2,955.99	1/2	2,222.89	1/2	1,862.54
3/4		3/4	5,084.01	3/4	4,748.50	3/4	4,408.29	3/4	4,047.44	3/4	3,681.09	3/4	3,314.73	3/4	2,948.35	3/4	2,215.26	3/4	1,854.90

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 TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-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 "CTCo 334"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	1,847.26	0	1,480.64	0	1,114.01	0	747.89	0	386.70	0	68.11	0		0		0		0	
1/4	1,839.62	1/4	1,473.00	1/4	1,106.37	1/4	740.25	1/4	379.54	1/4	62.02	1/4		1/4		1/4		1/4	
1/2	1,831.98	1/2	1,465.36	1/2	1,098.74	1/2	732.61	1/2	372.38	1/2	55.94	1/2		1/2		1/2		1/2	
3/4	1,824.35	3/4	1,457.72	3/4	1,091.10	3/4	724.97	3/4	365.31	3/4	50.63	3/4		3/4		3/4		3/4	
1	1,816.71	1	1,450.08	1	1,083.47	1	717.34	1	358.23	1	45.32	1		1		1		1	
1/4	1,809.07	1/4	1,442.45	1/4	1,075.84	1/4	709.70	1/4	351.16	1/4	40.02	1/4		1/4		1/4		1/4	
1/2	1,801.43	1/2	1,434.81	1/2	1,068.20	1/2	702.06	1/2	344.08	1/2	34.71	1/2		1/2		1/2		1/2	
3/4	1,793.79	3/4	1,427.17	3/4	1,060.57	3/4	694.42	3/4	337.10	3/4	30.82	3/4		3/4		3/4		3/4	
2	1,786.16	2	1,419.53	2	1,052.94	2	686.79	2	330.11	2	26.93	2		2		2		2	
1/4	1,778.52	1/4	1,411.89	1/4	1,045.31	1/4	679.15	1/4	323.13	1/4	23.04	1/4		1/4		1/4		1/4	
1/2	1,770.88	1/2	1,404.26	1/2	1,037.68	1/2	671.51	1/2	316.14	1/2	19.15	1/2		1/2		1/2		1/2	
3/4	1,763.24	3/4	1,396.62	3/4	1,030.05	3/4	663.87	3/4	309.24	3/4		3/4		3/4		3/4		3/4	
3	1,755.60	3	1,388.98	3	1,022.43	3	656.24	3	302.34	3		3		3		3		3	
1/4	1,747.97	1/4	1,381.34	1/4	1,014.80	1/4	648.60	1/4	295.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,740.33	1/2	1,373.70	1/2	1,007.17	1/2	640.96	1/2	288.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,732.69	3/4	1,366.07	3/4	999.55	3/4	633.32	3/4	281.73	3/4		3/4		3/4		3/4		3/4	
4	1,725.05	4	1,358.43	4	991.93	4	625.69	4	274.91	4		4		4		4		4	
1/4	1,717.41	1/4	1,350.79	1/4	984.30	1/4	618.05	1/4	268.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,709.78	1/2	1,343.15	1/2	976.68	1/2	610.41	1/2	261.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,702.14	3/4	1,335.51	3/4	969.05	3/4	602.77	3/4	254.56	3/4		3/4		3/4		3/4		3/4	
5	1,694.50	5	1,327.88	5	961.43	5	595.14	5	247.84	5		5		5		5		5	
1/4	1,686.86	1/4	1,320.24	1/4	953.81	1/4	587.50	1/4	241.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,679.22	1/2	1,312.60	1/2	946.18	1/2	579.86	1/2	234.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,671.59	3/4	1,304.96	3/4	938.56	3/4	572.24	3/4	227.74	3/4		3/4		3/4		3/4		3/4	
6	1,663.95	6	1,297.32	6	930.93	6	564.61	6	221.10	6		6		6		6		6	
1/4	1,656.31	1/4	1,289.69	1/4	923.31	1/4	556.99	1/4	214.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,648.67	1/2	1,282.05	1/2	915.69	1/2	549.36	1/2	207.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,641.03	3/4	1,274.41	3/4	908.06	3/4	541.79	3/4	201.27	3/4		3/4		3/4		3/4		3/4	
7	1,633.40	7	1,266.77	7	900.44	7	534.21	7	194.72	7		7		7		7		7	
1/4	1,625.76	1/4	1,259.13	1/4	892.81	1/4	526.63	1/4	188.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,618.12	1/2	1,251.50	1/2	885.19	1/2	519.05	1/2	181.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,610.48	3/4	1,243.86	3/4	877.57	3/4	511.54	3/4	175.15	3/4		3/4		3/4		3/4		3/4	
8	1,602.84	8	1,236.22	8	869.94	8	504.04	8	168.68	8		8		8		8		8	
1/4	1,595.21	1/4	1,228.58	1/4	862.32	1/4	496.53	1/4	162.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,587.57	1/2	1,220.94	1/2	854.69	1/2	489.03	1/2	155.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,579.93	3/4	1,213.31	3/4	847.07	3/4	481.61	3/4	149.37	3/4		3/4		3/4		3/4		3/4	
9	1,572.29	9	1,205.67	9	839.45	9	474.19	9	143.00	9		9		9		9		9	
1/4	1,564.65	1/4	1,198.03	1/4	831.82	1/4	466.77	1/4	136.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,557.02	1/2	1,190.39	1/2	824.20	1/2	459.34	1/2	130.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,549.38	3/4	1,182.75	3/4	816.57	3/4	452.01	3/4	123.95	3/4		3/4		3/4		3/4		3/4	
10	1,541.74	10	1,175.12	10	808.95	10	444.68	10	117.66	10		10		10		10		10	
1/4	1,534.10	1/4	1,167.48	1/4	801.33	1/4	437.34	1/4	111.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,526.46	1/2	1,159.84	1/2	793.70	1/2	430.01	1/2	105.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,518.83	3/4	1,152.20	3/4	786.07	3/4	422.76	3/4	98.88	3/4		3/4		3/4		3/4		3/4	
11	1,511.19	11	1,144.56	11	778.43	11	415.51	11	92.68	11		11		11		11		11	
1/4	1,503.55	1/4	1,136.93	1/4	770.80	1/4	408.27	1/4	86.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,495.91	1/2	1,129.29	1/2	763.16	1/2	401.02	1/2	80.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,488.27	3/4	1,121.65	3/4	755.53	3/4	393.86	3/4	74.20	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CTCo 334"

2 PORT ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 3/4"

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	4,540.78	0	4,222.81	0	3,884.92	0	3,540.53	0	3,196.15	0	2,851.76	0	2,507.19	0	2,162.61
1/4		1/4		1/4	4,534.38	1/4	4,215.97	1/4	3,877.74	1/4	3,533.36	1/4	3,188.97	1/4	2,844.59	1/4	2,500.01	1/4	2,155.43
1/2		1/2		1/2	4,527.97	1/2	4,209.14	1/2	3,870.57	1/2	3,526.18	1/2	3,181.80	1/2	2,837.41	1/2	2,492.83	1/2	2,148.25
3/4		3/4	4,836.39	3/4	4,521.57	3/4	4,202.30	3/4	3,863.39	3/4	3,519.01	3/4	3,174.62	3/4	2,830.23	3/4	2,485.65	3/4	2,141.07
1		1	4,830.35	1	4,515.13	1	4,195.41	1	3,856.22	1	3,511.83	1	3,167.45	1	2,823.06	1	2,478.47	1	2,133.89
1/4		1/4	4,824.31	1/4	4,508.70	1/4	4,188.52	1/4	3,849.04	1/4	3,504.66	1/4	3,160.27	1/4	2,815.88	1/4	2,471.29	1/4	2,126.71
1/2		1/2	4,818.26	1/2	4,502.26	1/2	4,181.64	1/2	3,841.87	1/2	3,497.48	1/2	3,153.10	1/2	2,808.70	1/2	2,464.12	1/2	2,119.53
3/4		3/4	4,812.22	3/4	4,495.83	3/4	4,174.75	3/4	3,834.70	3/4	3,490.31	3/4	3,145.92	3/4	2,801.52	3/4	2,456.94	3/4	2,112.35
2		2	4,805.28	2	4,489.33	2	4,167.82	2	3,827.52	2	3,483.13	2	3,138.75	2	2,794.34	2	2,449.76	2	2,105.18
1/4		1/4	4,798.34	1/4	4,482.84	1/4	4,160.90	1/4	3,820.35	1/4	3,475.96	1/4	3,131.57	1/4	2,787.16	1/4	2,442.58	1/4	2,098.00
1/2		1/2	4,791.41	1/2	4,476.34	1/2	4,153.97	1/2	3,813.17	1/2	3,468.79	1/2	3,124.40	1/2	2,779.98	1/2	2,435.40	1/2	2,090.82
3/4		3/4	4,784.47	3/4	4,469.84	3/4	4,147.05	3/4	3,806.00	3/4	3,461.61	3/4	3,117.23	3/4	2,772.80	3/4	2,428.22	3/4	2,083.64
3		3	4,777.35	3	4,463.31	3	4,140.09	3	3,798.82	3	3,454.44	3	3,110.05	3	2,765.63	3	2,421.04	3	2,076.46
1/4		1/4	4,770.23	1/4	4,456.77	1/4	4,133.13	1/4	3,791.65	1/4	3,447.26	1/4	3,102.88	1/4	2,758.45	1/4	2,413.86	1/4	2,069.28
1/2		1/2	4,763.11	1/2	4,450.23	1/2	4,126.18	1/2	3,784.47	1/2	3,440.09	1/2	3,095.70	1/2	2,751.27	1/2	2,406.69	1/2	2,062.10
3/4		3/4	4,756.00	3/4	4,443.69	3/4	4,119.22	3/4	3,777.30	3/4	3,432.91	3/4	3,088.53	3/4	2,744.09	3/4	2,399.51	3/4	2,054.92
4		4	4,748.88	4	4,437.11	4	4,112.23	4	3,770.12	4	3,425.74	4	3,081.35	4	2,736.91	4	2,392.33	4	2,047.75
1/4		1/4	4,741.76	1/4	4,430.54	1/4	4,105.24	1/4	3,762.95	1/4	3,418.56	1/4	3,074.18	1/4	2,729.73	1/4	2,385.15	1/4	2,040.57
1/2		1/2	4,734.64	1/2	4,423.96	1/2	4,098.26	1/2	3,755.77	1/2	3,411.39	1/2	3,067.00	1/2	2,722.55	1/2	2,377.97	1/2	2,033.39
3/4		3/4	4,727.53	3/4	4,417.39	3/4	4,091.27	3/4	3,748.60	3/4	3,404.21	3/4	3,059.83	3/4	2,715.37	3/4	2,370.79	3/4	2,026.21
5		5	4,720.41	5	4,410.78	5	4,084.25	5	3,741.42	5	3,397.04	5	3,052.65	5	2,708.19	5	2,363.61	5	2,019.03
1/4		1/4	4,713.29	1/4	4,404.17	1/4	4,077.23	1/4	3,734.25	1/4	3,389.86	1/4	3,045.48	1/4	2,701.02	1/4	2,356.43	1/4	2,011.85
1/2		1/2	4,706.18	1/2	4,397.56	1/2	4,070.21	1/2	3,727.07	1/2	3,382.69	1/2	3,038.30	1/2	2,693.84	1/2	2,349.25	1/2	2,004.67
3/4		3/4	4,699.06	3/4	4,390.95	3/4	4,063.19	3/4	3,719.90	3/4	3,375.51	3/4	3,031.13	3/4	2,686.66	3/4	2,342.08	3/4	1,997.49
6		6	4,692.62	6	4,384.31	6	4,056.13	6	3,712.73	6	3,368.34	6	3,023.95	6	2,679.48	6	2,334.90	6	1,990.31
1/4		1/4	4,686.18	1/4	4,377.67	1/4	4,049.07	1/4	3,705.55	1/4	3,361.16	1/4	3,016.78	1/4	2,672.30	1/4	2,327.72	1/4	1,983.14
1/2		1/2	4,679.73	1/2	4,371.02	1/2	4,042.01	1/2	3,698.38	1/2	3,353.99	1/2	3,009.60	1/2	2,665.12	1/2	2,320.54	1/2	1,975.96
3/4		3/4	4,673.29	3/4	4,364.38	3/4	4,034.96	3/4	3,691.20	3/4	3,346.82	3/4	3,002.43	3/4	2,657.94	3/4	2,313.36	3/4	1,968.78
7		7	4,667.05	7	4,357.71	7	4,027.86	7	3,684.03	7	3,339.64	7	2,995.26	7	2,650.76	7	2,306.18	7	1,962.11
1/4		1/4	4,660.81	1/4	4,351.04	1/4	4,020.77	1/4	3,676.85	1/4	3,332.47	1/4	2,988.08	1/4	2,643.59	1/4	2,299.00	1/4	1,955.44
1/2		1/2	4,654.57	1/2	4,344.36	1/2	4,013.68	1/2	3,669.68	1/2	3,325.29	1/2	2,980.91	1/2	2,636.41	1/2	2,291.82	1/2	1,948.77
3/4		3/4	4,648.33	3/4	4,337.69	3/4	4,006.59	3/4	3,662.50	3/4	3,318.12	3/4	2,973.73	3/4	2,629.23	3/4	2,284.65	3/4	1,942.10
8		8	4,642.06	8	4,330.99	8	3,999.47	8	3,655.33	8	3,310.94	8	2,966.56	8	2,622.05	8	2,277.47	8	1,935.60
1/4		1/4	4,635.79	1/4	4,324.28	1/4	3,992.34	1/4	3,648.15	1/4	3,303.77	1/4	2,959.38	1/4	2,614.87	1/4	2,270.29	1/4	1,929.10
1/2		1/2	4,629.52	1/2	4,317.58	1/2	3,985.22	1/2	3,640.98	1/2	3,296.59	1/2	2,952.21	1/2	2,607.69	1/2	2,263.11	1/2	1,922.60
3/4		3/4	4,623.25	3/4	4,310.87	3/4	3,978.10	3/4	3,633.80	3/4	3,289.42	3/4	2,945.03	3/4	2,600.51	3/4	2,255.93	3/4	1,916.10
9		9	4,616.95	9	4,304.13	9	3,970.94	9	3,626.63	9	3,282.24	9	2,937.86	9	2,593.33	9	2,248.75	9	1,909.12
1/4		1/4	4,610.64	1/4	4,297.40	1/4	3,963.79	1/4	3,619.45	1/4	3,275.07	1/4	2,930.68	1/4	2,586.16	1/4	2,241.57	1/4	1,902.14
1/2		1/2	4,604.33	1/2	4,290.66	1/2	3,956.63	1/2	3,612.28	1/2	3,267.89	1/2	2,923.51	1/2	2,578.98	1/2	2,234.39	1/2	1,895.15
3/4		3/4	4,598.03	3/4	4,283.92	3/4	3,949.48	3/4	3,605.10	3/4	3,260.72	3/4	2,916.33	3/4	2,571.80	3/4	2,227.22	3/4	1,888.17
10		10	4,591.69	10	4,277.16	10	3,942.31	10	3,597.93	10	3,253.54	10	2,909.16	10	2,564.62	10	2,220.04	10	1,881.03
1/4		1/4	4,585.35	1/4	4,270.39	1/4	3,935.13	1/4	3,590.76	1/4	3,246.37	1/4	2,901.98	1/4	2,557.44	1/4	2,212.86	1/4	1,873.88
1/2		1/2	4,579.01	1/2	4,263.62	1/2	3,927.96	1/2	3,583.58	1/2	3,239.20	1/2	2,894.81	1/2	2,550.26	1/2	2,205.68	1/2	1,866.74
3/4		3/4	4,572.67	3/4	4,256.85	3/4	3,920.79	3/4	3,576.41	3/4	3,232.02	3/4	2,887.63	3/4	2,543.08	3/4	2,198.50	3/4	1,859.59
11		11	4,566.30	11	4,250.05	11	3,913.62	11	3,569.23	11	3,224.85	11	2,880.46	11	2,535.90	11	2,191.32	11	1,852.45
1/4		1/4	4,559.93	1/4	4,243.25	1/4	3,906.44	1/4	3,562.06	1/4	3,217.67	1/4	2,873.29	1/4	2,528.72	1/4	2,184.14	1/4	1,845.30
1/2		1/2	4,553.55	1/2	4,236.45	1/2	3,899.27	1/2	3,554.88	1/2	3,210.50	1/2	2,866.11	1/2	2,521.55	1/2	2,176.96	1/2	1,838.16
3/4		3/4	4,547.18	3/4	4,229.65	3/4	3,892.09	3/4	3,547.71	3/4	3,203.32	3/4	2,858.94	3/4	2,514.37	3/4	2,169.78	3/4	1,831.01

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

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

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



BARGE "CTCo 334"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-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	1,823.84	0	1,479.22	0	1,134.79	0	804.10	0	459.70	0	115.07	0		0		0		0	
1/4	1,816.67	1/4	1,472.04	1/4	1,127.82	1/4	797.00	1/4	452.52	1/4	107.90	1/4		1/4		1/4		1/4	
1/2	1,809.50	1/2	1,464.86	1/2	1,120.85	1/2	789.90	1/2	445.34	1/2	100.72	1/2		1/2		1/2		1/2	
3/4	1,802.33	3/4	1,457.68	3/4	1,113.88	3/4	782.80	3/4	438.16	3/4	93.55	3/4		3/4		3/4		3/4	
1	1,795.15	1	1,450.50	1	1,106.99	1	775.62	1	430.98	1	86.40	1		1		1		1	
1/4	1,787.97	1/4	1,443.32	1/4	1,100.09	1/4	768.44	1/4	423.80	1/4	79.25	1/4		1/4		1/4		1/4	
1/2	1,780.79	1/2	1,436.14	1/2	1,093.19	1/2	761.26	1/2	416.62	1/2	72.10	1/2		1/2		1/2		1/2	
3/4	1,773.61	3/4	1,428.96	3/4	1,086.30	3/4	754.08	3/4	409.44	3/4	64.95	3/4		3/4		3/4		3/4	
2	1,766.43	2	1,421.78	2	1,079.41	2	746.90	2	402.26	2	58.45	2		2		2		2	
1/4	1,759.25	1/4	1,414.60	1/4	1,072.52	1/4	739.72	1/4	395.08	1/4	51.95	1/4		1/4		1/4		1/4	
1/2	1,752.07	1/2	1,407.42	1/2	1,065.64	1/2	732.54	1/2	387.90	1/2	45.46	1/2		1/2		1/2		1/2	
3/4	1,744.89	3/4	1,400.24	3/4	1,058.75	3/4	725.36	3/4	380.72	3/4	38.96	3/4		3/4		3/4		3/4	
3	1,737.71	3	1,393.06	3	1,051.87	3	718.18	3	373.54	3	34.02	3		3		3		3	
1/4	1,730.53	1/4	1,385.88	1/4	1,044.99	1/4	711.00	1/4	366.36	1/4	29.09	1/4		1/4		1/4		1/4	
1/2	1,723.35	1/2	1,378.70	1/2	1,038.10	1/2	703.82	1/2	359.18	1/2	24.15	1/2		1/2		1/2		1/2	
3/4	1,716.17	3/4	1,371.52	3/4	1,031.22	3/4	696.64	3/4	352.00	3/4	19.21	3/4		3/4		3/4		3/4	
4	1,708.99	4	1,364.34	4	1,024.35	4	689.46	4	344.82	4		4		4		4		4	
1/4	1,701.81	1/4	1,357.16	1/4	1,017.47	1/4	682.28	1/4	337.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.63	1/2	1,349.98	1/2	1,010.59	1/2	675.10	1/2	330.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.45	3/4	1,342.80	3/4	1,003.71	3/4	667.92	3/4	323.28	3/4		3/4		3/4		3/4		3/4	
5	1,680.27	5	1,335.62	5	996.84	5	660.74	5	316.10	5		5		5		5		5	
1/4	1,673.09	1/4	1,328.44	1/4	989.96	1/4	653.56	1/4	308.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,665.91	1/2	1,321.26	1/2	983.09	1/2	646.38	1/2	301.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,658.73	3/4	1,314.08	3/4	976.21	3/4	639.20	3/4	294.56	3/4		3/4		3/4		3/4		3/4	
6	1,651.55	6	1,306.90	6	969.34	6	632.02	6	287.38	6		6		6		6		6	
1/4	1,644.37	1/4	1,299.72	1/4	962.46	1/4	624.84	1/4	280.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,637.19	1/2	1,292.54	1/2	955.59	1/2	617.66	1/2	273.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,630.01	3/4	1,285.36	3/4	948.71	3/4	610.48	3/4	265.84	3/4		3/4		3/4		3/4		3/4	
7	1,622.83	7	1,278.18	7	941.84	7	603.30	7	258.66	7		7		7		7		7	
1/4	1,615.65	1/4	1,271.00	1/4	934.96	1/4	596.12	1/4	251.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,608.47	1/2	1,263.82	1/2	928.09	1/2	588.94	1/2	244.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,601.29	3/4	1,256.64	3/4	921.21	3/4	581.76	3/4	237.12	3/4		3/4		3/4		3/4		3/4	
8	1,594.11	8	1,249.46	8	914.34	8	574.58	8	229.94	8		8		8		8		8	
1/4	1,586.93	1/4	1,242.28	1/4	907.46	1/4	567.40	1/4	222.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,579.75	1/2	1,235.10	1/2	900.59	1/2	560.22	1/2	215.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,572.57	3/4	1,227.92	3/4	893.71	3/4	553.04	3/4	208.40	3/4		3/4		3/4		3/4		3/4	
9	1,565.39	9	1,220.74	9	886.83	9	545.86	9	201.22	9		9		9		9		9	
1/4	1,558.21	1/4	1,213.56	1/4	879.96	1/4	538.68	1/4	194.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,551.03	1/2	1,206.38	1/2	873.08	1/2	531.50	1/2	186.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,543.85	3/4	1,199.20	3/4	866.21	3/4	524.32	3/4	179.68	3/4		3/4		3/4		3/4		3/4	
10	1,536.66	10	1,192.02	10	859.33	10	517.14	10	172.50	10		10		10		10		10	
1/4	1,529.48	1/4	1,184.84	1/4	852.46	1/4	509.96	1/4	165.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,522.30	1/2	1,177.65	1/2	845.58	1/2	502.78	1/2	158.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,515.12	3/4	1,170.47	3/4	838.71	3/4	495.60	3/4	150.96	3/4		3/4		3/4		3/4		3/4	
11	1,507.94	11	1,163.29	11	831.83	11	488.42	11	143.78	11		11		11		11		11	
1/4	1,500.76	1/4	1,156.11	1/4	824.96	1/4	481.24	1/4	136.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,493.58	1/2	1,148.93	1/2	818.08	1/2	474.06	1/2	129.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,486.40	3/4	1,141.75	3/4	811.21	3/4	466.88	3/4	122.24	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 334"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 3/4"

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	4,552.46	0	4,234.63	0	3,896.90	0	3,552.69	0	3,208.48	0	2,864.26	0	2,519.86	0	2,175.45		
1/4	1/4	1/4	1/4	1/4	4,546.06	1/4	4,227.79	1/4	3,889.73	1/4	3,545.52	1/4	3,201.30	1/4	2,857.09	1/4	2,512.68	1/4	2,168.28		
1/2	1/2	1/2	1/2	1/2	4,539.66	1/2	4,220.96	1/2	3,882.56	1/2	3,538.35	1/2	3,194.13	1/2	2,849.91	1/2	2,505.51	1/2	2,161.10		
3/4	3/4	3/4	3/4	3/4	4,847.93	3/4	4,533.26	3/4	4,214.12	3/4	3,875.39	3/4	3,531.18	3/4	3,186.96	3/4	2,842.74	3/4	2,498.33	3/4	2,153.93
1	1	1	1	1	4,841.89	1	4,526.82	1	4,207.24	1	3,868.22	1	3,524.00	1	3,179.79	1	2,835.56	1	2,491.16	1	2,146.75
1/4	1/4	1/4	1/4	1/4	4,835.86	1/4	4,520.39	1/4	4,200.36	1/4	3,861.05	1/4	3,516.83	1/4	3,172.62	1/4	2,828.39	1/4	2,483.98	1/4	2,139.58
1/2	1/2	1/2	1/2	1/2	4,829.82	1/2	4,513.96	1/2	4,193.47	1/2	3,853.87	1/2	3,509.66	1/2	3,165.45	1/2	2,821.21	1/2	2,476.81	1/2	2,132.40
3/4	3/4	3/4	3/4	3/4	4,823.78	3/4	4,507.53	3/4	4,186.59	3/4	3,846.70	3/4	3,502.49	3/4	3,158.28	3/4	2,814.04	3/4	2,469.63	3/4	2,125.23
2	2	2	2	2	4,816.85	2	4,501.03	2	4,179.66	2	3,839.53	2	3,495.32	2	3,151.11	2	2,806.86	2	2,462.46	2	2,118.05
1/4	1/4	1/4	1/4	1/4	4,809.91	1/4	4,494.54	1/4	4,172.74	1/4	3,832.36	1/4	3,488.15	1/4	3,143.94	1/4	2,799.69	1/4	2,455.28	1/4	2,110.88
1/2	1/2	1/2	1/2	1/2	4,802.98	1/2	4,488.05	1/2	4,165.82	1/2	3,825.19	1/2	3,480.98	1/2	3,136.76	1/2	2,792.51	1/2	2,448.11	1/2	2,103.70
3/4	3/4	3/4	3/4	3/4	4,796.04	3/4	4,481.55	3/4	4,158.90	3/4	3,818.02	3/4	3,473.81	3/4	3,129.59	3/4	2,785.34	3/4	2,440.93	3/4	2,096.53
3	3	3	3	3	4,788.93	3	4,475.02	3	4,151.95	3	3,810.85	3	3,466.64	3	3,122.42	3	2,778.16	3	2,433.76	3	2,089.35
1/4	1/4	1/4	1/4	1/4	4,781.81	1/4	4,468.48	1/4	4,144.99	1/4	3,803.68	1/4	3,459.46	1/4	3,115.25	1/4	2,770.99	1/4	2,426.58	1/4	2,082.18
1/2	1/2	1/2	1/2	1/2	4,774.70	1/2	4,461.95	1/2	4,138.04	1/2	3,796.51	1/2	3,452.29	1/2	3,108.08	1/2	2,763.81	1/2	2,419.41	1/2	2,075.00
3/4	3/4	3/4	3/4	3/4	4,767.59	3/4	4,455.41	3/4	4,131.09	3/4	3,789.33	3/4	3,445.12	3/4	3,100.91	3/4	2,756.64	3/4	2,412.23	3/4	2,067.83
4	4	4	4	4	4,760.47	4	4,448.84	4	4,124.10	4	3,782.16	4	3,437.95	4	3,093.74	4	2,749.46	4	2,405.06	4	2,060.65
1/4	1/4	1/4	1/4	1/4	4,753.36	1/4	4,442.26	1/4	4,117.12	1/4	3,774.99	1/4	3,430.78	1/4	3,086.57	1/4	2,742.29	1/4	2,397.88	1/4	2,053.48
1/2	1/2	1/2	1/2	1/2	4,746.25	1/2	4,435.69	1/2	4,110.13	1/2	3,767.82	1/2	3,423.61	1/2	3,079.40	1/2	2,735.11	1/2	2,390.71	1/2	2,046.30
3/4	3/4	3/4	3/4	3/4	4,739.13	3/4	4,429.12	3/4	4,103.15	3/4	3,760.65	3/4	3,416.44	3/4	3,072.22	3/4	2,727.94	3/4	2,383.53	3/4	2,039.13
5	5	5	5	5	4,732.02	5	4,422.51	5	4,096.13	5	3,753.48	5	3,409.27	5	3,065.05	5	2,720.76	5	2,376.36	5	2,031.95
1/4	1/4	1/4	1/4	1/4	4,724.90	1/4	4,415.90	1/4	4,089.11	1/4	3,746.31	1/4	3,402.10	1/4	3,057.88	1/4	2,713.59	1/4	2,369.18	1/4	2,024.78
1/2	1/2	1/2	1/2	1/2	4,717.79	1/2	4,409.30	1/2	4,082.10	1/2	3,739.14	1/2	3,394.92	1/2	3,050.71	1/2	2,706.41	1/2	2,362.01	1/2	2,017.60
3/4	3/4	3/4	3/4	3/4	4,710.68	3/4	4,402.69	3/4	4,075.08	3/4	3,731.97	3/4	3,387.75	3/4	3,043.54	3/4	2,699.24	3/4	2,354.83	3/4	2,010.43
6	6	6	6	6	4,704.24	6	4,396.05	6	4,068.03	6	3,724.79	6	3,380.58	6	3,036.37	6	2,692.06	6	2,347.66	6	2,003.25
1/4	1/4	1/4	1/4	1/4	4,697.80	1/4	4,389.41	1/4	4,060.97	1/4	3,717.62	1/4	3,373.41	1/4	3,029.20	1/4	2,684.89	1/4	2,340.48	1/4	1,996.08
1/2	1/2	1/2	1/2	1/2	4,691.36	1/2	4,382.77	1/2	4,053.92	1/2	3,710.45	1/2	3,366.24	1/2	3,022.03	1/2	2,677.71	1/2	2,333.31	1/2	1,988.90
3/4	3/4	3/4	3/4	3/4	4,684.92	3/4	4,376.14	3/4	4,046.86	3/4	3,703.28	3/4	3,359.07	3/4	3,014.86	3/4	2,670.54	3/4	2,326.13	3/4	1,981.73
7	7	7	7	7	4,678.68	7	4,369.47	7	4,039.77	7	3,696.11	7	3,351.90	7	3,007.68	7	2,663.36	7	2,318.96	7	1,975.06
1/4	1/4	1/4	1/4	1/4	4,672.44	1/4	4,362.80	1/4	4,032.69	1/4	3,688.94	1/4	3,344.73	1/4	3,000.51	1/4	2,656.19	1/4	2,311.78	1/4	1,968.39
1/2	1/2	1/2	1/2	1/2	4,666.21	1/2	4,356.12	1/2	4,025.60	1/2	3,681.77	1/2	3,337.56	1/2	2,993.34	1/2	2,649.01	1/2	2,304.61	1/2	1,961.73
3/4	3/4	3/4	3/4	3/4	4,659.97	3/4	4,349.45	3/4	4,018.51	3/4	3,674.60	3/4	3,330.38	3/4	2,986.17	3/4	2,641.83	3/4	2,297.43	3/4	1,955.06
8	8	8	8	8	4,653.70	8	4,342.75	8	4,011.39	8	3,667.43	8	3,323.21	8	2,979.00	8	2,634.66	8	2,290.25	8	1,948.56
1/4	1/4	1/4	1/4	1/4	4,647.43	1/4	4,336.05	1/4	4,004.27	1/4	3,660.26	1/4	3,316.04	1/4	2,971.83	1/4	2,627.48	1/4	2,283.08	1/4	1,942.07
1/2	1/2	1/2	1/2	1/2	4,641.17	1/2	4,329.35	1/2	3,997.15	1/2	3,653.08	1/2	3,308.87	1/2	2,964.66	1/2	2,620.31	1/2	2,275.90	1/2	1,935.57
3/4	3/4	3/4	3/4	3/4	4,634.90	3/4	4,322.65	3/4	3,990.03	3/4	3,645.91	3/4	3,301.70	3/4	2,957.49	3/4	2,613.13	3/4	2,268.73	3/4	1,929.07
9	9	9	9	9	4,628.60	9	4,315.91	9	3,982.88	9	3,638.74	9	3,294.53	9	2,950.32	9	2,605.96	9	2,261.55	9	1,922.09
1/4	1/4	1/4	1/4	1/4	4,622.29	1/4	4,309.18	1/4	3,975.73	1/4	3,631.57	1/4	3,287.36	1/4	2,943.15	1/4	2,598.78	1/4	2,254.38	1/4	1,915.11
1/2	1/2	1/2	1/2	1/2	4,615.99	1/2	4,302.45	1/2	3,968.58	1/2	3,624.40	1/2	3,280.19	1/2	2,935.97	1/2	2,591.61	1/2	2,247.20	1/2	1,908.13
3/4	3/4	3/4	3/4	3/4	4,609.68	3/4	4,295.71	3/4	3,961.43	3/4	3,617.23	3/4	3,273.02	3/4	2,928.80	3/4	2,584.43	3/4	2,240.03	3/4	1,901.15
10	10	10	10	10	4,603.35	10	4,288.95	10	3,954.26	10	3,610.06	10	3,265.84	10	2,921.63	10	2,577.26	10	2,232.85	10	1,894.01
1/4	1/4	1/4	1/4	1/4	4,597.01	1/4	4,282.18	1/4	3,947.09	1/4	3,602.89	1/4	3,258.67	1/4	2,914.46	1/4	2,570.08	1/4	2,225.68	1/4	1,886.87
1/2	1/2	1/2	1/2	1/2	4,590.67	1/2	4,275.42	1/2	3,939.92	1/2	3,595.72	1/2	3,251.50	1/2	2,907.29	1/2	2,562.91	1/2	2,218.50	1/2	1,879.73
3/4	3/4	3/4	3/4	3/4	4,584.33	3/4	4,268.65	3/4	3,932.76	3/4	3,588.54	3/4	3,244.33	3/4	2,900.12	3/4	2,555.73	3/4	2,211.33	3/4	1,872.59
11	11	11	11	11	4,577.97	11	4,261.86	11	3,925.59	11	3,581.37	11	3,237.16	11	2,892.95	11	2,548.56	11	2,204.15	11	1,865.45
1/4	1/4	1/4	1/4	1/4	4,571.60	1/4	4,255.06	1/4	3,918.41	1/4	3,574.20	1/4	3,229.99	1/4	2,885.78	1/4	2,541.38	1/4	2,196.98	1/4	1,858.31
1/2	1/2	1/2	1/2	1/2	4,565.23	1/2	4,248.26	1/2	3,911.24	1/2	3,567.03	1/2	3,222.82	1/2	2,878.61	1/2	2,534.21	1/2	2,189.80	1/2	1,851.17
3/4	3/4	3/4	3/4	3/4	4,558.86	3/4	4,241.46	3/4	3,904.07	3/4	3,559.86	3/4	3,215.65	3/4	2,871.43	3/4	2,527.03	3/4	2,182.63	3/4	1,844.03

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 334"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-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	1,836.86	0	1,492.41	0	1,147.94	0	803.91	0	459.46	0	115.01	0		0		0		0	
1/4	1,829.69	1/4	1,485.23	1/4	1,140.76	1/4	796.74	1/4	452.28	1/4	107.84	1/4		1/4		1/4		1/4	
1/2	1,822.52	1/2	1,478.06	1/2	1,133.58	1/2	789.56	1/2	445.10	1/2	100.67	1/2		1/2		1/2		1/2	
3/4	1,815.35	3/4	1,470.88	3/4	1,126.41	3/4	782.39	3/4	437.93	3/4	93.50	3/4		3/4		3/4		3/4	
1	1,808.17	1	1,463.70	1	1,119.23	1	775.21	1	430.75	1	86.35	1		1		1		1	
1/4	1,801.00	1/4	1,456.53	1/4	1,112.05	1/4	768.04	1/4	423.58	1/4	79.21	1/4		1/4		1/4		1/4	
1/2	1,793.82	1/2	1,449.35	1/2	1,104.88	1/2	760.86	1/2	416.40	1/2	72.06	1/2		1/2		1/2		1/2	
3/4	1,786.64	3/4	1,442.17	3/4	1,097.70	3/4	753.69	3/4	409.22	3/4	64.91	3/4		3/4		3/4		3/4	
2	1,779.47	2	1,435.00	2	1,090.53	2	746.51	2	402.05	2	58.42	2		2		2		2	
1/4	1,772.29	1/4	1,427.82	1/4	1,083.36	1/4	739.33	1/4	394.87	1/4	51.92	1/4		1/4		1/4		1/4	
1/2	1,765.12	1/2	1,420.64	1/2	1,076.18	1/2	732.16	1/2	387.69	1/2	45.43	1/2		1/2		1/2		1/2	
3/4	1,757.94	3/4	1,413.47	3/4	1,069.01	3/4	724.98	3/4	380.52	3/4	38.94	3/4		3/4		3/4		3/4	
3	1,750.76	3	1,406.29	3	1,061.84	3	717.80	3	373.34	3	34.00	3		3		3		3	
1/4	1,743.59	1/4	1,399.11	1/4	1,054.67	1/4	710.63	1/4	366.17	1/4	29.07	1/4		1/4		1/4		1/4	
1/2	1,736.41	1/2	1,391.94	1/2	1,047.50	1/2	703.45	1/2	358.99	1/2	24.14	1/2		1/2		1/2		1/2	
3/4	1,729.23	3/4	1,384.76	3/4	1,040.33	3/4	696.28	3/4	351.81	3/4	19.20	3/4		3/4		3/4		3/4	
4	1,722.06	4	1,377.58	4	1,033.16	4	689.10	4	344.64	4		4		4		4		4	
1/4	1,714.88	1/4	1,370.41	1/4	1,026.00	1/4	681.92	1/4	337.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,707.70	1/2	1,363.23	1/2	1,018.83	1/2	674.75	1/2	330.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,700.53	3/4	1,356.05	3/4	1,011.67	3/4	667.57	3/4	323.11	3/4		3/4		3/4		3/4		3/4	
5	1,693.35	5	1,348.88	5	1,004.50	5	660.39	5	315.93	5		5		5		5		5	
1/4	1,686.17	1/4	1,341.70	1/4	997.34	1/4	653.22	1/4	308.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,679.00	1/2	1,334.53	1/2	990.18	1/2	646.04	1/2	301.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,671.82	3/4	1,327.35	3/4	983.01	3/4	638.86	3/4	294.40	3/4		3/4		3/4		3/4		3/4	
6	1,664.64	6	1,320.17	6	975.85	6	631.69	6	287.23	6		6		6		6		6	
1/4	1,657.47	1/4	1,313.00	1/4	968.68	1/4	624.51	1/4	280.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,650.29	1/2	1,305.82	1/2	961.52	1/2	617.34	1/2	272.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,643.11	3/4	1,298.64	3/4	954.36	3/4	610.16	3/4	265.70	3/4		3/4		3/4		3/4		3/4	
7	1,635.94	7	1,291.47	7	947.19	7	602.98	7	258.52	7		7		7		7		7	
1/4	1,628.76	1/4	1,284.29	1/4	940.03	1/4	595.81	1/4	251.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,621.59	1/2	1,277.11	1/2	932.87	1/2	588.63	1/2	244.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,614.41	3/4	1,269.94	3/4	925.70	3/4	581.45	3/4	236.99	3/4		3/4		3/4		3/4		3/4	
8	1,607.23	8	1,262.76	8	918.54	8	574.28	8	229.82	8		8		8		8		8	
1/4	1,600.06	1/4	1,255.58	1/4	911.38	1/4	567.10	1/4	222.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,592.88	1/2	1,248.41	1/2	904.21	1/2	559.93	1/2	215.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,585.70	3/4	1,241.23	3/4	897.05	3/4	552.75	3/4	208.29	3/4		3/4		3/4		3/4		3/4	
9	1,578.53	9	1,234.05	9	889.89	9	545.57	9	201.11	9		9		9		9		9	
1/4	1,571.35	1/4	1,226.88	1/4	882.72	1/4	538.40	1/4	193.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,564.17	1/2	1,219.70	1/2	875.56	1/2	531.22	1/2	186.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,557.00	3/4	1,212.52	3/4	868.39	3/4	524.04	3/4	179.58	3/4		3/4		3/4		3/4		3/4	
10	1,549.82	10	1,205.35	10	861.23	10	516.87	10	172.41	10		10		10		10		10	
1/4	1,542.64	1/4	1,198.17	1/4	854.07	1/4	509.69	1/4	165.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,535.47	1/2	1,191.00	1/2	846.90	1/2	502.52	1/2	158.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,528.29	3/4	1,183.82	3/4	839.74	3/4	495.34	3/4	150.88	3/4		3/4		3/4		3/4		3/4	
11	1,521.11	11	1,176.64	11	832.58	11	488.16	11	143.70	11		11		11		11		11	
1/4	1,513.94	1/4	1,169.47	1/4	825.41	1/4	480.99	1/4	136.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,506.76	1/2	1,162.29	1/2	818.25	1/2	473.81	1/2	129.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,499.58	3/4	1,155.11	3/4	811.09	3/4	466.63	3/4	122.17	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

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



BARGE "CTCo 334"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0	4,416.50	0	4,239.00	0	4,057.30	0	3,864.53	0	3,668.98	0	3,337.66	0	2,974.28	0	2,610.69	0	2,248.32		
1/4		1/4	4,413.60	1/4	4,235.35	1/4	4,053.39	1/4	3,860.46	1/4	3,664.91	1/4	3,330.11	1/4	2,966.71	1/4	2,603.11	1/4	2,240.81		
1/2		1/2	4,410.70	1/2	4,231.70	1/2	4,049.48	1/2	3,856.38	1/2	3,660.83	1/2	3,322.56	1/2	2,959.13	1/2	2,595.53	1/2	2,233.29		
3/4		3/4	4,406.86	3/4	4,228.02	3/4	4,045.54	3/4	3,852.31	3/4	3,656.76	3/4	3,314.99	3/4	2,951.56	3/4	2,587.94	3/4	2,225.77		
1		1	4,403.01	1	4,224.33	1	4,041.61	1	3,848.24	1	3,652.68	1	3,307.43	1	2,943.99	1	2,580.36	1	2,218.25		
1/4		1/4	4,399.16	1/4	4,220.65	1/4	4,037.68	1/4	3,844.16	1/4	3,648.61	1/4	3,299.86	1/4	2,936.41	1/4	2,572.78	1/4	2,210.73		
1/2		1/2	4,395.32	1/2	4,216.96	1/2	4,033.75	1/2	3,840.09	1/2	3,644.54	1/2	3,292.29	1/2	2,928.84	1/2	2,565.20	1/2	2,203.21		
3/4		3/4	4,391.28	3/4	4,213.25	3/4	4,029.80	3/4	3,836.01	3/4	3,639.14	3/4	3,284.72	3/4	2,921.26	3/4	2,557.62	3/4	2,195.70		
2		2	4,387.25	2	4,209.54	2	4,025.85	2	3,831.94	2	3,633.75	2	3,277.15	2	2,913.69	2	2,550.04	2	2,188.18		
1/4		1/4	4,383.21	1/4	4,205.83	1/4	4,021.90	1/4	3,827.87	1/4	3,628.36	1/4	3,269.58	1/4	2,906.11	1/4	2,542.46	1/4	2,180.66		
1/2		1/2	4,379.18	1/2	4,202.12	1/2	4,017.95	1/2	3,823.79	1/2	3,622.96	1/2	3,262.01	1/2	2,898.54	1/2	2,534.88	1/2	2,173.14		
3/4		3/4	4,375.14	3/4	4,198.39	3/4	4,013.98	3/4	3,819.72	3/4	3,615.83	3/4	3,254.44	3/4	2,890.97	3/4	2,527.32	3/4	2,165.62		
3		3	4,371.11	3	4,194.65	3	4,010.01	3	3,815.64	3	3,608.70	3	3,246.87	3	2,883.39	3	2,519.77	3	2,158.10		
1/4		1/4	4,367.07	1/4	4,190.92	1/4	4,006.04	1/4	3,811.57	1/4	3,601.57	1/4	3,239.29	1/4	2,875.82	1/4	2,512.22	1/4	2,150.58		
1/2		1/2	4,363.04	1/2	4,187.19	1/2	4,002.07	1/2	3,807.50	1/2	3,594.44	1/2	3,231.72	1/2	2,868.24	1/2	2,504.66	1/2	2,143.07		
3/4		3/4	4,359.00	3/4	4,183.44	3/4	3,998.09	3/4	3,803.42	3/4	3,586.88	3/4	3,224.15	3/4	2,860.67	3/4	2,497.12	3/4	2,135.55		
4		4	4,354.97	4	4,179.69	4	3,994.10	4	3,799.35	4	3,579.32	4	3,216.58	4	2,853.10	4	2,489.58	4	2,128.03		
1/4		1/4	4,350.93	1/4	4,175.94	1/4	3,990.11	1/4	3,795.27	1/4	3,571.76	1/4	3,209.01	1/4	2,845.52	1/4	2,482.03	1/4	2,120.51		
1/2		1/2	4,346.90	1/2	4,172.18	1/2	3,986.13	1/2	3,791.20	1/2	3,564.19	1/2	3,201.44	1/2	2,837.95	1/2	2,474.49	1/2	2,112.99		
3/4		3/4	4,343.25	3/4	4,168.42	3/4	3,982.12	3/4	3,787.13	3/4	3,556.64	3/4	3,193.87	3/4	2,830.37	3/4	2,466.95	3/4	2,105.47		
5		5	4,339.59	5	4,164.65	5	3,978.11	5	3,783.05	5	3,549.09	5	3,186.29	5	2,822.80	5	2,459.41	5	2,097.95		
1/4		1/4	4,335.94	1/4	4,160.88	1/4	3,974.11	1/4	3,778.98	1/4	3,541.53	1/4	3,178.72	1/4	2,815.23	1/4	2,451.86	1/4	2,090.44		
1/2		1/2	4,332.29	1/2	4,157.11	1/2	3,970.10	1/2	3,774.90	1/2	3,533.98	1/2	3,171.15	1/2	2,807.65	1/2	2,444.32	1/2	2,082.92		
3/4		3/4	4,328.75	3/4	4,153.32	3/4	3,966.07	3/4	3,770.83	3/4	3,526.43	3/4	3,163.58	3/4	2,800.08	3/4	2,436.78	3/4	2,075.94		
6		6	4,325.22	6	4,149.53	6	3,962.04	6	3,766.76	6	3,518.88	6	3,156.01	6	2,792.50	6	2,429.23	6	2,068.96		
1/4		1/4	4,321.68	1/4	4,145.75	1/4	3,958.02	1/4	3,762.68	1/4	3,511.33	1/4	3,148.44	1/4	2,784.93	1/4	2,421.69	1/4	2,061.98		
1/2		1/2	4,318.14	1/2	4,141.96	1/2	3,953.99	1/2	3,758.61	1/2	3,503.78	1/2	3,140.87	1/2	2,777.36	1/2	2,414.15	1/2	2,055.00		
3/4		3/4	4,314.59	3/4	4,138.15	3/4	3,949.95	3/4	3,754.53	3/4	3,496.23	3/4	3,133.30	3/4	2,769.78	3/4	2,406.61	3/4	2,048.20		
7		7	4,311.03	7	4,134.35	7	3,945.90	7	3,750.46	7	3,488.68	7	3,125.72	7	2,762.21	7	2,399.06	7	2,041.40		
1/4		1/4	4,307.48	1/4	4,130.54	1/4	3,941.86	1/4	3,746.39	1/4	3,481.13	1/4	3,118.15	1/4	2,754.63	1/4	2,391.52	1/4	2,034.60		
1/2		1/2	4,303.93	1/2	4,126.74	1/2	3,937.81	1/2	3,742.31	1/2	3,473.57	1/2	3,110.58	1/2	2,747.06	1/2	2,383.98	1/2	2,027.80		
3/4		3/4	4,300.35	3/4	4,122.91	3/4	3,933.75	3/4	3,738.24	3/4	3,466.02	3/4	3,103.01	3/4	2,739.48	3/4	2,376.43	3/4	2,020.48		
8		8	4,296.78	8	4,119.09	8	3,929.69	8	3,734.16	8	3,458.47	8	3,095.44	8	2,731.91	8	2,368.89	8	2,013.17		
1/4		1/4	4,293.20	1/4	4,115.27	1/4	3,925.62	1/4	3,730.09	1/4	3,450.92	1/4	3,087.87	1/4	2,724.34	1/4	2,361.35	1/4	2,005.86		
1/2		1/2	4,289.63	1/2	4,111.44	1/2	3,921.56	1/2	3,726.02	1/2	3,443.37	1/2	3,080.30	1/2	2,716.76	1/2	2,353.81	1/2	1,998.54		
3/4		3/4	4,286.04	3/4	4,107.60	3/4	3,917.49	3/4	3,721.94	3/4	3,435.82	3/4	3,072.72	3/4	2,709.19	3/4	2,346.26	3/4	1,991.06		
9		9	4,282.44	9	4,103.76	9	3,913.42	9	3,717.87	9	3,428.27	9	3,065.15	9	2,701.61	9	2,338.72	9	1,983.57		
1/4		1/4	4,278.85	1/4	4,099.92	1/4	3,909.34	1/4	3,713.79	1/4	3,420.72	1/4	3,057.58	1/4	2,694.04	1/4	2,331.18	1/4	1,976.09		
1/2		1/2	4,275.26	1/2	4,096.08	1/2	3,905.27	1/2	3,709.72	1/2	3,413.17	1/2	3,050.01	1/2	2,686.47	1/2	2,323.63	1/2	1,968.61		
3/4		3/4	4,271.65	3/4	4,092.22	3/4	3,901.20	3/4	3,705.65	3/4	3,405.62	3/4	3,042.44	3/4	2,678.89	3/4	2,316.09	3/4	1,961.12		
10		10	4,268.03	10	4,088.36	10	3,897.12	10	3,701.57	10	3,398.07	10	3,034.87	10	2,671.32	10	2,308.55	10	1,953.64		
1/4		1/4	4,264.42	1/4	4,084.50	1/4	3,893.05	1/4	3,697.50	1/4	3,390.52	1/4	3,027.30	1/4	2,663.74	1/4	2,301.00	1/4	1,946.15		
1/2		1/2	4,260.81	1/2	4,080.64	1/2	3,888.98	1/2	3,693.42	1/2	3,382.97	1/2	3,019.72	1/2	2,656.17	1/2	2,293.46	1/2	1,938.67		
3/4		3/4	4,257.18	3/4	4,076.76	3/4	3,884.90	3/4	3,689.35	3/4	3,375.42	3/4	3,012.15	3/4	2,648.59	3/4	2,285.94	3/4	1,931.11		
11		11	4,253.55	11	4,072.88	11	3,880.83	11	3,685.28	11	3,367.86	11	3,004.58	11	2,641.01	11	2,278.41	11	1,923.55		
1/4		1/4	4,249.92	1/4	4,069.00	1/4	3,876.75	1/4	3,681.20	1/4	3,360.31	1/4	2,997.00	1/4	2,633.43	1/4	2,270.89	1/4	1,915.99		
1/2		1/2	4,422.29	1/2	4,246.29	1/2	4,065.12	1/2	3,872.68	1/2	3,677.13	1/2	3,352.76	1/2	2,989.43	1/2	2,625.85	1/2	2,263.36	1/2	1,908.43
3/4		3/4	4,419.39	3/4	4,242.65	3/4	4,061.21	3/4	3,868.61	3/4	3,673.05	3/4	3,345.21	3/4	2,981.86	3/4	2,618.27	3/4	2,255.84	3/4	1,900.85

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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

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



BARGE "CTCo 334"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	1,893.27	0	1,529.29	0	1,166.36	0	812.12	0	447.95	0	83.85	0		0		0		0	
1/4	1,885.68	1/4	1,521.71	1/4	1,158.99	1/4	804.53	1/4	440.36	1/4	76.28	1/4		1/4		1/4		1/4	
1/2	1,878.10	1/2	1,514.12	1/2	1,151.62	1/2	796.95	1/2	432.78	1/2	68.72	1/2		1/2		1/2		1/2	
3/4	1,870.52	3/4	1,506.54	3/4	1,144.25	3/4	789.36	3/4	425.19	3/4	61.84	3/4		3/4		3/4		3/4	
1	1,862.94	1	1,498.96	1	1,136.89	1	781.77	1	417.60	1	54.96	1		1		1		1	
1/4	1,855.35	1/4	1,491.37	1/4	1,129.52	1/4	774.19	1/4	410.02	1/4	48.09	1/4		1/4		1/4		1/4	
1/2	1,847.77	1/2	1,483.79	1/2	1,122.16	1/2	766.60	1/2	402.43	1/2	41.21	1/2		1/2		1/2		1/2	
3/4	1,840.19	3/4	1,476.21	3/4	1,114.80	3/4	759.01	3/4	394.85	3/4	35.99	3/4		3/4		3/4		3/4	
2	1,832.60	2	1,468.63	2	1,107.44	2	751.43	2	387.26	2	30.76	2		2		2		2	
1/4	1,825.02	1/4	1,461.04	1/4	1,100.08	1/4	743.84	1/4	379.68	1/4	25.54	1/4		1/4		1/4		1/4	
1/2	1,817.44	1/2	1,453.46	1/2	1,092.72	1/2	736.25	1/2	372.09	1/2	20.31	1/2		1/2		1/2		1/2	
3/4	1,809.86	3/4	1,445.88	3/4	1,085.36	3/4	728.66	3/4	364.50	3/4		3/4		3/4		3/4		3/4	
3	1,802.27	3	1,438.29	3	1,078.01	3	721.08	3	356.92	3		3		3		3		3	
1/4	1,794.69	1/4	1,430.71	1/4	1,070.65	1/4	713.49	1/4	349.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,787.11	1/2	1,423.13	1/2	1,063.30	1/2	705.90	1/2	341.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,779.52	3/4	1,415.55	3/4	1,055.95	3/4	698.32	3/4	334.16	3/4		3/4		3/4		3/4		3/4	
4	1,771.94	4	1,407.96	4	1,048.59	4	690.73	4	326.58	4		4		4		4		4	
1/4	1,764.36	1/4	1,400.38	1/4	1,041.24	1/4	683.14	1/4	318.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,756.78	1/2	1,392.80	1/2	1,033.89	1/2	675.55	1/2	311.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,749.19	3/4	1,385.21	3/4	1,026.53	3/4	667.97	3/4	303.82	3/4		3/4		3/4		3/4		3/4	
5	1,741.61	5	1,377.63	5	1,019.18	5	660.38	5	296.23	5		5		5		5		5	
1/4	1,734.03	1/4	1,370.05	1/4	1,011.83	1/4	652.79	1/4	288.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,726.44	1/2	1,362.46	1/2	1,004.47	1/2	645.21	1/2	281.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,718.86	3/4	1,354.88	3/4	997.12	3/4	637.62	3/4	273.48	3/4		3/4		3/4		3/4		3/4	
6	1,711.28	6	1,347.30	6	989.77	6	630.03	6	265.89	6		6		6		6		6	
1/4	1,703.70	1/4	1,339.72	1/4	982.41	1/4	622.44	1/4	258.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,696.11	1/2	1,332.13	1/2	975.06	1/2	614.86	1/2	250.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,688.53	3/4	1,324.55	3/4	967.71	3/4	607.27	3/4	243.13	3/4		3/4		3/4		3/4		3/4	
7	1,680.95	7	1,316.97	7	960.35	7	599.68	7	235.55	7		7		7		7		7	
1/4	1,673.36	1/4	1,309.38	1/4	953.00	1/4	592.10	1/4	227.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,665.78	1/2	1,301.80	1/2	945.65	1/2	584.51	1/2	220.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,658.20	3/4	1,294.22	3/4	938.29	3/4	576.92	3/4	212.78	3/4		3/4		3/4		3/4		3/4	
8	1,650.62	8	1,286.64	8	930.94	8	569.33	8	205.20	8		8		8		8		8	
1/4	1,643.03	1/4	1,279.05	1/4	923.59	1/4	561.75	1/4	197.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,635.45	1/2	1,271.47	1/2	916.24	1/2	554.16	1/2	190.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,627.87	3/4	1,263.89	3/4	908.88	3/4	546.57	3/4	182.44	3/4		3/4		3/4		3/4		3/4	
9	1,620.28	9	1,256.30	9	901.53	9	538.99	9	174.85	9		9		9		9		9	
1/4	1,612.70	1/4	1,248.72	1/4	894.18	1/4	531.40	1/4	167.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,605.12	1/2	1,241.14	1/2	886.82	1/2	523.81	1/2	159.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,597.53	3/4	1,233.56	3/4	879.47	3/4	516.22	3/4	152.08	3/4		3/4		3/4		3/4		3/4	
10	1,589.95	10	1,225.97	10	872.12	10	508.64	10	144.50	10		10		10		10		10	
1/4	1,582.37	1/4	1,218.39	1/4	864.76	1/4	501.05	1/4	136.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,574.79	1/2	1,210.81	1/2	857.41	1/2	493.46	1/2	129.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,567.20	3/4	1,203.38	3/4	849.88	3/4	485.88	3/4	121.74	3/4		3/4		3/4		3/4		3/4	
11	1,559.62	11	1,195.96	11	842.35	11	478.29	11	114.15	11		11		11		11		11	
1/4	1,552.04	1/4	1,188.53	1/4	834.82	1/4	470.70	1/4	106.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,544.45	1/2	1,181.11	1/2	827.30	1/2	463.12	1/2	98.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,536.87	3/4	1,173.73	3/4	819.71	3/4	455.53	3/4	91.42	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

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



BARGE "CTCo 334"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	4,439.99	0	4,264.30	0	4,083.43	0	3,891.29	0	3,696.04	0	3,371.46	0	3,007.60	0	2,643.50	0	2,279.07
1/4		1/4	4,437.10	1/4	4,260.66	1/4	4,079.53	1/4	3,887.22	1/4	3,691.97	1/4	3,363.90	1/4	3,000.02	1/4	2,635.91	1/4	2,271.48
1/2		1/2	4,434.21	1/2	4,257.02	1/2	4,075.62	1/2	3,883.15	1/2	3,687.90	1/2	3,356.34	1/2	2,992.43	1/2	2,628.32	1/2	2,263.89
3/4		3/4	4,431.32	3/4	4,253.38	3/4	4,071.72	3/4	3,879.08	3/4	3,683.83	3/4	3,348.78	3/4	2,984.85	3/4	2,620.73	3/4	2,256.30
1		1	4,428.43	1	4,249.74	1	4,067.81	1	3,875.02	1	3,679.77	1	3,341.22	1	2,977.26	1	2,613.13	1	2,248.70
1/4		1/4	4,424.59	1/4	4,246.06	1/4	4,063.89	1/4	3,870.95	1/4	3,675.70	1/4	3,333.64	1/4	2,969.68	1/4	2,605.54	1/4	2,241.11
1/2		1/2	4,420.75	1/2	4,242.38	1/2	4,059.96	1/2	3,866.88	1/2	3,671.63	1/2	3,326.06	1/2	2,962.09	1/2	2,597.95	1/2	2,233.52
3/4		3/4	4,416.91	3/4	4,238.70	3/4	4,056.03	3/4	3,862.81	3/4	3,667.56	3/4	3,318.48	3/4	2,954.51	3/4	2,590.36	3/4	2,225.93
2		2	4,413.07	2	4,235.02	2	4,052.11	2	3,858.74	2	3,663.50	2	3,310.91	2	2,946.92	2	2,582.77	2	2,218.34
1/4		1/4	4,409.04	1/4	4,231.32	1/4	4,048.16	1/4	3,854.68	1/4	3,658.11	1/4	3,303.32	1/4	2,939.34	1/4	2,575.17	1/4	2,210.74
1/2		1/2	4,405.02	1/2	4,227.61	1/2	4,044.22	1/2	3,850.61	1/2	3,652.72	1/2	3,295.74	1/2	2,931.75	1/2	2,567.58	1/2	2,203.15
3/4		3/4	4,400.99	3/4	4,223.91	3/4	4,040.28	3/4	3,846.54	3/4	3,647.33	3/4	3,288.16	3/4	2,924.17	3/4	2,559.99	3/4	2,195.56
3		3	4,396.96	3	4,220.20	3	4,036.33	3	3,842.47	3	3,643.95	3	3,280.58	3	2,916.58	3	2,552.40	3	2,187.97
1/4		1/4	4,392.93	1/4	4,216.48	1/4	4,032.37	1/4	3,838.41	1/4	3,634.82	1/4	3,272.99	1/4	2,909.00	1/4	2,544.80	1/4	2,180.37
1/2		1/2	4,388.90	1/2	4,212.75	1/2	4,028.41	1/2	3,834.34	1/2	3,627.69	1/2	3,265.41	1/2	2,901.41	1/2	2,537.21	1/2	2,172.78
3/4		3/4	4,384.87	3/4	4,209.03	3/4	4,024.45	3/4	3,830.27	3/4	3,620.56	3/4	3,257.83	3/4	2,893.83	3/4	2,529.62	3/4	2,165.19
4		4	4,380.84	4	4,205.30	4	4,020.48	4	3,826.20	4	3,613.43	4	3,250.25	4	2,886.24	4	2,522.03	4	2,157.60
1/4		1/4	4,376.82	1/4	4,201.55	1/4	4,016.50	1/4	3,822.14	1/4	3,605.87	1/4	3,242.66	1/4	2,878.66	1/4	2,514.43	1/4	2,150.00
1/2		1/2	4,372.79	1/2	4,197.81	1/2	4,012.52	1/2	3,818.07	1/2	3,598.31	1/2	3,235.08	1/2	2,871.07	1/2	2,506.84	1/2	2,142.41
3/4		3/4	4,368.76	3/4	4,194.06	3/4	4,008.54	3/4	3,814.00	3/4	3,590.75	3/4	3,227.50	3/4	2,863.49	3/4	2,499.25	3/4	2,134.82
5		5	4,364.73	5	4,190.32	5	4,004.56	5	3,809.93	5	3,583.19	5	3,219.92	5	2,855.90	5	2,491.66	5	2,127.23
1/4		1/4	4,361.08	1/4	4,186.56	1/4	4,000.56	1/4	3,805.86	1/4	3,575.63	1/4	3,212.34	1/4	2,848.32	1/4	2,484.07	1/4	2,119.64
1/2		1/2	4,357.44	1/2	4,182.79	1/2	3,996.56	1/2	3,801.80	1/2	3,568.06	1/2	3,204.75	1/2	2,840.73	1/2	2,476.47	1/2	2,112.04
3/4		3/4	4,353.79	3/4	4,179.03	3/4	3,992.56	3/4	3,797.73	3/4	3,560.50	3/4	3,197.17	3/4	2,833.15	3/4	2,468.88	3/4	2,104.45
6		6	4,350.15	6	4,175.27	6	3,988.56	6	3,793.66	6	3,552.94	6	3,189.59	6	2,825.56	6	2,461.29	6	2,096.86
1/4		1/4	4,346.62	1/4	4,171.49	1/4	3,984.54	1/4	3,789.59	1/4	3,545.38	1/4	3,182.01	1/4	2,817.98	1/4	2,453.70	1/4	2,089.81
1/2		1/2	4,343.09	1/2	4,167.71	1/2	3,980.52	1/2	3,785.53	1/2	3,537.82	1/2	3,174.42	1/2	2,810.39	1/2	2,446.10	1/2	2,082.75
3/4		3/4	4,339.55	3/4	4,163.92	3/4	3,976.50	3/4	3,781.46	3/4	3,530.26	3/4	3,166.84	3/4	2,802.81	3/4	2,438.51	3/4	2,075.70
7		7	4,336.02	7	4,160.14	7	3,972.48	7	3,777.39	7	3,522.69	7	3,159.26	7	2,795.22	7	2,430.92	7	2,068.64
1/4		1/4	4,332.48	1/4	4,156.35	1/4	3,968.44	1/4	3,773.32	1/4	3,515.13	1/4	3,151.68	1/4	2,787.64	1/4	2,423.33	1/4	2,061.77
1/2		1/2	4,328.93	1/2	4,152.55	1/2	3,964.40	1/2	3,769.26	1/2	3,507.57	1/2	3,144.10	1/2	2,780.05	1/2	2,415.74	1/2	2,054.90
3/4		3/4	4,325.38	3/4	4,148.75	3/4	3,960.36	3/4	3,765.19	3/4	3,500.01	3/4	3,136.51	3/4	2,772.47	3/4	2,408.14	3/4	2,048.02
8		8	4,321.83	8	4,144.95	8	3,956.32	8	3,761.12	8	3,492.45	8	3,128.93	8	2,764.88	8	2,400.55	8	2,041.15
1/4		1/4	4,318.27	1/4	4,141.13	1/4	3,952.27	1/4	3,757.05	1/4	3,484.89	1/4	3,121.35	1/4	2,757.30	1/4	2,392.96	1/4	2,033.76
1/2		1/2	4,314.70	1/2	4,137.31	1/2	3,948.21	1/2	3,752.98	1/2	3,477.32	1/2	3,113.77	1/2	2,749.71	1/2	2,385.37	1/2	2,026.38
3/4		3/4	4,311.13	3/4	4,133.50	3/4	3,944.15	3/4	3,748.92	3/4	3,469.76	3/4	3,106.18	3/4	2,742.13	3/4	2,377.77	3/4	2,018.99
9		9	4,307.56	9	4,129.68	9	3,940.10	9	3,744.85	9	3,462.20	9	3,098.60	9	2,734.54	9	2,370.18	9	2,011.60
1/4		1/4	4,303.98	1/4	4,125.85	1/4	3,936.03	1/4	3,740.78	1/4	3,454.64	1/4	3,091.02	1/4	2,726.96	1/4	2,362.59	1/4	2,004.04
1/2		1/2	4,300.39	1/2	4,122.01	1/2	3,931.96	1/2	3,736.71	1/2	3,447.08	1/2	3,083.44	1/2	2,719.37	1/2	2,355.00	1/2	1,996.48
3/4		3/4	4,296.80	3/4	4,118.18	3/4	3,927.89	3/4	3,732.65	3/4	3,439.52	3/4	3,075.85	3/4	2,711.79	3/4	2,347.40	3/4	1,988.93
10		10	4,293.22	10	4,114.34	10	3,923.83	10	3,728.58	10	3,431.96	10	3,068.27	10	2,704.20	10	2,339.81	10	1,981.37
1/4		1/4	4,289.61	1/4	4,110.49	1/4	3,919.76	1/4	3,724.51	1/4	3,424.39	1/4	3,060.69	1/4	2,696.62	1/4	2,332.22	1/4	1,973.81
1/2		1/2	4,286.01	1/2	4,106.63	1/2	3,915.69	1/2	3,720.44	1/2	3,416.83	1/2	3,053.11	1/2	2,689.03	1/2	2,324.63	1/2	1,966.25
3/4		3/4	4,282.40	3/4	4,102.78	3/4	3,911.62	3/4	3,716.38	3/4	3,409.27	3/4	3,045.53	3/4	2,681.45	3/4	2,317.04	3/4	1,958.69
11		11	4,278.79	11	4,098.93	11	3,907.56	11	3,712.31	11	3,401.71	11	3,037.94	11	2,673.86	11	2,309.44	11	1,951.14
1/4		1/4	4,275.17	1/4	4,095.05	1/4	3,903.49	1/4	3,708.24	1/4	3,394.15	1/4	3,030.36	1/4	2,666.27	1/4	2,301.85	1/4	1,943.55
1/2		1/2	4,271.55	1/2	4,091.18	1/2	3,899.42	1/2	3,704.17	1/2	3,386.59	1/2	3,022.77	1/2	2,658.68	1/2	2,294.26	1/2	1,935.96
3/4		3/4	4,267.93	3/4	4,087.30	3/4	3,895.35	3/4	3,700.10	3/4	3,379.02	3/4	3,015.19	3/4	2,651.09	3/4	2,286.67	3/4	1,928.38

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 TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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

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



BARGE "CTCo 334"

3 STBD ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,920.79	0	1,556.30	0	1,191.80	0	827.85	0	463.36	0	98.91	0		0		0		0	
1/4	1,913.20	1/4	1,548.70	1/4	1,184.20	1/4	820.26	1/4	455.77	1/4	91.35	1/4		1/4		1/4		1/4	
1/2	1,905.61	1/2	1,541.11	1/2	1,176.61	1/2	812.67	1/2	448.18	1/2	83.79	1/2		1/2		1/2		1/2	
3/4	1,898.01	3/4	1,533.51	3/4	1,169.02	3/4	805.07	3/4	440.58	3/4	76.23	3/4		3/4		3/4		3/4	
1	1,890.42	1	1,525.92	1	1,161.42	1	797.48	1	432.99	1	68.66	1		1		1		1	
1/4	1,882.83	1/4	1,518.33	1/4	1,153.84	1/4	789.89	1/4	425.40	1/4	61.79	1/4		1/4		1/4		1/4	
1/2	1,875.23	1/2	1,510.73	1/2	1,146.25	1/2	782.29	1/2	417.80	1/2	54.92	1/2		1/2		1/2		1/2	
3/4	1,867.64	3/4	1,503.14	3/4	1,138.66	3/4	774.70	3/4	410.21	3/4	48.05	3/4		3/4		3/4		3/4	
2	1,860.04	2	1,495.55	2	1,131.07	2	767.10	2	402.62	2	41.18	2		2		2		2	
1/4	1,852.45	1/4	1,487.95	1/4	1,123.49	1/4	759.51	1/4	395.02	1/4	35.96	1/4		1/4		1/4		1/4	
1/2	1,844.86	1/2	1,480.36	1/2	1,115.90	1/2	751.92	1/2	387.43	1/2	30.74	1/2		1/2		1/2		1/2	
3/4	1,837.26	3/4	1,472.77	3/4	1,108.32	3/4	744.32	3/4	379.84	3/4	25.52	3/4		3/4		3/4		3/4	
3	1,829.67	3	1,465.17	3	1,100.73	3	736.73	3	372.24	3	20.30	3		3		3		3	
1/4	1,822.08	1/4	1,457.58	1/4	1,093.15	1/4	729.14	1/4	364.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,814.48	1/2	1,449.98	1/2	1,085.57	1/2	721.54	1/2	357.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,806.89	3/4	1,442.39	3/4	1,077.99	3/4	713.95	3/4	349.46	3/4		3/4		3/4		3/4		3/4	
4	1,799.29	4	1,434.80	4	1,070.41	4	706.36	4	341.87	4		4		4		4		4	
1/4	1,791.70	1/4	1,427.20	1/4	1,062.83	1/4	698.76	1/4	334.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,784.11	1/2	1,419.61	1/2	1,055.25	1/2	691.17	1/2	326.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,776.51	3/4	1,412.02	3/4	1,047.67	3/4	683.58	3/4	319.09	3/4		3/4		3/4		3/4		3/4	
5	1,768.92	5	1,404.42	5	1,040.09	5	675.98	5	311.49	5		5		5		5		5	
1/4	1,761.33	1/4	1,396.83	1/4	1,032.52	1/4	668.39	1/4	303.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,753.73	1/2	1,389.23	1/2	1,024.94	1/2	660.80	1/2	296.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,746.14	3/4	1,381.64	3/4	1,017.36	3/4	653.20	3/4	288.71	3/4		3/4		3/4		3/4		3/4	
6	1,738.54	6	1,374.05	6	1,009.78	6	645.61	6	281.12	6		6		6		6		6	
1/4	1,730.95	1/4	1,366.45	1/4	1,002.20	1/4	638.02	1/4	273.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,723.36	1/2	1,358.86	1/2	994.62	1/2	630.42	1/2	265.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,715.76	3/4	1,351.27	3/4	987.04	3/4	622.83	3/4	258.34	3/4		3/4		3/4		3/4		3/4	
7	1,708.17	7	1,343.67	7	979.47	7	615.23	7	250.75	7		7		7		7		7	
1/4	1,700.58	1/4	1,336.08	1/4	971.89	1/4	607.64	1/4	243.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,692.98	1/2	1,328.49	1/2	964.31	1/2	600.05	1/2	235.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,685.39	3/4	1,320.89	3/4	956.73	3/4	592.45	3/4	227.97	3/4		3/4		3/4		3/4		3/4	
8	1,677.80	8	1,313.30	8	949.15	8	584.86	8	220.37	8		8		8		8		8	
1/4	1,670.20	1/4	1,305.70	1/4	941.57	1/4	577.27	1/4	212.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,662.61	1/2	1,298.11	1/2	934.00	1/2	569.67	1/2	205.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,655.01	3/4	1,290.52	3/4	926.42	3/4	562.08	3/4	197.59	3/4		3/4		3/4		3/4		3/4	
9	1,647.42	9	1,282.92	9	918.84	9	554.49	9	190.00	9		9		9		9		9	
1/4	1,639.83	1/4	1,275.33	1/4	911.26	1/4	546.89	1/4	182.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,632.23	1/2	1,267.74	1/2	903.68	1/2	539.30	1/2	174.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,624.64	3/4	1,260.14	3/4	896.10	3/4	531.71	3/4	167.22	3/4		3/4		3/4		3/4		3/4	
10	1,617.05	10	1,252.55	10	888.53	10	524.11	10	159.62	10		10		10		10		10	
1/4	1,609.45	1/4	1,244.95	1/4	880.95	1/4	516.52	1/4	152.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,601.86	1/2	1,237.36	1/2	873.37	1/2	508.93	1/2	144.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,594.26	3/4	1,229.77	3/4	865.79	3/4	501.33	3/4	136.85	3/4		3/4		3/4		3/4		3/4	
11	1,586.67	11	1,222.17	11	858.21	11	493.74	11	129.25	11		11		11		11		11	
1/4	1,579.08	1/4	1,214.58	1/4	850.62	1/4	486.15	1/4	121.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,571.48	1/2	1,206.99	1/2	843.03	1/2	478.55	1/2	114.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,563.89	3/4	1,199.39	3/4	835.44	3/4	470.96	3/4	106.50	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

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