



BARGE "CTCo 341"

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	- 00-0/8	00-0/8	- 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	- 00-0/8	00-0/8	- 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 = 8'-00"
 DIFF. = 6'-00" (DOWN BY STERN)

THE CORRECTION FOR 6'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 5'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 5'-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 341"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	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.

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BARGE "CTCo 341"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

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	3,618.83	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
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BARGE "CTCo 341"

1 STBD 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	23.50	0	325.43	0	682.91	0	1,048.99	0	1,415.48	0	1,782.01	0	2,148.55	0	2,515.08	0	2,881.61	0	3,248.02
1/4	27.99	1/4	332.48	1/4	690.55	1/4	1,056.62	1/4	1,423.12	1/4	1,789.65	1/4	2,156.18	1/4	2,522.72	1/4	2,889.25	1/4	3,255.65
1/2	32.48	1/2	339.52	1/2	698.18	1/2	1,064.25	1/2	1,430.75	1/2	1,797.29	1/2	2,163.82	1/2	2,530.35	1/2	2,896.88	1/2	3,263.28
3/4	36.97	3/4	346.57	3/4	705.82	3/4	1,071.88	3/4	1,438.39	3/4	1,804.92	3/4	2,171.46	3/4	2,537.99	3/4	2,904.52	3/4	3,270.91
1	41.46	1	353.62	1	713.46	1	1,079.51	1	1,446.03	1	1,812.56	1	2,179.09	1	2,545.62	1	2,912.16	1	3,278.54
1/4	47.01	1/4	360.75	1/4	721.09	1/4	1,087.14	1/4	1,453.66	1/4	1,820.19	1/4	2,186.73	1/4	2,553.26	1/4	2,919.79	1/4	3,286.18
1/2	52.57	1/2	367.89	1/2	728.73	1/2	1,094.77	1/2	1,461.30	1/2	1,827.83	1/2	2,194.36	1/2	2,560.90	1/2	2,927.43	1/2	3,293.81
3/4	58.12	3/4	375.03	3/4	736.36	3/4	1,102.40	3/4	1,468.93	3/4	1,835.47	3/4	2,202.00	3/4	2,568.53	3/4	2,935.07	3/4	3,301.44
2	63.67	2	382.16	2	744.00	2	1,110.04	2	1,476.57	2	1,843.10	2	2,209.64	2	2,576.17	2	2,942.70	2	3,309.07
1/4	69.78	1/4	389.39	1/4	751.64	1/4	1,117.67	1/4	1,484.21	1/4	1,850.74	1/4	2,217.27	1/4	2,583.80	1/4	2,950.34	1/4	3,316.70
1/2	75.90	1/2	396.62	1/2	759.27	1/2	1,125.31	1/2	1,491.84	1/2	1,858.38	1/2	2,224.91	1/2	2,591.44	1/2	2,957.97	1/2	3,324.34
3/4	82.01	3/4	403.85	3/4	766.91	3/4	1,132.95	3/4	1,499.48	3/4	1,866.01	3/4	2,232.54	3/4	2,599.08	3/4	2,965.61	3/4	3,331.97
3	88.13	3	411.07	3	774.54	3	1,140.58	3	1,507.11	3	1,873.65	3	2,240.18	3	2,606.71	3	2,973.25	3	3,339.60
1/4	94.35	1/4	418.39	1/4	782.17	1/4	1,148.22	1/4	1,514.75	1/4	1,881.28	1/4	2,247.82	1/4	2,614.35	1/4	2,980.88	1/4	3,347.23
1/2	100.58	1/2	425.71	1/2	789.80	1/2	1,155.85	1/2	1,522.39	1/2	1,888.92	1/2	2,255.45	1/2	2,621.99	1/2	2,988.52	1/2	3,354.86
3/4	106.80	3/4	433.03	3/4	797.43	3/4	1,163.49	3/4	1,530.02	3/4	1,896.56	3/4	2,263.09	3/4	2,629.62	3/4	2,996.15	3/4	3,362.50
4	113.02	4	440.35	4	805.06	4	1,171.13	4	1,537.66	4	1,904.19	4	2,270.72	4	2,637.26	4	3,003.79	4	3,370.13
1/4	119.34	1/4	447.76	1/4	812.68	1/4	1,178.76	1/4	1,545.30	1/4	1,911.83	1/4	2,278.36	1/4	2,644.89	1/4	3,011.42	1/4	3,377.76
1/2	125.66	1/2	455.17	1/2	820.30	1/2	1,186.40	1/2	1,552.93	1/2	1,919.46	1/2	2,286.00	1/2	2,652.53	1/2	3,019.05	1/2	3,385.39
3/4	131.98	3/4	462.57	3/4	827.93	3/4	1,194.03	3/4	1,560.57	3/4	1,927.10	3/4	2,293.63	3/4	2,660.17	3/4	3,026.68	3/4	3,393.03
5	138.30	5	469.98	5	835.55	5	1,201.67	5	1,568.20	5	1,934.74	5	2,301.27	5	2,667.80	5	3,034.32	5	3,400.66
1/4	144.71	1/4	477.48	1/4	843.17	1/4	1,209.31	1/4	1,575.84	1/4	1,942.37	1/4	2,308.91	1/4	2,675.44	1/4	3,041.95	1/4	3,408.29
1/2	151.12	1/2	484.98	1/2	850.79	1/2	1,216.94	1/2	1,583.48	1/2	1,950.01	1/2	2,316.54	1/2	2,683.07	1/2	3,049.58	1/2	3,415.92
3/4	157.53	3/4	492.48	3/4	858.42	3/4	1,224.58	3/4	1,591.11	3/4	1,957.64	3/4	2,324.18	3/4	2,690.71	3/4	3,057.21	3/4	3,423.55
6	163.94	6	499.98	6	866.04	6	1,232.22	6	1,598.75	6	1,965.28	6	2,331.81	6	2,698.35	6	3,064.85	6	3,431.19
1/4	170.45	1/4	507.56	1/4	873.66	1/4	1,239.85	1/4	1,606.38	1/4	1,972.92	1/4	2,339.45	1/4	2,705.98	1/4	3,072.48	1/4	3,438.82
1/2	176.95	1/2	515.13	1/2	881.28	1/2	1,247.49	1/2	1,614.02	1/2	1,980.55	1/2	2,347.09	1/2	2,713.62	1/2	3,080.11	1/2	3,446.45
3/4	183.45	3/4	522.71	3/4	888.90	3/4	1,255.12	3/4	1,621.66	3/4	1,988.19	3/4	2,354.72	3/4	2,721.25	3/4	3,087.74	3/4	3,454.08
7	189.95	7	530.29	7	896.53	7	1,262.76	7	1,629.29	7	1,995.83	7	2,362.36	7	2,728.89	7	3,095.37	7	3,461.71
1/4	196.54	1/4	537.90	1/4	904.15	1/4	1,270.40	1/4	1,636.93	1/4	2,003.46	1/4	2,369.99	1/4	2,736.53	1/4	3,103.01	1/4	3,469.35
1/2	203.14	1/2	545.52	1/2	911.77	1/2	1,278.03	1/2	1,644.56	1/2	2,011.10	1/2	2,377.63	1/2	2,744.16	1/2	3,110.64	1/2	3,476.98
3/4	209.73	3/4	553.14	3/4	919.39	3/4	1,285.67	3/4	1,652.20	3/4	2,018.73	3/4	2,385.27	3/4	2,751.80	3/4	3,118.27	3/4	3,484.61
8	216.32	8	560.75	8	927.02	8	1,293.30	8	1,659.84	8	2,026.37	8	2,392.90	8	2,759.44	8	3,125.90	8	3,492.24
1/4	223.00	1/4	568.39	1/4	934.64	1/4	1,300.94	1/4	1,667.47	1/4	2,034.01	1/4	2,400.54	1/4	2,767.07	1/4	3,133.53	1/4	3,499.87
1/2	229.69	1/2	576.02	1/2	942.26	1/2	1,308.58	1/2	1,675.11	1/2	2,041.64	1/2	2,408.17	1/2	2,774.71	1/2	3,141.17	1/2	3,507.51
3/4	236.37	3/4	583.65	3/4	949.88	3/4	1,316.21	3/4	1,682.75	3/4	2,049.28	3/4	2,415.81	3/4	2,782.34	3/4	3,148.80	3/4	3,515.14
9	243.05	9	591.28	9	957.50	9	1,323.85	9	1,690.38	9	2,056.91	9	2,423.45	9	2,789.98	9	3,156.43	9	3,522.77
1/4	249.83	1/4	598.92	1/4	965.13	1/4	1,331.48	1/4	1,698.02	1/4	2,064.55	1/4	2,431.08	1/4	2,797.62	1/4	3,164.06	1/4	3,530.40
1/2	256.60	1/2	606.55	1/2	972.75	1/2	1,339.12	1/2	1,705.65	1/2	2,072.19	1/2	2,438.72	1/2	2,805.25	1/2	3,171.69	1/2	3,538.04
3/4	263.38	3/4	614.19	3/4	980.37	3/4	1,346.76	3/4	1,713.29	3/4	2,079.82	3/4	2,446.36	3/4	2,812.89	3/4	3,179.33	3/4	3,545.67
10	270.15	10	621.83	10	987.99	10	1,354.39	10	1,720.93	10	2,087.46	10	2,453.99	10	2,820.52	10	3,186.96	10	3,553.30
1/4	277.01	1/4	629.46	1/4	995.62	1/4	1,362.03	1/4	1,728.56	1/4	2,095.09	1/4	2,461.63	1/4	2,828.16	1/4	3,194.59	1/4	3,560.93
1/2	283.88	1/2	637.10	1/2	1,003.24	1/2	1,369.66	1/2	1,736.20	1/2	2,102.73	1/2	2,469.26	1/2	2,835.80	1/2	3,202.22	1/2	3,568.56
3/4	290.74	3/4	644.73	3/4	1,010.86	3/4	1,377.30	3/4	1,743.83	3/4	2,110.37	3/4	2,476.90	3/4	2,843.43	3/4	3,209.86	3/4	3,576.20
11	297.61	11	652.37	11	1,018.48	11	1,384.94	11	1,751.47	11	2,118.00	11	2,484.54	11	2,851.07	11	3,217.49	11	3,583.83
1/4	304.56	1/4	660.01	1/4	1,026.11	1/4	1,392.57	1/4	1,759.11	1/4	2,125.64	1/4	2,492.17	1/4	2,858.70	1/4	3,225.12	1/4	3,591.46
1/2	311.52	1/2	667.64	1/2	1,033.73	1/2	1,400.21	1/2	1,766.74	1/2	2,133.27	1/2	2,499.81	1/2	2,866.34	1/2	3,232.75	1/2	3,599.09
3/4	318.47	3/4	675.28	3/4	1,041.36	3/4	1,407.85	3/4	1,774.38	3/4	2,140.91	3/4	2,507.44	3/4	2,873.98	3/4	3,240.38	3/4	3,606.72

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 341"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 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	3,614.36	0	3,980.70	0	4,344.21	0	4,689.02	0	5,022.10	0		0		0		0		0	
1/4	3,621.99	1/4	3,988.33	1/4	4,351.60	1/4	4,695.97	1/4	5,029.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,629.62	1/2	3,995.96	1/2	4,358.99	1/2	4,702.92	1/2	5,037.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,637.25	3/4	4,003.59	3/4	4,366.38	3/4	4,709.87	3/4	5,044.83	3/4		3/4		3/4		3/4		3/4	
1	3,644.88	1	4,011.23	1	4,373.78	1	4,716.82	1	5,052.40	1		1		1		1		1	
1/4	3,652.52	1/4	4,018.86	1/4	4,381.13	1/4	4,723.72	1/4	5,059.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.15	1/2	4,026.49	1/2	4,388.49	1/2	4,730.61	1/2	5,066.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,667.78	3/4	4,034.12	3/4	4,395.85	3/4	4,737.51	3/4	5,073.98	3/4		3/4		3/4		3/4		3/4	
2	3,675.41	2	4,041.75	2	4,403.21	2	4,744.41	2	5,081.17	2		2		2		2		2	
1/4	3,683.05	1/4	4,049.39	1/4	4,410.52	1/4	4,751.25	1/4	5,087.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,690.68	1/2	4,057.02	1/2	4,417.84	1/2	4,758.09	1/2	5,093.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.31	3/4	4,064.65	3/4	4,425.15	3/4	4,764.94	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,705.94	3	4,072.28	3	4,432.47	3	4,771.78	3		3		3		3		3		3	
1/4	3,713.57	1/4	4,079.91	1/4	4,439.73	1/4	4,778.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.21	1/2	4,087.55	1/2	4,447.00	1/2	4,785.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,728.84	3/4	4,095.18	3/4	4,454.26	3/4	4,792.21	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,736.47	4	4,102.81	4	4,461.53	4	4,799.01	4		4		4		4		4		4	
1/4	3,744.10	1/4	4,110.44	1/4	4,468.76	1/4	4,805.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,751.73	1/2	4,118.07	1/2	4,475.99	1/2	4,812.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.37	3/4	4,125.71	3/4	4,483.21	3/4	4,819.34	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,767.00	5	4,133.34	5	4,490.44	5	4,826.12	5		5		5		5		5		5	
1/4	3,774.63	1/4	4,140.97	1/4	4,497.63	1/4	4,832.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.26	1/2	4,148.59	1/2	4,504.83	1/2	4,839.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,789.89	3/4	4,156.22	3/4	4,512.02	3/4	4,846.34	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,797.53	6	4,163.84	6	4,519.22	6	4,853.08	6		6		6		6		6		6	
1/4	3,805.16	1/4	4,171.45	1/4	4,526.38	1/4	4,859.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.79	1/2	4,179.05	1/2	4,533.54	1/2	4,866.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,820.42	3/4	4,186.65	3/4	4,540.70	3/4	4,873.19	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,828.06	7	4,194.25	7	4,547.86	7	4,879.90	7		7		7		7		7		7	
1/4	3,835.69	1/4	4,201.82	1/4	4,554.98	1/4	4,886.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,843.32	1/2	4,209.39	1/2	4,562.11	1/2	4,893.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.95	3/4	4,216.96	3/4	4,569.24	3/4	4,899.90	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,858.58	8	4,224.53	8	4,576.36	8	4,906.57	8		8		8		8		8		8	
1/4	3,866.22	1/4	4,232.07	1/4	4,583.46	1/4	4,913.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,873.85	1/2	4,239.60	1/2	4,590.55	1/2	4,919.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,881.48	3/4	4,247.14	3/4	4,597.64	3/4	4,926.48	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,889.11	9	4,254.67	9	4,604.73	9	4,933.12	9		9		9		9		9		9	
1/4	3,896.74	1/4	4,262.17	1/4	4,611.79	1/4	4,940.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,904.38	1/2	4,269.67	1/2	4,618.85	1/2	4,947.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,912.01	3/4	4,277.17	3/4	4,625.91	3/4	4,954.41	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,919.64	10	4,284.66	10	4,632.97	10	4,961.50	10		10		10		10		10		10	
1/4	3,927.27	1/4	4,292.12	1/4	4,640.00	1/4	4,969.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,934.90	1/2	4,299.58	1/2	4,647.02	1/2	4,976.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.54	3/4	4,307.04	3/4	4,654.05	3/4	4,984.23	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,950.17	11	4,314.50	11	4,661.07	11	4,991.80	11		11		11		11		11		11	
1/4	3,957.80	1/4	4,321.93	1/4	4,668.06	1/4	4,999.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,965.43	1/2	4,329.35	1/2	4,675.05	1/2	5,006.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,973.06	3/4	4,336.78	3/4	4,682.04	3/4	5,014.53	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 341"

2 PORT 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	23.73	0	359.58	0	704.61	0	1,039.30	0	1,380.29	0	1,725.34	0	2,070.38	0	2,415.42	0	2,760.46	0	3,105.35
1/4	29.12	1/4	366.77	1/4	711.80	1/4	1,046.19	1/4	1,387.48	1/4	1,732.52	1/4	2,077.57	1/4	2,422.61	1/4	2,767.65	1/4	3,112.54
1/2	34.51	1/2	373.96	1/2	718.99	1/2	1,053.08	1/2	1,394.67	1/2	1,739.71	1/2	2,084.76	1/2	2,429.80	1/2	2,774.84	1/2	3,119.72
3/4	39.90	3/4	381.14	3/4	726.17	3/4	1,059.97	3/4	1,401.86	3/4	1,746.90	3/4	2,091.94	3/4	2,436.99	3/4	2,782.03	3/4	3,126.90
1	45.29	1	388.33	1	733.36	1	1,066.86	1	1,409.05	1	1,754.09	1	2,099.13	1	2,444.18	1	2,789.22	1	3,134.09
1/4	52.01	1/4	395.52	1/4	740.55	1/4	1,073.76	1/4	1,416.23	1/4	1,761.28	1/4	2,106.32	1/4	2,451.36	1/4	2,796.41	1/4	3,141.27
1/2	58.73	1/2	402.71	1/2	747.74	1/2	1,080.66	1/2	1,423.42	1/2	1,768.47	1/2	2,113.51	1/2	2,458.55	1/2	2,803.60	1/2	3,148.46
3/4	65.45	3/4	409.90	3/4	754.93	3/4	1,087.56	3/4	1,430.61	3/4	1,775.65	3/4	2,120.70	3/4	2,465.74	3/4	2,810.78	3/4	3,155.64
2	72.17	2	417.09	2	762.11	2	1,094.46	2	1,437.80	2	1,782.84	2	2,127.89	2	2,472.93	2	2,817.97	2	3,162.83
1/4	79.34	1/4	424.27	1/4	769.30	1/4	1,101.36	1/4	1,444.99	1/4	1,790.03	1/4	2,135.07	1/4	2,480.12	1/4	2,825.16	1/4	3,170.01
1/2	86.50	1/2	431.46	1/2	776.49	1/2	1,108.27	1/2	1,452.18	1/2	1,797.22	1/2	2,142.26	1/2	2,487.31	1/2	2,832.35	1/2	3,177.19
3/4	93.67	3/4	438.65	3/4	783.68	3/4	1,115.17	3/4	1,459.36	3/4	1,804.41	3/4	2,149.45	3/4	2,494.49	3/4	2,839.54	3/4	3,184.38
3	100.83	3	445.84	3	790.87	3	1,122.08	3	1,466.55	3	1,811.60	3	2,156.64	3	2,501.68	3	2,846.73	3	3,191.56
1/4	108.02	1/4	453.03	1/4	797.90	1/4	1,129.12	1/4	1,473.74	1/4	1,818.78	1/4	2,163.83	1/4	2,508.87	1/4	2,853.91	1/4	3,198.75
1/2	115.20	1/2	460.21	1/2	804.94	1/2	1,136.17	1/2	1,480.93	1/2	1,825.97	1/2	2,171.02	1/2	2,516.06	1/2	2,861.09	1/2	3,205.93
3/4	122.38	3/4	467.40	3/4	811.97	3/4	1,143.22	3/4	1,488.12	3/4	1,833.16	3/4	2,178.20	3/4	2,523.25	3/4	2,868.27	3/4	3,213.12
4	129.56	4	474.59	4	819.01	4	1,150.26	4	1,495.31	4	1,840.35	4	2,185.39	4	2,530.44	4	2,875.45	4	3,220.30
1/4	136.75	1/4	481.78	1/4	825.89	1/4	1,157.45	1/4	1,502.49	1/4	1,847.54	1/4	2,192.58	1/4	2,537.62	1/4	2,882.64	1/4	3,227.48
1/2	143.94	1/2	488.97	1/2	832.78	1/2	1,164.64	1/2	1,509.68	1/2	1,854.73	1/2	2,199.77	1/2	2,544.81	1/2	2,889.82	1/2	3,234.67
3/4	151.13	3/4	496.15	3/4	839.66	3/4	1,171.83	3/4	1,516.87	3/4	1,861.91	3/4	2,206.96	3/4	2,552.00	3/4	2,897.01	3/4	3,241.85
5	158.31	5	503.34	5	846.54	5	1,179.02	5	1,524.06	5	1,869.10	5	2,214.15	5	2,559.19	5	2,904.19	5	3,249.04
1/4	165.50	1/4	510.53	1/4	853.43	1/4	1,186.21	1/4	1,531.25	1/4	1,876.29	1/4	2,221.33	1/4	2,566.38	1/4	2,911.37	1/4	3,256.22
1/2	172.69	1/2	517.72	1/2	860.31	1/2	1,193.39	1/2	1,538.44	1/2	1,883.48	1/2	2,228.52	1/2	2,573.57	1/2	2,918.56	1/2	3,263.41
3/4	179.88	3/4	524.91	3/4	867.20	3/4	1,200.58	3/4	1,545.63	3/4	1,890.67	3/4	2,235.71	3/4	2,580.75	3/4	2,925.74	3/4	3,270.59
6	187.07	6	532.09	6	874.08	6	1,207.77	6	1,552.81	6	1,897.86	6	2,242.90	6	2,587.94	6	2,932.93	6	3,277.77
1/4	194.25	1/4	539.28	1/4	880.96	1/4	1,214.96	1/4	1,560.00	1/4	1,905.05	1/4	2,250.09	1/4	2,595.13	1/4	2,940.11	1/4	3,284.96
1/2	201.44	1/2	546.47	1/2	887.85	1/2	1,222.15	1/2	1,567.19	1/2	1,912.23	1/2	2,257.28	1/2	2,602.32	1/2	2,947.30	1/2	3,292.14
3/4	208.63	3/4	553.66	3/4	894.73	3/4	1,229.34	3/4	1,574.38	3/4	1,919.42	3/4	2,264.47	3/4	2,609.51	3/4	2,954.48	3/4	3,299.33
7	215.82	7	560.85	7	901.61	7	1,236.52	7	1,581.57	7	1,926.61	7	2,271.65	7	2,616.70	7	2,961.66	7	3,306.51
1/4	223.01	1/4	568.04	1/4	908.50	1/4	1,243.71	1/4	1,588.76	1/4	1,933.80	1/4	2,278.84	1/4	2,623.89	1/4	2,968.85	1/4	3,313.70
1/2	230.19	1/2	575.22	1/2	915.38	1/2	1,250.90	1/2	1,595.94	1/2	1,940.99	1/2	2,286.03	1/2	2,631.07	1/2	2,976.03	1/2	3,320.88
3/4	237.38	3/4	582.41	3/4	922.27	3/4	1,258.09	3/4	1,603.13	3/4	1,948.18	3/4	2,293.22	3/4	2,638.26	3/4	2,983.22	3/4	3,328.06
8	244.57	8	589.60	8	929.15	8	1,265.28	8	1,610.32	8	1,955.36	8	2,300.41	8	2,645.45	8	2,990.40	8	3,335.25
1/4	251.76	1/4	596.79	1/4	936.03	1/4	1,272.47	1/4	1,617.51	1/4	1,962.55	1/4	2,307.60	1/4	2,652.64	1/4	2,997.59	1/4	3,342.43
1/2	258.95	1/2	603.98	1/2	942.92	1/2	1,279.65	1/2	1,624.70	1/2	1,969.74	1/2	2,314.78	1/2	2,659.83	1/2	3,004.77	1/2	3,349.62
3/4	266.14	3/4	611.16	3/4	949.80	3/4	1,286.84	3/4	1,631.89	3/4	1,976.93	3/4	2,321.97	3/4	2,667.02	3/4	3,011.95	3/4	3,356.80
9	273.32	9	618.35	9	956.68	9	1,294.03	9	1,639.07	9	1,984.12	9	2,329.16	9	2,674.20	9	3,019.14	9	3,363.99
1/4	280.51	1/4	625.54	1/4	963.57	1/4	1,301.22	1/4	1,646.26	1/4	1,991.31	1/4	2,336.35	1/4	2,681.39	1/4	3,026.32	1/4	3,371.17
1/2	287.70	1/2	632.73	1/2	970.45	1/2	1,308.41	1/2	1,653.45	1/2	1,998.49	1/2	2,343.54	1/2	2,688.58	1/2	3,033.51	1/2	3,378.35
3/4	294.89	3/4	639.92	3/4	977.33	3/4	1,315.60	3/4	1,660.64	3/4	2,005.68	3/4	2,350.73	3/4	2,695.77	3/4	3,040.69	3/4	3,385.54
10	302.08	10	647.10	10	984.22	10	1,322.78	10	1,667.83	10	2,012.87	10	2,357.91	10	2,702.96	10	3,047.88	10	3,392.72
1/4	309.26	1/4	654.29	1/4	991.10	1/4	1,329.97	1/4	1,675.02	1/4	2,020.06	1/4	2,365.10	1/4	2,710.15	1/4	3,055.06	1/4	3,399.91
1/2	316.45	1/2	661.48	1/2	997.99	1/2	1,337.16	1/2	1,682.20	1/2	2,027.25	1/2	2,372.29	1/2	2,717.33	1/2	3,062.25	1/2	3,407.09
3/4	323.64	3/4	668.67	3/4	1,004.87	3/4	1,344.35	3/4	1,689.39	3/4	2,034.44	3/4	2,379.48	3/4	2,724.52	3/4	3,069.43	3/4	3,414.28
11	330.83	11	675.86	11	1,011.75	11	1,351.54	11	1,696.58	11	2,041.62	11	2,386.67	11	2,731.71	11	3,076.61	11	3,421.46
1/4	338.02	1/4	683.04	1/4	1,018.64	1/4	1,358.73	1/4	1,703.77	1/4	2,048.81	1/4	2,393.86	1/4	2,738.90	1/4	3,083.80	1/4	3,428.64
1/2	345.20	1/2	690.23	1/2	1,025.53	1/2	1,365.92	1/2	1,710.96	1/2	2,056.00	1/2	2,401.04	1/2	2,746.09	1/2	3,090.98	1/2	3,435.83
3/4	352.39	3/4	697.42	3/4	1,032.41	3/4	1,373.10	3/4	1,718.15	3/4	2,063.19	3/4	2,408.23	3/4	2,753.28	3/4	3,098.17	3/4	3,443.01

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

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BARGE "CTCo 341"

2 PORT 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	3,450.20	0	3,795.04	0	4,137.22	0	4,461.75	0	4,775.12	0		0		0		0		0	
1/4	3,457.38	1/4	3,802.23	1/4	4,144.18	1/4	4,468.29	1/4	4,782.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,464.57	1/2	3,809.41	1/2	4,151.14	1/2	4,474.84	1/2	4,789.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,471.75	3/4	3,816.60	3/4	4,158.10	3/4	4,481.38	3/4	4,796.50	3/4		3/4		3/4		3/4		3/4	
1	3,478.93	1	3,823.78	1	4,165.06	1	4,487.92	1	4,803.63	1		1		1		1		1	
1/4	3,486.12	1/4	3,830.97	1/4	4,171.98	1/4	4,494.41	1/4	4,810.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,493.30	1/2	3,838.15	1/2	4,178.91	1/2	4,500.89	1/2	4,817.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,500.49	3/4	3,845.33	3/4	4,185.84	3/4	4,507.38	3/4	4,823.93	3/4		3/4		3/4		3/4		3/4	
2	3,507.67	2	3,852.52	2	4,192.76	2	4,513.87	2	4,830.70	2		2		2		2		2	
1/4	3,514.86	1/4	3,859.70	1/4	4,199.65	1/4	4,520.31	1/4	4,836.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,522.04	1/2	3,866.89	1/2	4,206.53	1/2	4,526.75	1/2	4,842.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,529.22	3/4	3,874.07	3/4	4,213.42	3/4	4,533.18	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,536.41	3	3,881.26	3	4,220.30	3	4,539.62	3		3		3		3		3		3	
1/4	3,543.59	1/4	3,888.44	1/4	4,227.14	1/4	4,546.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,550.78	1/2	3,895.62	1/2	4,233.98	1/2	4,552.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,557.96	3/4	3,902.81	3/4	4,240.82	3/4	4,558.84	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,565.15	4	3,909.99	4	4,247.65	4	4,565.24	4		4		4		4		4		4	
1/4	3,572.33	1/4	3,917.18	1/4	4,254.46	1/4	4,571.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,579.51	1/2	3,924.36	1/2	4,261.26	1/2	4,577.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,586.70	3/4	3,931.55	3/4	4,268.06	3/4	4,584.37	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,593.88	5	3,938.73	5	4,274.86	5	4,590.74	5		5		5		5		5		5	
1/4	3,601.07	1/4	3,945.91	1/4	4,281.63	1/4	4,597.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,608.25	1/2	3,953.09	1/2	4,288.40	1/2	4,603.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,615.44	3/4	3,960.26	3/4	4,295.17	3/4	4,609.77	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,622.62	6	3,967.44	6	4,301.94	6	4,616.11	6		6		6		6		6		6	
1/4	3,629.80	1/4	3,974.60	1/4	4,308.68	1/4	4,622.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,636.99	1/2	3,981.76	1/2	4,315.42	1/2	4,628.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,644.17	3/4	3,988.91	3/4	4,322.16	3/4	4,635.03	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,651.36	7	3,996.07	7	4,328.90	7	4,641.34	7		7		7		7		7		7	
1/4	3,658.54	1/4	4,003.19	1/4	4,335.60	1/4	4,647.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,665.73	1/2	4,010.32	1/2	4,342.31	1/2	4,653.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,672.91	3/4	4,017.44	3/4	4,349.02	3/4	4,660.16	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,680.09	8	4,024.57	8	4,355.73	8	4,666.43	8		8		8		8		8		8	
1/4	3,687.28	1/4	4,031.66	1/4	4,362.40	1/4	4,672.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,694.46	1/2	4,038.76	1/2	4,369.08	1/2	4,678.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,701.65	3/4	4,045.85	3/4	4,375.75	3/4	4,685.16	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,708.83	9	4,052.94	9	4,382.43	9	4,691.40	9		9		9		9		9		9	
1/4	3,716.02	1/4	4,060.00	1/4	4,389.07	1/4	4,698.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,723.20	1/2	4,067.06	1/2	4,395.71	1/2	4,704.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,730.38	3/4	4,074.12	3/4	4,402.36	3/4	4,711.43	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,737.57	10	4,081.17	10	4,409.00	10	4,718.11	10		10		10		10		10		10	
1/4	3,744.75	1/4	4,088.20	1/4	4,415.61	1/4	4,725.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,751.94	1/2	4,095.22	1/2	4,422.23	1/2	4,732.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.12	3/4	4,102.24	3/4	4,428.84	3/4	4,739.49	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,766.31	11	4,109.26	11	4,435.45	11	4,746.62	11		11		11		11		11		11	
1/4	3,773.49	1/4	4,116.25	1/4	4,442.03	1/4	4,753.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,780.67	1/2	4,123.24	1/2	4,448.60	1/2	4,760.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,787.86	3/4	4,130.23	3/4	4,455.18	3/4	4,768.00	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 341"

2 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	23.71	0	359.31	0	704.07	0	1,048.42	0	1,393.17	0	1,737.95	0	2,082.73	0	2,427.51	0	2,772.29	0	3,116.92
1/4	29.10	1/4	366.49	1/4	711.25	1/4	1,055.60	1/4	1,400.35	1/4	1,745.13	1/4	2,089.91	1/4	2,434.69	1/4	2,779.47	1/4	3,124.10
1/2	34.48	1/2	373.67	1/2	718.44	1/2	1,062.78	1/2	1,407.53	1/2	1,752.31	1/2	2,097.09	1/2	2,441.87	1/2	2,786.65	1/2	3,131.28
3/4	39.87	3/4	380.85	3/4	725.62	3/4	1,069.96	3/4	1,414.72	3/4	1,759.50	3/4	2,104.28	3/4	2,449.06	3/4	2,793.83	3/4	3,138.46
1	45.25	1	388.04	1	732.80	1	1,077.13	1	1,421.90	1	1,766.68	1	2,111.46	1	2,456.24	1	2,801.02	1	3,145.63
1/4	51.97	1/4	395.22	1/4	739.98	1/4	1,084.31	1/4	1,429.08	1/4	1,773.86	1/4	2,118.64	1/4	2,463.42	1/4	2,808.20	1/4	3,152.81
1/2	58.69	1/2	402.40	1/2	747.17	1/2	1,091.49	1/2	1,436.27	1/2	1,781.05	1/2	2,125.82	1/2	2,470.60	1/2	2,815.38	1/2	3,159.99
3/4	65.40	3/4	409.58	3/4	754.35	3/4	1,098.67	3/4	1,443.45	3/4	1,788.23	3/4	2,133.01	3/4	2,477.79	3/4	2,822.57	3/4	3,167.17
2	72.12	2	416.77	2	761.53	2	1,105.85	2	1,450.63	2	1,795.41	2	2,140.19	2	2,484.97	2	2,829.75	2	3,174.35
1/4	79.28	1/4	423.95	1/4	768.71	1/4	1,113.04	1/4	1,457.81	1/4	1,802.59	1/4	2,147.37	1/4	2,492.15	1/4	2,836.93	1/4	3,181.53
1/2	86.44	1/2	431.13	1/2	775.90	1/2	1,120.22	1/2	1,465.00	1/2	1,809.78	1/2	2,154.56	1/2	2,499.34	1/2	2,844.11	1/2	3,188.71
3/4	93.60	3/4	438.32	3/4	783.08	3/4	1,127.40	3/4	1,472.18	3/4	1,816.96	3/4	2,161.74	3/4	2,506.52	3/4	2,851.30	3/4	3,195.89
3	100.76	3	445.50	3	790.26	3	1,134.58	3	1,479.36	3	1,824.14	3	2,168.92	3	2,513.70	3	2,858.48	3	3,203.07
1/4	107.93	1/4	452.68	1/4	797.44	1/4	1,141.77	1/4	1,486.55	1/4	1,831.33	1/4	2,176.10	1/4	2,520.88	1/4	2,865.66	1/4	3,210.24
1/2	115.11	1/2	459.86	1/2	804.62	1/2	1,148.95	1/2	1,493.73	1/2	1,838.51	1/2	2,183.29	1/2	2,528.07	1/2	2,872.84	1/2	3,217.42
3/4	122.29	3/4	467.05	3/4	811.79	3/4	1,156.13	3/4	1,500.91	3/4	1,845.69	3/4	2,190.47	3/4	2,535.25	3/4	2,880.02	3/4	3,224.60
4	129.47	4	474.23	4	818.97	4	1,163.32	4	1,508.10	4	1,852.87	4	2,197.65	4	2,542.43	4	2,887.20	4	3,231.78
1/4	136.65	1/4	481.41	1/4	826.14	1/4	1,170.50	1/4	1,515.28	1/4	1,860.06	1/4	2,204.84	1/4	2,549.62	1/4	2,894.38	1/4	3,238.96
1/2	143.83	1/2	488.59	1/2	833.31	1/2	1,177.68	1/2	1,522.46	1/2	1,867.24	1/2	2,212.02	1/2	2,556.80	1/2	2,901.56	1/2	3,246.14
3/4	151.01	3/4	495.78	3/4	840.48	3/4	1,184.86	3/4	1,529.64	3/4	1,874.42	3/4	2,219.20	3/4	2,563.98	3/4	2,908.73	3/4	3,253.32
5	158.19	5	502.96	5	847.65	5	1,192.05	5	1,536.83	5	1,881.61	5	2,226.39	5	2,571.16	5	2,915.91	5	3,260.50
1/4	165.38	1/4	510.14	1/4	854.82	1/4	1,199.23	1/4	1,544.01	1/4	1,888.79	1/4	2,233.57	1/4	2,578.35	1/4	2,923.09	1/4	3,267.67
1/2	172.56	1/2	517.32	1/2	861.99	1/2	1,206.41	1/2	1,551.19	1/2	1,895.97	1/2	2,240.75	1/2	2,585.53	1/2	2,930.27	1/2	3,274.85
3/4	179.74	3/4	524.51	3/4	869.16	3/4	1,213.60	3/4	1,558.38	3/4	1,903.15	3/4	2,247.93	3/4	2,592.71	3/4	2,937.45	3/4	3,282.03
6	186.92	6	531.69	6	876.33	6	1,220.78	6	1,565.56	6	1,910.34	6	2,255.12	6	2,599.90	6	2,944.63	6	3,289.21
1/4	194.11	1/4	538.87	1/4	883.50	1/4	1,227.96	1/4	1,572.74	1/4	1,917.52	1/4	2,262.30	1/4	2,607.08	1/4	2,951.81	1/4	3,296.39
1/2	201.29	1/2	546.05	1/2	890.67	1/2	1,235.15	1/2	1,579.92	1/2	1,924.70	1/2	2,269.48	1/2	2,614.26	1/2	2,958.99	1/2	3,303.57
3/4	208.47	3/4	553.24	3/4	897.84	3/4	1,242.33	3/4	1,587.11	3/4	1,931.89	3/4	2,276.67	3/4	2,621.44	3/4	2,966.16	3/4	3,310.75
7	215.65	7	560.42	7	905.01	7	1,249.51	7	1,594.29	7	1,939.07	7	2,283.85	7	2,628.63	7	2,973.34	7	3,317.93
1/4	222.84	1/4	567.60	1/4	912.18	1/4	1,256.69	1/4	1,601.47	1/4	1,946.25	1/4	2,291.03	1/4	2,635.81	1/4	2,980.52	1/4	3,325.10
1/2	230.02	1/2	574.78	1/2	919.35	1/2	1,263.88	1/2	1,608.66	1/2	1,953.44	1/2	2,298.21	1/2	2,642.99	1/2	2,987.70	1/2	3,332.28
3/4	237.20	3/4	581.97	3/4	926.52	3/4	1,271.06	3/4	1,615.84	3/4	1,960.62	3/4	2,305.40	3/4	2,650.18	3/4	2,994.88	3/4	3,339.46
8	244.38	8	589.15	8	933.69	8	1,278.24	8	1,623.02	8	1,967.80	8	2,312.58	8	2,657.36	8	3,002.06	8	3,346.64
1/4	251.57	1/4	596.33	1/4	940.86	1/4	1,285.43	1/4	1,630.20	1/4	1,974.98	1/4	2,319.76	1/4	2,664.54	1/4	3,009.24	1/4	3,353.82
1/2	258.75	1/2	603.51	1/2	948.03	1/2	1,292.61	1/2	1,637.39	1/2	1,982.17	1/2	2,326.95	1/2	2,671.72	1/2	3,016.42	1/2	3,361.00
3/4	265.93	3/4	610.70	3/4	955.20	3/4	1,299.79	3/4	1,644.57	3/4	1,989.35	3/4	2,334.13	3/4	2,678.91	3/4	3,023.60	3/4	3,368.18
9	273.12	9	617.88	9	962.37	9	1,306.97	9	1,651.75	9	1,996.53	9	2,341.31	9	2,686.09	9	3,030.77	9	3,375.36
1/4	280.30	1/4	625.06	1/4	969.54	1/4	1,314.16	1/4	1,658.94	1/4	2,003.72	1/4	2,348.49	1/4	2,693.27	1/4	3,037.95	1/4	3,382.54
1/2	287.48	1/2	632.25	1/2	976.71	1/2	1,321.34	1/2	1,666.12	1/2	2,010.90	1/2	2,355.68	1/2	2,700.46	1/2	3,045.13	1/2	3,389.71
3/4	294.66	3/4	639.43	3/4	983.88	3/4	1,328.52	3/4	1,673.30	3/4	2,018.08	3/4	2,362.86	3/4	2,707.64	3/4	3,052.31	3/4	3,396.89
10	301.85	10	646.61	10	991.05	10	1,335.71	10	1,680.48	10	2,025.26	10	2,370.04	10	2,714.82	10	3,059.49	10	3,404.07
1/4	309.03	1/4	653.79	1/4	998.22	1/4	1,342.89	1/4	1,687.67	1/4	2,032.45	1/4	2,377.23	1/4	2,722.01	1/4	3,066.67	1/4	3,411.25
1/2	316.21	1/2	660.98	1/2	1,005.39	1/2	1,350.07	1/2	1,694.85	1/2	2,039.63	1/2	2,384.41	1/2	2,729.19	1/2	3,073.85	1/2	3,418.43
3/4	323.39	3/4	668.16	3/4	1,012.56	3/4	1,357.25	3/4	1,702.03	3/4	2,046.81	3/4	2,391.59	3/4	2,736.37	3/4	3,081.03	3/4	3,425.61
11	330.58	11	675.34	11	1,019.73	11	1,364.44	11	1,709.22	11	2,054.00	11	2,398.77	11	2,743.55	11	3,088.20	11	3,432.79
1/4	337.76	1/4	682.52	1/4	1,026.90	1/4	1,371.62	1/4	1,716.40	1/4	2,061.18	1/4	2,405.96	1/4	2,750.74	1/4	3,095.38	1/4	3,439.97
1/2	344.94	1/2	689.71	1/2	1,034.08	1/2	1,378.80	1/2	1,723.58	1/2	2,068.36	1/2	2,413.14	1/2	2,757.92	1/2	3,102.56	1/2	3,447.14
3/4	352.12	3/4	696.89	3/4	1,041.25	3/4	1,385.99	3/4	1,730.77	3/4	2,075.54	3/4	2,420.32	3/4	2,765.10	3/4	3,109.74	3/4	3,454.32

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 341"

2 STBD 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	3,461.50	0	3,806.08	0	4,148.01	0	4,472.30	0	4,785.43	0		0		0		0		0	
1/4	3,468.68	1/4	3,813.26	1/4	4,154.96	1/4	4,478.83	1/4	4,792.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,475.86	1/2	3,820.44	1/2	4,161.92	1/2	4,485.37	1/2	4,799.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,483.04	3/4	3,827.62	3/4	4,168.87	3/4	4,491.90	3/4	4,806.79	3/4		3/4		3/4		3/4		3/4	
1	3,490.22	1	3,834.80	1	4,175.82	1	4,498.44	1	4,813.91	1		1		1		1		1	
1/4	3,497.40	1/4	3,841.98	1/4	4,182.74	1/4	4,504.92	1/4	4,820.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,504.57	1/2	3,849.16	1/2	4,189.67	1/2	4,511.41	1/2	4,827.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,511.75	3/4	3,856.34	3/4	4,196.59	3/4	4,517.89	3/4	4,834.20	3/4		3/4		3/4		3/4		3/4	
2	3,518.93	2	3,863.51	2	4,203.51	2	4,524.37	2	4,840.97	2		2		2		2		2	
1/4	3,526.11	1/4	3,870.69	1/4	4,210.39	1/4	4,530.81	1/4	4,846.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,533.29	1/2	3,877.87	1/2	4,217.27	1/2	4,537.24	1/2	4,852.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,540.47	3/4	3,885.05	3/4	4,224.15	3/4	4,543.67	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,547.65	3	3,892.23	3	4,231.03	3	4,550.10	3		3		3		3		3		3	
1/4	3,554.83	1/4	3,899.41	1/4	4,237.86	1/4	4,556.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,562.01	1/2	3,906.59	1/2	4,244.69	1/2	4,562.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,569.18	3/4	3,913.77	3/4	4,251.53	3/4	4,569.31	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,576.36	4	3,920.95	4	4,258.36	4	4,575.71	4		4		4		4		4		4	
1/4	3,583.54	1/4	3,928.12	1/4	4,265.16	1/4	4,582.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,590.72	1/2	3,935.30	1/2	4,271.95	1/2	4,588.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,597.90	3/4	3,942.48	3/4	4,278.75	3/4	4,594.82	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,605.08	5	3,949.66	5	4,285.55	5	4,601.18	5		5		5		5		5		5	
1/4	3,612.26	1/4	3,956.84	1/4	4,292.31	1/4	4,607.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,619.44	1/2	3,964.01	1/2	4,299.08	1/2	4,613.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,626.61	3/4	3,971.18	3/4	4,305.84	3/4	4,620.20	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,633.79	6	3,978.36	6	4,312.61	6	4,626.54	6		6		6		6		6		6	
1/4	3,640.97	1/4	3,985.51	1/4	4,319.34	1/4	4,632.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,648.15	1/2	3,992.66	1/2	4,326.07	1/2	4,639.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,655.33	3/4	3,999.81	3/4	4,332.81	3/4	4,645.44	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,662.51	7	4,006.96	7	4,339.54	7	4,651.74	7		7		7		7		7		7	
1/4	3,669.69	1/4	4,014.08	1/4	4,346.24	1/4	4,658.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,676.87	1/2	4,021.20	1/2	4,352.94	1/2	4,664.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,684.04	3/4	4,028.32	3/4	4,359.65	3/4	4,670.55	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,691.22	8	4,035.44	8	4,366.35	8	4,676.82	8		8		8		8		8		8	
1/4	3,698.40	1/4	4,042.53	1/4	4,373.02	1/4	4,683.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.58	1/2	4,049.62	1/2	4,379.69	1/2	4,689.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,712.76	3/4	4,056.71	3/4	4,386.36	3/4	4,695.53	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,719.94	9	4,063.80	9	4,393.03	9	4,701.77	9		9		9		9		9		9	
1/4	3,727.12	1/4	4,070.85	1/4	4,399.67	1/4	4,708.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.30	1/2	4,077.90	1/2	4,406.31	1/2	4,715.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,741.48	3/4	4,084.95	3/4	4,412.95	3/4	4,721.79	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,748.65	10	4,092.00	10	4,419.58	10	4,728.46	10		10		10		10		10		10	
1/4	3,755.83	1/4	4,099.02	1/4	4,426.19	1/4	4,735.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,763.01	1/2	4,106.04	1/2	4,432.80	1/2	4,742.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.19	3/4	4,113.05	3/4	4,439.40	3/4	4,749.82	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,777.37	11	4,120.07	11	4,446.01	11	4,756.94	11		11		11		11		11		11	
1/4	3,784.55	1/4	4,127.06	1/4	4,452.58	1/4	4,764.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,791.73	1/2	4,134.04	1/2	4,459.15	1/2	4,771.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.91	3/4	4,141.03	3/4	4,465.73	3/4	4,778.31	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 341"

3 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	25.04	0	379.35	0	743.21	0	1,099.16	0	1,459.82	0	1,823.49	0	2,185.03	0	2,546.60	0	2,910.03	0	3,273.26
1/4	30.73	1/4	386.93	1/4	750.79	1/4	1,106.51	1/4	1,467.39	1/4	1,831.07	1/4	2,192.55	1/4	2,554.18	1/4	2,917.60	1/4	3,280.83
1/2	36.43	1/2	394.51	1/2	758.37	1/2	1,113.87	1/2	1,474.97	1/2	1,838.64	1/2	2,200.06	1/2	2,561.75	1/2	2,925.17	1/2	3,288.39
3/4	42.12	3/4	402.09	3/4	765.95	3/4	1,121.22	3/4	1,482.55	3/4	1,846.22	3/4	2,207.58	3/4	2,569.33	3/4	2,932.74	3/4	3,295.96
1	47.82	1	409.67	1	773.53	1	1,128.58	1	1,490.12	1	1,853.80	1	2,215.09	1	2,576.91	1	2,940.31	1	3,303.53
1/4	54.91	1/4	417.25	1/4	781.11	1/4	1,135.94	1/4	1,497.70	1/4	1,861.37	1/4	2,222.60	1/4	2,584.48	1/4	2,947.87	1/4	3,311.08
1/2	62.01	1/2	424.83	1/2	788.70	1/2	1,143.30	1/2	1,505.28	1/2	1,868.95	1/2	2,230.12	1/2	2,592.06	1/2	2,955.44	1/2	3,318.64
3/4	69.11	3/4	432.41	3/4	796.28	3/4	1,150.66	3/4	1,512.85	3/4	1,876.53	3/4	2,237.63	3/4	2,599.64	3/4	2,963.01	3/4	3,326.19
2	76.21	2	439.99	2	803.86	2	1,158.02	2	1,520.43	2	1,884.10	2	2,245.14	2	2,607.21	2	2,970.58	2	3,333.75
1/4	83.78	1/4	447.57	1/4	811.44	1/4	1,165.38	1/4	1,528.01	1/4	1,891.68	1/4	2,252.66	1/4	2,614.79	1/4	2,978.15	1/4	3,341.29
1/2	91.34	1/2	455.15	1/2	819.02	1/2	1,172.75	1/2	1,535.58	1/2	1,899.26	1/2	2,260.17	1/2	2,622.37	1/2	2,985.72	1/2	3,348.84
3/4	98.91	3/4	462.73	3/4	826.60	3/4	1,180.12	3/4	1,543.16	3/4	1,906.83	3/4	2,267.69	3/4	2,629.94	3/4	2,993.29	3/4	3,356.39
3	106.48	3	470.31	3	834.18	3	1,187.48	3	1,550.74	3	1,914.41	3	2,275.20	3	2,637.52	3	3,000.86	3	3,363.93
1/4	114.05	1/4	477.89	1/4	841.64	1/4	1,194.96	1/4	1,558.31	1/4	1,921.96	1/4	2,282.73	1/4	2,645.09	1/4	3,008.43	1/4	3,371.48
1/2	121.63	1/2	485.47	1/2	849.11	1/2	1,202.43	1/2	1,565.89	1/2	1,929.50	1/2	2,290.25	1/2	2,652.66	1/2	3,015.99	1/2	3,379.02
3/4	129.21	3/4	493.05	3/4	856.57	3/4	1,209.90	3/4	1,573.47	3/4	1,937.05	3/4	2,297.78	3/4	2,660.24	3/4	3,023.56	3/4	3,386.57
4	136.79	4	500.63	4	864.04	4	1,217.37	4	1,581.04	4	1,944.60	4	2,305.30	4	2,667.81	4	3,031.13	4	3,394.12
1/4	144.37	1/4	508.21	1/4	871.38	1/4	1,224.95	1/4	1,588.62	1/4	1,952.11	1/4	2,312.84	1/4	2,675.38	1/4	3,038.69	1/4	3,401.66
1/2	151.95	1/2	515.79	1/2	878.73	1/2	1,232.52	1/2	1,596.20	1/2	1,959.62	1/2	2,320.38	1/2	2,682.95	1/2	3,046.26	1/2	3,409.21
3/4	159.53	3/4	523.37	3/4	886.08	3/4	1,240.10	3/4	1,603.77	3/4	1,967.14	3/4	2,327.92	3/4	2,690.52	3/4	3,053.83	3/4	3,416.75
5	167.12	5	530.95	5	893.42	5	1,247.68	5	1,611.35	5	1,974.65	5	2,335.46	5	2,698.09	5	3,061.39	5	3,424.30
1/4	174.70	1/4	538.53	1/4	900.77	1/4	1,255.25	1/4	1,618.92	1/4	1,982.16	1/4	2,343.00	1/4	2,705.66	1/4	3,068.96	1/4	3,431.85
1/2	182.28	1/2	546.11	1/2	908.12	1/2	1,262.83	1/2	1,626.50	1/2	1,989.68	1/2	2,350.53	1/2	2,713.23	1/2	3,076.53	1/2	3,439.39
3/4	189.86	3/4	553.69	3/4	915.47	3/4	1,270.41	3/4	1,634.08	3/4	1,997.19	3/4	2,358.07	3/4	2,720.80	3/4	3,084.09	3/4	3,446.94
6	197.44	6	561.27	6	922.81	6	1,277.98	6	1,641.65	6	2,004.71	6	2,365.61	6	2,728.36	6	3,091.66	6	3,454.48
1/4	205.02	1/4	568.85	1/4	930.16	1/4	1,285.56	1/4	1,649.23	1/4	2,012.22	1/4	2,373.15	1/4	2,735.93	1/4	3,099.23	1/4	3,462.03
1/2	212.60	1/2	576.44	1/2	937.51	1/2	1,293.14	1/2	1,656.81	1/2	2,019.73	1/2	2,380.69	1/2	2,743.50	1/2	3,106.79	1/2	3,469.58
3/4	220.18	3/4	584.02	3/4	944.85	3/4	1,300.71	3/4	1,664.38	3/4	2,027.25	3/4	2,388.22	3/4	2,751.07	3/4	3,114.36	3/4	3,477.12
7	227.76	7	591.60	7	952.20	7	1,308.29	7	1,671.96	7	2,034.76	7	2,395.76	7	2,758.64	7	3,121.93	7	3,484.67
1/4	235.34	1/4	599.18	1/4	959.55	1/4	1,315.86	1/4	1,679.54	1/4	2,042.27	1/4	2,403.30	1/4	2,766.21	1/4	3,129.49	1/4	3,492.21
1/2	242.92	1/2	606.76	1/2	966.90	1/2	1,323.44	1/2	1,687.11	1/2	2,049.79	1/2	2,410.84	1/2	2,773.78	1/2	3,137.06	1/2	3,499.76
3/4	250.50	3/4	614.34	3/4	974.24	3/4	1,331.02	3/4	1,694.69	3/4	2,057.30	3/4	2,418.38	3/4	2,781.35	3/4	3,144.63	3/4	3,507.30
8	258.08	8	621.92	8	981.59	8	1,338.59	8	1,702.27	8	2,064.82	8	2,425.91	8	2,788.92	8	3,152.19	8	3,514.85
1/4	265.66	1/4	629.50	1/4	988.94	1/4	1,346.17	1/4	1,709.84	1/4	2,072.33	1/4	2,433.45	1/4	2,796.49	1/4	3,159.76	1/4	3,522.40
1/2	273.24	1/2	637.08	1/2	996.28	1/2	1,353.75	1/2	1,717.42	1/2	2,079.84	1/2	2,440.99	1/2	2,804.06	1/2	3,167.33	1/2	3,529.94
3/4	280.82	3/4	644.66	3/4	1,003.63	3/4	1,361.32	3/4	1,725.00	3/4	2,087.36	3/4	2,448.53	3/4	2,811.63	3/4	3,174.89	3/4	3,537.49
9	288.40	9	652.24	9	1,010.98	9	1,368.90	9	1,732.57	9	2,094.87	9	2,456.07	9	2,819.20	9	3,182.46	9	3,545.03
1/4	295.98	1/4	659.82	1/4	1,018.33	1/4	1,376.48	1/4	1,740.15	1/4	2,102.38	1/4	2,463.60	1/4	2,826.77	1/4	3,190.03	1/4	3,552.59
1/2	303.56	1/2	667.40	1/2	1,025.67	1/2	1,384.05	1/2	1,747.73	1/2	2,109.90	1/2	2,471.14	1/2	2,834.34	1/2	3,197.59	1/2	3,560.14
3/4	311.14	3/4	674.98	3/4	1,033.02	3/4	1,391.63	3/4	1,755.30	3/4	2,117.41	3/4	2,478.68	3/4	2,841.90	3/4	3,205.16	3/4	3,567.69
10	318.72	10	682.57	10	1,040.37	10	1,399.21	10	1,762.88	10	2,124.92	10	2,486.22	10	2,849.47	10	3,212.73	10	3,575.24
1/4	326.30	1/4	690.15	1/4	1,047.71	1/4	1,406.78	1/4	1,770.45	1/4	2,132.44	1/4	2,493.76	1/4	2,857.04	1/4	3,220.29	1/4	3,582.80
1/2	333.88	1/2	697.73	1/2	1,055.06	1/2	1,414.36	1/2	1,778.03	1/2	2,139.95	1/2	2,501.30	1/2	2,864.61	1/2	3,227.86	1/2	3,590.35
3/4	341.46	3/4	705.31	3/4	1,062.41	3/4	1,421.94	3/4	1,785.61	3/4	2,147.47	3/4	2,508.83	3/4	2,872.18	3/4	3,235.43	3/4	3,597.91
11	349.04	11	712.89	11	1,069.76	11	1,429.51	11	1,793.18	11	2,154.98	11	2,516.37	11	2,879.75	11	3,242.99	11	3,605.47
1/4	356.62	1/4	720.47	1/4	1,077.11	1/4	1,437.09	1/4	1,800.76	1/4	2,162.49	1/4	2,523.93	1/4	2,887.32	1/4	3,250.56	1/4	3,612.46
1/2	364.20	1/2	728.05	1/2	1,084.46	1/2	1,444.67	1/2	1,808.34	1/2	2,170.01	1/2	2,531.49	1/2	2,894.89	1/2	3,258.13	1/2	3,619.44
3/4	371.78	3/4	735.63	3/4	1,091.81	3/4	1,452.24	3/4	1,815.91	3/4	2,177.52	3/4	2,539.04	3/4	2,902.46	3/4	3,265.69	3/4	3,626.43

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 341"

3 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	3,633.41	0	3,887.38	0	4,137.06	0	4,373.92	0	4,602.71	0		0		0		0		0	
1/4	3,639.24	1/4	3,892.63	1/4	4,142.14	1/4	4,378.69	1/4	4,607.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,645.07	1/2	3,897.87	1/2	4,147.22	1/2	4,383.46	1/2	4,613.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,650.90	3/4	3,903.11	3/4	4,152.29	3/4	4,388.24	3/4	4,618.32	3/4		3/4		3/4		3/4		3/4	
1	3,656.73	1	3,908.35	1	4,157.37	1	4,393.01	1	4,623.52	1		1		1		1		1	
1/4	3,661.97	1/4	3,913.59	1/4	4,162.42	1/4	4,397.75	1/4	4,628.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,667.21	1/2	3,918.84	1/2	4,167.48	1/2	4,402.49	1/2	4,633.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.45	3/4	3,924.08	3/4	4,172.53	3/4	4,407.22	3/4	4,637.99	3/4		3/4		3/4		3/4		3/4	
2	3,677.70	2	3,929.32	2	4,177.59	2	4,411.96	2	4,642.81	2		2		2		2		2	
1/4	3,682.94	1/4	3,934.56	1/4	4,182.61	1/4	4,416.66	1/4	4,646.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,688.18	1/2	3,939.81	1/2	4,187.64	1/2	4,421.36	1/2	4,650.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,693.42	3/4	3,945.05	3/4	4,192.66	3/4	4,426.06	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,698.66	3	3,950.29	3	4,197.68	3	4,430.76	3		3		3		3		3		3	
1/4	3,703.91	1/4	3,955.53	1/4	4,202.67	1/4	4,435.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,709.15	1/2	3,960.77	1/2	4,207.67	1/2	4,440.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,714.39	3/4	3,966.02	3/4	4,212.66	3/4	4,444.79	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,719.63	4	3,971.26	4	4,217.65	4	4,449.47	4		4		4		4		4		4	
1/4	3,724.88	1/4	3,976.50	1/4	4,222.61	1/4	4,454.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.12	1/2	3,981.74	1/2	4,227.58	1/2	4,458.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,735.36	3/4	3,986.99	3/4	4,232.54	3/4	4,463.43	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,740.60	5	3,992.23	5	4,237.51	5	4,468.09	5		5		5		5		5		5	
1/4	3,745.84	1/4	3,997.47	1/4	4,242.45	1/4	4,472.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,751.09	1/2	4,002.70	1/2	4,247.39	1/2	4,477.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.33	3/4	4,007.94	3/4	4,252.33	3/4	4,481.98	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,761.57	6	4,013.18	6	4,257.27	6	4,486.61	6		6		6		6		6		6	
1/4	3,766.81	1/4	4,018.40	1/4	4,262.19	1/4	4,491.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,772.06	1/2	4,023.62	1/2	4,267.11	1/2	4,495.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,777.30	3/4	4,028.84	3/4	4,272.03	3/4	4,500.43	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,782.54	7	4,034.07	7	4,276.95	7	4,505.03	7		7		7		7		7		7	
1/4	3,787.78	1/4	4,039.26	1/4	4,281.84	1/4	4,509.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,793.02	1/2	4,044.46	1/2	4,286.74	1/2	4,514.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.27	3/4	4,049.66	3/4	4,291.63	3/4	4,518.77	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,803.51	8	4,054.86	8	4,296.53	8	4,523.35	8		8		8		8		8		8	
1/4	3,808.75	1/4	4,060.04	1/4	4,301.40	1/4	4,527.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,813.99	1/2	4,065.21	1/2	4,306.27	1/2	4,532.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.24	3/4	4,070.39	3/4	4,311.14	3/4	4,537.03	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,824.48	9	4,075.56	9	4,316.02	9	4,541.58	9		9		9		9		9		9	
1/4	3,829.72	1/4	4,080.71	1/4	4,320.87	1/4	4,546.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.96	1/2	4,085.86	1/2	4,325.71	1/2	4,551.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,840.20	3/4	4,091.01	3/4	4,330.56	3/4	4,556.21	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,845.45	10	4,096.16	10	4,335.41	10	4,561.08	10		10		10		10		10		10	
1/4	3,850.69	1/4	4,101.29	1/4	4,340.24	1/4	4,566.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,855.93	1/2	4,106.41	1/2	4,345.06	1/2	4,571.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,861.17	3/4	4,111.53	3/4	4,349.89	3/4	4,576.69	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,866.41	11	4,116.66	11	4,354.72	11	4,581.90	11		11		11		11		11		11	
1/4	3,871.66	1/4	4,121.76	1/4	4,359.52	1/4	4,587.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,876.90	1/2	4,126.86	1/2	4,364.32	1/2	4,592.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,882.14	3/4	4,131.96	3/4	4,369.12	3/4	4,597.51	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 341"

3 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	25.06	0	380.15	0	744.94	0	1,109.23	0	1,473.98	0	1,838.78	0	2,203.58	0	2,568.38	0	2,932.93	0	3,297.29
1/4	30.76	1/4	387.75	1/4	752.54	1/4	1,116.82	1/4	1,481.58	1/4	1,846.38	1/4	2,211.18	1/4	2,575.98	1/4	2,940.52	1/4	3,304.88
1/2	36.46	1/2	395.35	1/2	760.14	1/2	1,124.41	1/2	1,489.18	1/2	1,853.98	1/2	2,218.78	1/2	2,583.58	1/2	2,948.11	1/2	3,312.47
3/4	42.16	3/4	402.95	3/4	767.73	3/4	1,132.01	3/4	1,496.78	3/4	1,861.58	3/4	2,226.38	3/4	2,591.18	3/4	2,955.71	3/4	3,320.06
1	47.86	1	410.55	1	775.33	1	1,139.60	1	1,504.38	1	1,869.18	1	2,233.98	1	2,598.78	1	2,963.30	1	3,327.65
1/4	54.97	1/4	418.15	1/4	782.93	1/4	1,147.19	1/4	1,511.98	1/4	1,876.78	1/4	2,241.58	1/4	2,606.38	1/4	2,970.89	1/4	3,335.23
1/2	62.07	1/2	425.75	1/2	790.53	1/2	1,154.79	1/2	1,519.58	1/2	1,884.38	1/2	2,249.18	1/2	2,613.98	1/2	2,978.49	1/2	3,342.81
3/4	69.18	3/4	433.35	3/4	798.13	3/4	1,162.39	3/4	1,527.18	3/4	1,891.98	3/4	2,256.78	3/4	2,621.58	3/4	2,986.08	3/4	3,350.39
2	76.28	2	440.95	2	805.73	2	1,169.98	2	1,534.78	2	1,899.58	2	2,264.38	2	2,629.18	2	2,993.67	2	3,357.97
1/4	83.86	1/4	448.55	1/4	813.33	1/4	1,177.58	1/4	1,542.38	1/4	1,907.18	1/4	2,271.98	1/4	2,636.78	1/4	3,001.26	1/4	3,365.54
1/2	91.44	1/2	456.15	1/2	820.93	1/2	1,185.18	1/2	1,549.98	1/2	1,914.78	1/2	2,279.58	1/2	2,644.38	1/2	3,008.86	1/2	3,373.11
3/4	99.01	3/4	463.75	3/4	828.53	3/4	1,192.78	3/4	1,557.58	3/4	1,922.38	3/4	2,287.18	3/4	2,651.98	3/4	3,016.45	3/4	3,380.68
3	106.59	3	471.35	3	836.13	3	1,200.38	3	1,565.18	3	1,929.98	3	2,294.78	3	2,659.58	3	3,024.04	3	3,388.25
1/4	114.18	1/4	478.95	1/4	843.73	1/4	1,207.98	1/4	1,572.78	1/4	1,937.58	1/4	2,302.38	1/4	2,667.18	1/4	3,031.63	1/4	3,395.82
1/2	121.77	1/2	486.55	1/2	851.32	1/2	1,215.58	1/2	1,580.38	1/2	1,945.18	1/2	2,309.98	1/2	2,674.77	1/2	3,039.23	1/2	3,403.38
3/4	129.37	3/4	494.15	3/4	858.91	3/4	1,223.18	3/4	1,587.98	3/4	1,952.78	3/4	2,317.58	3/4	2,682.37	3/4	3,046.82	3/4	3,410.95
4	136.96	4	501.75	4	866.51	4	1,230.78	4	1,595.58	4	1,960.38	4	2,325.18	4	2,689.96	4	3,054.41	4	3,418.52
1/4	144.56	1/4	509.35	1/4	874.09	1/4	1,238.38	1/4	1,603.18	1/4	1,967.98	1/4	2,332.78	1/4	2,697.56	1/4	3,062.00	1/4	3,426.09
1/2	152.16	1/2	516.94	1/2	881.67	1/2	1,245.98	1/2	1,610.78	1/2	1,975.58	1/2	2,340.38	1/2	2,705.15	1/2	3,069.59	1/2	3,433.66
3/4	159.76	3/4	524.54	3/4	889.26	3/4	1,253.58	3/4	1,618.38	3/4	1,983.18	3/4	2,347.98	3/4	2,712.74	3/4	3,077.18	3/4	3,441.23
5	167.36	5	532.14	5	896.84	5	1,261.18	5	1,625.98	5	1,990.78	5	2,355.58	5	2,720.33	5	3,084.77	5	3,448.80
1/4	174.96	1/4	539.74	1/4	904.43	1/4	1,268.78	1/4	1,633.58	1/4	1,998.38	1/4	2,363.18	1/4	2,727.93	1/4	3,092.36	1/4	3,456.37
1/2	182.56	1/2	547.34	1/2	912.01	1/2	1,276.38	1/2	1,641.18	1/2	2,005.98	1/2	2,370.78	1/2	2,735.52	1/2	3,099.95	1/2	3,463.94
3/4	190.16	3/4	554.94	3/4	919.60	3/4	1,283.98	3/4	1,648.78	3/4	2,013.58	3/4	2,378.38	3/4	2,743.11	3/4	3,107.54	3/4	3,471.51
6	197.76	6	562.54	6	927.18	6	1,291.58	6	1,656.38	6	2,021.18	6	2,385.98	6	2,750.70	6	3,115.13	6	3,479.08
1/4	205.36	1/4	570.14	1/4	934.77	1/4	1,299.18	1/4	1,663.98	1/4	2,028.78	1/4	2,393.58	1/4	2,758.30	1/4	3,122.72	1/4	3,486.65
1/2	212.96	1/2	577.74	1/2	942.35	1/2	1,306.78	1/2	1,671.58	1/2	2,036.38	1/2	2,401.18	1/2	2,765.89	1/2	3,130.31	1/2	3,494.22
3/4	220.56	3/4	585.34	3/4	949.94	3/4	1,314.38	3/4	1,679.18	3/4	2,043.98	3/4	2,408.78	3/4	2,773.48	3/4	3,137.90	3/4	3,501.79
7	228.16	7	592.94	7	957.52	7	1,321.98	7	1,686.78	7	2,051.58	7	2,416.38	7	2,781.08	7	3,145.49	7	3,509.35
1/4	235.76	1/4	600.54	1/4	965.11	1/4	1,329.58	1/4	1,694.38	1/4	2,059.18	1/4	2,423.98	1/4	2,788.67	1/4	3,153.08	1/4	3,516.92
1/2	243.36	1/2	608.14	1/2	972.69	1/2	1,337.18	1/2	1,701.98	1/2	2,066.78	1/2	2,431.58	1/2	2,796.26	1/2	3,160.67	1/2	3,524.49
3/4	250.96	3/4	615.74	3/4	980.28	3/4	1,344.78	3/4	1,709.58	3/4	2,074.38	3/4	2,439.18	3/4	2,803.85	3/4	3,168.26	3/4	3,532.06
8	258.55	8	623.34	8	987.86	8	1,352.38	8	1,717.18	8	2,081.98	8	2,446.78	8	2,811.45	8	3,175.85	8	3,539.63
1/4	266.15	1/4	630.94	1/4	995.45	1/4	1,359.98	1/4	1,724.78	1/4	2,089.58	1/4	2,454.38	1/4	2,819.04	1/4	3,183.44	1/4	3,547.20
1/2	273.75	1/2	638.54	1/2	1,003.03	1/2	1,367.58	1/2	1,732.38	1/2	2,097.18	1/2	2,461.98	1/2	2,826.63	1/2	3,191.03	1/2	3,554.77
3/4	281.35	3/4	646.14	3/4	1,010.61	3/4	1,375.18	3/4	1,739.98	3/4	2,104.78	3/4	2,469.58	3/4	2,834.22	3/4	3,198.62	3/4	3,562.34
9	288.95	9	653.74	9	1,018.20	9	1,382.78	9	1,747.58	9	2,112.38	9	2,477.18	9	2,841.82	9	3,206.21	9	3,569.91
1/4	296.55	1/4	661.34	1/4	1,025.78	1/4	1,390.38	1/4	1,755.18	1/4	2,119.98	1/4	2,484.78	1/4	2,849.41	1/4	3,213.80	1/4	3,577.48
1/2	304.15	1/2	668.94	1/2	1,033.37	1/2	1,397.98	1/2	1,762.78	1/2	2,127.58	1/2	2,492.38	1/2	2,857.00	1/2	3,221.39	1/2	3,585.05
3/4	311.75	3/4	676.54	3/4	1,040.95	3/4	1,405.58	3/4	1,770.38	3/4	2,135.18	3/4	2,499.98	3/4	2,864.59	3/4	3,228.98	3/4	3,592.62
10	319.35	10	684.14	10	1,048.54	10	1,413.18	10	1,777.98	10	2,142.78	10	2,507.58	10	2,872.19	10	3,236.57	10	3,600.19
1/4	326.95	1/4	691.74	1/4	1,056.12	1/4	1,420.78	1/4	1,785.58	1/4	2,150.38	1/4	2,515.18	1/4	2,879.78	1/4	3,244.16	1/4	3,607.76
1/2	334.55	1/2	699.34	1/2	1,063.71	1/2	1,428.38	1/2	1,793.18	1/2	2,157.98	1/2	2,522.78	1/2	2,887.37	1/2	3,251.75	1/2	3,615.33
3/4	342.15	3/4	706.94	3/4	1,071.29	3/4	1,435.98	3/4	1,800.78	3/4	2,165.58	3/4	2,530.38	3/4	2,894.97	3/4	3,259.34	3/4	3,622.89
11	349.75	11	714.54	11	1,078.88	11	1,443.58	11	1,808.38	11	2,173.18	11	2,537.98	11	2,902.56	11	3,266.93	11	3,630.46
1/4	357.35	1/4	722.14	1/4	1,086.47	1/4	1,451.18	1/4	1,815.98	1/4	2,180.78	1/4	2,545.58	1/4	2,910.15	1/4	3,274.52	1/4	3,637.46
1/2	364.95	1/2	729.74	1/2	1,094.05	1/2	1,458.78	1/2	1,823.58	1/2	2,188.38	1/2	2,553.18	1/2	2,917.74	1/2	3,282.11	1/2	3,644.45
3/4	372.55	3/4	737.34	3/4	1,101.64	3/4	1,466.38	3/4	1,831.18	3/4	2,195.98	3/4	2,560.78	3/4	2,925.34	3/4	3,289.70	3/4	3,651.45

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 341"

3 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.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,658.44	0	3,912.64	0	4,162.54	0	4,399.61	0	4,628.61	0		0		0		0		0	
1/4	3,664.28	1/4	3,917.89	1/4	4,167.63	1/4	4,404.39	1/4	4,633.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.11	1/2	3,923.14	1/2	4,172.71	1/2	4,409.17	1/2	4,639.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.95	3/4	3,928.38	3/4	4,177.79	3/4	4,413.95	3/4	4,644.23	3/4		3/4		3/4		3/4		3/4	
1	3,681.78	1	3,933.63	1	4,182.87	1	4,418.72	1	4,649.44	1		1		1		1		1	
1/4	3,687.03	1/4	3,938.88	1/4	4,187.93	1/4	4,423.47	1/4	4,654.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,692.27	1/2	3,944.12	1/2	4,192.99	1/2	4,428.21	1/2	4,659.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,697.52	3/4	3,949.37	3/4	4,198.05	3/4	4,432.95	3/4	4,663.92	3/4		3/4		3/4		3/4		3/4	
2	3,702.77	2	3,954.62	2	4,203.11	2	4,437.69	2	4,668.75	2		2		2		2		2	
1/4	3,708.01	1/4	3,959.87	1/4	4,208.14	1/4	4,442.39	1/4	4,672.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,713.26	1/2	3,965.11	1/2	4,213.17	1/2	4,447.10	1/2	4,676.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,718.51	3/4	3,970.36	3/4	4,218.19	3/4	4,451.80	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,723.75	3	3,975.61	3	4,223.22	3	4,456.51	3		3		3		3		3		3	
1/4	3,729.00	1/4	3,980.85	1/4	4,228.22	1/4	4,461.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.25	1/2	3,986.10	1/2	4,233.21	1/2	4,465.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,739.50	3/4	3,991.35	3/4	4,238.21	3/4	4,470.55	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,744.74	4	3,996.59	4	4,243.20	4	4,475.23	4		4		4		4		4		4	
1/4	3,749.99	1/4	4,001.84	1/4	4,248.17	1/4	4,479.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,755.24	1/2	4,007.09	1/2	4,253.14	1/2	4,484.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.48	3/4	4,012.33	3/4	4,258.11	3/4	4,489.21	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,765.73	5	4,017.58	5	4,263.08	5	4,493.86	5		5		5		5		5		5	
1/4	3,770.98	1/4	4,022.82	1/4	4,268.03	1/4	4,498.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.22	1/2	4,028.07	1/2	4,272.97	1/2	4,503.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.47	3/4	4,033.31	3/4	4,277.92	3/4	4,507.77	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,786.72	6	4,038.55	6	4,282.86	6	4,512.40	6		6		6		6		6		6	
1/4	3,791.96	1/4	4,043.78	1/4	4,287.79	1/4	4,517.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,797.21	1/2	4,049.00	1/2	4,292.71	1/2	4,521.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,802.46	3/4	4,054.23	3/4	4,297.63	3/4	4,526.23	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,807.70	7	4,059.46	7	4,302.56	7	4,530.84	7		7		7		7		7		7	
1/4	3,812.95	1/4	4,064.66	1/4	4,307.45	1/4	4,535.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,818.20	1/2	4,069.86	1/2	4,312.35	1/2	4,540.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,823.45	3/4	4,075.07	3/4	4,317.25	3/4	4,544.59	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,828.69	8	4,080.27	8	4,322.15	8	4,549.18	8		8		8		8		8		8	
1/4	3,833.94	1/4	4,085.45	1/4	4,327.03	1/4	4,553.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,839.19	1/2	4,090.63	1/2	4,331.91	1/2	4,558.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.43	3/4	4,095.81	3/4	4,336.78	3/4	4,562.86	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,849.68	9	4,100.99	9	4,341.66	9	4,567.43	9		9		9		9		9		9	
1/4	3,854.93	1/4	4,106.15	1/4	4,346.51	1/4	4,572.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,860.17	1/2	4,111.30	1/2	4,351.37	1/2	4,577.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.42	3/4	4,116.46	3/4	4,356.22	3/4	4,582.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,870.67	10	4,121.61	10	4,361.07	10	4,586.94	10		10		10		10		10		10	
1/4	3,875.91	1/4	4,126.74	1/4	4,365.90	1/4	4,592.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,881.16	1/2	4,131.87	1/2	4,370.73	1/2	4,597.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.41	3/4	4,137.00	3/4	4,375.56	3/4	4,602.57	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,891.66	11	4,142.12	11	4,380.39	11	4,607.77	11		11		11		11		11		11	
1/4	3,896.90	1/4	4,147.23	1/4	4,385.20	1/4	4,612.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,902.15	1/2	4,152.33	1/2	4,390.00	1/2	4,618.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,907.40	3/4	4,157.44	3/4	4,394.81	3/4	4,623.40	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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