



BARGE "CTCo 340"

INNAGE 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 INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

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	23.51	0	325.83	0	684.01	0	1,049.48	0	1,416.16	0	1,783.35	0	2,150.53	0	2,517.71	0	2,884.89	0	3,251.95
1/4	28.00	1/4	332.89	1/4	691.66	1/4	1,057.09	1/4	1,423.81	1/4	1,790.99	1/4	2,158.18	1/4	2,525.36	1/4	2,892.54	1/4	3,259.60
1/2	32.49	1/2	339.95	1/2	699.31	1/2	1,064.69	1/2	1,431.46	1/2	1,798.64	1/2	2,165.83	1/2	2,533.01	1/2	2,900.19	1/2	3,267.24
3/4	36.98	3/4	347.01	3/4	706.96	3/4	1,072.30	3/4	1,439.11	3/4	1,806.29	3/4	2,173.47	3/4	2,540.66	3/4	2,907.84	3/4	3,274.89
1	41.47	1	354.06	1	714.61	1	1,079.90	1	1,446.76	1	1,813.94	1	2,181.12	1	2,548.31	1	2,915.49	1	3,282.54
1/4	47.02	1/4	361.21	1/4	722.26	1/4	1,087.52	1/4	1,454.41	1/4	1,821.59	1/4	2,188.77	1/4	2,555.95	1/4	2,923.14	1/4	3,290.18
1/2	52.58	1/2	368.36	1/2	729.91	1/2	1,095.13	1/2	1,462.06	1/2	1,829.24	1/2	2,196.42	1/2	2,563.60	1/2	2,930.79	1/2	3,297.83
3/4	58.13	3/4	375.51	3/4	737.56	3/4	1,102.74	3/4	1,469.71	3/4	1,836.89	3/4	2,204.07	3/4	2,571.25	3/4	2,938.43	3/4	3,305.47
2	63.68	2	382.67	2	745.21	2	1,110.36	2	1,477.36	2	1,844.54	2	2,211.72	2	2,578.90	2	2,946.08	2	3,313.12
1/4	69.80	1/4	389.91	1/4	752.86	1/4	1,117.98	1/4	1,485.01	1/4	1,852.19	1/4	2,219.37	1/4	2,586.55	1/4	2,953.73	1/4	3,320.76
1/2	75.92	1/2	397.15	1/2	760.51	1/2	1,125.60	1/2	1,492.66	1/2	1,859.84	1/2	2,227.02	1/2	2,594.20	1/2	2,961.38	1/2	3,328.41
3/4	82.03	3/4	404.39	3/4	768.16	3/4	1,133.22	3/4	1,500.31	3/4	1,867.49	3/4	2,234.67	3/4	2,601.85	3/4	2,969.03	3/4	3,336.06
3	88.15	3	411.63	3	775.81	3	1,140.84	3	1,507.96	3	1,875.14	3	2,242.32	3	2,609.50	3	2,976.68	3	3,343.70
1/4	94.37	1/4	418.96	1/4	783.43	1/4	1,148.47	1/4	1,515.61	1/4	1,882.79	1/4	2,249.97	1/4	2,617.15	1/4	2,984.34	1/4	3,351.35
1/2	100.60	1/2	426.29	1/2	791.05	1/2	1,156.11	1/2	1,523.26	1/2	1,890.44	1/2	2,257.62	1/2	2,624.80	1/2	2,991.99	1/2	3,358.99
3/4	106.82	3/4	433.62	3/4	798.68	3/4	1,163.74	3/4	1,530.91	3/4	1,898.09	3/4	2,265.27	3/4	2,632.45	3/4	2,999.64	3/4	3,366.64
4	113.05	4	440.96	4	806.30	4	1,171.38	4	1,538.56	4	1,905.74	4	2,272.92	4	2,640.10	4	3,007.29	4	3,374.28
1/4	119.37	1/4	448.38	1/4	813.90	1/4	1,179.03	1/4	1,546.21	1/4	1,913.39	1/4	2,280.57	1/4	2,647.75	1/4	3,014.94	1/4	3,381.93
1/2	125.69	1/2	455.80	1/2	821.50	1/2	1,186.68	1/2	1,553.86	1/2	1,921.04	1/2	2,288.22	1/2	2,655.40	1/2	3,022.59	1/2	3,389.57
3/4	132.02	3/4	463.22	3/4	829.10	3/4	1,194.33	3/4	1,561.51	3/4	1,928.69	3/4	2,295.87	3/4	2,663.05	3/4	3,030.23	3/4	3,397.22
5	138.34	5	470.65	5	836.70	5	1,201.98	5	1,569.16	5	1,936.34	5	2,303.52	5	2,670.70	5	3,037.88	5	3,404.87
1/4	144.76	1/4	478.16	1/4	844.30	1/4	1,209.63	1/4	1,576.81	1/4	1,943.99	1/4	2,311.17	1/4	2,678.35	1/4	3,045.52	1/4	3,412.51
1/2	151.18	1/2	485.67	1/2	851.90	1/2	1,217.27	1/2	1,584.46	1/2	1,951.64	1/2	2,318.82	1/2	2,686.00	1/2	3,053.17	1/2	3,420.16
3/4	157.60	3/4	493.19	3/4	859.50	3/4	1,224.92	3/4	1,592.11	3/4	1,959.29	3/4	2,326.47	3/4	2,693.65	3/4	3,060.81	3/4	3,427.80
6	164.03	6	500.70	6	867.09	6	1,232.57	6	1,599.75	6	1,966.94	6	2,334.12	6	2,701.30	6	3,068.46	6	3,435.45
1/4	170.54	1/4	508.29	1/4	874.69	1/4	1,240.22	1/4	1,607.40	1/4	1,974.59	1/4	2,341.77	1/4	2,708.95	1/4	3,076.10	1/4	3,443.09
1/2	177.06	1/2	515.88	1/2	882.29	1/2	1,247.87	1/2	1,615.05	1/2	1,982.23	1/2	2,349.42	1/2	2,716.60	1/2	3,083.75	1/2	3,450.74
3/4	183.57	3/4	523.48	3/4	889.89	3/4	1,255.52	3/4	1,622.70	3/4	1,989.88	3/4	2,357.07	3/4	2,724.25	3/4	3,091.40	3/4	3,458.38
7	190.08	7	531.07	7	897.49	7	1,263.17	7	1,630.35	7	1,997.53	7	2,364.71	7	2,731.90	7	3,099.04	7	3,466.03
1/4	196.69	1/4	538.71	1/4	905.09	1/4	1,270.82	1/4	1,638.00	1/4	2,005.18	1/4	2,372.36	1/4	2,739.55	1/4	3,106.69	1/4	3,473.68
1/2	203.30	1/2	546.35	1/2	912.69	1/2	1,278.47	1/2	1,645.65	1/2	2,012.83	1/2	2,380.01	1/2	2,747.19	1/2	3,114.33	1/2	3,481.32
3/4	209.90	3/4	553.98	3/4	920.29	3/4	1,286.12	3/4	1,653.30	3/4	2,020.48	3/4	2,387.66	3/4	2,754.84	3/4	3,121.98	3/4	3,488.97
8	216.51	8	561.62	8	927.88	8	1,293.77	8	1,660.95	8	2,028.13	8	2,395.31	8	2,762.49	8	3,129.62	8	3,496.61
1/4	223.20	1/4	569.27	1/4	935.48	1/4	1,301.42	1/4	1,668.60	1/4	2,035.78	1/4	2,402.96	1/4	2,770.14	1/4	3,137.27	1/4	3,504.26
1/2	229.90	1/2	576.92	1/2	943.08	1/2	1,309.07	1/2	1,676.25	1/2	2,043.43	1/2	2,410.61	1/2	2,777.79	1/2	3,144.92	1/2	3,511.90
3/4	236.60	3/4	584.57	3/4	950.68	3/4	1,316.72	3/4	1,683.90	3/4	2,051.08	3/4	2,418.26	3/4	2,785.44	3/4	3,152.56	3/4	3,519.55
9	243.29	9	592.22	9	958.28	9	1,324.37	9	1,691.55	9	2,058.73	9	2,425.91	9	2,793.09	9	3,160.21	9	3,527.20
1/4	250.08	1/4	599.87	1/4	965.88	1/4	1,332.02	1/4	1,699.20	1/4	2,066.38	1/4	2,433.56	1/4	2,800.74	1/4	3,167.85	1/4	3,534.84
1/2	256.87	1/2	607.52	1/2	973.48	1/2	1,339.67	1/2	1,706.85	1/2	2,074.03	1/2	2,441.21	1/2	2,808.39	1/2	3,175.50	1/2	3,542.48
3/4	263.65	3/4	615.17	3/4	981.08	3/4	1,347.32	3/4	1,714.50	3/4	2,081.68	3/4	2,448.86	3/4	2,816.04	3/4	3,183.14	3/4	3,550.12
10	270.44	10	622.82	10	988.68	10	1,354.97	10	1,722.15	10	2,089.33	10	2,456.51	10	2,823.69	10	3,190.79	10	3,557.76
1/4	277.32	1/4	630.47	1/4	996.27	1/4	1,362.62	1/4	1,729.80	1/4	2,096.98	1/4	2,464.16	1/4	2,831.34	1/4	3,198.43	1/4	3,565.39
1/2	284.20	1/2	638.12	1/2	1,003.87	1/2	1,370.27	1/2	1,737.45	1/2	2,104.63	1/2	2,471.81	1/2	2,838.99	1/2	3,206.08	1/2	3,573.03
3/4	291.07	3/4	645.77	3/4	1,011.47	3/4	1,377.92	3/4	1,745.10	3/4	2,112.28	3/4	2,479.46	3/4	2,846.64	3/4	3,213.73	3/4	3,580.66
11	297.95	11	653.42	11	1,019.07	11	1,385.57	11	1,752.75	11	2,119.93	11	2,487.11	11	2,854.29	11	3,221.37	11	3,588.30
1/4	304.92	1/4	661.06	1/4	1,026.67	1/4	1,393.22	1/4	1,760.40	1/4	2,127.58	1/4	2,494.76	1/4	2,861.94	1/4	3,229.02	1/4	3,595.93
1/2	311.89	1/2	668.71	1/2	1,034.28	1/2	1,400.87	1/2	1,768.05	1/2	2,135.23	1/2	2,502.41	1/2	2,869.59	1/2	3,236.66	1/2	3,603.56
3/4	318.86	3/4	676.36	3/4	1,041.88	3/4	1,408.51	3/4	1,775.70	3/4	2,142.88	3/4	2,510.06	3/4	2,877.24	3/4	3,244.31	3/4	3,611.20

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 INNAGE 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

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BARGE "CTCo 340"

1 PORT INNAGE 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	3,618.83	0	3,985.27	0	4,348.86	0	4,693.77	0	5,026.92	0		0		0		0		0	
1/4	3,626.47	1/4	3,992.90	1/4	4,356.26	1/4	4,700.72	1/4	5,034.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,634.10	1/2	4,000.54	1/2	4,363.65	1/2	4,707.67	1/2	5,042.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,641.73	3/4	4,008.17	3/4	4,371.05	3/4	4,714.62	3/4	5,049.65	3/4		3/4		3/4		3/4		3/4	
1	3,649.37	1	4,015.81	1	4,378.44	1	4,721.57	1	5,057.23	1		1		1		1		1	
1/4	3,657.00	1/4	4,023.44	1/4	4,385.80	1/4	4,728.47	1/4	5,064.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,664.64	1/2	4,031.07	1/2	4,393.16	1/2	4,735.37	1/2	5,071.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.27	3/4	4,038.71	3/4	4,400.52	3/4	4,742.27	3/4	5,078.82	3/4		3/4		3/4		3/4		3/4	
2	3,679.90	2	4,046.34	2	4,407.88	2	4,749.16	2	5,086.01	2		2		2		2		2	
1/4	3,687.54	1/4	4,053.98	1/4	4,415.20	1/4	4,756.01	1/4	5,092.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,695.17	1/2	4,061.61	1/2	4,422.52	1/2	4,762.85	1/2	5,098.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,702.81	3/4	4,069.24	3/4	4,429.83	3/4	4,769.70	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,710.44	3	4,076.88	3	4,437.15	3	4,776.54	3		3		3		3		3		3	
1/4	3,718.08	1/4	4,084.51	1/4	4,444.41	1/4	4,783.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,725.71	1/2	4,092.15	1/2	4,451.68	1/2	4,790.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,733.34	3/4	4,099.78	3/4	4,458.95	3/4	4,796.97	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,740.98	4	4,107.41	4	4,466.22	4	4,803.78	4		4		4		4		4		4	
1/4	3,748.61	1/4	4,115.05	1/4	4,473.45	1/4	4,810.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.25	1/2	4,122.68	1/2	4,480.68	1/2	4,817.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.88	3/4	4,130.32	3/4	4,487.91	3/4	4,824.11	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,771.51	5	4,137.95	5	4,495.14	5	4,830.89	5		5		5		5		5		5	
1/4	3,779.15	1/4	4,145.58	1/4	4,502.33	1/4	4,837.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.78	1/2	4,153.20	1/2	4,509.53	1/2	4,844.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,794.42	3/4	4,160.83	3/4	4,516.72	3/4	4,851.12	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,802.05	6	4,168.46	6	4,523.92	6	4,857.87	6		6		6		6		6		6	
1/4	3,809.68	1/4	4,176.06	1/4	4,531.08	1/4	4,864.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.32	1/2	4,183.67	1/2	4,538.24	1/2	4,871.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,824.95	3/4	4,191.27	3/4	4,545.40	3/4	4,877.98	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,832.59	7	4,198.88	7	4,552.56	7	4,884.69	7		7		7		7		7		7	
1/4	3,840.22	1/4	4,206.45	1/4	4,559.69	1/4	4,891.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,847.85	1/2	4,214.02	1/2	4,566.82	1/2	4,898.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,855.49	3/4	4,221.59	3/4	4,573.95	3/4	4,904.70	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,863.12	8	4,229.16	8	4,581.08	8	4,911.37	8		8		8		8		8		8	
1/4	3,870.76	1/4	4,236.70	1/4	4,588.17	1/4	4,918.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,878.39	1/2	4,244.23	1/2	4,595.27	1/2	4,924.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.03	3/4	4,251.77	3/4	4,602.36	3/4	4,931.28	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,893.66	9	4,259.31	9	4,609.46	9	4,937.92	9		9		9		9		9		9	
1/4	3,901.29	1/4	4,266.81	1/4	4,616.52	1/4	4,945.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,908.93	1/2	4,274.31	1/2	4,623.58	1/2	4,952.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,916.56	3/4	4,281.81	3/4	4,630.64	3/4	4,959.21	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,924.20	10	4,289.31	10	4,637.70	10	4,966.31	10		10		10		10		10		10	
1/4	3,931.83	1/4	4,296.77	1/4	4,644.73	1/4	4,973.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,939.46	1/2	4,304.23	1/2	4,651.75	1/2	4,981.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,947.10	3/4	4,311.69	3/4	4,658.78	3/4	4,989.04	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,954.73	11	4,319.15	11	4,665.81	11	4,996.62	11		11		11		11		11		11	
1/4	3,962.37	1/4	4,326.58	1/4	4,672.80	1/4	5,004.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,970.00	1/2	4,334.01	1/2	4,679.79	1/2	5,011.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,977.63	3/4	4,341.44	3/4	4,686.78	3/4	5,019.35	3/4		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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.52	0	325.66	0	683.40	0	1,049.73	0	1,416.49	0	1,783.28	0	2,150.07	0	2,516.86	0	2,883.65	0	3,250.33
1/4	28.01	1/4	332.71	1/4	691.04	1/4	1,057.37	1/4	1,424.13	1/4	1,790.92	1/4	2,157.71	1/4	2,524.50	1/4	2,891.30	1/4	3,257.96
1/2	32.51	1/2	339.76	1/2	698.68	1/2	1,065.00	1/2	1,431.77	1/2	1,798.56	1/2	2,165.35	1/2	2,532.15	1/2	2,898.94	1/2	3,265.60
3/4	37.00	3/4	346.82	3/4	706.32	3/4	1,072.64	3/4	1,439.41	3/4	1,806.20	3/4	2,172.99	3/4	2,539.79	3/4	2,906.58	3/4	3,273.24
1	41.49	1	353.87	1	713.96	1	1,080.27	1	1,447.05	1	1,813.84	1	2,180.64	1	2,547.43	1	2,914.22	1	3,280.88
1/4	47.05	1/4	361.01	1/4	721.61	1/4	1,087.91	1/4	1,454.69	1/4	1,821.49	1/4	2,188.28	1/4	2,555.07	1/4	2,921.86	1/4	3,288.51
1/2	52.60	1/2	368.15	1/2	729.25	1/2	1,095.55	1/2	1,462.34	1/2	1,829.13	1/2	2,195.92	1/2	2,562.71	1/2	2,929.50	1/2	3,296.15
3/4	58.16	3/4	375.29	3/4	736.89	3/4	1,103.19	3/4	1,469.98	3/4	1,836.77	3/4	2,203.56	3/4	2,570.35	3/4	2,937.14	3/4	3,303.79
2	63.71	2	382.43	2	744.53	2	1,110.83	2	1,477.62	2	1,844.41	2	2,211.20	2	2,577.99	2	2,944.79	2	3,311.43
1/4	69.83	1/4	389.67	1/4	752.17	1/4	1,118.47	1/4	1,485.26	1/4	1,852.05	1/4	2,218.84	1/4	2,585.64	1/4	2,952.43	1/4	3,319.06
1/2	75.95	1/2	396.90	1/2	759.81	1/2	1,126.11	1/2	1,492.90	1/2	1,859.69	1/2	2,226.49	1/2	2,593.28	1/2	2,960.07	1/2	3,326.70
3/4	82.07	3/4	404.13	3/4	767.45	3/4	1,133.75	3/4	1,500.54	3/4	1,867.33	3/4	2,234.13	3/4	2,600.92	3/4	2,967.71	3/4	3,334.34
3	88.19	3	411.37	3	775.10	3	1,141.39	3	1,508.18	3	1,874.98	3	2,241.77	3	2,608.56	3	2,975.35	3	3,341.98
1/4	94.42	1/4	418.69	1/4	782.73	1/4	1,149.03	1/4	1,515.83	1/4	1,882.62	1/4	2,249.41	1/4	2,616.20	1/4	2,982.99	1/4	3,349.61
1/2	100.65	1/2	426.01	1/2	790.36	1/2	1,156.68	1/2	1,523.47	1/2	1,890.26	1/2	2,257.05	1/2	2,623.84	1/2	2,990.64	1/2	3,357.25
3/4	106.87	3/4	433.34	3/4	798.00	3/4	1,164.32	3/4	1,531.11	3/4	1,897.90	3/4	2,264.69	3/4	2,631.48	3/4	2,998.28	3/4	3,364.89
4	113.10	4	440.66	4	805.63	4	1,171.96	4	1,538.75	4	1,905.54	4	2,272.33	4	2,639.13	4	3,005.92	4	3,372.53
1/4	119.43	1/4	448.07	1/4	813.26	1/4	1,179.60	1/4	1,546.39	1/4	1,913.18	1/4	2,279.98	1/4	2,646.77	1/4	3,013.56	1/4	3,380.17
1/2	125.75	1/2	455.49	1/2	820.89	1/2	1,187.24	1/2	1,554.03	1/2	1,920.83	1/2	2,287.62	1/2	2,654.41	1/2	3,021.20	1/2	3,387.80
3/4	132.07	3/4	462.90	3/4	828.52	3/4	1,194.88	3/4	1,561.67	3/4	1,928.47	3/4	2,295.26	3/4	2,662.05	3/4	3,028.84	3/4	3,395.44
5	138.40	5	470.32	5	836.14	5	1,202.52	5	1,569.32	5	1,936.11	5	2,302.90	5	2,669.69	5	3,036.47	5	3,403.08
1/4	144.81	1/4	477.82	1/4	843.77	1/4	1,210.17	1/4	1,576.96	1/4	1,943.75	1/4	2,310.54	1/4	2,677.33	1/4	3,044.11	1/4	3,410.72
1/2	151.23	1/2	485.33	1/2	851.40	1/2	1,217.81	1/2	1,584.60	1/2	1,951.39	1/2	2,318.18	1/2	2,684.98	1/2	3,051.75	1/2	3,418.35
3/4	157.65	3/4	492.83	3/4	859.03	3/4	1,225.45	3/4	1,592.24	3/4	1,959.03	3/4	2,325.82	3/4	2,692.62	3/4	3,059.39	3/4	3,425.99
6	164.06	6	500.34	6	866.65	6	1,233.09	6	1,599.88	6	1,966.67	6	2,333.47	6	2,700.26	6	3,067.02	6	3,433.63
1/4	170.57	1/4	507.92	1/4	874.28	1/4	1,240.73	1/4	1,607.52	1/4	1,974.32	1/4	2,341.11	1/4	2,707.90	1/4	3,074.66	1/4	3,441.27
1/2	177.07	1/2	515.50	1/2	881.91	1/2	1,248.37	1/2	1,615.17	1/2	1,981.96	1/2	2,348.75	1/2	2,715.54	1/2	3,082.30	1/2	3,448.90
3/4	183.58	3/4	523.08	3/4	889.54	3/4	1,256.01	3/4	1,622.81	3/4	1,989.60	3/4	2,356.39	3/4	2,723.18	3/4	3,089.94	3/4	3,456.54
7	190.09	7	530.66	7	897.16	7	1,263.66	7	1,630.45	7	1,997.24	7	2,364.03	7	2,730.82	7	3,097.57	7	3,464.18
1/4	196.68	1/4	538.28	1/4	904.79	1/4	1,271.30	1/4	1,638.09	1/4	2,004.88	1/4	2,371.67	1/4	2,738.47	1/4	3,105.21	1/4	3,471.82
1/2	203.28	1/2	545.91	1/2	912.42	1/2	1,278.94	1/2	1,645.73	1/2	2,012.52	1/2	2,379.32	1/2	2,746.11	1/2	3,112.85	1/2	3,479.45
3/4	209.88	3/4	553.53	3/4	920.05	3/4	1,286.58	3/4	1,653.37	3/4	2,020.16	3/4	2,386.96	3/4	2,753.75	3/4	3,120.49	3/4	3,487.09
8	216.47	8	561.15	8	927.68	8	1,294.22	8	1,661.01	8	2,027.81	8	2,394.60	8	2,761.39	8	3,128.12	8	3,494.73
1/4	223.16	1/4	568.79	1/4	935.30	1/4	1,301.86	1/4	1,668.66	1/4	2,035.45	1/4	2,402.24	1/4	2,769.03	1/4	3,135.76	1/4	3,502.37
1/2	229.85	1/2	576.43	1/2	942.93	1/2	1,309.51	1/2	1,676.30	1/2	2,043.09	1/2	2,409.88	1/2	2,776.67	1/2	3,143.40	1/2	3,510.00
3/4	236.54	3/4	584.06	3/4	950.56	3/4	1,317.15	3/4	1,683.94	3/4	2,050.73	3/4	2,417.52	3/4	2,784.31	3/4	3,151.04	3/4	3,517.64
9	243.23	9	591.70	9	958.19	9	1,324.79	9	1,691.58	9	2,058.37	9	2,425.16	9	2,791.96	9	3,158.67	9	3,525.28
1/4	250.01	1/4	599.34	1/4	965.81	1/4	1,332.43	1/4	1,699.22	1/4	2,066.01	1/4	2,432.81	1/4	2,799.60	1/4	3,166.31	1/4	3,532.92
1/2	256.78	1/2	606.99	1/2	973.44	1/2	1,340.07	1/2	1,706.86	1/2	2,073.66	1/2	2,440.45	1/2	2,807.24	1/2	3,173.95	1/2	3,540.55
3/4	263.56	3/4	614.63	3/4	981.07	3/4	1,347.71	3/4	1,714.50	3/4	2,081.30	3/4	2,448.09	3/4	2,814.88	3/4	3,181.59	3/4	3,548.19
10	270.34	10	622.27	10	988.70	10	1,355.35	10	1,722.15	10	2,088.94	10	2,455.73	10	2,822.52	10	3,189.23	10	3,555.83
1/4	277.21	1/4	629.91	1/4	996.32	1/4	1,363.00	1/4	1,729.79	1/4	2,096.58	1/4	2,463.37	1/4	2,830.16	1/4	3,196.86	1/4	3,563.47
1/2	284.08	1/2	637.55	1/2	1,003.95	1/2	1,370.64	1/2	1,737.43	1/2	2,104.22	1/2	2,471.01	1/2	2,837.81	1/2	3,204.50	1/2	3,571.11
3/4	290.95	3/4	645.19	3/4	1,011.58	3/4	1,378.28	3/4	1,745.07	3/4	2,111.86	3/4	2,478.65	3/4	2,845.45	3/4	3,212.14	3/4	3,578.74
11	297.82	11	652.83	11	1,019.21	11	1,385.92	11	1,752.71	11	2,119.50	11	2,486.30	11	2,853.09	11	3,219.78	11	3,586.38
1/4	304.78	1/4	660.47	1/4	1,026.84	1/4	1,393.56	1/4	1,760.35	1/4	2,127.15	1/4	2,493.94	1/4	2,860.73	1/4	3,227.41	1/4	3,594.02
1/2	311.74	1/2	668.12	1/2	1,034.47	1/2	1,401.20	1/2	1,768.00	1/2	2,134.79	1/2	2,501.58	1/2	2,868.37	1/2	3,235.05	1/2	3,601.66
3/4	318.70	3/4	675.76	3/4	1,042.10	3/4	1,408.84	3/4	1,775.64	3/4	2,142.43	3/4	2,509.22	3/4	2,876.01	3/4	3,242.69	3/4	3,609.29

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE 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
INNAGE 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.	
0	3,616.93	0	3,983.54	0	4,347.29	0	4,692.36	0	5,025.67	0		0		0		0		0	
1/4	3,624.57	1/4	3,991.17	1/4	4,354.69	1/4	4,699.31	1/4	5,033.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,632.21	1/2	3,998.81	1/2	4,362.09	1/2	4,706.26	1/2	5,040.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,639.84	3/4	4,006.45	3/4	4,369.49	3/4	4,713.22	3/4	5,048.41	3/4		3/4		3/4		3/4		3/4	
1	3,647.48	1	4,014.09	1	4,376.88	1	4,720.17	1	5,055.99	1		1		1		1		1	
1/4	3,655.12	1/4	4,021.72	1/4	4,384.25	1/4	4,727.07	1/4	5,063.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,662.76	1/2	4,029.36	1/2	4,391.61	1/2	4,733.98	1/2	5,070.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,670.39	3/4	4,037.00	3/4	4,398.97	3/4	4,740.88	3/4	5,077.58	3/4		3/4		3/4		3/4		3/4	
2	3,678.03	2	4,044.64	2	4,406.34	2	4,747.78	2	5,084.78	2		2		2		2		2	
1/4	3,685.67	1/4	4,052.27	1/4	4,413.66	1/4	4,754.63	1/4	5,090.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.31	1/2	4,059.91	1/2	4,420.98	1/2	4,761.47	1/2	5,096.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,700.94	3/4	4,067.55	3/4	4,428.30	3/4	4,768.32	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,708.58	3	4,075.19	3	4,435.62	3	4,775.17	3		3		3		3		3		3	
1/4	3,716.22	1/4	4,082.82	1/4	4,442.89	1/4	4,781.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,723.86	1/2	4,090.46	1/2	4,450.16	1/2	4,788.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,731.49	3/4	4,098.10	3/4	4,457.43	3/4	4,795.61	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,739.13	4	4,105.74	4	4,464.70	4	4,802.42	4		4		4		4		4		4	
1/4	3,746.77	1/4	4,113.37	1/4	4,471.93	1/4	4,809.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,754.41	1/2	4,121.01	1/2	4,479.17	1/2	4,815.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,762.05	3/4	4,128.65	3/4	4,486.40	3/4	4,822.76	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,769.68	5	4,136.29	5	4,493.63	5	4,829.55	5		5		5		5		5		5	
1/4	3,777.32	1/4	4,143.92	1/4	4,500.83	1/4	4,836.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,784.96	1/2	4,151.54	1/2	4,508.03	1/2	4,843.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,792.60	3/4	4,159.17	3/4	4,515.23	3/4	4,849.78	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,800.23	6	4,166.80	6	4,522.43	6	4,856.53	6		6		6		6		6		6	
1/4	3,807.87	1/4	4,174.41	1/4	4,529.59	1/4	4,863.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,815.51	1/2	4,182.02	1/2	4,536.76	1/2	4,869.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,823.15	3/4	4,189.63	3/4	4,543.92	3/4	4,876.66	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,830.78	7	4,197.23	7	4,551.09	7	4,883.37	7		7		7		7		7		7	
1/4	3,838.42	1/4	4,204.81	1/4	4,558.22	1/4	4,890.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,846.06	1/2	4,212.38	1/2	4,565.35	1/2	4,896.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,853.70	3/4	4,219.96	3/4	4,572.48	3/4	4,903.38	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,861.33	8	4,227.53	8	4,579.61	8	4,910.06	8		8		8		8		8		8	
1/4	3,868.97	1/4	4,235.07	1/4	4,586.71	1/4	4,916.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,876.61	1/2	4,242.61	1/2	4,593.81	1/2	4,923.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,884.25	3/4	4,250.16	3/4	4,600.91	3/4	4,929.98	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,891.88	9	4,257.70	9	4,608.01	9	4,936.62	9		9		9		9		9		9	
1/4	3,899.52	1/4	4,265.20	1/4	4,615.07	1/4	4,943.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,907.16	1/2	4,272.70	1/2	4,622.13	1/2	4,950.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,914.80	3/4	4,280.20	3/4	4,629.20	3/4	4,957.93	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,922.43	10	4,287.71	10	4,636.26	10	4,965.03	10		10		10		10		10		10	
1/4	3,930.07	1/4	4,295.17	1/4	4,643.29	1/4	4,972.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,937.71	1/2	4,302.64	1/2	4,650.32	1/2	4,980.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,945.35	3/4	4,310.10	3/4	4,657.35	3/4	4,987.77	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,952.99	11	4,317.57	11	4,664.39	11	4,995.35	11		11		11		11		11		11	
1/4	3,960.62	1/4	4,325.00	1/4	4,671.38	1/4	5,002.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,968.26	1/2	4,332.43	1/2	4,678.37	1/2	5,010.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,975.90	3/4	4,339.86	3/4	4,685.36	3/4	5,018.09	3/4		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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.69	0	359.04	0	703.54	0	1,037.73	0	1,378.20	0	1,722.72	0	2,067.24	0	2,411.76	0	2,756.28	0	3,100.65
1/4	29.07	1/4	366.21	1/4	710.72	1/4	1,044.61	1/4	1,385.38	1/4	1,729.90	1/4	2,074.42	1/4	2,418.94	1/4	2,763.46	1/4	3,107.83
1/2	34.46	1/2	373.39	1/2	717.90	1/2	1,051.49	1/2	1,392.56	1/2	1,737.08	1/2	2,081.60	1/2	2,426.12	1/2	2,770.64	1/2	3,115.00
3/4	39.84	3/4	380.57	3/4	725.07	3/4	1,058.37	3/4	1,399.74	3/4	1,744.26	3/4	2,088.78	3/4	2,433.30	3/4	2,777.82	3/4	3,122.17
1	45.22	1	387.74	1	732.25	1	1,065.25	1	1,406.91	1	1,751.43	1	2,095.95	1	2,440.47	1	2,842.99	1	3,129.35
1/4	51.93	1/4	394.92	1/4	739.43	1/4	1,072.14	1/4	1,414.09	1/4	1,758.61	1/4	2,103.13	1/4	2,447.65	1/4	2,792.17	1/4	3,136.52
1/2	58.64	1/2	402.10	1/2	746.60	1/2	1,079.03	1/2	1,421.27	1/2	1,765.79	1/2	2,110.31	1/2	2,454.83	1/2	2,799.35	1/2	3,143.69
3/4	65.35	3/4	409.28	3/4	753.78	3/4	1,085.91	3/4	1,428.45	3/4	1,772.97	3/4	2,117.49	3/4	2,462.01	3/4	2,806.53	3/4	3,150.87
2	72.06	2	416.45	2	760.96	2	1,092.80	2	1,435.62	2	1,780.14	2	2,124.66	2	2,469.18	2	2,813.70	2	3,158.04
1/4	79.22	1/4	423.63	1/4	768.14	1/4	1,099.70	1/4	1,442.80	1/4	1,787.32	1/4	2,131.84	1/4	2,476.36	1/4	2,820.88	1/4	3,165.21
1/2	86.37	1/2	430.81	1/2	775.31	1/2	1,106.59	1/2	1,449.98	1/2	1,794.50	1/2	2,139.02	1/2	2,483.54	1/2	2,828.06	1/2	3,172.39
3/4	93.53	3/4	437.98	3/4	782.49	3/4	1,113.48	3/4	1,457.16	3/4	1,801.68	3/4	2,146.20	3/4	2,490.72	3/4	2,835.24	3/4	3,179.56
3	100.68	3	445.16	3	789.67	3	1,120.38	3	1,464.33	3	1,808.85	3	2,153.37	3	2,497.89	3	2,842.41	3	3,186.73
1/4	107.85	1/4	452.34	1/4	796.69	1/4	1,127.42	1/4	1,471.51	1/4	1,816.03	1/4	2,160.55	1/4	2,505.07	1/4	2,849.59	1/4	3,193.91
1/2	115.02	1/2	459.52	1/2	803.72	1/2	1,134.45	1/2	1,478.69	1/2	1,823.21	1/2	2,167.73	1/2	2,512.25	1/2	2,856.76	1/2	3,201.08
3/4	122.20	3/4	466.69	3/4	810.74	3/4	1,141.49	3/4	1,485.87	3/4	1,830.39	3/4	2,174.91	3/4	2,519.43	3/4	2,863.93	3/4	3,208.25
4	129.37	4	473.87	4	817.77	4	1,148.52	4	1,493.04	4	1,837.56	4	2,182.08	4	2,526.60	4	2,871.10	4	3,215.43
1/4	136.54	1/4	481.05	1/4	824.64	1/4	1,155.70	1/4	1,500.22	1/4	1,844.74	1/4	2,189.26	1/4	2,533.78	1/4	2,878.28	1/4	3,222.60
1/2	143.72	1/2	488.23	1/2	831.52	1/2	1,162.88	1/2	1,507.40	1/2	1,851.92	1/2	2,196.44	1/2	2,540.96	1/2	2,885.45	1/2	3,229.77
3/4	150.90	3/4	495.40	3/4	838.39	3/4	1,170.06	3/4	1,514.58	3/4	1,859.10	3/4	2,203.62	3/4	2,548.14	3/4	2,892.62	3/4	3,236.95
5	158.07	5	502.58	5	845.26	5	1,177.23	5	1,521.75	5	1,866.27	5	2,210.79	5	2,555.31	5	2,899.80	5	3,244.12
1/4	165.25	1/4	509.76	1/4	852.14	1/4	1,184.41	1/4	1,528.93	1/4	1,873.45	1/4	2,217.97	1/4	2,562.49	1/4	2,906.97	1/4	3,251.29
1/2	172.43	1/2	516.93	1/2	859.01	1/2	1,191.59	1/2	1,536.11	1/2	1,880.63	1/2	2,225.15	1/2	2,569.67	1/2	2,914.14	1/2	3,258.47
3/4	179.61	3/4	524.11	3/4	865.88	3/4	1,198.77	3/4	1,543.29	3/4	1,887.81	3/4	2,232.33	3/4	2,576.85	3/4	2,921.32	3/4	3,265.64
6	186.78	6	531.29	6	872.76	6	1,205.94	6	1,550.46	6	1,894.98	6	2,239.50	6	2,584.02	6	2,928.49	6	3,272.81
1/4	193.96	1/4	538.47	1/4	879.63	1/4	1,213.12	1/4	1,557.64	1/4	1,902.16	1/4	2,246.68	1/4	2,591.20	1/4	2,935.66	1/4	3,279.99
1/2	201.14	1/2	545.64	1/2	886.50	1/2	1,220.30	1/2	1,564.82	1/2	1,909.34	1/2	2,253.86	1/2	2,598.38	1/2	2,942.84	1/2	3,287.16
3/4	208.31	3/4	552.82	3/4	893.38	3/4	1,227.48	3/4	1,572.00	3/4	1,916.52	3/4	2,261.04	3/4	2,605.56	3/4	2,950.01	3/4	3,294.33
7	215.49	7	560.00	7	900.25	7	1,234.65	7	1,579.17	7	1,923.69	7	2,268.21	7	2,612.73	7	2,957.18	7	3,301.51
1/4	222.67	1/4	567.17	1/4	907.12	1/4	1,241.83	1/4	1,586.35	1/4	1,930.87	1/4	2,275.39	1/4	2,619.91	1/4	2,964.36	1/4	3,308.68
1/2	229.85	1/2	574.35	1/2	914.00	1/2	1,249.01	1/2	1,593.53	1/2	1,938.05	1/2	2,282.57	1/2	2,627.09	1/2	2,971.53	1/2	3,315.85
3/4	237.02	3/4	581.53	3/4	920.87	3/4	1,256.19	3/4	1,600.71	3/4	1,945.23	3/4	2,289.75	3/4	2,634.27	3/4	2,978.70	3/4	3,323.03
8	244.20	8	588.71	8	927.74	8	1,263.36	8	1,607.88	8	1,952.40	8	2,296.92	8	2,641.44	8	2,985.88	8	3,330.20
1/4	251.38	1/4	595.88	1/4	934.62	1/4	1,270.54	1/4	1,615.06	1/4	1,959.58	1/4	2,304.10	1/4	2,648.62	1/4	2,993.05	1/4	3,337.37
1/2	258.55	1/2	603.06	1/2	941.49	1/2	1,277.72	1/2	1,622.24	1/2	1,966.76	1/2	2,311.28	1/2	2,655.80	1/2	3,000.22	1/2	3,344.55
3/4	265.73	3/4	610.24	3/4	948.36	3/4	1,284.90	3/4	1,629.42	3/4	1,973.94	3/4	2,318.46	3/4	2,662.98	3/4	3,007.40	3/4	3,351.72
9	272.91	9	617.41	9	955.24	9	1,292.07	9	1,636.59	9	1,981.11	9	2,325.63	9	2,670.15	9	3,014.57	9	3,358.89
1/4	280.09	1/4	624.59	1/4	962.11	1/4	1,299.25	1/4	1,643.77	1/4	1,988.29	1/4	2,332.81	1/4	2,677.33	1/4	3,021.74	1/4	3,366.07
1/2	287.26	1/2	631.77	1/2	968.98	1/2	1,306.43	1/2	1,650.95	1/2	1,995.47	1/2	2,339.99	1/2	2,684.51	1/2	3,028.92	1/2	3,373.24
3/4	294.44	3/4	638.95	3/4	975.86	3/4	1,313.61	3/4	1,658.13	3/4	2,002.65	3/4	2,347.17	3/4	2,691.69	3/4	3,036.09	3/4	3,380.41
10	301.62	10	646.12	10	982.73	10	1,320.78	10	1,665.30	10	2,009.82	10	2,354.34	10	2,698.86	10	3,043.26	10	3,387.59
1/4	308.80	1/4	653.30	1/4	989.60	1/4	1,327.96	1/4	1,672.48	1/4	2,017.00	1/4	2,361.52	1/4	2,706.04	1/4	3,050.44	1/4	3,394.76
1/2	315.97	1/2	660.48	1/2	996.48	1/2	1,335.14	1/2	1,679.66	1/2	2,024.18	1/2	2,368.70	1/2	2,713.22	1/2	3,057.61	1/2	3,401.93
3/4	323.15	3/4	667.66	3/4	1,003.35	3/4	1,342.32	3/4	1,686.84	3/4	2,031.36	3/4	2,375.88	3/4	2,720.40	3/4	3,064.78	3/4	3,409.11
11	330.33	11	674.83	11	1,010.22	11	1,349.49	11	1,694.01	11	2,038.53	11	2,383.05	11	2,727.57	11	3,071.96	11	3,416.28
1/4	337.50	1/4	682.01	1/4	1,017.10	1/4	1,356.67	1/4	1,701.19	1/4	2,045.71	1/4	2,390.23	1/4	2,734.75	1/4	3,079.13	1/4	3,423.45
1/2	344.68	1/2	689.19	1/2	1,023.98	1/2	1,363.85	1/2	1,708.37	1/2	2,052.89	1/2	2,397.41	1/2	2,741.93	1/2	3,086.30	1/2	3,430.63
3/4	351.86	3/4	696.36	3/4	1,030.85	3/4	1,371.03	3/4	1,715.55	3/4	2,060.07	3/4	2,404.59	3/4	2,749.11	3/4	3,093.48	3/4	3,437.80

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 INNAGE 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 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 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	3,444.97	0	3,789.30	0	4,130.96	0	4,455.00	0	4,767.90	0		0		0		0		0	
1/4	3,452.15	1/4	3,796.47	1/4	4,137.91	1/4	4,461.54	1/4	4,775.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,459.32	1/2	3,803.64	1/2	4,144.86	1/2	4,468.07	1/2	4,782.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,466.50	3/4	3,810.82	3/4	4,151.81	3/4	4,474.60	3/4	4,789.25	3/4		3/4		3/4		3/4		3/4	
1	3,473.67	1	3,817.99	1	4,158.76	1	4,481.13	1	4,796.36	1		1		1		1		1	
1/4	3,480.84	1/4	3,825.17	1/4	4,165.67	1/4	4,487.61	1/4	4,803.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,488.02	1/2	3,832.34	1/2	4,172.59	1/2	4,494.09	1/2	4,809.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,495.19	3/4	3,839.51	3/4	4,179.50	3/4	4,500.56	3/4	4,816.64	3/4		3/4		3/4		3/4		3/4	
2	3,502.36	2	3,846.69	2	4,186.42	2	4,507.04	2	4,823.39	2		2		2		2		2	
1/4	3,509.54	1/4	3,853.86	1/4	4,193.29	1/4	4,513.47	1/4	4,829.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,516.71	1/2	3,861.03	1/2	4,200.17	1/2	4,519.90	1/2	4,834.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,523.88	3/4	3,868.21	3/4	4,207.04	3/4	4,526.33	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,531.06	3	3,875.38	3	4,213.92	3	4,532.75	3		3		3		3		3		3	
1/4	3,538.23	1/4	3,882.55	1/4	4,220.74	1/4	4,539.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,545.40	1/2	3,889.73	1/2	4,227.57	1/2	4,545.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,552.58	3/4	3,896.90	3/4	4,234.40	3/4	4,551.94	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,559.75	4	3,904.07	4	4,241.23	4	4,558.34	4		4		4		4		4		4	
1/4	3,566.92	1/4	3,911.25	1/4	4,248.02	1/4	4,564.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,574.10	1/2	3,918.42	1/2	4,254.81	1/2	4,571.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,581.27	3/4	3,925.59	3/4	4,261.60	3/4	4,577.43	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,588.44	5	3,932.77	5	4,268.39	5	4,583.80	5		5		5		5		5		5	
1/4	3,595.62	1/4	3,939.93	1/4	4,275.15	1/4	4,590.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,602.79	1/2	3,947.10	1/2	4,281.92	1/2	4,596.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,609.96	3/4	3,954.27	3/4	4,288.68	3/4	4,602.79	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,617.14	6	3,961.44	6	4,295.44	6	4,609.13	6		6		6		6		6		6	
1/4	3,624.31	1/4	3,968.59	1/4	4,302.16	1/4	4,615.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,631.48	1/2	3,975.73	1/2	4,308.89	1/2	4,621.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,638.66	3/4	3,982.88	3/4	4,315.62	3/4	4,628.02	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,645.83	7	3,990.02	7	4,322.35	7	4,634.31	7		7		7		7		7		7	
1/4	3,653.00	1/4	3,997.14	1/4	4,329.05	1/4	4,640.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,660.18	1/2	4,004.25	1/2	4,335.74	1/2	4,646.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,667.35	3/4	4,011.37	3/4	4,342.44	3/4	4,653.11	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,674.52	8	4,018.48	8	4,349.14	8	4,659.37	8		8		8		8		8		8	
1/4	3,681.70	1/4	4,025.56	1/4	4,355.80	1/4	4,665.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.87	1/2	4,032.65	1/2	4,362.47	1/2	4,671.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.04	3/4	4,039.73	3/4	4,369.13	3/4	4,678.07	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,703.22	9	4,046.81	9	4,375.80	9	4,684.30	9		9		9		9		9		9	
1/4	3,710.39	1/4	4,053.86	1/4	4,382.43	1/4	4,690.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.56	1/2	4,060.91	1/2	4,389.06	1/2	4,697.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,724.74	3/4	4,067.95	3/4	4,395.70	3/4	4,704.30	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,731.91	10	4,075.00	10	4,402.33	10	4,710.97	10		10		10		10		10		10	
1/4	3,739.08	1/4	4,082.01	1/4	4,408.93	1/4	4,718.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.26	1/2	4,089.02	1/2	4,415.54	1/2	4,725.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.43	3/4	4,096.03	3/4	4,422.14	3/4	4,732.32	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,760.60	11	4,103.04	11	4,428.74	11	4,739.44	11		11		11		11		11		11	
1/4	3,767.78	1/4	4,110.02	1/4	4,435.31	1/4	4,746.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,774.95	1/2	4,117.00	1/2	4,441.87	1/2	4,753.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.12	3/4	4,123.98	3/4	4,448.44	3/4	4,760.78	3/4		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
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BARGE "CTCo 340"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.68	0	358.85	0	703.19	0	1,047.10	0	1,391.42	0	1,735.76	0	2,080.11	0	2,424.46	0	2,768.80	0	3,112.99
1/4	29.06	1/4	366.03	1/4	710.36	1/4	1,054.27	1/4	1,398.59	1/4	1,742.94	1/4	2,087.28	1/4	2,431.63	1/4	2,775.98	1/4	3,120.16
1/2	34.44	1/2	373.20	1/2	717.53	1/2	1,061.44	1/2	1,405.76	1/2	1,750.11	1/2	2,094.46	1/2	2,438.81	1/2	2,783.15	1/2	3,127.33
3/4	39.82	3/4	380.38	3/4	724.71	3/4	1,068.61	3/4	1,412.94	3/4	1,757.28	3/4	2,101.63	3/4	2,445.98	3/4	2,790.33	3/4	3,134.50
1	45.20	1	387.55	1	731.88	1	1,075.78	1	1,420.11	1	1,764.46	1	2,108.81	1	2,453.15	1	2,797.50	1	3,141.67
1/4	51.90	1/4	394.72	1/4	739.06	1/4	1,082.95	1/4	1,427.29	1/4	1,771.63	1/4	2,115.98	1/4	2,460.33	1/4	2,804.67	1/4	3,148.84
1/2	58.61	1/2	401.90	1/2	746.23	1/2	1,090.12	1/2	1,434.46	1/2	1,778.81	1/2	2,123.15	1/2	2,467.50	1/2	2,811.85	1/2	3,156.01
3/4	65.32	3/4	409.07	3/4	753.40	3/4	1,097.29	3/4	1,441.63	3/4	1,785.98	3/4	2,130.33	3/4	2,474.67	3/4	2,819.02	3/4	3,163.18
2	72.03	2	416.24	2	760.58	2	1,104.46	2	1,448.81	2	1,793.15	2	2,137.50	2	2,481.85	2	2,826.20	2	3,170.35
1/4	79.18	1/4	423.42	1/4	767.75	1/4	1,111.63	1/4	1,455.98	1/4	1,800.33	1/4	2,144.68	1/4	2,489.02	1/4	2,833.37	1/4	3,177.52
1/2	86.33	1/2	430.59	1/2	774.92	1/2	1,118.81	1/2	1,463.15	1/2	1,807.50	1/2	2,151.85	1/2	2,496.20	1/2	2,840.54	1/2	3,184.69
3/4	93.48	3/4	437.76	3/4	782.10	3/4	1,125.98	3/4	1,470.33	3/4	1,814.68	3/4	2,159.02	3/4	2,503.37	3/4	2,847.72	3/4	3,191.86
3	100.63	3	444.94	3	789.27	3	1,133.16	3	1,477.50	3	1,821.85	3	2,166.20	3	2,510.54	3	2,854.89	3	3,199.03
1/4	107.80	1/4	452.11	1/4	796.44	1/4	1,140.33	1/4	1,484.68	1/4	1,829.02	1/4	2,173.37	1/4	2,517.72	1/4	2,862.06	1/4	3,206.20
1/2	114.97	1/2	459.29	1/2	803.61	1/2	1,147.50	1/2	1,491.85	1/2	1,836.20	1/2	2,180.54	1/2	2,524.89	1/2	2,869.23	1/2	3,213.37
3/4	122.13	3/4	466.46	3/4	810.77	3/4	1,154.68	3/4	1,499.02	3/4	1,843.37	3/4	2,187.72	3/4	2,532.07	3/4	2,876.39	3/4	3,220.54
4	129.30	4	473.63	4	817.94	4	1,161.85	4	1,506.20	4	1,850.55	4	2,194.89	4	2,539.24	4	2,883.56	4	3,227.71
1/4	136.48	1/4	480.81	1/4	825.10	1/4	1,169.02	1/4	1,513.37	1/4	1,857.72	1/4	2,202.07	1/4	2,546.41	1/4	2,890.73	1/4	3,234.88
1/2	143.65	1/2	487.98	1/2	832.26	1/2	1,176.20	1/2	1,520.55	1/2	1,864.89	1/2	2,209.24	1/2	2,553.59	1/2	2,897.90	1/2	3,242.05
3/4	150.82	3/4	495.15	3/4	839.42	3/4	1,183.37	3/4	1,527.72	3/4	1,872.07	3/4	2,216.41	3/4	2,560.76	3/4	2,905.07	3/4	3,249.22
5	157.99	5	502.33	5	846.58	5	1,190.55	5	1,534.89	5	1,879.24	5	2,223.59	5	2,567.94	5	2,912.24	5	3,256.39
1/4	165.17	1/4	509.50	1/4	853.74	1/4	1,197.72	1/4	1,542.07	1/4	1,886.41	1/4	2,230.76	1/4	2,575.11	1/4	2,919.41	1/4	3,263.56
1/2	172.34	1/2	516.67	1/2	860.91	1/2	1,204.89	1/2	1,549.24	1/2	1,893.59	1/2	2,237.94	1/2	2,582.28	1/2	2,926.58	1/2	3,270.73
3/4	179.51	3/4	523.85	3/4	868.07	3/4	1,212.07	3/4	1,556.42	3/4	1,900.76	3/4	2,245.11	3/4	2,589.46	3/4	2,933.75	3/4	3,277.90
6	186.69	6	531.02	6	875.23	6	1,219.24	6	1,563.59	6	1,907.94	6	2,252.28	6	2,596.63	6	2,940.92	6	3,285.07
1/4	193.86	1/4	538.19	1/4	882.39	1/4	1,226.42	1/4	1,570.76	1/4	1,915.11	1/4	2,259.46	1/4	2,603.80	1/4	2,948.09	1/4	3,292.24
1/2	201.04	1/2	545.37	1/2	889.55	1/2	1,233.59	1/2	1,577.94	1/2	1,922.28	1/2	2,266.63	1/2	2,610.98	1/2	2,955.26	1/2	3,299.41
3/4	208.21	3/4	552.54	3/4	896.71	3/4	1,240.76	3/4	1,585.11	3/4	1,929.46	3/4	2,273.81	3/4	2,618.15	3/4	2,962.43	3/4	3,306.58
7	215.38	7	559.72	7	903.87	7	1,247.94	7	1,592.28	7	1,936.63	7	2,280.98	7	2,625.33	7	2,969.60	7	3,313.75
1/4	222.56	1/4	566.89	1/4	911.03	1/4	1,255.11	1/4	1,599.46	1/4	1,943.81	1/4	2,288.15	1/4	2,632.50	1/4	2,976.77	1/4	3,320.92
1/2	229.73	1/2	574.06	1/2	918.19	1/2	1,262.29	1/2	1,606.63	1/2	1,950.98	1/2	2,295.33	1/2	2,639.67	1/2	2,983.94	1/2	3,328.09
3/4	236.90	3/4	581.24	3/4	925.35	3/4	1,269.46	3/4	1,613.81	3/4	1,958.15	3/4	2,302.50	3/4	2,646.85	3/4	2,991.11	3/4	3,335.26
8	244.08	8	588.41	8	932.51	8	1,276.63	8	1,620.98	8	1,965.33	8	2,309.67	8	2,654.02	8	2,998.28	8	3,342.43
1/4	251.25	1/4	595.58	1/4	939.67	1/4	1,283.81	1/4	1,628.15	1/4	1,972.50	1/4	2,316.85	1/4	2,661.20	1/4	3,005.45	1/4	3,349.60
1/2	258.42	1/2	602.76	1/2	946.84	1/2	1,290.98	1/2	1,635.33	1/2	1,979.68	1/2	2,324.02	1/2	2,668.37	1/2	3,012.62	1/2	3,356.77
3/4	265.60	3/4	609.93	3/4	954.00	3/4	1,298.16	3/4	1,642.50	3/4	1,986.85	3/4	2,331.20	3/4	2,675.54	3/4	3,019.79	3/4	3,363.94
9	272.77	9	617.10	9	961.16	9	1,305.33	9	1,649.68	9	1,994.02	9	2,338.37	9	2,682.72	9	3,026.96	9	3,371.11
1/4	279.95	1/4	624.28	1/4	968.32	1/4	1,312.50	1/4	1,656.85	1/4	2,001.20	1/4	2,345.54	1/4	2,689.89	1/4	3,034.13	1/4	3,378.28
1/2	287.12	1/2	631.45	1/2	975.48	1/2	1,319.68	1/2	1,664.02	1/2	2,008.37	1/2	2,352.72	1/2	2,697.07	1/2	3,041.30	1/2	3,385.45
3/4	294.29	3/4	638.63	3/4	982.64	3/4	1,326.85	3/4	1,671.20	3/4	2,015.55	3/4	2,359.89	3/4	2,704.24	3/4	3,048.47	3/4	3,392.62
10	301.47	10	645.80	10	989.80	10	1,334.02	10	1,678.37	10	2,022.72	10	2,367.07	10	2,711.41	10	3,055.64	10	3,399.79
1/4	308.64	1/4	652.97	1/4	996.96	1/4	1,341.20	1/4	1,685.55	1/4	2,029.89	1/4	2,374.24	1/4	2,718.59	1/4	3,062.81	1/4	3,406.96
1/2	315.81	1/2	660.15	1/2	1,004.12	1/2	1,348.37	1/2	1,692.72	1/2	2,037.07	1/2	2,381.41	1/2	2,725.76	1/2	3,069.97	1/2	3,414.13
3/4	322.99	3/4	667.32	3/4	1,011.28	3/4	1,355.55	3/4	1,699.89	3/4	2,044.24	3/4	2,388.59	3/4	2,732.93	3/4	3,077.14	3/4	3,421.30
11	330.16	11	674.49	11	1,018.44	11	1,362.72	11	1,707.07	11	2,051.41	11	2,395.76	11	2,740.11	11	3,084.31	11	3,428.46
1/4	337.33	1/4	681.67	1/4	1,025.61	1/4	1,369.89	1/4	1,714.24	1/4	2,058.59	1/4	2,402.94	1/4	2,747.28	1/4	3,091.48	1/4	3,435.63
1/2	344.51	1/2	688.84	1/2	1,032.77	1/2	1,377.07	1/2	1,721.42	1/2	2,065.76	1/2	2,410.11	1/2	2,754.46	1/2	3,098.65	1/2	3,442.80
3/4	351.68	3/4	696.01	3/4	1,039.94	3/4	1,384.24	3/4	1,728.59	3/4	2,072.94	3/4	2,417.28	3/4	2,761.63	3/4	3,105.82	3/4	3,449.97

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 INNAGE 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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 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	3,457.14	0	3,801.29	0	4,142.78	0	4,466.66	0	4,779.40	0		0		0		0		0	
1/4	3,464.31	1/4	3,808.46	1/4	4,149.73	1/4	4,473.19	1/4	4,786.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,471.48	1/2	3,815.63	1/2	4,156.67	1/2	4,479.72	1/2	4,793.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,478.65	3/4	3,822.80	3/4	4,163.62	3/4	4,486.24	3/4	4,800.74	3/4		3/4		3/4		3/4		3/4	
1	3,485.82	1	3,829.97	1	4,170.56	1	4,492.77	1	4,807.85	1		1		1		1		1	
1/4	3,492.99	1/4	3,837.14	1/4	4,177.47	1/4	4,499.25	1/4	4,814.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,500.16	1/2	3,844.31	1/2	4,184.39	1/2	4,505.72	1/2	4,821.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,507.33	3/4	3,851.48	3/4	4,191.30	3/4	4,512.20	3/4	4,828.11	3/4		3/4		3/4		3/4		3/4	
2	3,514.50	2	3,858.65	2	4,198.21	2	4,518.67	2	4,834.87	2		2		2		2		2	
1/4	3,521.67	1/4	3,865.82	1/4	4,205.08	1/4	4,525.10	1/4	4,840.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,528.84	1/2	3,872.99	1/2	4,211.95	1/2	4,531.52	1/2	4,846.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,536.01	3/4	3,880.16	3/4	4,218.82	3/4	4,537.95	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,543.18	3	3,887.33	3	4,225.70	3	4,544.37	3		3		3		3		3		3	
1/4	3,550.35	1/4	3,894.50	1/4	4,232.52	1/4	4,550.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.52	1/2	3,901.67	1/2	4,239.34	1/2	4,557.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,564.69	3/4	3,908.84	3/4	4,246.17	3/4	4,563.55	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,571.86	4	3,916.01	4	4,252.99	4	4,569.94	4		4		4		4		4		4	
1/4	3,579.03	1/4	3,923.18	1/4	4,259.78	1/4	4,576.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,586.20	1/2	3,930.35	1/2	4,266.57	1/2	4,582.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,593.37	3/4	3,937.52	3/4	4,273.36	3/4	4,589.03	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,600.54	5	3,944.69	5	4,280.15	5	4,595.39	5		5		5		5		5		5	
1/4	3,607.71	1/4	3,951.85	1/4	4,286.90	1/4	4,601.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,614.88	1/2	3,959.02	1/2	4,293.66	1/2	4,608.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,622.05	3/4	3,966.18	3/4	4,300.42	3/4	4,614.38	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,629.22	6	3,973.35	6	4,307.17	6	4,620.71	6		6		6		6		6		6	
1/4	3,636.39	1/4	3,980.49	1/4	4,313.90	1/4	4,627.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,643.56	1/2	3,987.63	1/2	4,320.62	1/2	4,633.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,650.73	3/4	3,994.77	3/4	4,327.35	3/4	4,639.59	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,657.90	7	4,001.92	7	4,334.07	7	4,645.88	7		7		7		7		7		7	
1/4	3,665.07	1/4	4,009.03	1/4	4,340.77	1/4	4,652.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,672.24	1/2	4,016.14	1/2	4,347.46	1/2	4,658.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,679.41	3/4	4,023.25	3/4	4,354.15	3/4	4,664.66	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,686.58	8	4,030.36	8	4,360.85	8	4,670.92	8		8		8		8		8		8	
1/4	3,693.75	1/4	4,037.44	1/4	4,367.51	1/4	4,677.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.92	1/2	4,044.52	1/2	4,374.17	1/2	4,683.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.09	3/4	4,051.60	3/4	4,380.83	3/4	4,689.61	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,715.26	9	4,058.67	9	4,387.49	9	4,695.84	9		9		9		9		9		9	
1/4	3,722.43	1/4	4,065.72	1/4	4,394.12	1/4	4,702.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.60	1/2	4,072.76	1/2	4,400.75	1/2	4,709.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.77	3/4	4,079.81	3/4	4,407.39	3/4	4,715.84	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,743.94	10	4,086.85	10	4,414.02	10	4,722.50	10		10		10		10		10		10	
1/4	3,751.11	1/4	4,093.86	1/4	4,420.61	1/4	4,729.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.28	1/2	4,100.86	1/2	4,427.21	1/2	4,736.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.45	3/4	4,107.87	3/4	4,433.81	3/4	4,743.84	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,772.62	11	4,114.88	11	4,440.41	11	4,750.95	11		11		11		11		11		11	
1/4	3,779.79	1/4	4,121.86	1/4	4,446.97	1/4	4,758.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.95	1/2	4,128.83	1/2	4,453.54	1/2	4,765.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,794.12	3/4	4,135.81	3/4	4,460.10	3/4	4,772.29	3/4		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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	25.11	0	380.35	0	745.17	0	1,102.05	0	1,463.66	0	1,828.29	0	2,190.78	0	2,553.29	0	2,917.67	0	3,281.86
1/4	30.82	1/4	387.95	1/4	752.77	1/4	1,109.42	1/4	1,471.25	1/4	1,835.89	1/4	2,198.31	1/4	2,560.89	1/4	2,925.26	1/4	3,289.44
1/2	36.52	1/2	395.55	1/2	760.37	1/2	1,116.79	1/2	1,478.85	1/2	1,843.48	1/2	2,205.84	1/2	2,568.49	1/2	2,932.85	1/2	3,297.03
3/4	42.23	3/4	403.15	3/4	767.97	3/4	1,124.17	3/4	1,486.45	3/4	1,851.08	3/4	2,213.38	3/4	2,576.08	3/4	2,940.44	3/4	3,304.62
1	47.94	1	410.75	1	775.57	1	1,131.54	1	1,494.04	1	1,868.68	1	2,220.91	1	2,583.68	1	2,948.03	1	3,312.20
1/4	55.06	1/4	418.35	1/4	783.17	1/4	1,138.92	1/4	1,501.64	1/4	1,866.27	1/4	2,228.44	1/4	2,591.27	1/4	2,955.62	1/4	3,319.78
1/2	62.18	1/2	425.95	1/2	790.77	1/2	1,146.30	1/2	1,509.24	1/2	1,873.87	1/2	2,235.98	1/2	2,598.87	1/2	2,963.21	1/2	3,327.36
3/4	69.29	3/4	433.55	3/4	798.37	3/4	1,153.68	3/4	1,516.83	3/4	1,881.46	3/4	2,243.51	3/4	2,606.47	3/4	2,970.80	3/4	3,334.93
2	76.41	2	441.15	2	805.97	2	1,161.06	2	1,524.43	2	1,889.06	2	2,251.05	2	2,614.06	2	2,978.38	2	3,342.51
1/4	84.00	1/4	448.75	1/4	813.57	1/4	1,168.45	1/4	1,532.03	1/4	1,896.66	1/4	2,258.58	1/4	2,621.66	1/4	2,985.97	1/4	3,350.07
1/2	91.58	1/2	456.35	1/2	821.17	1/2	1,175.83	1/2	1,539.62	1/2	1,904.25	1/2	2,266.11	1/2	2,629.26	1/2	2,993.56	1/2	3,357.64
3/4	99.17	3/4	463.95	3/4	828.77	3/4	1,183.22	3/4	1,547.22	3/4	1,911.85	3/4	2,273.65	3/4	2,636.85	3/4	3,001.15	3/4	3,365.21
3	106.75	3	471.55	3	836.37	3	1,190.60	3	1,554.82	3	1,919.45	3	2,281.18	3	2,644.45	3	3,008.74	3	3,372.77
1/4	114.35	1/4	479.15	1/4	843.86	1/4	1,198.10	1/4	1,562.41	1/4	1,927.01	1/4	2,288.72	1/4	2,652.04	1/4	3,016.33	1/4	3,380.34
1/2	121.95	1/2	486.74	1/2	851.34	1/2	1,205.59	1/2	1,570.01	1/2	1,934.58	1/2	2,296.27	1/2	2,659.63	1/2	3,023.92	1/2	3,387.90
3/4	129.55	3/4	494.34	3/4	858.82	3/4	1,213.08	3/4	1,577.60	3/4	1,942.14	3/4	2,303.82	3/4	2,667.23	3/4	3,031.50	3/4	3,395.47
4	137.15	4	501.94	4	866.31	4	1,220.57	4	1,585.20	4	1,949.71	4	2,311.36	4	2,674.82	4	3,039.09	4	3,403.03
1/4	144.75	1/4	509.54	1/4	873.67	1/4	1,228.17	1/4	1,592.80	1/4	1,957.24	1/4	2,318.92	1/4	2,682.41	1/4	3,046.68	1/4	3,410.60
1/2	152.35	1/2	517.15	1/2	881.04	1/2	1,235.76	1/2	1,600.39	1/2	1,964.77	1/2	2,326.48	1/2	2,690.00	1/2	3,054.27	1/2	3,418.17
3/4	159.95	3/4	524.75	3/4	888.41	3/4	1,243.36	3/4	1,607.99	3/4	1,972.31	3/4	2,334.04	3/4	2,697.59	3/4	3,061.85	3/4	3,425.73
5	167.56	5	532.35	5	895.77	5	1,250.96	5	1,615.59	5	1,979.84	5	2,341.59	5	2,705.18	5	3,069.44	5	3,433.30
1/4	175.16	1/4	539.95	1/4	903.14	1/4	1,258.55	1/4	1,623.18	1/4	1,987.37	1/4	2,349.15	1/4	2,712.77	1/4	3,077.02	1/4	3,440.86
1/2	182.76	1/2	547.55	1/2	910.50	1/2	1,266.15	1/2	1,630.78	1/2	1,994.91	1/2	2,356.71	1/2	2,720.35	1/2	3,084.61	1/2	3,448.43
3/4	190.36	3/4	555.15	3/4	917.87	3/4	1,273.74	3/4	1,638.38	3/4	2,002.44	3/4	2,364.27	3/4	2,727.94	3/4	3,092.20	3/4	3,455.99
6	197.96	6	562.75	6	925.24	6	1,281.34	6	1,645.97	6	2,009.97	6	2,371.83	6	2,735.53	6	3,099.78	6	3,463.56
1/4	205.56	1/4	570.35	1/4	932.60	1/4	1,288.94	1/4	1,653.57	1/4	2,017.51	1/4	2,379.38	1/4	2,743.12	1/4	3,107.37	1/4	3,471.13
1/2	213.16	1/2	577.95	1/2	939.97	1/2	1,296.53	1/2	1,661.17	1/2	2,025.04	1/2	2,386.94	1/2	2,750.71	1/2	3,114.96	1/2	3,478.69
3/4	220.76	3/4	585.55	3/4	947.34	3/4	1,304.13	3/4	1,668.76	3/4	2,032.57	3/4	2,394.50	3/4	2,758.30	3/4	3,122.54	3/4	3,486.26
7	228.36	7	593.15	7	954.70	7	1,311.73	7	1,676.36	7	2,040.11	7	2,402.06	7	2,765.89	7	3,130.13	7	3,493.82
1/4	235.96	1/4	600.75	1/4	962.07	1/4	1,319.32	1/4	1,683.96	1/4	2,047.64	1/4	2,409.61	1/4	2,773.48	1/4	3,137.72	1/4	3,501.39
1/2	243.56	1/2	608.35	1/2	969.44	1/2	1,326.92	1/2	1,691.55	1/2	2,055.17	1/2	2,417.17	1/2	2,781.07	1/2	3,145.30	1/2	3,508.95
3/4	251.16	3/4	615.95	3/4	976.80	3/4	1,334.52	3/4	1,699.15	3/4	2,062.71	3/4	2,424.73	3/4	2,788.66	3/4	3,152.89	3/4	3,516.52
8	258.76	8	623.55	8	984.17	8	1,342.11	8	1,706.75	8	2,070.24	8	2,432.29	8	2,796.25	8	3,160.47	8	3,524.09
1/4	266.36	1/4	631.16	1/4	991.53	1/4	1,349.71	1/4	1,714.34	1/4	2,077.77	1/4	2,439.85	1/4	2,803.83	1/4	3,168.06	1/4	3,531.65
1/2	273.96	1/2	638.76	1/2	998.90	1/2	1,357.31	1/2	1,721.94	1/2	2,085.31	1/2	2,447.40	1/2	2,811.42	1/2	3,175.65	1/2	3,539.22
3/4	281.56	3/4	646.36	3/4	1,006.27	3/4	1,364.90	3/4	1,729.53	3/4	2,092.84	3/4	2,454.96	3/4	2,819.01	3/4	3,183.23	3/4	3,546.78
9	289.16	9	653.96	9	1,013.63	9	1,372.50	9	1,737.13	9	2,100.38	9	2,462.52	9	2,826.60	9	3,190.82	9	3,554.35
1/4	296.76	1/4	661.56	1/4	1,021.00	1/4	1,380.10	1/4	1,744.73	1/4	2,107.91	1/4	2,470.08	1/4	2,834.19	1/4	3,198.41	1/4	3,561.92
1/2	304.36	1/2	669.16	1/2	1,028.37	1/2	1,387.69	1/2	1,752.32	1/2	2,115.44	1/2	2,477.64	1/2	2,841.78	1/2	3,205.99	1/2	3,569.49
3/4	311.96	3/4	676.76	3/4	1,035.73	3/4	1,395.29	3/4	1,759.92	3/4	2,122.98	3/4	2,485.19	3/4	2,849.37	3/4	3,213.58	3/4	3,577.06
10	319.56	10	684.36	10	1,043.10	10	1,402.89	10	1,767.52	10	2,130.51	10	2,492.75	10	2,856.96	10	3,221.17	10	3,584.63
1/4	327.16	1/4	691.96	1/4	1,050.46	1/4	1,410.48	1/4	1,775.11	1/4	2,138.04	1/4	2,500.31	1/4	2,864.55	1/4	3,228.75	1/4	3,592.21
1/2	334.76	1/2	699.56	1/2	1,057.83	1/2	1,418.08	1/2	1,782.71	1/2	2,145.58	1/2	2,507.87	1/2	2,872.14	1/2	3,236.34	1/2	3,599.79
3/4	342.36	3/4	707.16	3/4	1,065.20	3/4	1,425.67	3/4	1,790.31	3/4	2,153.11	3/4	2,515.43	3/4	2,879.73	3/4	3,243.93	3/4	3,607.36
11	349.96	11	714.76	11	1,072.56	11	1,433.27	11	1,797.90	11	2,160.64	11	2,522.98	11	2,887.32	11	3,251.51	11	3,614.94
1/4	357.55	1/4	722.36	1/4	1,079.93	1/4	1,440.87	1/4	1,805.50	1/4	2,168.18	1/4	2,530.56	1/4	2,894.90	1/4	3,259.10	1/4	3,621.95
1/2	365.15	1/2	729.96	1/2	1,087.31	1/2	1,448.46	1/2	1,813.10	1/2	2,175.71	1/2	2,538.14	1/2	2,902.49	1/2	3,266.68	1/2	3,628.95
3/4	372.75	3/4	737.57	3/4	1,094.68	3/4	1,456.06	3/4	1,820.69	3/4	2,183.24	3/4	2,545.72	3/4	2,910.08	3/4	3,274.27	3/4	3,635.96

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" 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"

3 PORT INNAGE 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	3,642.96	0	3,897.60	0	4,147.93	0	4,385.41	0	4,614.80	0		0		0		0		0	
1/4	3,648.80	1/4	3,902.86	1/4	4,153.02	1/4	4,390.20	1/4	4,620.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,654.65	1/2	3,908.11	1/2	4,158.11	1/2	4,394.98	1/2	4,625.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,660.49	3/4	3,913.37	3/4	4,163.20	3/4	4,399.77	3/4	4,630.45	3/4		3/4		3/4		3/4		3/4	
1	3,666.34	1	3,918.62	1	4,168.29	1	4,404.55	1	4,635.67	1		1		1		1		1	
1/4	3,671.59	1/4	3,923.88	1/4	4,173.36	1/4	4,409.30	1/4	4,640.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,676.85	1/2	3,929.14	1/2	4,178.43	1/2	4,414.05	1/2	4,645.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,682.10	3/4	3,934.39	3/4	4,183.50	3/4	4,418.80	3/4	4,650.17	3/4		3/4		3/4		3/4		3/4	
2	3,687.36	2	3,939.65	2	4,188.56	2	4,423.55	2	4,655.01	2		2		2		2		2	
1/4	3,692.62	1/4	3,944.90	1/4	4,193.60	1/4	4,428.27	1/4	4,658.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,697.87	1/2	3,950.16	1/2	4,198.64	1/2	4,432.98	1/2	4,662.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,703.13	3/4	3,955.42	3/4	4,203.68	3/4	4,437.69	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,708.38	3	3,960.67	3	4,208.71	3	4,442.40	3		3		3		3		3		3	
1/4	3,713.64	1/4	3,965.93	1/4	4,213.72	1/4	4,447.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.90	1/2	3,971.18	1/2	4,218.72	1/2	4,451.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,724.15	3/4	3,976.44	3/4	4,223.72	3/4	4,456.47	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,729.41	4	3,981.70	4	4,228.73	4	4,461.16	4		4		4		4		4		4	
1/4	3,734.66	1/4	3,986.95	1/4	4,233.71	1/4	4,465.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.92	1/2	3,992.21	1/2	4,238.68	1/2	4,470.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.18	3/4	3,997.46	3/4	4,243.66	3/4	4,475.16	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,750.43	5	4,002.72	5	4,248.64	5	4,479.83	5		5		5		5		5		5	
1/4	3,755.69	1/4	4,007.97	1/4	4,253.59	1/4	4,484.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.94	1/2	4,013.22	1/2	4,258.55	1/2	4,489.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.20	3/4	4,018.47	3/4	4,263.50	3/4	4,493.76	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,771.46	6	4,023.72	6	4,268.46	6	4,498.40	6		6		6		6		6		6	
1/4	3,776.71	1/4	4,028.96	1/4	4,273.39	1/4	4,503.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,781.97	1/2	4,034.19	1/2	4,278.32	1/2	4,507.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,787.22	3/4	4,039.43	3/4	4,283.25	3/4	4,512.25	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,792.48	7	4,044.66	7	4,288.18	7	4,516.87	7		7		7		7		7		7	
1/4	3,797.74	1/4	4,049.88	1/4	4,293.09	1/4	4,521.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,802.99	1/2	4,055.09	1/2	4,298.00	1/2	4,526.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,808.25	3/4	4,060.30	3/4	4,302.91	3/4	4,530.64	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,813.50	8	4,065.51	8	4,307.82	8	4,535.24	8		8		8		8		8		8	
1/4	3,818.76	1/4	4,070.70	1/4	4,312.70	1/4	4,539.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,824.02	1/2	4,075.89	1/2	4,317.59	1/2	4,544.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,829.27	3/4	4,081.08	3/4	4,322.47	3/4	4,548.95	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,834.53	9	4,086.27	9	4,327.36	9	4,553.52	9		9		9		9		9		9	
1/4	3,839.78	1/4	4,091.44	1/4	4,332.22	1/4	4,558.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,845.04	1/2	4,096.60	1/2	4,337.08	1/2	4,563.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.30	3/4	4,101.76	3/4	4,341.94	3/4	4,568.18	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,855.55	10	4,106.93	10	4,346.80	10	4,573.07	10		10		10		10		10		10	
1/4	3,860.81	1/4	4,112.06	1/4	4,351.64	1/4	4,578.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.06	1/2	4,117.20	1/2	4,356.48	1/2	4,583.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,871.32	3/4	4,122.34	3/4	4,361.32	3/4	4,588.72	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,876.58	11	4,127.47	11	4,366.16	11	4,593.94	11		11		11		11		11		11	
1/4	3,881.83	1/4	4,132.59	1/4	4,370.97	1/4	4,599.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,887.09	1/2	4,137.70	1/2	4,375.78	1/2	4,604.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,892.34	3/4	4,142.82	3/4	4,380.60	3/4	4,609.59	3/4		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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	25.11	0	380.79	0	746.18	0	1,111.08	0	1,476.45	0	1,841.86	0	2,207.26	0	2,572.67	0	2,937.83	0	3,302.80
1/4	30.82	1/4	388.40	1/4	753.79	1/4	1,118.69	1/4	1,484.06	1/4	1,849.47	1/4	2,214.88	1/4	2,580.29	1/4	2,945.44	1/4	3,310.40
1/2	36.52	1/2	396.01	1/2	761.41	1/2	1,126.29	1/2	1,491.67	1/2	1,857.08	1/2	2,222.49	1/2	2,587.90	1/2	2,953.04	1/2	3,318.00
3/4	42.23	3/4	403.62	3/4	769.02	3/4	1,133.90	3/4	1,499.28	3/4	1,864.69	3/4	2,230.10	3/4	2,595.51	3/4	2,960.65	3/4	3,325.61
1	47.94	1	411.23	1	776.63	1	1,141.50	1	1,506.90	1	1,872.31	1	2,237.72	1	2,603.13	1	2,968.25	1	3,333.21
1/4	55.06	1/4	418.85	1/4	784.24	1/4	1,149.11	1/4	1,514.51	1/4	1,879.92	1/4	2,245.33	1/4	2,610.74	1/4	2,975.86	1/4	3,340.80
1/2	62.18	1/2	426.46	1/2	791.85	1/2	1,156.72	1/2	1,522.12	1/2	1,887.53	1/2	2,252.94	1/2	2,618.35	1/2	2,983.46	1/2	3,348.39
3/4	69.29	3/4	434.07	3/4	799.47	3/4	1,164.33	3/4	1,529.73	3/4	1,895.14	3/4	2,260.55	3/4	2,625.96	3/4	2,991.07	3/4	3,355.99
2	76.41	2	441.68	2	807.08	2	1,171.94	2	1,537.35	2	1,902.76	2	2,268.17	2	2,633.58	2	2,998.67	2	3,363.58
1/4	84.00	1/4	449.30	1/4	814.69	1/4	1,179.55	1/4	1,544.96	1/4	1,910.37	1/4	2,275.78	1/4	2,641.19	1/4	3,006.28	1/4	3,371.16
1/2	91.59	1/2	456.91	1/2	822.30	1/2	1,187.16	1/2	1,552.57	1/2	1,917.98	1/2	2,283.39	1/2	2,648.80	1/2	3,013.88	1/2	3,378.74
3/4	99.18	3/4	464.52	3/4	829.92	3/4	1,194.78	3/4	1,560.19	3/4	1,925.59	3/4	2,291.00	3/4	2,656.41	3/4	3,021.49	3/4	3,386.33
3	106.77	3	472.13	3	837.53	3	1,202.39	3	1,567.80	3	1,933.21	3	2,298.62	3	2,664.03	3	3,029.10	3	3,393.91
1/4	114.37	1/4	479.75	1/4	845.14	1/4	1,210.00	1/4	1,575.41	1/4	1,940.82	1/4	2,306.23	1/4	2,671.63	1/4	3,036.70	1/4	3,401.49
1/2	121.98	1/2	487.36	1/2	852.74	1/2	1,217.61	1/2	1,583.02	1/2	1,948.43	1/2	2,313.84	1/2	2,679.24	1/2	3,044.30	1/2	3,409.07
3/4	129.58	3/4	494.97	3/4	860.35	3/4	1,225.23	3/4	1,590.64	3/4	1,956.05	3/4	2,321.46	3/4	2,686.85	3/4	3,051.91	3/4	3,416.65
4	137.19	4	502.58	4	867.95	4	1,232.84	4	1,598.25	4	1,963.66	4	2,329.07	4	2,694.46	4	3,059.51	4	3,424.24
1/4	144.80	1/4	510.20	1/4	875.55	1/4	1,240.45	1/4	1,605.86	1/4	1,971.27	1/4	2,336.68	1/4	2,702.06	1/4	3,067.12	1/4	3,431.82
1/2	152.41	1/2	517.81	1/2	883.15	1/2	1,248.06	1/2	1,613.47	1/2	1,978.88	1/2	2,344.29	1/2	2,709.67	1/2	3,074.72	1/2	3,439.40
3/4	160.03	3/4	525.42	3/4	890.75	3/4	1,255.68	3/4	1,621.09	3/4	1,986.50	3/4	2,351.91	3/4	2,717.27	3/4	3,082.32	3/4	3,446.98
5	167.64	5	533.03	5	898.34	5	1,263.29	5	1,628.70	5	1,994.11	5	2,359.52	5	2,724.88	5	3,089.92	5	3,454.56
1/4	175.25	1/4	540.65	1/4	905.94	1/4	1,270.90	1/4	1,636.31	1/4	2,001.72	1/4	2,367.13	1/4	2,732.48	1/4	3,097.53	1/4	3,462.15
1/2	182.86	1/2	548.26	1/2	913.54	1/2	1,278.52	1/2	1,643.92	1/2	2,009.33	1/2	2,374.74	1/2	2,740.09	1/2	3,105.13	1/2	3,469.73
3/4	190.48	3/4	555.87	3/4	921.13	3/4	1,286.13	3/4	1,651.54	3/4	2,016.95	3/4	2,382.36	3/4	2,747.70	3/4	3,112.73	3/4	3,477.31
6	198.09	6	563.48	6	928.73	6	1,293.74	6	1,659.15	6	2,024.56	6	2,389.97	6	2,755.30	6	3,120.33	6	3,484.89
1/4	205.70	1/4	571.10	1/4	936.33	1/4	1,301.35	1/4	1,666.76	1/4	2,032.17	1/4	2,397.58	1/4	2,762.91	1/4	3,127.94	1/4	3,492.47
1/2	213.31	1/2	578.71	1/2	943.93	1/2	1,308.97	1/2	1,674.38	1/2	2,039.79	1/2	2,405.19	1/2	2,770.51	1/2	3,135.54	1/2	3,500.06
3/4	220.92	3/4	586.32	3/4	951.52	3/4	1,316.58	3/4	1,681.99	3/4	2,047.40	3/4	2,412.81	3/4	2,778.12	3/4	3,143.14	3/4	3,507.64
7	228.54	7	593.93	7	959.12	7	1,324.19	7	1,689.60	7	2,055.01	7	2,420.42	7	2,785.72	7	3,150.74	7	3,515.22
1/4	236.15	1/4	601.54	1/4	966.72	1/4	1,331.80	1/4	1,697.21	1/4	2,062.62	1/4	2,428.03	1/4	2,793.33	1/4	3,158.35	1/4	3,522.80
1/2	243.76	1/2	609.16	1/2	974.32	1/2	1,339.42	1/2	1,704.83	1/2	2,070.24	1/2	2,435.65	1/2	2,800.93	1/2	3,165.95	1/2	3,530.38
3/4	251.37	3/4	616.77	3/4	981.91	3/4	1,347.03	3/4	1,712.44	3/4	2,077.85	3/4	2,443.26	3/4	2,808.54	3/4	3,173.55	3/4	3,537.97
8	258.99	8	624.38	8	989.51	8	1,354.64	8	1,720.05	8	2,085.46	8	2,450.87	8	2,816.14	8	3,181.16	8	3,545.55
1/4	266.60	1/4	631.99	1/4	997.11	1/4	1,362.26	1/4	1,727.66	1/4	2,093.07	1/4	2,458.48	1/4	2,823.75	1/4	3,188.76	1/4	3,553.13
1/2	274.21	1/2	639.61	1/2	1,004.71	1/2	1,369.87	1/2	1,735.28	1/2	2,100.69	1/2	2,466.10	1/2	2,831.36	1/2	3,196.36	1/2	3,560.71
3/4	281.82	3/4	647.22	3/4	1,012.30	3/4	1,377.48	3/4	1,742.89	3/4	2,108.30	3/4	2,473.71	3/4	2,838.96	3/4	3,203.96	3/4	3,568.29
9	289.44	9	654.83	9	1,019.90	9	1,385.09	9	1,750.50	9	2,115.91	9	2,481.32	9	2,846.57	9	3,211.57	9	3,575.88
1/4	297.05	1/4	662.44	1/4	1,027.50	1/4	1,392.71	1/4	1,758.12	1/4	2,123.52	1/4	2,488.93	1/4	2,854.17	1/4	3,219.17	1/4	3,583.46
1/2	304.66	1/2	670.06	1/2	1,035.10	1/2	1,400.32	1/2	1,765.73	1/2	2,131.14	1/2	2,496.55	1/2	2,861.78	1/2	3,226.77	1/2	3,591.04
3/4	312.27	3/4	677.67	3/4	1,042.69	3/4	1,407.93	3/4	1,773.34	3/4	2,138.75	3/4	2,504.16	3/4	2,869.38	3/4	3,234.37	3/4	3,598.62
10	319.89	10	685.28	10	1,050.29	10	1,415.54	10	1,780.95	10	2,146.36	10	2,511.77	10	2,876.99	10	3,241.98	10	3,606.20
1/4	327.50	1/4	692.89	1/4	1,057.89	1/4	1,423.16	1/4	1,788.57	1/4	2,153.98	1/4	2,519.39	1/4	2,884.59	1/4	3,249.58	1/4	3,613.79
1/2	335.11	1/2	700.51	1/2	1,065.49	1/2	1,430.77	1/2	1,796.18	1/2	2,161.59	1/2	2,527.00	1/2	2,892.20	1/2	3,257.18	1/2	3,621.37
3/4	342.72	3/4	708.12	3/4	1,073.08	3/4	1,438.38	3/4	1,803.79	3/4	2,169.20	3/4	2,534.61	3/4	2,899.80	3/4	3,264.79	3/4	3,628.95
11	350.34	11	715.73	11	1,080.68	11	1,445.99	11	1,811.40	11	2,176.81	11	2,542.22	11	2,907.41	11	3,272.39	11	3,636.53
1/4	357.95	1/4	723.34	1/4	1,088.28	1/4	1,453.61	1/4	1,819.02	1/4	2,184.43	1/4	2,549.84	1/4	2,915.01	1/4	3,279.99	1/4	3,643.54
1/2	365.56	1/2	730.96	1/2	1,095.88	1/2	1,461.22	1/2	1,826.63	1/2	2,192.04	1/2	2,557.45	1/2	2,922.62	1/2	3,287.59	1/2	3,650.54
3/4	373.17	3/4	738.57	3/4	1,103.48	3/4	1,468.83	3/4	1,834.24	3/4	2,199.65	3/4	2,565.06	3/4	2,930.23	3/4	3,295.20	3/4	3,657.55

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" 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"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 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	3,664.56	0	3,919.18	0	4,169.50	0	4,406.96	0	4,636.34	0		0		0		0		0	
1/4	3,670.40	1/4	3,924.43	1/4	4,174.59	1/4	4,411.75	1/4	4,641.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,676.24	1/2	3,929.69	1/2	4,179.68	1/2	4,416.54	1/2	4,646.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,682.09	3/4	3,934.95	3/4	4,184.77	3/4	4,421.32	3/4	4,651.99	3/4		3/4		3/4		3/4		3/4	
1	3,687.93	1	3,940.20	1	4,189.86	1	4,426.11	1	4,657.21	1		1		1		1		1	
1/4	3,693.19	1/4	3,945.46	1/4	4,194.93	1/4	4,430.86	1/4	4,662.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,698.44	1/2	3,950.71	1/2	4,200.00	1/2	4,435.61	1/2	4,666.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,703.70	3/4	3,955.97	3/4	4,205.06	3/4	4,440.36	3/4	4,671.72	3/4		3/4		3/4		3/4		3/4	
2	3,708.95	2	3,961.22	2	4,210.13	2	4,445.10	2	4,676.55	2		2		2		2		2	
1/4	3,714.21	1/4	3,966.48	1/4	4,215.17	1/4	4,449.82	1/4	4,680.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,719.47	1/2	3,971.73	1/2	4,220.21	1/2	4,454.53	1/2	4,683.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,724.72	3/4	3,976.99	3/4	4,225.24	3/4	4,459.24	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,729.98	3	3,982.25	3	4,230.28	3	4,463.95	3		3		3		3		3		3	
1/4	3,735.23	1/4	3,987.50	1/4	4,235.28	1/4	4,468.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.49	1/2	3,992.76	1/2	4,240.29	1/2	4,473.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.74	3/4	3,998.01	3/4	4,245.29	3/4	4,478.02	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,751.00	4	4,003.27	4	4,250.29	4	4,482.71	4		4		4		4		4		4	
1/4	3,756.25	1/4	4,008.52	1/4	4,255.27	1/4	4,487.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,761.51	1/2	4,013.78	1/2	4,260.25	1/2	4,492.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.77	3/4	4,019.03	3/4	4,265.23	3/4	4,496.71	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,772.02	5	4,024.29	5	4,270.20	5	4,501.37	5		5		5		5		5		5	
1/4	3,777.28	1/4	4,029.54	1/4	4,275.16	1/4	4,506.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.53	1/2	4,034.79	1/2	4,280.11	1/2	4,510.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,787.79	3/4	4,040.05	3/4	4,285.07	3/4	4,515.30	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,793.04	6	4,045.30	6	4,290.02	6	4,519.95	6		6		6		6		6		6	
1/4	3,798.30	1/4	4,050.53	1/4	4,294.95	1/4	4,524.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.56	1/2	4,055.77	1/2	4,299.88	1/2	4,529.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,808.81	3/4	4,061.01	3/4	4,304.81	3/4	4,533.79	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,814.07	7	4,066.24	7	4,309.74	7	4,538.41	7		7		7		7		7		7	
1/4	3,819.32	1/4	4,071.45	1/4	4,314.65	1/4	4,543.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,824.58	1/2	4,076.67	1/2	4,319.56	1/2	4,547.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,829.83	3/4	4,081.88	3/4	4,324.47	3/4	4,552.19	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,835.09	8	4,087.09	8	4,329.38	8	4,556.78	8		8		8		8		8		8	
1/4	3,840.34	1/4	4,092.28	1/4	4,334.26	1/4	4,561.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,845.60	1/2	4,097.47	1/2	4,339.15	1/2	4,565.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.86	3/4	4,102.66	3/4	4,344.03	3/4	4,570.49	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,856.11	9	4,107.85	9	4,348.91	9	4,575.06	9		9		9		9		9		9	
1/4	3,861.37	1/4	4,113.01	1/4	4,353.78	1/4	4,579.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.62	1/2	4,118.17	1/2	4,358.64	1/2	4,584.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,871.88	3/4	4,123.33	3/4	4,363.50	3/4	4,589.72	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,877.13	10	4,128.50	10	4,368.36	10	4,594.61	10		10		10		10		10		10	
1/4	3,882.39	1/4	4,133.63	1/4	4,373.20	1/4	4,599.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,887.64	1/2	4,138.77	1/2	4,378.04	1/2	4,605.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,892.90	3/4	4,143.91	3/4	4,382.88	3/4	4,610.26	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,898.16	11	4,149.05	11	4,387.71	11	4,615.47	11		11		11		11		11		11	
1/4	3,903.41	1/4	4,154.16	1/4	4,392.53	1/4	4,620.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,908.67	1/2	4,159.27	1/2	4,397.34	1/2	4,625.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,913.92	3/4	4,164.39	3/4	4,402.15	3/4	4,631.12	3/4		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
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