



BARGE "CTCo 340"

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	00-0/8	- 00-0/8	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
2 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	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 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
3 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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 7'-00"
 DIFF. = 5'-00" (DOWN BY STERN)

THE CORRECTION FOR 5'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 5'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-03"

April 23, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 340"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

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		0	4,776.54	0	4,437.15	0	4,076.88	0	3,710.44	0	3,343.70	0	2,976.68	0	2,609.50	0	2,242.32
1/4		1/4		1/4	4,769.70	1/4	4,429.83	1/4	4,069.24	1/4	3,702.81	1/4	3,336.05	1/4	2,969.03	1/4	2,601.85	1/4	2,234.67
1/2		1/2	5,098.11	1/2	4,762.85	1/2	4,422.51	1/2	4,061.61	1/2	3,695.17	1/2	3,328.41	1/2	2,961.38	1/2	2,594.20	1/2	2,227.02
3/4		3/4	5,092.06	3/4	4,756.01	3/4	4,415.20	3/4	4,053.97	3/4	3,687.54	3/4	3,320.76	3/4	2,953.73	3/4	2,586.55	3/4	2,219.37
1		1	5,086.01	1	4,749.16	1	4,407.88	1	4,046.34	1	3,679.90	1	3,313.12	1	2,946.08	1	2,578.90	1	2,211.72
1/4		1/4	5,078.82	1/4	4,742.26	1/4	4,400.52	1/4	4,038.71	1/4	3,672.27	1/4	3,305.47	1/4	2,938.43	1/4	2,571.25	1/4	2,204.07
1/2		1/2	5,071.62	1/2	4,735.37	1/2	4,393.16	1/2	4,031.07	1/2	3,664.64	1/2	3,297.83	1/2	2,930.78	1/2	2,563.60	1/2	2,196.42
3/4		3/4	5,064.42	3/4	4,728.47	3/4	4,385.80	3/4	4,023.44	3/4	3,657.00	3/4	3,290.18	3/4	2,923.13	3/4	2,555.95	3/4	2,188.77
2		2	5,057.23	2	4,721.57	2	4,378.44	2	4,015.80	2	3,649.37	2	3,282.53	2	2,915.48	2	2,548.30	2	2,181.12
1/4		1/4	5,049.65	1/4	4,714.62	1/4	4,371.05	1/4	4,008.17	1/4	3,641.73	1/4	3,274.89	1/4	2,907.84	1/4	2,540.65	1/4	2,173.47
1/2		1/2	5,042.08	1/2	4,707.67	1/2	4,363.65	1/2	4,000.54	1/2	3,634.10	1/2	3,267.24	1/2	2,900.19	1/2	2,533.00	1/2	2,165.82
3/4		3/4	5,034.50	3/4	4,700.72	3/4	4,356.26	3/4	3,992.90	3/4	3,626.46	3/4	3,259.60	3/4	2,892.54	3/4	2,525.35	3/4	2,158.17
3		3	5,026.92	3	4,693.77	3	4,348.86	3	3,985.27	3	3,618.83	3	3,251.95	3	2,884.89	3	2,517.71	3	2,150.52
1/4		1/4	5,019.35	1/4	4,686.78	1/4	4,341.44	1/4	3,977.63	1/4	3,611.20	1/4	3,244.31	1/4	2,877.24	1/4	2,510.06	1/4	2,142.87
1/2		1/2	5,011.77	1/2	4,679.79	1/2	4,334.01	1/2	3,970.00	1/2	3,603.56	1/2	3,236.66	1/2	2,869.59	1/2	2,502.41	1/2	2,135.23
3/4		3/4	5,004.19	3/4	4,672.80	3/4	4,326.58	3/4	3,962.37	3/4	3,595.93	3/4	3,229.02	3/4	2,861.94	3/4	2,494.76	3/4	2,127.58
4		4	4,996.62	4	4,665.81	4	4,319.15	4	3,954.73	4	3,588.29	4	3,221.37	4	2,854.29	4	2,487.11	4	2,119.93
1/4		1/4	4,989.04	1/4	4,658.78	1/4	4,311.69	1/4	3,947.10	1/4	3,580.66	1/4	3,213.72	1/4	2,846.64	1/4	2,479.46	1/4	2,112.28
1/2		1/2	4,981.46	1/2	4,651.75	1/2	4,304.23	1/2	3,939.46	1/2	3,573.03	1/2	3,206.08	1/2	2,838.99	1/2	2,471.81	1/2	2,104.63
3/4		3/4	4,973.89	3/4	4,644.73	3/4	4,296.77	3/4	3,931.83	3/4	3,565.39	3/4	3,198.43	3/4	2,831.34	3/4	2,464.16	3/4	2,096.98
5		5	4,966.31	5	4,637.70	5	4,289.31	5	3,924.19	5	3,557.76	5	3,190.79	5	2,823.69	5	2,456.51	5	2,089.33
1/4		1/4	4,959.21	1/4	4,630.64	1/4	4,281.81	1/4	3,916.56	1/4	3,550.12	1/4	3,183.14	1/4	2,816.04	1/4	2,448.86	1/4	2,081.68
1/2		1/2	4,952.11	1/2	4,623.58	1/2	4,274.31	1/2	3,908.93	1/2	3,542.48	1/2	3,175.50	1/2	2,808.39	1/2	2,441.21	1/2	2,074.03
3/4		3/4	4,945.01	3/4	4,616.52	3/4	4,266.81	3/4	3,901.29	3/4	3,534.83	3/4	3,167.85	3/4	2,800.74	3/4	2,433.56	3/4	2,066.38
6		6	4,937.92	6	4,609.45	6	4,259.31	6	3,893.66	6	3,527.19	6	3,160.21	6	2,793.09	6	2,425.91	6	2,058.73
1/4		1/4	4,931.28	1/4	4,602.36	1/4	4,251.77	1/4	3,886.02	1/4	3,519.55	1/4	3,152.56	1/4	2,785.44	1/4	2,418.26	1/4	2,051.08
1/2		1/2	4,924.64	1/2	4,595.27	1/2	4,244.23	1/2	3,878.39	1/2	3,511.90	1/2	3,144.91	1/2	2,777.79	1/2	2,410.61	1/2	2,043.43
3/4		3/4	4,918.00	3/4	4,588.17	3/4	4,236.70	3/4	3,870.76	3/4	3,504.26	3/4	3,137.27	3/4	2,770.14	3/4	2,402.96	3/4	2,035.78
7		7	4,911.36	7	4,581.08	7	4,229.16	7	3,863.12	7	3,496.61	7	3,129.62	7	2,762.49	7	2,395.31	7	2,028.13
1/4		1/4	4,904.69	1/4	4,573.95	1/4	4,221.59	1/4	3,855.49	1/4	3,488.97	1/4	3,121.98	1/4	2,754.84	1/4	2,387.66	1/4	2,020.48
1/2		1/2	4,898.02	1/2	4,566.82	1/2	4,214.02	1/2	3,847.85	1/2	3,481.32	1/2	3,114.33	1/2	2,747.19	1/2	2,380.01	1/2	2,012.83
3/4		3/4	4,891.36	3/4	4,559.69	3/4	4,206.45	3/4	3,840.22	3/4	3,473.67	3/4	3,106.69	3/4	2,739.54	3/4	2,372.36	3/4	2,005.18
8		8	4,884.69	8	4,552.56	8	4,198.87	8	3,832.59	8	3,466.03	8	3,099.04	8	2,731.89	8	2,364.71	8	1,997.53
1/4		1/4	4,877.98	1/4	4,545.40	1/4	4,191.27	1/4	3,824.95	1/4	3,458.38	1/4	3,091.39	1/4	2,724.24	1/4	2,357.06	1/4	1,989.88
1/2		1/2	4,871.28	1/2	4,538.24	1/2	4,183.66	1/2	3,817.32	1/2	3,450.74	1/2	3,083.75	1/2	2,716.59	1/2	2,349.41	1/2	1,982.23
3/4		3/4	4,864.57	3/4	4,531.08	3/4	4,176.06	3/4	3,809.68	3/4	3,443.09	3/4	3,076.10	3/4	2,708.95	3/4	2,341.76	3/4	1,974.58
9		9	4,857.86	9	4,523.92	9	4,168.46	9	3,802.05	9	3,435.45	9	3,068.46	9	2,701.30	9	2,334.11	9	1,966.93
1/4		1/4	4,851.12	1/4	4,516.72	1/4	4,160.83	1/4	3,794.41	1/4	3,427.80	1/4	3,060.81	1/4	2,693.65	1/4	2,326.47	1/4	1,959.28
1/2		1/2	4,844.38	1/2	4,509.52	1/2	4,153.20	1/2	3,786.78	1/2	3,420.16	1/2	3,053.17	1/2	2,686.00	1/2	2,318.82	1/2	1,951.63
3/4		3/4	4,837.63	3/4	4,502.33	3/4	4,145.58	3/4	3,779.15	3/4	3,412.51	3/4	3,045.52	3/4	2,678.35	3/4	2,311.17	3/4	1,943.99
10		10	4,830.89	10	4,495.13	10	4,137.95	10	3,771.51	10	3,404.86	10	3,037.88	10	2,670.70	10	2,303.52	10	1,936.34
1/4		1/4	4,824.11	1/4	4,487.90	1/4	4,130.32	1/4	3,763.88	1/4	3,397.22	1/4	3,030.23	1/4	2,663.05	1/4	2,295.87	1/4	1,928.69
1/2		1/2	4,817.34	1/2	4,480.67	1/2	4,122.68	1/2	3,756.24	1/2	3,389.57	1/2	3,022.58	1/2	2,655.40	1/2	2,288.22	1/2	1,921.04
3/4		3/4	4,810.56	3/4	4,473.45	3/4	4,115.05	3/4	3,748.61	3/4	3,381.93	3/4	3,014.94	3/4	2,647.75	3/4	2,280.57	3/4	1,913.39
11		11	4,803.78	11	4,466.22	11	4,107.41	11	3,740.98	11	3,374.28	11	3,007.29	11	2,640.10	11	2,272.92	11	1,905.74
1/4		1/4	4,796.97	1/4	4,458.95	1/4	4,099.78	1/4	3,733.34	1/4	3,366.64	1/4	2,999.64	1/4	2,632.45	1/4	2,265.27	1/4	1,898.09
1/2		1/2	4,790.16	1/2	4,451.68	1/2	4,092.14	1/2	3,725.71	1/2	3,358.99	1/2	2,991.99	1/2	2,624.80	1/2	2,257.62	1/2	1,890.44
3/4		3/4	4,783.35	3/4	4,444.41	3/4	4,084.51	3/4	3,718.07	3/4	3,351.34	3/4	2,984.33	3/4	2,617.15	3/4	2,249.97	3/4	1,882.79

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 OF 2" DIAMETER OPENING ON "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 340"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,875.14	0	1,507.96	0	1,140.84	0	775.80	0	411.63	0	88.15	0		0		0		0	
1/4	1,867.49	1/4	1,500.31	1/4	1,133.22	1/4	768.16	1/4	404.39	1/4	82.03	1/4		1/4		1/4		1/4	
1/2	1,859.84	1/2	1,492.66	1/2	1,125.60	1/2	760.51	1/2	397.15	1/2	75.91	1/2		1/2		1/2		1/2	
3/4	1,852.19	3/4	1,485.01	3/4	1,117.98	3/4	752.86	3/4	389.90	3/4	69.80	3/4		3/4		3/4		3/4	
1	1,844.54	1	1,477.36	1	1,110.36	1	745.21	1	382.66	1	63.68	1		1		1		1	
1/4	1,836.89	1/4	1,469.71	1/4	1,102.74	1/4	737.56	1/4	375.51	1/4	58.13	1/4		1/4		1/4		1/4	
1/2	1,829.24	1/2	1,462.06	1/2	1,095.13	1/2	729.91	1/2	368.36	1/2	52.58	1/2		1/2		1/2		1/2	
3/4	1,821.59	3/4	1,454.41	3/4	1,087.52	3/4	722.26	3/4	361.21	3/4	47.02	3/4		3/4		3/4		3/4	
2	1,813.94	2	1,446.76	2	1,079.90	2	714.61	2	354.06	2	41.47	2		2		2		2	
1/4	1,806.29	1/4	1,439.11	1/4	1,072.30	1/4	706.96	1/4	347.00	1/4	36.98	1/4		1/4		1/4		1/4	
1/2	1,798.64	1/2	1,431.46	1/2	1,064.69	1/2	699.31	1/2	339.94	1/2	32.49	1/2		1/2		1/2		1/2	
3/4	1,790.99	3/4	1,423.81	3/4	1,057.08	3/4	691.66	3/4	332.88	3/4	28.00	3/4		3/4		3/4		3/4	
3	1,783.34	3	1,416.16	3	1,049.48	3	684.01	3	325.83	3	23.51	3		3		3		3	
1/4	1,775.69	1/4	1,408.51	1/4	1,041.88	1/4	676.36	1/4	318.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,768.04	1/2	1,400.86	1/2	1,034.27	1/2	668.71	1/2	311.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,760.39	3/4	1,393.21	3/4	1,026.67	3/4	661.06	3/4	304.92	3/4		3/4		3/4		3/4		3/4	
4	1,752.75	4	1,385.56	4	1,019.07	4	653.41	4	297.95	4		4		4		4		4	
1/4	1,745.10	1/4	1,377.91	1/4	1,011.47	1/4	645.76	1/4	291.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,737.45	1/2	1,370.27	1/2	1,003.87	1/2	638.12	1/2	284.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,729.80	3/4	1,362.62	3/4	996.27	3/4	630.47	3/4	277.32	3/4		3/4		3/4		3/4		3/4	
5	1,722.15	5	1,354.97	5	988.67	5	622.82	5	270.44	5		5		5		5		5	
1/4	1,714.50	1/4	1,347.32	1/4	981.07	1/4	615.17	1/4	263.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,706.85	1/2	1,339.67	1/2	973.48	1/2	607.52	1/2	256.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,699.20	3/4	1,332.02	3/4	965.88	3/4	599.87	3/4	250.08	3/4		3/4		3/4		3/4		3/4	
6	1,691.55	6	1,324.37	6	958.28	6	592.22	6	243.29	6		6		6		6		6	
1/4	1,683.90	1/4	1,316.72	1/4	950.68	1/4	584.57	1/4	236.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,676.25	1/2	1,309.07	1/2	943.08	1/2	576.92	1/2	229.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,668.60	3/4	1,301.42	3/4	935.48	3/4	569.27	3/4	223.20	3/4		3/4		3/4		3/4		3/4	
7	1,660.95	7	1,293.77	7	927.88	7	561.62	7	216.51	7		7		7		7		7	
1/4	1,653.30	1/4	1,286.12	1/4	920.28	1/4	553.98	1/4	209.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,645.65	1/2	1,278.47	1/2	912.69	1/2	546.35	1/2	203.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,638.00	3/4	1,270.82	3/4	905.09	3/4	538.71	3/4	196.69	3/4		3/4		3/4		3/4		3/4	
8	1,630.35	8	1,263.17	8	897.49	8	531.07	8	190.08	8		8		8		8		8	
1/4	1,622.70	1/4	1,255.52	1/4	889.89	1/4	523.48	1/4	183.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,615.05	1/2	1,247.87	1/2	882.29	1/2	515.88	1/2	177.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,607.40	3/4	1,240.22	3/4	874.69	3/4	508.29	3/4	170.54	3/4		3/4		3/4		3/4		3/4	
9	1,599.75	9	1,232.57	9	867.09	9	500.70	9	164.02	9		9		9		9		9	
1/4	1,592.10	1/4	1,224.92	1/4	859.49	1/4	493.18	1/4	157.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,584.45	1/2	1,217.27	1/2	851.90	1/2	485.67	1/2	151.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,576.80	3/4	1,209.62	3/4	844.30	3/4	478.16	3/4	144.76	3/4		3/4		3/4		3/4		3/4	
10	1,569.15	10	1,201.97	10	836.70	10	470.64	10	138.34	10		10		10		10		10	
1/4	1,561.51	1/4	1,194.32	1/4	829.10	1/4	463.22	1/4	132.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,553.86	1/2	1,186.67	1/2	821.50	1/2	455.80	1/2	125.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,546.21	3/4	1,179.03	3/4	813.90	3/4	448.38	3/4	119.37	3/4		3/4		3/4		3/4		3/4	
11	1,538.56	11	1,171.38	11	806.30	11	440.95	11	113.04	11		11		11		11		11	
1/4	1,530.91	1/4	1,163.74	1/4	798.68	1/4	433.62	1/4	106.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,523.26	1/2	1,156.11	1/2	791.05	1/2	426.29	1/2	100.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,515.61	3/4	1,148.47	3/4	783.43	3/4	418.96	3/4	94.37	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 SW
CALCULATED: 04/24/2014 CL
PRINTED: 04/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

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



BARGE "CTCo 340"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 3/4"

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		0	4,795.61	0	4,457.43	0	4,098.10	0	3,731.49	0	3,364.89	0	2,998.28	0	2,631.49	0	2,264.69
1/4		1/4		1/4	4,788.80	1/4	4,450.16	1/4	4,090.46	1/4	3,723.86	1/4	3,357.25	1/4	2,990.64	1/4	2,623.84	1/4	2,257.05
1/2		1/2		1/2	4,781.98	1/2	4,442.89	1/2	4,082.82	1/2	3,716.22	1/2	3,349.61	1/2	2,983.00	1/2	2,616.20	1/2	2,249.41
3/4		3/4		3/4	4,775.17	3/4	4,435.62	3/4	4,075.19	3/4	3,708.58	3/4	3,341.98	3/4	2,975.35	3/4	2,608.56	3/4	2,241.77
1		1		1	4,768.32	1	4,428.30	1	4,067.55	1	3,700.94	1	3,334.34	1	2,967.71	1	2,600.92	1	2,234.13
1/4		1/4	5,096.88	1/4	4,761.47	1/4	4,420.98	1/4	4,059.91	1/4	3,693.31	1/4	3,326.70	1/4	2,960.07	1/4	2,593.28	1/4	2,226.49
1/2		1/2	5,090.83	1/2	4,754.63	1/2	4,413.66	1/2	4,052.27	1/2	3,685.67	1/2	3,319.06	1/2	2,952.43	1/2	2,585.64	1/2	2,218.84
3/4		3/4	5,084.78	3/4	4,747.78	3/4	4,406.34	3/4	4,044.64	3/4	3,678.03	3/4	3,311.43	3/4	2,944.79	3/4	2,577.99	3/4	2,211.20
2		2	5,077.58	2	4,740.88	2	4,398.97	2	4,037.00	2	3,670.39	2	3,303.79	2	2,937.15	2	2,570.35	2	2,203.56
1/4		1/4	5,070.38	1/4	4,733.98	1/4	4,391.61	1/4	4,029.36	1/4	3,662.76	1/4	3,296.15	1/4	2,929.50	1/4	2,562.71	1/4	2,195.92
1/2		1/2	5,063.19	1/2	4,727.07	1/2	4,384.25	1/2	4,021.72	1/2	3,655.12	1/2	3,288.51	1/2	2,921.86	1/2	2,555.07	1/2	2,188.28
3/4		3/4	5,055.99	3/4	4,720.17	3/4	4,376.88	3/4	4,014.09	3/4	3,647.48	3/4	3,280.88	3/4	2,914.22	3/4	2,547.43	3/4	2,180.64
3		3	5,048.41	3	4,713.22	3	4,369.49	3	4,006.45	3	3,639.84	3	3,273.24	3	2,906.58	3	2,539.79	3	2,173.00
1/4		1/4	5,040.83	1/4	4,706.26	1/4	4,362.09	1/4	3,998.81	1/4	3,632.21	1/4	3,265.60	1/4	2,898.94	1/4	2,532.15	1/4	2,165.35
1/2		1/2	5,033.25	1/2	4,699.31	1/2	4,354.69	1/2	3,991.17	1/2	3,624.57	1/2	3,257.96	1/2	2,891.30	1/2	2,524.50	1/2	2,157.71
3/4		3/4	5,025.67	3/4	4,692.36	3/4	4,347.29	3/4	3,983.54	3/4	3,616.93	3/4	3,250.33	3/4	2,883.65	3/4	2,516.86	3/4	2,150.07
4		4	5,018.09	4	4,685.36	4	4,339.86	4	3,975.90	4	3,609.29	4	3,242.69	4	2,876.01	4	2,509.22	4	2,142.43
1/4		1/4	5,010.51	1/4	4,678.37	1/4	4,332.43	1/4	3,968.26	1/4	3,601.66	1/4	3,235.05	1/4	2,868.37	1/4	2,501.58	1/4	2,134.79
1/2		1/2	5,002.93	1/2	4,671.38	1/2	4,325.00	1/2	3,960.62	1/2	3,594.02	1/2	3,227.41	1/2	2,860.73	1/2	2,493.94	1/2	2,127.15
3/4		3/4	4,995.35	3/4	4,664.39	3/4	4,317.57	3/4	3,952.99	3/4	3,586.38	3/4	3,219.78	3/4	2,853.09	3/4	2,486.30	3/4	2,119.50
5		5	4,987.77	5	4,657.35	5	4,310.10	5	3,945.35	5	3,578.74	5	3,212.14	5	2,845.45	5	2,478.66	5	2,111.86
1/4		1/4	4,980.19	1/4	4,650.32	1/4	4,302.64	1/4	3,937.71	1/4	3,571.11	1/4	3,204.50	1/4	2,837.81	1/4	2,471.01	1/4	2,104.22
1/2		1/2	4,972.61	1/2	4,643.29	1/2	4,295.17	1/2	3,930.07	1/2	3,563.47	1/2	3,196.86	1/2	2,830.16	1/2	2,463.37	1/2	2,096.58
3/4		3/4	4,965.03	3/4	4,636.26	3/4	4,287.71	3/4	3,922.43	3/4	3,555.83	3/4	3,189.23	3/4	2,822.52	3/4	2,455.73	3/4	2,088.94
6		6	4,957.93	6	4,629.20	6	4,280.21	6	3,914.80	6	3,548.19	6	3,181.59	6	2,814.88	6	2,448.09	6	2,081.30
1/4		1/4	4,950.82	1/4	4,622.13	1/4	4,272.70	1/4	3,907.16	1/4	3,540.55	1/4	3,173.95	1/4	2,807.24	1/4	2,440.45	1/4	2,073.66
1/2		1/2	4,943.72	1/2	4,615.07	1/2	4,265.20	1/2	3,899.52	1/2	3,532.92	1/2	3,166.31	1/2	2,799.60	1/2	2,432.81	1/2	2,066.01
3/4		3/4	4,936.62	3/4	4,608.01	3/4	4,257.70	3/4	3,891.88	3/4	3,525.28	3/4	3,158.67	3/4	2,791.96	3/4	2,425.16	3/4	2,058.37
7		7	4,929.98	7	4,600.91	7	4,250.16	7	3,884.25	7	3,517.64	7	3,151.04	7	2,784.32	7	2,417.52	7	2,050.73
1/4		1/4	4,923.34	1/4	4,593.81	1/4	4,242.61	1/4	3,876.61	1/4	3,510.00	1/4	3,143.40	1/4	2,776.67	1/4	2,409.88	1/4	2,043.09
1/2		1/2	4,916.70	1/2	4,586.71	1/2	4,235.07	1/2	3,868.97	1/2	3,502.37	1/2	3,135.76	1/2	2,769.03	1/2	2,402.24	1/2	2,035.45
3/4		3/4	4,910.06	3/4	4,579.61	3/4	4,227.53	3/4	3,861.33	3/4	3,494.73	3/4	3,128.12	3/4	2,761.39	3/4	2,394.60	3/4	2,027.81
8		8	4,903.38	8	4,572.48	8	4,219.96	8	3,853.70	8	3,487.09	8	3,120.49	8	2,753.75	8	2,386.96	8	2,020.17
1/4		1/4	4,896.71	1/4	4,565.35	1/4	4,212.38	1/4	3,846.06	1/4	3,479.45	1/4	3,112.85	1/4	2,746.11	1/4	2,379.32	1/4	2,012.52
1/2		1/2	4,890.04	1/2	4,558.22	1/2	4,204.81	1/2	3,838.42	1/2	3,471.82	1/2	3,105.21	1/2	2,738.47	1/2	2,371.67	1/2	2,004.88
3/4		3/4	4,883.37	3/4	4,551.09	3/4	4,197.23	3/4	3,830.78	3/4	3,464.18	3/4	3,097.57	3/4	2,730.82	3/4	2,364.03	3/4	1,997.24
9		9	4,876.66	9	4,543.92	9	4,189.63	9	3,823.15	9	3,456.54	9	3,089.94	9	2,723.18	9	2,356.39	9	1,989.60
1/4		1/4	4,869.95	1/4	4,536.76	1/4	4,182.02	1/4	3,815.51	1/4	3,448.90	1/4	3,082.30	1/4	2,715.54	1/4	2,348.75	1/4	1,981.96
1/2		1/2	4,863.24	1/2	4,529.59	1/2	4,174.41	1/2	3,807.87	1/2	3,441.27	1/2	3,074.66	1/2	2,707.90	1/2	2,341.11	1/2	1,974.32
3/4		3/4	4,856.53	3/4	4,522.43	3/4	4,166.80	3/4	3,800.23	3/4	3,433.63	3/4	3,067.02	3/4	2,700.26	3/4	2,333.47	3/4	1,966.67
10		10	4,849.79	10	4,515.23	10	4,159.17	10	3,792.60	10	3,425.99	10	3,059.39	10	2,692.62	10	2,325.83	10	1,959.03
1/4		1/4	4,843.04	1/4	4,508.03	1/4	4,151.54	1/4	3,784.96	1/4	3,418.35	1/4	3,051.75	1/4	2,684.98	1/4	2,318.18	1/4	1,951.39
1/2		1/2	4,836.29	1/2	4,500.83	1/2	4,143.92	1/2	3,777.32	1/2	3,410.72	1/2	3,044.11	1/2	2,677.33	1/2	2,310.54	1/2	1,943.75
3/4		3/4	4,829.55	3/4	4,493.63	3/4	4,136.29	3/4	3,769.68	3/4	3,403.08	3/4	3,036.47	3/4	2,669.69	3/4	2,302.90	3/4	1,936.11
11		11	4,822.77	11	4,486.40	11	4,128.65	11	3,762.05	11	3,395.44	11	3,028.84	11	2,662.05	11	2,295.26	11	1,928.47
1/4		1/4	4,815.98	1/4	4,479.17	1/4	4,121.01	1/4	3,754.41	1/4	3,387.80	1/4	3,021.20	1/4	2,654.41	1/4	2,287.62	1/4	1,920.83
1/2		1/2	4,809.20	1/2	4,471.93	1/2	4,113.37	1/2	3,746.77	1/2	3,380.17	1/2	3,013.56	1/2	2,646.77	1/2	2,279.98	1/2	1,913.18
3/4		3/4	4,802.42	3/4	4,464.70	3/4	4,105.74	3/4	3,739.13	3/4	3,372.53	3/4	3,005.92	3/4	2,639.13	3/4	2,272.33	3/4	1,905.54

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 OF 2" DIAMETER OPENING ON "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 340"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,897.90	0	1,531.11	0	1,164.32	0	798.00	0	433.34	0	106.87	0		0		0		0	
1/4	1,890.26	1/4	1,523.47	1/4	1,156.68	1/4	790.36	1/4	426.01	1/4	100.65	1/4		1/4		1/4		1/4	
1/2	1,882.62	1/2	1,515.83	1/2	1,149.03	1/2	782.73	1/2	418.69	1/2	94.42	1/2		1/2		1/2		1/2	
3/4	1,874.98	3/4	1,508.18	3/4	1,141.39	3/4	775.10	3/4	411.37	3/4	88.19	3/4		3/4		3/4		3/4	
1	1,867.34	1	1,500.54	1	1,133.75	1	767.45	1	404.13	1	82.07	1		1		1		1	
1/4	1,859.69	1/4	1,492.90	1/4	1,126.11	1/4	759.81	1/4	396.90	1/4	75.95	1/4		1/4		1/4		1/4	
1/2	1,852.05	1/2	1,485.26	1/2	1,118.47	1/2	752.17	1/2	389.67	1/2	69.83	1/2		1/2		1/2		1/2	
3/4	1,844.41	3/4	1,477.62	3/4	1,110.83	3/4	744.53	3/4	382.43	3/4	63.71	3/4		3/4		3/4		3/4	
2	1,836.77	2	1,469.98	2	1,103.19	2	736.89	2	375.29	2	58.16	2		2		2		2	
1/4	1,829.13	1/4	1,462.34	1/4	1,095.55	1/4	729.25	1/4	368.15	1/4	52.60	1/4		1/4		1/4		1/4	
1/2	1,821.49	1/2	1,454.69	1/2	1,087.91	1/2	721.61	1/2	361.01	1/2	47.05	1/2		1/2		1/2		1/2	
3/4	1,813.84	3/4	1,447.05	3/4	1,080.27	3/4	713.96	3/4	353.87	3/4	41.49	3/4		3/4		3/4		3/4	
3	1,806.20	3	1,439.41	3	1,072.64	3	706.32	3	346.82	3	37.00	3		3		3		3	
1/4	1,798.56	1/4	1,431.77	1/4	1,065.00	1/4	698.68	1/4	339.76	1/4	32.51	1/4		1/4		1/4		1/4	
1/2	1,790.92	1/2	1,424.13	1/2	1,057.37	1/2	691.04	1/2	332.71	1/2	28.01	1/2		1/2		1/2		1/2	
3/4	1,783.28	3/4	1,416.49	3/4	1,049.73	3/4	683.40	3/4	325.66	3/4	23.52	3/4		3/4		3/4		3/4	
4	1,775.64	4	1,408.85	4	1,042.10	4	675.76	4	318.70	4		4		4		4		4	
1/4	1,768.00	1/4	1,401.20	1/4	1,034.47	1/4	668.12	1/4	311.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,760.35	1/2	1,393.56	1/2	1,026.84	1/2	660.48	1/2	304.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,752.71	3/4	1,385.92	3/4	1,019.21	3/4	652.83	3/4	297.82	3/4		3/4		3/4		3/4		3/4	
5	1,745.07	5	1,378.28	5	1,011.58	5	645.19	5	290.95	5		5		5		5		5	
1/4	1,737.43	1/4	1,370.64	1/4	1,003.95	1/4	637.55	1/4	284.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,729.79	1/2	1,363.00	1/2	996.33	1/2	629.91	1/2	277.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,722.15	3/4	1,355.35	3/4	988.70	3/4	622.27	3/4	270.34	3/4		3/4		3/4		3/4		3/4	
6	1,714.51	6	1,347.71	6	981.07	6	614.63	6	263.56	6		6		6		6		6	
1/4	1,706.86	1/4	1,340.07	1/4	973.44	1/4	606.99	1/4	256.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,699.22	1/2	1,332.43	1/2	965.81	1/2	599.34	1/2	250.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,691.58	3/4	1,324.79	3/4	958.19	3/4	591.70	3/4	243.23	3/4		3/4		3/4		3/4		3/4	
7	1,683.94	7	1,317.15	7	950.56	7	584.07	7	236.54	7		7		7		7		7	
1/4	1,676.30	1/4	1,309.51	1/4	942.93	1/4	576.43	1/4	229.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,668.66	1/2	1,301.86	1/2	935.30	1/2	568.79	1/2	223.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,661.01	3/4	1,294.22	3/4	927.68	3/4	561.15	3/4	216.47	3/4		3/4		3/4		3/4		3/4	
8	1,653.37	8	1,286.58	8	920.05	8	553.53	8	209.88	8		8		8		8		8	
1/4	1,645.73	1/4	1,278.94	1/4	912.42	1/4	545.91	1/4	203.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,638.09	1/2	1,271.30	1/2	904.79	1/2	538.29	1/2	196.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,630.45	3/4	1,263.66	3/4	897.16	3/4	530.66	3/4	190.09	3/4		3/4		3/4		3/4		3/4	
9	1,622.81	9	1,256.02	9	889.54	9	523.08	9	183.58	9		9		9		9		9	
1/4	1,615.17	1/4	1,248.37	1/4	881.91	1/4	515.50	1/4	177.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,607.52	1/2	1,240.73	1/2	874.28	1/2	507.92	1/2	170.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,599.88	3/4	1,233.09	3/4	866.65	3/4	500.34	3/4	164.06	3/4		3/4		3/4		3/4		3/4	
10	1,592.24	10	1,225.45	10	859.03	10	492.83	10	157.65	10		10		10		10		10	
1/4	1,584.60	1/4	1,217.81	1/4	851.40	1/4	485.33	1/4	151.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,576.96	1/2	1,210.17	1/2	843.77	1/2	477.82	1/2	144.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,569.32	3/4	1,202.52	3/4	836.14	3/4	470.32	3/4	138.40	3/4		3/4		3/4		3/4		3/4	
11	1,561.68	11	1,194.88	11	828.52	11	462.90	11	132.07	11		11		11		11		11	
1/4	1,554.03	1/4	1,187.24	1/4	820.89	1/4	455.49	1/4	125.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,546.39	1/2	1,179.60	1/2	813.26	1/2	448.07	1/2	119.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,538.75	3/4	1,171.96	3/4	805.63	3/4	440.66	3/4	113.10	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 SW
CALCULATED: 04/24/2014 CL
PRINTED: 04/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

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



BARGE "CTCo 340"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,830.39	0	1,485.87	0	1,141.49	0	810.75	0	466.70	0	122.20	0		0		0		0	
1/4	1,823.21	1/4	1,478.69	1/4	1,134.45	1/4	803.72	1/4	459.52	1/4	115.03	1/4		1/4		1/4		1/4	
1/2	1,816.03	1/2	1,471.51	1/2	1,127.42	1/2	796.70	1/2	452.34	1/2	107.86	1/2		1/2		1/2		1/2	
3/4	1,808.86	3/4	1,464.34	3/4	1,120.38	3/4	789.67	3/4	445.17	3/4	100.68	3/4		3/4		3/4		3/4	
1	1,801.68	1	1,457.16	1	1,113.49	1	782.49	1	437.99	1	93.53	1		1		1		1	
1/4	1,794.50	1/4	1,449.98	1/4	1,106.59	1/4	775.32	1/4	430.81	1/4	86.38	1/4		1/4		1/4		1/4	
1/2	1,787.32	1/2	1,442.80	1/2	1,099.70	1/2	768.14	1/2	423.63	1/2	79.22	1/2		1/2		1/2		1/2	
3/4	1,780.15	3/4	1,435.63	3/4	1,092.80	3/4	760.96	3/4	416.46	3/4	72.07	3/4		3/4		3/4		3/4	
2	1,772.97	2	1,428.45	2	1,085.92	2	753.78	2	409.28	2	65.36	2		2		2		2	
1/4	1,765.79	1/4	1,421.27	1/4	1,079.03	1/4	746.61	1/4	402.10	1/4	58.64	1/4		1/4		1/4		1/4	
1/2	1,758.61	1/2	1,414.09	1/2	1,072.14	1/2	739.43	1/2	394.92	1/2	51.93	1/2		1/2		1/2		1/2	
3/4	1,751.44	3/4	1,406.92	3/4	1,065.25	3/4	732.25	3/4	387.75	3/4	45.22	3/4		3/4		3/4		3/4	
3	1,744.26	3	1,399.74	3	1,058.37	3	725.08	3	380.57	3	39.84	3		3		3		3	
1/4	1,737.08	1/4	1,392.56	1/4	1,051.49	1/4	717.90	1/4	373.39	1/4	34.46	1/4		1/4		1/4		1/4	
1/2	1,729.90	1/2	1,385.38	1/2	1,044.61	1/2	710.72	1/2	366.22	1/2	29.08	1/2		1/2		1/2		1/2	
3/4	1,722.73	3/4	1,378.21	3/4	1,037.73	3/4	703.54	3/4	359.04	3/4	23.69	3/4		3/4		3/4		3/4	
4	1,715.55	4	1,371.03	4	1,030.86	4	696.37	4	351.86	4		4		4		4		4	
1/4	1,708.37	1/4	1,363.85	1/4	1,023.98	1/4	689.19	1/4	344.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,701.19	1/2	1,356.67	1/2	1,017.10	1/2	682.01	1/2	337.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,694.02	3/4	1,349.50	3/4	1,010.23	3/4	674.84	3/4	330.33	3/4		3/4		3/4		3/4		3/4	
5	1,686.84	5	1,342.32	5	1,003.35	5	667.66	5	323.15	5		5		5		5		5	
1/4	1,679.66	1/4	1,335.14	1/4	996.48	1/4	660.48	1/4	315.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,672.48	1/2	1,327.96	1/2	989.61	1/2	653.30	1/2	308.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,665.31	3/4	1,320.79	3/4	982.73	3/4	646.13	3/4	301.62	3/4		3/4		3/4		3/4		3/4	
6	1,658.13	6	1,313.61	6	975.86	6	638.95	6	294.44	6		6		6		6		6	
1/4	1,650.95	1/4	1,306.43	1/4	968.99	1/4	631.77	1/4	287.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,643.77	1/2	1,299.25	1/2	962.11	1/2	624.60	1/2	280.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,636.60	3/4	1,292.08	3/4	955.24	3/4	617.42	3/4	272.91	3/4		3/4		3/4		3/4		3/4	
7	1,629.42	7	1,284.90	7	948.37	7	610.24	7	265.74	7		7		7		7		7	
1/4	1,622.24	1/4	1,277.72	1/4	941.49	1/4	603.06	1/4	258.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,615.06	1/2	1,270.54	1/2	934.62	1/2	595.89	1/2	251.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,607.89	3/4	1,263.37	3/4	927.75	3/4	588.71	3/4	244.20	3/4		3/4		3/4		3/4		3/4	
8	1,600.71	8	1,256.19	8	920.87	8	581.53	8	237.03	8		8		8		8		8	
1/4	1,593.53	1/4	1,249.01	1/4	914.00	1/4	574.35	1/4	229.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,586.35	1/2	1,241.83	1/2	907.13	1/2	567.18	1/2	222.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,579.18	3/4	1,234.66	3/4	900.25	3/4	560.00	3/4	215.49	3/4		3/4		3/4		3/4		3/4	
9	1,572.00	9	1,227.48	9	893.38	9	552.82	9	208.32	9		9		9		9		9	
1/4	1,564.82	1/4	1,220.30	1/4	886.51	1/4	545.65	1/4	201.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,557.64	1/2	1,213.12	1/2	879.63	1/2	538.47	1/2	193.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,550.47	3/4	1,205.95	3/4	872.76	3/4	531.29	3/4	186.79	3/4		3/4		3/4		3/4		3/4	
10	1,543.29	10	1,198.77	10	865.89	10	524.11	10	179.61	10		10		10		10		10	
1/4	1,536.11	1/4	1,191.59	1/4	859.01	1/4	516.94	1/4	172.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,528.93	1/2	1,184.41	1/2	852.14	1/2	509.76	1/2	165.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,521.76	3/4	1,177.24	3/4	845.27	3/4	502.58	3/4	158.08	3/4		3/4		3/4		3/4		3/4	
11	1,514.58	11	1,170.06	11	838.39	11	495.41	11	150.90	11		11		11		11		11	
1/4	1,507.40	1/4	1,162.88	1/4	831.52	1/4	488.23	1/4	143.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,500.22	1/2	1,155.70	1/2	824.65	1/2	481.05	1/2	136.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,493.05	3/4	1,148.53	3/4	817.77	3/4	473.87	3/4	129.37	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 SW
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PRINTED: 04/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

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



BARGE "CTCo 340"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 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	4,846.22	0	4,557.15	0	4,239.34	0	3,901.67	0	3,557.52	0	3,213.37	0	2,869.22	0	2,524.89	0	2,180.54
1/4	1/4	1/4	4,840.54	1/4	4,550.76	1/4	4,232.52	1/4	3,894.50	1/4	3,550.35	1/4	3,206.20	1/4	2,862.06	1/4	2,517.72	1/4	2,173.37
1/2	1/2	1/2	4,834.86	1/2	4,544.37	1/2	4,225.69	1/2	3,887.33	1/2	3,543.18	1/2	3,199.03	1/2	2,854.89	1/2	2,510.54	1/2	2,166.19
3/4	3/4	3/4	4,828.11	3/4	4,537.95	3/4	4,218.82	3/4	3,880.16	3/4	3,536.01	3/4	3,191.86	3/4	2,847.72	3/4	2,503.37	3/4	2,159.02
1	1	1	4,821.35	1	4,531.52	1	4,211.95	1	3,872.99	1	3,528.84	1	3,184.69	1	2,840.54	1	2,465.19	1	2,151.85
1/4	1/4	1/4	4,814.60	1/4	4,499.24	1/4	4,177.47	1/4	3,837.14	1/4	3,492.99	1/4	3,148.84	1/4	2,804.67	1/4	2,460.32	1/4	2,115.98
1/2	1/2	1/2	4,807.85	1/2	4,492.77	1/2	4,170.56	1/2	3,829.97	1/2	3,485.82	1/2	3,141.67	1/2	2,797.50	1/2	2,453.15	1/2	2,108.80
3/4	3/4	3/4	4,800.73	3/4	4,486.24	3/4	4,163.61	3/4	3,822.80	3/4	3,478.65	3/4	3,134.50	3/4	2,790.32	3/4	2,445.98	3/4	2,101.63
2	2	2	4,793.62	2	4,479.71	2	4,156.67	2	3,815.63	2	3,471.48	2	3,127.33	2	2,783.15	2	2,438.80	2	2,094.46
1/4	1/4	1/4	4,786.51	1/4	4,473.19	1/4	4,149.73	1/4	3,808.46	1/4	3,464.31	1/4	3,120.16	1/4	2,775.98	1/4	2,431.63	1/4	2,087.28
1/2	1/2	1/2	4,779.40	1/2	4,466.66	1/2	4,142.78	1/2	3,801.29	1/2	3,457.14	1/2	3,112.99	1/2	2,768.80	1/2	2,424.45	1/2	2,080.11
3/4	3/4	3/4	4,772.28	3/4	4,460.10	3/4	4,135.81	3/4	3,794.12	3/4	3,449.97	3/4	3,105.82	3/4	2,761.63	3/4	2,417.28	3/4	2,072.93
3	3	3	4,765.17	3	4,453.53	3	4,128.83	3	3,786.95	3	3,442.80	3	3,098.65	3	2,754.45	3	2,410.11	3	2,065.76
1/4	1/4	1/4	4,758.06	1/4	4,446.97	1/4	4,121.85	1/4	3,779.78	1/4	3,435.63	1/4	3,091.48	1/4	2,747.28	1/4	2,402.93	1/4	2,058.59
1/2	1/2	1/2	4,750.95	1/2	4,440.41	1/2	4,114.88	1/2	3,772.61	1/2	3,428.46	1/2	3,084.31	1/2	2,740.11	1/2	2,395.76	1/2	2,051.41
3/4	3/4	3/4	4,743.83	3/4	4,433.81	3/4	4,107.87	3/4	3,765.44	3/4	3,421.29	3/4	3,077.14	3/4	2,732.93	3/4	2,388.59	3/4	2,044.24
4	4	4	4,736.72	4	4,427.21	4	4,100.86	4	3,758.27	4	3,414.12	4	3,069.97	4	2,725.76	4	2,381.41	4	2,037.06
1/4	1/4	1/4	4,729.61	1/4	4,420.61	1/4	4,093.85	1/4	3,751.10	1/4	3,406.95	1/4	3,062.80	1/4	2,718.58	1/4	2,374.24	1/4	2,029.89
1/2	1/2	1/2	4,722.50	1/2	4,414.01	1/2	4,086.85	1/2	3,743.93	1/2	3,399.78	1/2	3,055.63	1/2	2,711.41	1/2	2,367.06	1/2	2,022.72
3/4	3/4	3/4	4,715.83	3/4	4,407.38	3/4	4,079.80	3/4	3,736.76	3/4	3,392.61	3/4	3,048.46	3/4	2,704.24	3/4	2,359.89	3/4	2,015.54
5	5	5	4,709.17	5	4,400.75	5	4,072.76	5	3,729.59	5	3,385.44	5	3,041.29	5	2,697.06	5	2,352.72	5	2,008.37
1/4	1/4	1/4	4,702.51	1/4	4,394.12	1/4	4,065.72	1/4	3,722.42	1/4	3,378.27	1/4	3,034.12	1/4	2,689.89	1/4	2,345.54	1/4	2,001.19
1/2	1/2	1/2	4,695.84	1/2	4,387.49	1/2	4,058.67	1/2	3,715.25	1/2	3,371.10	1/2	3,026.95	1/2	2,682.72	1/2	2,338.37	1/2	1,994.02
3/4	3/4	3/4	4,689.61	3/4	4,380.83	3/4	4,051.59	3/4	3,708.08	3/4	3,363.93	3/4	3,019.78	3/4	2,675.54	3/4	2,331.19	3/4	1,986.85
6	6	6	4,683.38	6	4,374.17	6	4,044.51	6	3,700.91	6	3,356.76	6	3,012.61	6	2,668.37	6	2,324.02	6	1,979.67
1/4	1/4	1/4	4,677.15	1/4	4,367.51	1/4	4,037.44	1/4	3,693.75	1/4	3,349.59	1/4	3,005.44	1/4	2,661.19	1/4	2,316.85	1/4	1,972.50
1/2	1/2	1/2	4,670.92	1/2	4,360.84	1/2	4,030.36	1/2	3,686.58	1/2	3,342.42	1/2	2,998.27	1/2	2,654.02	1/2	2,309.67	1/2	1,965.33
3/4	3/4	3/4	4,664.66	3/4	4,354.15	3/4	4,023.25	3/4	3,679.41	3/4	3,335.26	3/4	2,991.10	3/4	2,646.85	3/4	2,302.50	3/4	1,958.15
7	7	7	4,658.40	7	4,347.46	7	4,016.13	7	3,672.24	7	3,328.09	7	2,983.93	7	2,639.67	7	2,295.32	7	1,950.98
1/4	1/4	1/4	4,652.14	1/4	4,340.76	1/4	4,009.02	1/4	3,665.07	1/4	3,320.92	1/4	2,976.77	1/4	2,632.50	1/4	2,288.15	1/4	1,943.80
1/2	1/2	1/2	4,645.88	1/2	4,334.07	1/2	4,001.91	1/2	3,657.90	1/2	3,313.75	1/2	2,969.60	1/2	2,625.32	1/2	2,280.98	1/2	1,936.63
3/4	3/4	3/4	4,639.59	3/4	4,327.35	3/4	3,994.77	3/4	3,650.73	3/4	3,306.58	3/4	2,962.43	3/4	2,618.15	3/4	2,273.80	3/4	1,929.46
8	8	8	4,633.29	8	4,320.62	8	3,987.63	8	3,643.56	8	3,299.41	8	2,955.26	8	2,610.98	8	2,266.63	8	1,922.28
1/4	1/4	1/4	4,627.00	1/4	4,313.90	1/4	3,980.49	1/4	3,636.39	1/4	3,292.24	1/4	2,948.09	1/4	2,603.80	1/4	2,259.46	1/4	1,915.11
1/2	1/2	1/2	4,620.70	1/2	4,307.17	1/2	3,973.34	1/2	3,629.22	1/2	3,285.07	1/2	2,940.92	1/2	2,596.63	1/2	2,252.28	1/2	1,907.93
3/4	3/4	3/4	4,614.37	3/4	4,300.41	3/4	3,966.18	3/4	3,622.05	3/4	3,277.90	3/4	2,933.75	3/4	2,589.45	3/4	2,245.11	3/4	1,900.76
9	9	9	4,608.04	9	4,293.66	9	3,959.02	9	3,614.88	9	3,270.73	9	2,926.58	9	2,582.28	9	2,237.93	9	1,893.59
1/4	1/4	1/4	4,601.71	1/4	4,286.90	1/4	3,951.85	1/4	3,607.71	1/4	3,263.56	1/4	2,919.41	1/4	2,575.11	1/4	2,230.76	1/4	1,886.41
1/2	1/2	1/2	4,595.39	1/2	4,280.14	1/2	3,944.69	1/2	3,600.54	1/2	3,256.39	1/2	2,912.24	1/2	2,567.93	1/2	2,223.59	1/2	1,879.24
3/4	3/4	3/4	4,589.02	3/4	4,273.36	3/4	3,937.52	3/4	3,593.37	3/4	3,249.22	3/4	2,905.07	3/4	2,560.76	3/4	2,216.41	3/4	1,872.06
10	10	10	4,582.66	10	4,266.57	10	3,930.35	10	3,586.20	10	3,242.05	10	2,897.90	10	2,553.59	10	2,209.24	10	1,864.89
1/4	1/4	1/4	4,576.30	1/4	4,259.78	1/4	3,923.18	1/4	3,579.03	1/4	3,234.88	1/4	2,890.73	1/4	2,546.41	1/4	2,202.06	1/4	1,857.72
1/2	1/2	1/2	4,569.94	1/2	4,252.99	1/2	3,916.01	1/2	3,571.86	1/2	3,227.71	1/2	2,883.56	1/2	2,539.24	1/2	2,194.89	1/2	1,850.54
3/4	3/4	3/4	4,563.55	3/4	4,246.17	3/4	3,908.84	3/4	3,564.69	3/4	3,220.54	3/4	2,876.39	3/4	2,532.06	3/4	2,187.72	3/4	1,843.37

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 OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 340"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,836.20	0	1,491.85	0	1,147.50	0	803.60	0	459.28	0	114.96	0		0		0		0	
1/4	1,829.02	1/4	1,484.67	1/4	1,140.33	1/4	796.44	1/4	452.11	1/4	107.80	1/4		1/4		1/4		1/4	
1/2	1,821.85	1/2	1,477.50	1/2	1,133.15	1/2	789.27	1/2	444.94	1/2	100.63	1/2		1/2		1/2		1/2	
3/4	1,814.67	3/4	1,470.33	3/4	1,125.98	3/4	782.10	3/4	437.76	3/4	93.48	3/4		3/4		3/4		3/4	
1	1,807.50	1	1,463.15	1	1,118.81	1	774.92	1	430.59	1	86.33	1		1		1		1	
1/4	1,800.33	1/4	1,455.98	1/4	1,111.63	1/4	767.75	1/4	423.42	1/4	79.18	1/4		1/4		1/4		1/4	
1/2	1,793.15	1/2	1,448.80	1/2	1,104.46	1/2	760.57	1/2	416.24	1/2	72.02	1/2		1/2		1/2		1/2	
3/4	1,785.98	3/4	1,441.63	3/4	1,097.29	3/4	753.40	3/4	409.07	3/4	65.32	3/4		3/4		3/4		3/4	
2	1,778.80	2	1,434.46	2	1,090.12	2	746.23	2	401.89	2	58.61	2		2		2		2	
1/4	1,771.63	1/4	1,427.28	1/4	1,082.94	1/4	739.05	1/4	394.72	1/4	51.90	1/4		1/4		1/4		1/4	
1/2	1,764.46	1/2	1,420.11	1/2	1,075.77	1/2	731.88	1/2	387.55	1/2	45.20	1/2		1/2		1/2		1/2	
3/4	1,757.28	3/4	1,412.94	3/4	1,068.61	3/4	724.71	3/4	380.37	3/4	39.82	3/4		3/4		3/4		3/4	
3	1,750.11	3	1,405.76	3	1,061.44	3	717.53	3	373.20	3	34.44	3		3		3		3	
1/4	1,742.93	1/4	1,398.59	1/4	1,054.27	1/4	710.36	1/4	366.03	1/4	29.06	1/4		1/4		1/4		1/4	
1/2	1,735.76	1/2	1,391.41	1/2	1,047.10	1/2	703.19	1/2	358.85	1/2	23.68	1/2		1/2		1/2		1/2	
3/4	1,728.59	3/4	1,384.24	3/4	1,039.94	3/4	696.01	3/4	351.68	3/4		3/4		3/4		3/4		3/4	
4	1,721.41	4	1,377.07	4	1,032.77	4	688.84	4	344.51	4		4		4		4		4	
1/4	1,714.24	1/4	1,369.89	1/4	1,025.61	1/4	681.66	1/4	337.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,707.07	1/2	1,362.72	1/2	1,018.44	1/2	674.49	1/2	330.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,699.89	3/4	1,355.54	3/4	1,011.28	3/4	667.32	3/4	322.98	3/4		3/4		3/4		3/4		3/4	
5	1,692.72	5	1,348.37	5	1,004.12	5	660.14	5	315.81	5		5		5		5		5	
1/4	1,685.54	1/4	1,341.20	1/4	996.96	1/4	652.97	1/4	308.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,678.37	1/2	1,334.02	1/2	989.80	1/2	645.80	1/2	301.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,671.20	3/4	1,326.85	3/4	982.64	3/4	638.62	3/4	294.29	3/4		3/4		3/4		3/4		3/4	
6	1,664.02	6	1,319.67	6	975.48	6	631.45	6	287.12	6		6		6		6		6	
1/4	1,656.85	1/4	1,312.50	1/4	968.32	1/4	624.28	1/4	279.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,649.67	1/2	1,305.33	1/2	961.16	1/2	617.10	1/2	272.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,642.50	3/4	1,298.15	3/4	953.99	3/4	609.93	3/4	265.60	3/4		3/4		3/4		3/4		3/4	
7	1,635.33	7	1,290.98	7	946.83	7	602.76	7	258.42	7		7		7		7		7	
1/4	1,628.15	1/4	1,283.80	1/4	939.67	1/4	595.58	1/4	251.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,620.98	1/2	1,276.63	1/2	932.51	1/2	588.41	1/2	244.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,613.80	3/4	1,269.46	3/4	925.35	3/4	581.23	3/4	236.90	3/4		3/4		3/4		3/4		3/4	
8	1,606.63	8	1,262.28	8	918.19	8	574.06	8	229.73	8		8		8		8		8	
1/4	1,599.46	1/4	1,255.11	1/4	911.03	1/4	566.89	1/4	222.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,592.28	1/2	1,247.94	1/2	903.87	1/2	559.71	1/2	215.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,585.11	3/4	1,240.76	3/4	896.71	3/4	552.54	3/4	208.21	3/4		3/4		3/4		3/4		3/4	
9	1,577.93	9	1,233.59	9	889.55	9	545.37	9	201.03	9		9		9		9		9	
1/4	1,570.76	1/4	1,226.41	1/4	882.39	1/4	538.19	1/4	193.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,563.59	1/2	1,219.24	1/2	875.22	1/2	531.02	1/2	186.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,556.41	3/4	1,212.07	3/4	868.06	3/4	523.85	3/4	179.51	3/4		3/4		3/4		3/4		3/4	
10	1,549.24	10	1,204.89	10	860.90	10	516.67	10	172.34	10		10		10		10		10	
1/4	1,542.07	1/4	1,197.72	1/4	853.74	1/4	509.50	1/4	165.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,534.89	1/2	1,190.54	1/2	846.58	1/2	502.32	1/2	157.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,527.72	3/4	1,183.37	3/4	839.42	3/4	495.15	3/4	150.82	3/4		3/4		3/4		3/4		3/4	
11	1,520.54	11	1,176.20	11	832.26	11	487.98	11	143.65	11		11		11		11		11	
1/4	1,513.37	1/4	1,169.02	1/4	825.10	1/4	480.80	1/4	136.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,506.20	1/2	1,161.85	1/2	817.94	1/2	473.63	1/2	129.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,499.02	3/4	1,154.67	3/4	810.77	3/4	466.46	3/4	122.13	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 SW
CALCULATED: 04/24/2014 CL
PRINTED: 04/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

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



BARGE "CTCo 340"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,911.85	0	1,547.22	0	1,183.22	0	828.78	0	463.95	0	99.17	0		0		0		0	
1/4	1,904.26	1/4	1,539.62	1/4	1,175.84	1/4	821.18	1/4	456.35	1/4	91.59	1/4		1/4		1/4		1/4	
1/2	1,896.66	1/2	1,532.03	1/2	1,168.45	1/2	813.58	1/2	448.75	1/2	84.00	1/2		1/2		1/2		1/2	
3/4	1,889.06	3/4	1,524.43	3/4	1,161.06	3/4	805.97	3/4	441.15	3/4	76.41	3/4		3/4		3/4		3/4	
1	1,881.47	1	1,516.84	1	1,153.68	1	798.37	1	433.55	1	69.30	1		1		1		1	
1/4	1,873.87	1/4	1,509.24	1/4	1,146.30	1/4	790.77	1/4	425.95	1/4	62.18	1/4		1/4		1/4		1/4	
1/2	1,866.27	1/2	1,501.64	1/2	1,138.92	1/2	783.17	1/2	418.35	1/2	55.06	1/2		1/2		1/2		1/2	
3/4	1,858.68	3/4	1,494.05	3/4	1,131.54	3/4	775.57	3/4	410.75	3/4	47.94	3/4		3/4		3/4		3/4	
2	1,851.08	2	1,486.45	2	1,124.17	2	767.97	2	403.15	2	42.24	2		2		2		2	
1/4	1,843.48	1/4	1,478.85	1/4	1,116.80	1/4	760.37	1/4	395.55	1/4	36.53	1/4		1/4		1/4		1/4	
1/2	1,835.89	1/2	1,471.26	1/2	1,109.42	1/2	752.77	1/2	387.95	1/2	30.82	1/2		1/2		1/2		1/2	
3/4	1,828.29	3/4	1,463.66	3/4	1,102.05	3/4	745.17	3/4	380.36	3/4	25.11	3/4		3/4		3/4		3/4	
3	1,820.70	3	1,456.06	3	1,094.68	3	737.57	3	372.76	3		3		3		3		3	
1/4	1,813.10	1/4	1,448.47	1/4	1,087.31	1/4	729.97	1/4	365.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,805.50	1/2	1,440.87	1/2	1,079.94	1/2	722.37	1/2	357.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,797.91	3/4	1,433.27	3/4	1,072.57	3/4	714.77	3/4	349.96	3/4		3/4		3/4		3/4		3/4	
4	1,790.31	4	1,425.68	4	1,065.20	4	707.17	4	342.36	4		4		4		4		4	
1/4	1,782.71	1/4	1,418.08	1/4	1,057.83	1/4	699.56	1/4	334.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,775.12	1/2	1,410.48	1/2	1,050.47	1/2	691.96	1/2	327.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,767.52	3/4	1,402.89	3/4	1,043.10	3/4	684.36	3/4	319.56	3/4		3/4		3/4		3/4		3/4	
5	1,759.92	5	1,395.29	5	1,035.73	5	676.76	5	311.96	5		5		5		5		5	
1/4	1,752.33	1/4	1,387.69	1/4	1,028.37	1/4	669.16	1/4	304.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,744.73	1/2	1,380.10	1/2	1,021.00	1/2	661.56	1/2	296.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,737.13	3/4	1,372.50	3/4	1,013.64	3/4	653.96	3/4	289.16	3/4		3/4		3/4		3/4		3/4	
6	1,729.54	6	1,364.91	6	1,006.27	6	646.36	6	281.56	6		6		6		6		6	
1/4	1,721.94	1/4	1,357.31	1/4	998.90	1/4	638.76	1/4	273.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,714.34	1/2	1,349.71	1/2	991.54	1/2	631.16	1/2	266.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,706.75	3/4	1,342.12	3/4	984.17	3/4	623.56	3/4	258.76	3/4		3/4		3/4		3/4		3/4	
7	1,699.15	7	1,334.52	7	976.80	7	615.96	7	251.17	7		7		7		7		7	
1/4	1,691.55	1/4	1,326.92	1/4	969.44	1/4	608.36	1/4	243.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,683.96	1/2	1,319.33	1/2	962.07	1/2	600.76	1/2	235.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,676.36	3/4	1,311.73	3/4	954.71	3/4	593.15	3/4	228.37	3/4		3/4		3/4		3/4		3/4	
8	1,668.77	8	1,304.13	8	947.34	8	585.55	8	220.76	8		8		8		8		8	
1/4	1,661.17	1/4	1,296.54	1/4	939.97	1/4	577.95	1/4	213.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,653.57	1/2	1,288.94	1/2	932.61	1/2	570.35	1/2	205.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,645.98	3/4	1,281.34	3/4	925.24	3/4	562.75	3/4	197.96	3/4		3/4		3/4		3/4		3/4	
9	1,638.38	9	1,273.75	9	917.87	9	555.15	9	190.36	9		9		9		9		9	
1/4	1,630.78	1/4	1,266.15	1/4	910.51	1/4	547.55	1/4	182.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,623.19	1/2	1,258.55	1/2	903.14	1/2	539.95	1/2	175.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,615.59	3/4	1,250.96	3/4	895.77	3/4	532.35	3/4	167.56	3/4		3/4		3/4		3/4		3/4	
10	1,607.99	10	1,243.36	10	888.41	10	524.75	10	159.96	10		10		10		10		10	
1/4	1,600.40	1/4	1,235.76	1/4	881.04	1/4	517.15	1/4	152.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,592.80	1/2	1,228.17	1/2	873.68	1/2	509.55	1/2	144.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,585.20	3/4	1,220.57	3/4	866.31	3/4	501.95	3/4	137.15	3/4		3/4		3/4		3/4		3/4	
11	1,577.61	11	1,213.08	11	858.83	11	494.35	11	129.55	11		11		11		11		11	
1/4	1,570.01	1/4	1,205.59	1/4	851.34	1/4	486.75	1/4	121.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,562.41	1/2	1,198.10	1/2	843.86	1/2	479.15	1/2	114.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,554.82	3/4	1,190.61	3/4	836.38	3/4	471.55	3/4	106.76	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 SW
CALCULATED: 04/24/2014 CL
PRINTED: 04/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

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



BARGE "CTCo 340"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,948.43	0	1,583.02	0	1,217.61	0	852.74	0	487.36	0	121.98	0		0		0		0	
1/4	1,940.82	1/4	1,575.41	1/4	1,210.00	1/4	845.13	1/4	479.75	1/4	114.37	1/4		1/4		1/4		1/4	
1/2	1,933.21	1/2	1,567.80	1/2	1,202.39	1/2	837.53	1/2	472.13	1/2	106.76	1/2		1/2		1/2		1/2	
3/4	1,925.59	3/4	1,560.18	3/4	1,194.77	3/4	829.92	3/4	464.52	3/4	99.18	3/4		3/4		3/4		3/4	
1	1,917.98	1	1,552.57	1	1,187.16	1	822.30	1	456.91	1	91.59	1		1		1		1	
1/4	1,910.37	1/4	1,544.96	1/4	1,179.55	1/4	814.69	1/4	449.30	1/4	84.00	1/4		1/4		1/4		1/4	
1/2	1,902.76	1/2	1,537.35	1/2	1,171.94	1/2	807.08	1/2	441.68	1/2	76.41	1/2		1/2		1/2		1/2	
3/4	1,895.14	3/4	1,529.73	3/4	1,164.33	3/4	799.47	3/4	434.07	3/4	69.29	3/4		3/4		3/4		3/4	
2	1,887.53	2	1,522.12	2	1,156.72	2	791.85	2	426.46	2	62.18	2		2		2		2	
1/4	1,879.92	1/4	1,514.51	1/4	1,149.11	1/4	784.24	1/4	418.85	1/4	55.06	1/4		1/4		1/4		1/4	
1/2	1,872.30	1/2	1,506.90	1/2	1,141.50	1/2	776.63	1/2	411.23	1/2	47.94	1/2		1/2		1/2		1/2	
3/4	1,864.69	3/4	1,499.28	3/4	1,133.90	3/4	769.02	3/4	403.62	3/4	42.23	3/4		3/4		3/4		3/4	
3	1,857.08	3	1,491.67	3	1,126.29	3	761.40	3	396.01	3	36.52	3		3		3		3	
1/4	1,849.47	1/4	1,484.06	1/4	1,118.69	1/4	753.79	1/4	388.40	1/4	30.81	1/4		1/4		1/4		1/4	
1/2	1,841.85	1/2	1,476.44	1/2	1,111.08	1/2	746.18	1/2	380.78	1/2	25.11	1/2		1/2		1/2		1/2	
3/4	1,834.24	3/4	1,468.83	3/4	1,103.48	3/4	738.57	3/4	373.17	3/4		3/4		3/4		3/4		3/4	
4	1,826.63	4	1,461.22	4	1,095.88	4	730.95	4	365.56	4		4		4		4		4	
1/4	1,819.02	1/4	1,453.61	1/4	1,088.28	1/4	723.34	1/4	357.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,811.40	1/2	1,445.99	1/2	1,080.68	1/2	715.73	1/2	350.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,803.79	3/4	1,438.38	3/4	1,073.08	3/4	708.12	3/4	342.72	3/4		3/4		3/4		3/4		3/4	
5	1,796.18	5	1,430.77	5	1,065.48	5	700.50	5	335.11	5		5		5		5		5	
1/4	1,788.57	1/4	1,423.16	1/4	1,057.89	1/4	692.89	1/4	327.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,780.95	1/2	1,415.54	1/2	1,050.29	1/2	685.28	1/2	319.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,773.34	3/4	1,407.93	3/4	1,042.69	3/4	677.67	3/4	312.27	3/4		3/4		3/4		3/4		3/4	
6	1,765.73	6	1,400.32	6	1,035.09	6	670.06	6	304.66	6		6		6		6		6	
1/4	1,758.11	1/4	1,392.70	1/4	1,027.50	1/4	662.44	1/4	297.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,750.50	1/2	1,385.09	1/2	1,019.90	1/2	654.83	1/2	289.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,742.89	3/4	1,377.48	3/4	1,012.30	3/4	647.22	3/4	281.82	3/4		3/4		3/4		3/4		3/4	
7	1,735.28	7	1,369.87	7	1,004.71	7	639.61	7	274.21	7		7		7		7		7	
1/4	1,727.66	1/4	1,362.25	1/4	997.11	1/4	631.99	1/4	266.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,720.05	1/2	1,354.64	1/2	989.51	1/2	624.38	1/2	258.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,712.44	3/4	1,347.03	3/4	981.91	3/4	616.77	3/4	251.37	3/4		3/4		3/4		3/4		3/4	
8	1,704.83	8	1,339.42	8	974.32	8	609.16	8	243.76	8		8		8		8		8	
1/4	1,697.21	1/4	1,331.80	1/4	966.72	1/4	601.54	1/4	236.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,689.60	1/2	1,324.19	1/2	959.12	1/2	593.93	1/2	228.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,681.99	3/4	1,316.58	3/4	951.52	3/4	586.32	3/4	220.92	3/4		3/4		3/4		3/4		3/4	
9	1,674.37	9	1,308.97	9	943.93	9	578.71	9	213.31	9		9		9		9		9	
1/4	1,666.76	1/4	1,301.35	1/4	936.33	1/4	571.09	1/4	205.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,659.15	1/2	1,293.74	1/2	928.73	1/2	563.48	1/2	198.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,651.54	3/4	1,286.13	3/4	921.13	3/4	555.87	3/4	190.47	3/4		3/4		3/4		3/4		3/4	
10	1,643.92	10	1,278.51	10	913.54	10	548.26	10	182.86	10		10		10		10		10	
1/4	1,636.31	1/4	1,270.90	1/4	905.94	1/4	540.64	1/4	175.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,628.70	1/2	1,263.29	1/2	898.34	1/2	533.03	1/2	167.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,621.09	3/4	1,255.68	3/4	890.74	3/4	525.42	3/4	160.03	3/4		3/4		3/4		3/4		3/4	
11	1,613.47	11	1,248.06	11	883.15	11	517.81	11	152.41	11		11		11		11		11	
1/4	1,605.86	1/4	1,240.45	1/4	875.55	1/4	510.19	1/4	144.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.25	1/2	1,232.84	1/2	867.95	1/2	502.58	1/2	137.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,590.63	3/4	1,225.23	3/4	860.35	3/4	494.97	3/4	129.58	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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