



BARGE "CTCo 338"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 236'-03"

April 2, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 338"

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	325.90	0	684.18	0	1,049.73	0	1,416.51	0	1,783.78	0	2,151.05	0	2,518.32	0	2,885.59	0	3,252.73
1/4	28.01	1/4	332.97	1/4	691.83	1/4	1,057.34	1/4	1,424.16	1/4	1,791.43	1/4	2,158.70	1/4	2,525.97	1/4	2,893.24	1/4	3,260.38
1/2	32.50	1/2	340.03	1/2	699.48	1/2	1,064.95	1/2	1,431.81	1/2	1,799.08	1/2	2,166.35	1/2	2,533.62	1/2	2,900.90	1/2	3,268.03
3/4	36.99	3/4	347.09	3/4	707.13	3/4	1,072.55	3/4	1,439.46	3/4	1,806.73	3/4	2,174.00	3/4	2,541.28	3/4	2,908.55	3/4	3,275.68
1	41.48	1	354.15	1	714.78	1	1,080.16	1	1,447.11	1	1,814.38	1	2,181.65	1	2,548.93	1	2,916.20	1	3,283.32
1/4	47.04	1/4	361.30	1/4	722.43	1/4	1,087.78	1/4	1,454.76	1/4	1,822.03	1/4	2,189.31	1/4	2,556.58	1/4	2,923.85	1/4	3,290.97
1/2	52.59	1/2	368.45	1/2	730.09	1/2	1,095.39	1/2	1,462.41	1/2	1,829.69	1/2	2,196.96	1/2	2,564.23	1/2	2,931.50	1/2	3,298.62
3/4	58.14	3/4	375.60	3/4	737.74	3/4	1,103.01	3/4	1,470.07	3/4	1,837.34	3/4	2,204.61	3/4	2,571.88	3/4	2,939.15	3/4	3,306.27
2	63.70	2	382.76	2	745.39	2	1,110.62	2	1,477.72	2	1,844.99	2	2,212.26	2	2,579.53	2	2,946.80	2	3,313.91
1/4	69.82	1/4	390.00	1/4	753.04	1/4	1,118.24	1/4	1,485.37	1/4	1,852.64	1/4	2,219.91	1/4	2,587.18	1/4	2,954.46	1/4	3,321.56
1/2	75.93	1/2	397.24	1/2	760.69	1/2	1,125.87	1/2	1,493.02	1/2	1,860.29	1/2	2,227.56	1/2	2,594.84	1/2	2,962.11	1/2	3,329.21
3/4	82.05	3/4	404.48	3/4	768.34	3/4	1,133.49	3/4	1,500.67	3/4	1,867.94	3/4	2,235.22	3/4	2,602.49	3/4	2,969.76	3/4	3,336.86
3	88.17	3	411.73	3	775.99	3	1,141.11	3	1,508.32	3	1,875.59	3	2,242.87	3	2,610.14	3	2,977.41	3	3,344.50
1/4	94.39	1/4	419.06	1/4	783.62	1/4	1,148.75	1/4	1,515.97	1/4	1,883.25	1/4	2,250.52	1/4	2,617.79	1/4	2,985.06	1/4	3,352.15
1/2	100.62	1/2	426.39	1/2	791.24	1/2	1,156.38	1/2	1,523.63	1/2	1,890.90	1/2	2,258.17	1/2	2,625.44	1/2	2,992.71	1/2	3,359.80
3/4	106.85	3/4	433.73	3/4	798.87	3/4	1,164.02	3/4	1,531.28	3/4	1,898.55	3/4	2,265.82	3/4	2,633.09	3/4	3,000.36	3/4	3,367.45
4	113.07	4	441.06	4	806.50	4	1,171.66	4	1,538.93	4	1,906.20	4	2,273.47	4	2,640.74	4	3,008.01	4	3,375.09
1/4	119.40	1/4	448.49	1/4	814.10	1/4	1,179.31	1/4	1,546.58	1/4	1,913.85	1/4	2,281.12	1/4	2,648.40	1/4	3,015.66	1/4	3,382.74
1/2	125.72	1/2	455.91	1/2	821.70	1/2	1,186.96	1/2	1,554.23	1/2	1,921.50	1/2	2,288.78	1/2	2,656.05	1/2	3,023.31	1/2	3,390.39
3/4	132.05	3/4	463.33	3/4	829.30	3/4	1,194.61	3/4	1,561.88	3/4	1,929.16	3/4	2,296.43	3/4	2,663.70	3/4	3,030.96	3/4	3,398.04
5	138.37	5	470.76	5	836.90	5	1,202.26	5	1,569.54	5	1,936.81	5	2,304.08	5	2,671.35	5	3,038.60	5	3,405.68
1/4	144.80	1/4	478.27	1/4	844.50	1/4	1,209.91	1/4	1,577.19	1/4	1,944.46	1/4	2,311.73	1/4	2,679.00	1/4	3,046.25	1/4	3,413.33
1/2	151.22	1/2	485.79	1/2	852.10	1/2	1,217.57	1/2	1,584.84	1/2	1,952.11	1/2	2,319.38	1/2	2,686.65	1/2	3,053.90	1/2	3,420.98
3/4	157.64	3/4	493.30	3/4	859.70	3/4	1,225.22	3/4	1,592.49	3/4	1,959.76	3/4	2,327.03	3/4	2,694.31	3/4	3,061.55	3/4	3,428.63
6	164.06	6	500.82	6	867.30	6	1,232.87	6	1,600.14	6	1,967.41	6	2,334.68	6	2,701.96	6	3,069.19	6	3,436.27
1/4	170.58	1/4	508.41	1/4	874.90	1/4	1,240.52	1/4	1,607.79	1/4	1,975.06	1/4	2,342.34	1/4	2,709.61	1/4	3,076.84	1/4	3,443.92
1/2	177.10	1/2	516.01	1/2	882.50	1/2	1,248.17	1/2	1,615.44	1/2	1,982.72	1/2	2,349.99	1/2	2,717.26	1/2	3,084.49	1/2	3,451.57
3/4	183.61	3/4	523.60	3/4	890.10	3/4	1,255.82	3/4	1,623.10	3/4	1,990.37	3/4	2,357.64	3/4	2,724.91	3/4	3,092.14	3/4	3,459.22
7	190.13	7	531.20	7	897.70	7	1,263.48	7	1,630.75	7	1,998.02	7	2,365.29	7	2,732.56	7	3,099.78	7	3,466.86
1/4	196.74	1/4	538.84	1/4	905.30	1/4	1,271.13	1/4	1,638.40	1/4	2,005.67	1/4	2,372.94	1/4	2,740.21	1/4	3,107.43	1/4	3,474.51
1/2	203.34	1/2	546.48	1/2	912.91	1/2	1,278.78	1/2	1,646.05	1/2	2,013.32	1/2	2,380.59	1/2	2,747.87	1/2	3,115.08	1/2	3,482.16
3/4	209.95	3/4	554.12	3/4	920.51	3/4	1,286.43	3/4	1,653.70	3/4	2,020.97	3/4	2,388.25	3/4	2,755.52	3/4	3,122.73	3/4	3,489.81
8	216.56	8	561.76	8	928.11	8	1,294.08	8	1,661.35	8	2,028.62	8	2,395.90	8	2,763.17	8	3,130.37	8	3,497.45
1/4	223.26	1/4	569.41	1/4	935.71	1/4	1,301.73	1/4	1,669.00	1/4	2,036.28	1/4	2,403.55	1/4	2,770.82	1/4	3,138.02	1/4	3,505.10
1/2	229.95	1/2	577.06	1/2	943.31	1/2	1,309.38	1/2	1,676.66	1/2	2,043.93	1/2	2,411.20	1/2	2,778.47	1/2	3,145.67	1/2	3,512.75
3/4	236.65	3/4	584.71	3/4	950.91	3/4	1,317.04	3/4	1,684.31	3/4	2,051.58	3/4	2,418.85	3/4	2,786.12	3/4	3,153.32	3/4	3,520.40
9	243.35	9	592.36	9	958.51	9	1,324.69	9	1,691.96	9	2,059.23	9	2,426.50	9	2,793.77	9	3,160.96	9	3,528.04
1/4	250.14	1/4	600.01	1/4	966.11	1/4	1,332.34	1/4	1,699.61	1/4	2,066.88	1/4	2,434.15	1/4	2,801.43	1/4	3,168.61	1/4	3,535.68
1/2	256.93	1/2	607.66	1/2	973.71	1/2	1,339.99	1/2	1,707.26	1/2	2,074.53	1/2	2,441.81	1/2	2,809.08	1/2	3,176.26	1/2	3,543.33
3/4	263.72	3/4	615.32	3/4	981.31	3/4	1,347.64	3/4	1,714.91	3/4	2,082.19	3/4	2,449.46	3/4	2,816.73	3/4	3,183.91	3/4	3,550.97
10	270.51	10	622.97	10	988.91	10	1,355.29	10	1,722.57	10	2,089.84	10	2,457.11	10	2,824.38	10	3,191.55	10	3,558.61
1/4	277.38	1/4	630.62	1/4	996.51	1/4	1,362.94	1/4	1,730.22	1/4	2,097.49	1/4	2,464.76	1/4	2,832.03	1/4	3,199.20	1/4	3,566.24
1/2	284.26	1/2	638.27	1/2	1,004.11	1/2	1,370.60	1/2	1,737.87	1/2	2,105.14	1/2	2,472.41	1/2	2,839.68	1/2	3,206.85	1/2	3,573.88
3/4	291.14	3/4	645.92	3/4	1,011.71	3/4	1,378.25	3/4	1,745.52	3/4	2,112.79	3/4	2,480.06	3/4	2,847.34	3/4	3,214.50	3/4	3,581.52
11	298.02	11	653.57	11	1,019.31	11	1,385.90	11	1,753.17	11	2,120.44	11	2,487.71	11	2,854.99	11	3,222.14	11	3,589.15
1/4	304.99	1/4	661.22	1/4	1,026.92	1/4	1,393.55	1/4	1,760.82	1/4	2,128.09	1/4	2,495.37	1/4	2,862.64	1/4	3,229.79	1/4	3,596.79
1/2	311.96	1/2	668.87	1/2	1,034.52	1/2	1,401.20	1/2	1,768.47	1/2	2,135.75	1/2	2,503.02	1/2	2,870.29	1/2	3,237.44	1/2	3,604.42
3/4	318.93	3/4	676.53	3/4	1,042.13	3/4	1,408.85	3/4	1,776.13	3/4	2,143.40	3/4	2,510.67	3/4	2,877.94	3/4	3,245.09	3/4	3,612.06

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'-03" 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 338"

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	3,619.70	0	3,986.22	0	4,349.90	0	4,694.89	0	5,028.13	0		0		0		0		0	
1/4	3,627.33	1/4	3,993.86	1/4	4,357.30	1/4	4,701.84	1/4	5,035.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,634.97	1/2	4,001.49	1/2	4,364.69	1/2	4,708.79	1/2	5,043.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.60	3/4	4,009.13	3/4	4,372.09	3/4	4,715.75	3/4	5,050.86	3/4		3/4		3/4		3/4		3/4	
1	3,650.24	1	4,016.76	1	4,379.49	1	4,722.70	1	5,058.44	1		1		1		1		1	
1/4	3,657.88	1/4	4,024.40	1/4	4,386.85	1/4	4,729.60	1/4	5,065.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.51	1/2	4,032.03	1/2	4,394.21	1/2	4,736.50	1/2	5,072.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.15	3/4	4,039.67	3/4	4,401.57	3/4	4,743.40	3/4	5,080.03	3/4		3/4		3/4		3/4		3/4	
2	3,680.78	2	4,047.31	2	4,408.94	2	4,750.30	2	5,087.23	2		2		2		2		2	
1/4	3,688.42	1/4	4,054.94	1/4	4,416.25	1/4	4,757.14	1/4	5,093.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,696.06	1/2	4,062.58	1/2	4,423.57	1/2	4,763.99	1/2	5,099.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,703.69	3/4	4,070.21	3/4	4,430.89	3/4	4,770.84	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,711.33	3	4,077.85	3	4,438.21	3	4,777.68	3		3		3		3		3		3	
1/4	3,718.96	1/4	4,085.49	1/4	4,445.48	1/4	4,784.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,726.60	1/2	4,093.12	1/2	4,452.75	1/2	4,791.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,734.23	3/4	4,100.76	3/4	4,460.01	3/4	4,798.12	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,741.87	4	4,108.39	4	4,467.28	4	4,804.93	4		4		4		4		4		4	
1/4	3,749.51	1/4	4,116.03	1/4	4,474.52	1/4	4,811.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.14	1/2	4,123.67	1/2	4,481.75	1/2	4,818.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.78	3/4	4,131.30	3/4	4,488.98	3/4	4,825.27	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,772.41	5	4,138.94	5	4,496.21	5	4,832.05	5		5		5		5		5		5	
1/4	3,780.05	1/4	4,146.57	1/4	4,503.41	1/4	4,838.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,787.69	1/2	4,154.19	1/2	4,510.60	1/2	4,845.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,795.32	3/4	4,161.82	3/4	4,517.80	3/4	4,852.28	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,802.96	6	4,169.45	6	4,525.00	6	4,859.03	6		6		6		6		6		6	
1/4	3,810.59	1/4	4,177.06	1/4	4,532.16	1/4	4,865.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,818.23	1/2	4,184.67	1/2	4,539.32	1/2	4,872.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,825.87	3/4	4,192.27	3/4	4,546.49	3/4	4,879.15	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,833.50	7	4,199.88	7	4,553.65	7	4,885.85	7		7		7		7		7		7	
1/4	3,841.14	1/4	4,207.45	1/4	4,560.78	1/4	4,892.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,848.77	1/2	4,215.02	1/2	4,567.91	1/2	4,899.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,856.41	3/4	4,222.60	3/4	4,575.04	3/4	4,905.87	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,864.05	8	4,230.17	8	4,582.17	8	4,912.54	8		8		8		8		8		8	
1/4	3,871.68	1/4	4,237.71	1/4	4,589.27	1/4	4,919.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,879.32	1/2	4,245.25	1/2	4,596.36	1/2	4,925.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.95	3/4	4,252.79	3/4	4,603.46	3/4	4,932.46	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,894.59	9	4,260.33	9	4,610.56	9	4,939.10	9		9		9		9		9		9	
1/4	3,902.22	1/4	4,267.83	1/4	4,617.62	1/4	4,946.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,909.86	1/2	4,275.33	1/2	4,624.68	1/2	4,953.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,917.50	3/4	4,282.83	3/4	4,631.75	3/4	4,960.40	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,925.13	10	4,290.33	10	4,638.81	10	4,967.50	10		10		10		10		10		10	
1/4	3,932.77	1/4	4,297.80	1/4	4,645.84	1/4	4,975.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,940.40	1/2	4,305.26	1/2	4,652.87	1/2	4,982.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,948.04	3/4	4,312.72	3/4	4,659.89	3/4	4,990.23	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,955.68	11	4,320.18	11	4,666.92	11	4,997.81	11		11		11		11		11		11	
1/4	3,963.31	1/4	4,327.61	1/4	4,673.91	1/4	5,005.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,970.95	1/2	4,335.04	1/2	4,680.91	1/2	5,012.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,978.58	3/4	4,342.47	3/4	4,687.90	3/4	5,020.55	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2014 CL
CALCULATED: 04/04/2014 CL
PRINTED: 04/05/2014 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 338"

1 STBD 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	23.53	0	325.82	0	683.72	0	1,050.23	0	1,417.16	0	1,784.13	0	2,151.10	0	2,518.07	0	2,885.04	0	3,251.87
1/4	28.03	1/4	332.87	1/4	691.37	1/4	1,057.87	1/4	1,424.81	1/4	1,791.78	1/4	2,158.75	1/4	2,525.71	1/4	2,892.68	1/4	3,259.51
1/2	32.52	1/2	339.93	1/2	699.01	1/2	1,065.51	1/2	1,432.45	1/2	1,799.42	1/2	2,166.39	1/2	2,533.36	1/2	2,900.33	1/2	3,267.15
3/4	37.02	3/4	346.98	3/4	706.66	3/4	1,073.15	3/4	1,440.10	3/4	1,807.07	3/4	2,174.04	3/4	2,541.01	3/4	2,907.97	3/4	3,274.79
1	41.51	1	354.03	1	714.30	1	1,080.79	1	1,447.74	1	1,814.71	1	2,181.68	1	2,548.65	1	2,915.62	1	3,282.43
1/4	47.07	1/4	361.18	1/4	721.95	1/4	1,088.43	1/4	1,455.39	1/4	1,822.36	1/4	2,189.33	1/4	2,556.30	1/4	2,923.27	1/4	3,290.07
1/2	52.63	1/2	368.33	1/2	729.59	1/2	1,096.07	1/2	1,463.03	1/2	1,830.00	1/2	2,196.97	1/2	2,563.94	1/2	2,930.91	1/2	3,297.71
3/4	58.19	3/4	375.47	3/4	737.24	3/4	1,103.71	3/4	1,470.68	3/4	1,837.65	3/4	2,204.62	3/4	2,571.59	3/4	2,938.56	3/4	3,305.36
2	63.74	2	382.62	2	744.88	2	1,111.35	2	1,478.32	2	1,845.29	2	2,212.26	2	2,579.23	2	2,946.20	2	3,313.00
1/4	69.87	1/4	389.85	1/4	752.53	1/4	1,119.00	1/4	1,485.97	1/4	1,852.94	1/4	2,219.91	1/4	2,586.88	1/4	2,953.85	1/4	3,320.64
1/2	75.99	1/2	397.09	1/2	760.17	1/2	1,126.64	1/2	1,493.61	1/2	1,860.58	1/2	2,227.55	1/2	2,594.52	1/2	2,961.49	1/2	3,328.28
3/4	82.11	3/4	404.32	3/4	767.82	3/4	1,134.29	3/4	1,501.26	3/4	1,868.23	3/4	2,235.20	3/4	2,602.17	3/4	2,969.14	3/4	3,335.92
3	88.23	3	411.56	3	775.46	3	1,141.93	3	1,508.90	3	1,875.87	3	2,242.84	3	2,609.81	3	2,976.78	3	3,343.56
1/4	94.46	1/4	418.89	1/4	783.10	1/4	1,149.58	1/4	1,516.55	1/4	1,883.52	1/4	2,250.49	1/4	2,617.46	1/4	2,984.42	1/4	3,351.20
1/2	100.69	1/2	426.22	1/2	790.74	1/2	1,157.22	1/2	1,524.19	1/2	1,891.16	1/2	2,258.13	1/2	2,625.10	1/2	2,992.07	1/2	3,358.84
3/4	106.93	3/4	433.54	3/4	798.38	3/4	1,164.87	3/4	1,531.84	3/4	1,898.81	3/4	2,265.78	3/4	2,632.75	3/4	2,999.71	3/4	3,366.48
4	113.16	4	440.87	4	806.01	4	1,172.51	4	1,539.48	4	1,906.45	4	2,273.42	4	2,640.39	4	3,007.35	4	3,374.13
1/4	119.48	1/4	448.29	1/4	813.65	1/4	1,180.16	1/4	1,547.13	1/4	1,914.10	1/4	2,281.07	1/4	2,648.04	1/4	3,014.99	1/4	3,381.77
1/2	125.81	1/2	455.71	1/2	821.28	1/2	1,187.81	1/2	1,554.77	1/2	1,921.74	1/2	2,288.71	1/2	2,655.68	1/2	3,022.63	1/2	3,389.41
3/4	132.14	3/4	463.12	3/4	828.91	3/4	1,195.45	3/4	1,562.42	3/4	1,929.39	3/4	2,296.36	3/4	2,663.33	3/4	3,030.27	3/4	3,397.05
5	138.46	5	470.54	5	836.54	5	1,203.10	5	1,570.07	5	1,937.03	5	2,304.00	5	2,670.97	5	3,037.91	5	3,404.69
1/4	144.88	1/4	478.05	1/4	844.17	1/4	1,210.74	1/4	1,577.71	1/4	1,944.68	1/4	2,311.65	1/4	2,678.62	1/4	3,045.55	1/4	3,412.33
1/2	151.30	1/2	485.56	1/2	851.80	1/2	1,218.39	1/2	1,585.36	1/2	1,952.32	1/2	2,319.29	1/2	2,686.26	1/2	3,053.20	1/2	3,419.97
3/4	157.72	3/4	493.07	3/4	859.43	3/4	1,226.03	3/4	1,593.00	3/4	1,959.97	3/4	2,326.94	3/4	2,693.91	3/4	3,060.84	3/4	3,427.61
6	164.14	6	500.58	6	867.06	6	1,233.68	6	1,600.65	6	1,967.62	6	2,334.58	6	2,701.55	6	3,068.48	6	3,435.26
1/4	170.65	1/4	508.16	1/4	874.70	1/4	1,241.32	1/4	1,608.29	1/4	1,975.26	1/4	2,342.23	1/4	2,709.20	1/4	3,076.12	1/4	3,442.90
1/2	177.16	1/2	515.75	1/2	882.33	1/2	1,248.97	1/2	1,615.94	1/2	1,982.91	1/2	2,349.88	1/2	2,716.84	1/2	3,083.76	1/2	3,450.54
3/4	183.67	3/4	523.33	3/4	889.96	3/4	1,256.61	3/4	1,623.58	3/4	1,990.55	3/4	2,357.52	3/4	2,724.49	3/4	3,091.40	3/4	3,458.18
7	190.18	7	530.91	7	897.59	7	1,264.26	7	1,631.23	7	1,998.20	7	2,365.17	7	2,732.14	7	3,099.04	7	3,465.82
1/4	196.78	1/4	538.54	1/4	905.22	1/4	1,271.90	1/4	1,638.87	1/4	2,005.84	1/4	2,372.81	1/4	2,739.78	1/4	3,106.68	1/4	3,473.46
1/2	203.38	1/2	546.17	1/2	912.85	1/2	1,279.55	1/2	1,646.52	1/2	2,013.49	1/2	2,380.46	1/2	2,747.43	1/2	3,114.33	1/2	3,481.10
3/4	209.98	3/4	553.79	3/4	920.48	3/4	1,287.19	3/4	1,654.16	3/4	2,021.13	3/4	2,388.10	3/4	2,755.07	3/4	3,121.97	3/4	3,488.74
8	216.58	8	561.42	8	928.12	8	1,294.84	8	1,661.81	8	2,028.78	8	2,395.75	8	2,762.72	8	3,129.61	8	3,496.39
1/4	223.27	1/4	569.06	1/4	935.75	1/4	1,302.48	1/4	1,669.45	1/4	2,036.42	1/4	2,403.39	1/4	2,770.36	1/4	3,137.25	1/4	3,504.03
1/2	229.96	1/2	576.70	1/2	943.38	1/2	1,310.13	1/2	1,677.10	1/2	2,044.07	1/2	2,411.04	1/2	2,778.01	1/2	3,144.89	1/2	3,511.67
3/4	236.65	3/4	584.34	3/4	951.01	3/4	1,317.77	3/4	1,684.74	3/4	2,051.71	3/4	2,418.68	3/4	2,785.65	3/4	3,152.53	3/4	3,519.31
9	243.34	9	591.98	9	958.64	9	1,325.42	9	1,692.39	9	2,059.36	9	2,426.33	9	2,793.30	9	3,160.17	9	3,526.95
1/4	250.12	1/4	599.63	1/4	966.27	1/4	1,333.06	1/4	1,700.03	1/4	2,067.00	1/4	2,433.97	1/4	2,800.94	1/4	3,167.81	1/4	3,534.59
1/2	256.91	1/2	607.27	1/2	973.90	1/2	1,340.71	1/2	1,707.68	1/2	2,074.65	1/2	2,441.62	1/2	2,808.59	1/2	3,175.45	1/2	3,542.23
3/4	263.69	3/4	614.92	3/4	981.53	3/4	1,348.35	3/4	1,715.32	3/4	2,082.29	3/4	2,449.26	3/4	2,816.23	3/4	3,183.10	3/4	3,549.87
10	270.47	10	622.56	10	989.17	10	1,356.00	10	1,722.97	10	2,089.94	10	2,456.91	10	2,823.88	10	3,190.74	10	3,557.51
1/4	277.34	1/4	630.21	1/4	996.80	1/4	1,363.64	1/4	1,730.61	1/4	2,097.58	1/4	2,464.55	1/4	2,831.52	1/4	3,198.38	1/4	3,565.16
1/2	284.22	1/2	637.85	1/2	1,004.43	1/2	1,371.29	1/2	1,738.26	1/2	2,105.23	1/2	2,472.20	1/2	2,839.17	1/2	3,206.02	1/2	3,572.80
3/4	291.09	3/4	645.50	3/4	1,012.06	3/4	1,378.94	3/4	1,745.90	3/4	2,112.87	3/4	2,479.84	3/4	2,846.81	3/4	3,213.66	3/4	3,580.44
11	297.96	11	653.14	11	1,019.69	11	1,386.58	11	1,753.55	11	2,120.52	11	2,487.49	11	2,854.46	11	3,221.30	11	3,588.08
1/4	304.93	1/4	660.79	1/4	1,027.33	1/4	1,394.23	1/4	1,761.19	1/4	2,128.16	1/4	2,495.13	1/4	2,862.10	1/4	3,228.94	1/4	3,595.72
1/2	311.89	1/2	668.43	1/2	1,034.96	1/2	1,401.87	1/2	1,768.84	1/2	2,135.81	1/2	2,502.78	1/2	2,869.75	1/2	3,236.58	1/2	3,603.36
3/4	318.85	3/4	676.08	3/4	1,042.60	3/4	1,409.52	3/4	1,776.49	3/4	2,143.45	3/4	2,510.42	3/4	2,877.39	3/4	3,244.23	3/4	3,611.00

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

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





BARGE "CTCo 338"

**1 STBD
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	3,618.64	0	3,985.42	0	4,349.35	0	4,694.58	0	5,028.05	0		0		0		0		0	
1/4	3,626.29	1/4	3,993.06	1/4	4,356.76	1/4	4,701.54	1/4	5,035.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,633.93	1/2	4,000.70	1/2	4,364.16	1/2	4,708.50	1/2	5,043.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,641.57	3/4	4,008.35	3/4	4,371.56	3/4	4,715.45	3/4	5,050.80	3/4		3/4		3/4		3/4		3/4	
1	3,649.21	1	4,015.99	1	4,378.96	1	4,722.41	1	5,058.39	1		1		1		1		1	
1/4	3,656.85	1/4	4,023.63	1/4	4,386.33	1/4	4,729.32	1/4	5,065.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,664.49	1/2	4,031.27	1/2	4,393.69	1/2	4,736.22	1/2	5,072.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.13	3/4	4,038.91	3/4	4,401.06	3/4	4,743.13	3/4	5,079.99	3/4		3/4		3/4		3/4		3/4	
2	3,679.77	2	4,046.55	2	4,408.43	2	4,750.03	2	5,087.19	2		2		2		2		2	
1/4	3,687.42	1/4	4,054.19	1/4	4,415.75	1/4	4,756.88	1/4	5,093.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,695.06	1/2	4,061.83	1/2	4,423.07	1/2	4,763.73	1/2	5,099.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,702.70	3/4	4,069.48	3/4	4,430.40	3/4	4,770.58	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,710.34	3	4,077.12	3	4,437.72	3	4,777.43	3		3		3		3		3		3	
1/4	3,717.98	1/4	4,084.76	1/4	4,444.99	1/4	4,784.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,725.62	1/2	4,092.40	1/2	4,452.27	1/2	4,791.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,733.26	3/4	4,100.04	3/4	4,459.54	3/4	4,797.89	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,740.90	4	4,107.68	4	4,466.82	4	4,804.70	4		4		4		4		4		4	
1/4	3,748.54	1/4	4,115.32	1/4	4,474.05	1/4	4,811.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.19	1/2	4,122.96	1/2	4,481.29	1/2	4,818.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.83	3/4	4,130.60	3/4	4,488.53	3/4	4,825.05	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,771.47	5	4,138.25	5	4,495.76	5	4,831.84	5		5		5		5		5		5	
1/4	3,779.11	1/4	4,145.88	1/4	4,502.96	1/4	4,838.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.75	1/2	4,153.51	1/2	4,510.17	1/2	4,845.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,794.39	3/4	4,161.15	3/4	4,517.37	3/4	4,852.09	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,802.03	6	4,168.78	6	4,524.57	6	4,858.83	6		6		6		6		6		6	
1/4	3,809.67	1/4	4,176.39	1/4	4,531.74	1/4	4,865.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.32	1/2	4,184.00	1/2	4,538.91	1/2	4,872.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,824.96	3/4	4,191.61	3/4	4,546.08	3/4	4,878.97	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,832.60	7	4,199.23	7	4,553.25	7	4,885.68	7		7		7		7		7		7	
1/4	3,840.24	1/4	4,206.80	1/4	4,560.38	1/4	4,892.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,847.88	1/2	4,214.38	1/2	4,567.52	1/2	4,899.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,855.52	3/4	4,221.96	3/4	4,574.65	3/4	4,905.71	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,863.16	8	4,229.54	8	4,581.79	8	4,912.39	8		8		8		8		8		8	
1/4	3,870.80	1/4	4,237.08	1/4	4,588.89	1/4	4,919.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,878.45	1/2	4,244.63	1/2	4,595.99	1/2	4,925.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.09	3/4	4,252.17	3/4	4,603.09	3/4	4,932.32	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,893.73	9	4,259.72	9	4,610.19	9	4,938.96	9		9		9		9		9		9	
1/4	3,901.37	1/4	4,267.22	1/4	4,617.26	1/4	4,946.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,909.01	1/2	4,274.73	1/2	4,624.33	1/2	4,953.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,916.65	3/4	4,282.24	3/4	4,631.39	3/4	4,960.28	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,924.29	10	4,289.74	10	4,638.46	10	4,967.38	10		10		10		10		10		10	
1/4	3,931.93	1/4	4,297.21	1/4	4,645.50	1/4	4,974.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,939.57	1/2	4,304.68	1/2	4,652.53	1/2	4,982.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,947.22	3/4	4,312.15	3/4	4,659.56	3/4	4,990.13	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,954.86	11	4,319.62	11	4,666.60	11	4,997.72	11		11		11		11		11		11	
1/4	3,962.50	1/4	4,327.05	1/4	4,673.59	1/4	5,005.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,970.14	1/2	4,334.49	1/2	4,680.59	1/2	5,012.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,977.78	3/4	4,341.92	3/4	4,687.59	3/4	5,020.47	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2014 CL
CALCULATED: 04/04/2014 CL
PRINTED: 04/05/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CTCo 338"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	23.69	0	358.94	0	703.36	0	1,037.46	0	1,377.85	0	1,722.29	0	2,066.72	0	2,411.15	0	2,755.59	0	3,099.86		
1/4	29.07	1/4	366.12	1/4	710.54	1/4	1,044.34	1/4	1,385.03	1/4	1,729.46	1/4	2,073.90	1/4	2,418.33	1/4	2,762.76	1/4	3,107.04		
1/2	34.45	1/2	373.30	1/2	717.71	1/2	1,051.22	1/2	1,392.21	1/2	1,736.64	1/2	2,081.07	1/2	2,425.51	1/2	2,769.94	1/2	3,114.21		
3/4	39.83	3/4	380.47	3/4	724.89	3/4	1,058.10	3/4	1,399.38	3/4	1,743.81	3/4	2,088.25	3/4	2,432.68	3/4	2,777.12	3/4	3,121.38		
1	45.21	1	387.65	1	732.07	1	1,064.98	1	1,406.56	1	1,750.99	1	2,095.42	1	2,439.86	1	2,814.29	1	3,128.55		
1/4	51.92	1/4	394.82	1/4	739.24	1/4	1,071.87	1/4	1,413.73	1/4	1,758.17	1/4	2,102.60	1/4	2,447.03	1/4	2,791.47	1/4	3,135.72		
1/2	58.63	1/2	402.00	1/2	746.42	1/2	1,078.75	1/2	1,420.91	1/2	1,765.34	1/2	2,109.78	1/2	2,454.21	1/2	2,798.64	1/2	3,142.89		
3/4	65.34	3/4	409.17	3/4	753.59	3/4	1,085.64	3/4	1,428.08	3/4	1,772.52	3/4	2,116.95	3/4	2,461.38	3/4	2,805.82	3/4	3,150.07		
2	72.04	2	416.35	2	760.77	2	1,092.52	2	1,435.26	2	1,779.69	2	2,124.13	2	2,468.56	2	2,812.99	2	3,157.24		
1/4	79.20	1/4	423.52	1/4	767.94	1/4	1,099.42	1/4	1,442.43	1/4	1,786.87	1/4	2,131.30	1/4	2,475.74	1/4	2,820.17	1/4	3,164.41		
1/2	86.35	1/2	430.70	1/2	775.12	1/2	1,106.31	1/2	1,449.61	1/2	1,794.04	1/2	2,138.48	1/2	2,482.91	1/2	2,827.34	1/2	3,171.58		
3/4	93.50	3/4	437.87	3/4	782.29	3/4	1,113.20	3/4	1,456.79	3/4	1,801.22	3/4	2,145.65	3/4	2,490.09	3/4	2,834.52	3/4	3,178.75		
3	100.66	3	445.05	3	789.47	3	1,120.09	3	1,463.96	3	1,808.40	3	2,152.83	3	2,497.26	3	2,841.70	3	3,185.92		
1/4	107.83	1/4	452.23	1/4	796.49	1/4	1,127.13	1/4	1,471.14	1/4	1,815.57	1/4	2,160.00	1/4	2,504.44	1/4	2,848.87	1/4	3,193.10		
1/2	115.00	1/2	459.40	1/2	803.52	1/2	1,134.16	1/2	1,478.31	1/2	1,822.75	1/2	2,167.18	1/2	2,511.61	1/2	2,856.03	1/2	3,200.27		
3/4	122.17	3/4	466.58	3/4	810.54	3/4	1,141.20	3/4	1,485.49	3/4	1,829.92	3/4	2,174.36	3/4	2,518.79	3/4	2,863.20	3/4	3,207.44		
4	129.33	4	473.75	4	817.56	4	1,148.23	4	1,492.66	4	1,837.10	4	2,181.53	4	2,525.97	4	2,870.37	4	3,214.61		
1/4	136.51	1/4	480.93	1/4	824.43	1/4	1,155.41	1/4	1,499.84	1/4	1,844.27	1/4	2,188.71	1/4	2,533.14	1/4	2,877.54	1/4	3,221.78		
1/2	143.68	1/2	488.10	1/2	831.31	1/2	1,162.58	1/2	1,507.02	1/2	1,851.45	1/2	2,195.88	1/2	2,540.32	1/2	2,884.72	1/2	3,228.95		
3/4	150.86	3/4	495.28	3/4	838.18	3/4	1,169.76	3/4	1,514.19	3/4	1,858.63	3/4	2,203.06	3/4	2,547.49	3/4	2,891.89	3/4	3,236.12		
5	158.03	5	502.45	5	845.05	5	1,176.93	5	1,521.37	5	1,865.80	5	2,210.23	5	2,554.67	5	2,899.06	5	3,243.30		
1/4	165.21	1/4	509.63	1/4	851.92	1/4	1,184.11	1/4	1,528.54	1/4	1,872.98	1/4	2,217.41	1/4	2,561.84	1/4	2,906.23	1/4	3,250.47		
1/2	172.38	1/2	516.80	1/2	858.79	1/2	1,191.29	1/2	1,535.72	1/2	1,880.15	1/2	2,224.59	1/2	2,569.02	1/2	2,913.40	1/2	3,257.64		
3/4	179.56	3/4	523.98	3/4	865.66	3/4	1,198.46	3/4	1,542.89	3/4	1,887.33	3/4	2,231.76	3/4	2,576.20	3/4	2,920.57	3/4	3,264.81		
6	186.74	6	531.15	6	872.53	6	1,205.64	6	1,550.07	6	1,894.50	6	2,238.94	6	2,583.37	6	2,927.75	6	3,271.98		
1/4	193.91	1/4	538.33	1/4	879.41	1/4	1,212.81	1/4	1,557.25	1/4	1,901.68	1/4	2,246.11	1/4	2,590.55	1/4	2,934.92	1/4	3,279.15		
1/2	201.09	1/2	545.51	1/2	886.28	1/2	1,219.99	1/2	1,564.42	1/2	1,908.86	1/2	2,253.29	1/2	2,597.72	1/2	2,942.09	1/2	3,286.33		
3/4	208.26	3/4	552.68	3/4	893.15	3/4	1,227.16	3/4	1,571.60	3/4	1,916.03	3/4	2,260.46	3/4	2,604.90	3/4	2,949.26	3/4	3,293.50		
7	215.44	7	559.86	7	900.02	7	1,234.34	7	1,578.77	7	1,923.21	7	2,267.64	7	2,612.07	7	2,956.43	7	3,300.67		
1/4	222.61	1/4	567.03	1/4	906.89	1/4	1,241.52	1/4	1,585.95	1/4	1,930.38	1/4	2,274.82	1/4	2,619.25	1/4	2,963.60	1/4	3,307.84		
1/2	229.79	1/2	574.21	1/2	913.76	1/2	1,248.69	1/2	1,593.12	1/2	1,937.56	1/2	2,281.99	1/2	2,626.43	1/2	2,970.78	1/2	3,315.01		
3/4	236.96	3/4	581.38	3/4	920.63	3/4	1,255.87	3/4	1,600.30	3/4	1,944.73	3/4	2,289.17	3/4	2,633.60	3/4	2,977.95	3/4	3,322.18		
8	244.14	8	588.56	8	927.51	8	1,263.04	8	1,607.48	8	1,951.91	8	2,296.34	8	2,640.78	8	2,985.12	8	3,329.36		
1/4	251.31	1/4	595.73	1/4	934.38	1/4	1,270.22	1/4	1,614.65	1/4	1,959.09	1/4	2,303.52	1/4	2,647.95	1/4	2,992.29	1/4	3,336.53		
1/2	258.49	1/2	602.91	1/2	941.25	1/2	1,277.39	1/2	1,621.83	1/2	1,966.26	1/2	2,310.69	1/2	2,655.13	1/2	2,999.46	1/2	3,343.70		
3/4	265.66	3/4	610.08	3/4	948.12	3/4	1,284.57	3/4	1,629.00	3/4	1,973.44	3/4	2,317.87	3/4	2,662.30	3/4	3,006.63	3/4	3,350.87		
9	272.84	9	617.26	9	954.99	9	1,291.75	9	1,636.18	9	1,980.61	9	2,325.05	9	2,669.48	9	3,013.81	9	3,358.04		
1/4	280.02	1/4	624.43	1/4	961.86	1/4	1,298.92	1/4	1,643.35	1/4	1,987.79	1/4	2,332.22	1/4	2,676.66	1/4	3,020.98	1/4	3,365.21		
1/2	287.19	1/2	631.61	1/2	968.74	1/2	1,306.10	1/2	1,650.53	1/2	1,994.96	1/2	2,339.40	1/2	2,683.83	1/2	3,028.15	1/2	3,372.39		
3/4	294.37	3/4	638.79	3/4	975.61	3/4	1,313.27	3/4	1,657.71	3/4	2,002.14	3/4	2,346.57	3/4	2,691.01	3/4	3,035.32	3/4	3,379.56		
10	301.54	10	645.96	10	982.48	10	1,320.45	10	1,664.88	10	2,009.32	10	2,353.75	10	2,698.18	10	3,042.49	10	3,386.73		
1/4	308.72	1/4	653.14	1/4	989.35	1/4	1,327.62	1/4	1,672.06	1/4	2,016.49	1/4	2,360.92	1/4	2,705.36	1/4	3,049.66	1/4	3,393.90		
1/2	315.89	1/2	660.31	1/2	996.22	1/2	1,334.80	1/2	1,679.23	1/2	2,023.67	1/2	2,368.10	1/2	2,712.53	1/2	3,056.83	1/2	3,401.07		
3/4	323.07	3/4	667.49	3/4	1,003.09	3/4	1,341.98	3/4	1,686.41	3/4	2,030.84	3/4	2,375.28	3/4	2,719.71	3/4	3,064.01	3/4	3,408.24		
11	330.24	11	674.66	11	1,009.96	11	1,349.15	11	1,693.58	11	2,038.02	11	2,382.45	11	2,726.89	11	3,071.18	11	3,415.41		
1/4	337.42	1/4	681.84	1/4	1,016.84	1/4	1,356.33	1/4	1,700.76	1/4	2,045.19	1/4	2,389.63	1/4	2,734.06	1/4	3,078.35	1/4	3,422.59		
1/2	344.59	1/2	689.01	1/2	1,023.71	1/2	1,363.50	1/2	1,707.94	1/2	2,052.37	1/2	2,396.80	1/2	2,741.24	1/2	3,085.52	1/2	3,429.76		
3/4	351.77	3/4	696.19	3/4	1,030.59	3/4	1,370.68	3/4	1,715.11	3/4	2,059.55	3/4	2,403.98	3/4	2,748.41	3/4	3,092.69	3/4	3,436.93		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO 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.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 338"

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	3,444.10	0	3,788.34	0	4,129.91	0	4,453.87	0	4,766.69	0		0		0		0		0	
1/4	3,451.27	1/4	3,795.51	1/4	4,136.86	1/4	4,460.40	1/4	4,773.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,458.44	1/2	3,802.68	1/2	4,143.81	1/2	4,466.93	1/2	4,780.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,465.62	3/4	3,809.85	3/4	4,150.75	3/4	4,473.46	3/4	4,788.03	3/4		3/4		3/4		3/4		3/4	
1	3,472.79	1	3,817.02	1	4,157.70	1	4,479.99	1	4,795.14	1		1		1		1		1	
1/4	3,479.96	1/4	3,824.20	1/4	4,164.61	1/4	4,486.47	1/4	4,801.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,487.13	1/2	3,831.37	1/2	4,171.53	1/2	4,492.94	1/2	4,808.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,494.30	3/4	3,838.54	3/4	4,178.44	3/4	4,499.42	3/4	4,815.41	3/4		3/4		3/4		3/4		3/4	
2	3,501.47	2	3,845.71	2	4,185.36	2	4,505.90	2	4,822.17	2		2		2		2		2	
1/4	3,508.65	1/4	3,852.88	1/4	4,192.23	1/4	4,512.32	1/4	4,827.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,515.82	1/2	3,860.05	1/2	4,199.10	1/2	4,518.75	1/2	4,833.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,522.99	3/4	3,867.23	3/4	4,205.97	3/4	4,525.18	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,530.16	3	3,874.40	3	4,212.85	3	4,531.60	3		3		3		3		3		3	
1/4	3,537.33	1/4	3,881.57	1/4	4,219.67	1/4	4,538.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,544.50	1/2	3,888.74	1/2	4,226.50	1/2	4,544.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,551.68	3/4	3,895.91	3/4	4,233.32	3/4	4,550.78	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,558.85	4	3,903.08	4	4,240.15	4	4,557.18	4		4		4		4		4		4	
1/4	3,566.02	1/4	3,910.26	1/4	4,246.94	1/4	4,563.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,573.19	1/2	3,917.43	1/2	4,253.73	1/2	4,569.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,580.36	3/4	3,924.60	3/4	4,260.52	3/4	4,576.27	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,587.53	5	3,931.77	5	4,267.31	5	4,582.63	5		5		5		5		5		5	
1/4	3,594.70	1/4	3,938.94	1/4	4,274.07	1/4	4,588.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,601.88	1/2	3,946.10	1/2	4,280.83	1/2	4,595.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,609.05	3/4	3,953.27	3/4	4,287.58	3/4	4,601.62	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,616.22	6	3,960.43	6	4,294.34	6	4,607.95	6		6		6		6		6		6	
1/4	3,623.39	1/4	3,967.58	1/4	4,301.07	1/4	4,614.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,630.56	1/2	3,974.72	1/2	4,307.80	1/2	4,620.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,637.73	3/4	3,981.87	3/4	4,314.52	3/4	4,626.84	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,644.91	7	3,989.01	7	4,321.25	7	4,633.14	7		7		7		7		7		7	
1/4	3,652.08	1/4	3,996.12	1/4	4,327.95	1/4	4,639.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,659.25	1/2	4,003.23	1/2	4,334.64	1/2	4,645.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.42	3/4	4,010.35	3/4	4,341.34	3/4	4,651.92	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,673.59	8	4,017.46	8	4,348.03	8	4,658.18	8		8		8		8		8		8	
1/4	3,680.76	1/4	4,024.54	1/4	4,354.69	1/4	4,664.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,687.94	1/2	4,031.62	1/2	4,361.36	1/2	4,670.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,695.11	3/4	4,038.70	3/4	4,368.02	3/4	4,676.88	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,702.28	9	4,045.78	9	4,374.68	9	4,683.11	9		9		9		9		9		9	
1/4	3,709.45	1/4	4,052.83	1/4	4,381.32	1/4	4,689.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.62	1/2	4,059.87	1/2	4,387.95	1/2	4,696.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,723.79	3/4	4,066.92	3/4	4,394.58	3/4	4,703.11	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,730.97	10	4,073.96	10	4,401.21	10	4,709.77	10		10		10		10		10		10	
1/4	3,738.14	1/4	4,080.97	1/4	4,407.81	1/4	4,716.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.31	1/2	4,087.98	1/2	4,414.41	1/2	4,724.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.48	3/4	4,094.99	3/4	4,421.01	3/4	4,731.12	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,759.65	11	4,102.00	11	4,427.61	11	4,738.23	11		11		11		11		11		11	
1/4	3,766.82	1/4	4,108.98	1/4	4,434.18	1/4	4,745.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.99	1/2	4,115.96	1/2	4,440.74	1/2	4,752.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.17	3/4	4,122.93	3/4	4,447.31	3/4	4,759.57	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2014 CL
CALCULATED: 04/04/2014 CL
PRINTED: 04/05/2014 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 338"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Gauge Height 15'-3 3/4"

Table with 19 columns representing gauge heights from 0 FT. to 9 FT. and rows representing different tank sections. Each cell contains capacity values for different gauging points (1/4, 1/2, 3/4).

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK. 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

Signature



BARGE "CTCo 338"

**2 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	3,458.01	0	3,802.25	0	4,143.82	0	4,467.78	0	4,780.60	0		0		0		0		0	
1/4	3,465.18	1/4	3,809.42	1/4	4,150.77	1/4	4,474.31	1/4	4,787.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,472.35	1/2	3,816.59	1/2	4,157.72	1/2	4,480.84	1/2	4,794.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,479.53	3/4	3,823.76	3/4	4,164.66	3/4	4,487.37	3/4	4,801.94	3/4		3/4		3/4		3/4		3/4	
1	3,486.70	1	3,830.93	1	4,171.61	1	4,493.90	1	4,809.05	1		1		1		1		1	
1/4	3,493.87	1/4	3,838.11	1/4	4,178.52	1/4	4,500.38	1/4	4,815.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,501.04	1/2	3,845.28	1/2	4,185.44	1/2	4,506.85	1/2	4,822.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,508.21	3/4	3,852.45	3/4	4,192.35	3/4	4,513.33	3/4	4,829.32	3/4		3/4		3/4		3/4		3/4	
2	3,515.38	2	3,859.62	2	4,199.27	2	4,519.81	2	4,836.08	2		2		2		2		2	
1/4	3,522.56	1/4	3,866.79	1/4	4,206.14	1/4	4,526.23	1/4	4,841.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,529.73	1/2	3,873.96	1/2	4,213.01	1/2	4,532.66	1/2	4,847.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,536.90	3/4	3,881.14	3/4	4,219.88	3/4	4,539.09	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,544.07	3	3,888.31	3	4,226.76	3	4,545.51	3		3		3		3		3		3	
1/4	3,551.24	1/4	3,895.48	1/4	4,233.58	1/4	4,551.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,558.41	1/2	3,902.65	1/2	4,240.41	1/2	4,558.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,565.59	3/4	3,909.82	3/4	4,247.23	3/4	4,564.70	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,572.76	4	3,916.99	4	4,254.06	4	4,571.09	4		4		4		4		4		4	
1/4	3,579.93	1/4	3,924.17	1/4	4,260.85	1/4	4,577.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,587.10	1/2	3,931.34	1/2	4,267.64	1/2	4,583.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,594.27	3/4	3,938.51	3/4	4,274.43	3/4	4,590.18	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,601.44	5	3,945.68	5	4,281.22	5	4,596.54	5		5		5		5		5		5	
1/4	3,608.62	1/4	3,952.85	1/4	4,287.98	1/4	4,602.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,615.79	1/2	3,960.01	1/2	4,294.74	1/2	4,609.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,622.96	3/4	3,967.18	3/4	4,301.50	3/4	4,615.53	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,630.13	6	3,974.34	6	4,308.25	6	4,621.87	6		6		6		6		6		6	
1/4	3,637.30	1/4	3,981.49	1/4	4,314.98	1/4	4,628.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,644.47	1/2	3,988.63	1/2	4,321.71	1/2	4,634.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,651.64	3/4	3,995.78	3/4	4,328.43	3/4	4,640.75	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,658.82	7	4,002.92	7	4,335.16	7	4,647.05	7		7		7		7		7		7	
1/4	3,665.99	1/4	4,010.03	1/4	4,341.86	1/4	4,653.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,673.16	1/2	4,017.14	1/2	4,348.55	1/2	4,659.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,680.33	3/4	4,024.26	3/4	4,355.25	3/4	4,665.83	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,687.50	8	4,031.37	8	4,361.94	8	4,672.09	8		8		8		8		8		8	
1/4	3,694.67	1/4	4,038.45	1/4	4,368.60	1/4	4,678.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,701.85	1/2	4,045.53	1/2	4,375.27	1/2	4,684.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,709.02	3/4	4,052.61	3/4	4,381.93	3/4	4,690.79	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,716.19	9	4,059.69	9	4,388.60	9	4,697.02	9		9		9		9		9		9	
1/4	3,723.36	1/4	4,066.74	1/4	4,066.74	1/4	4,703.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.53	1/2	4,073.78	1/2	4,401.86	1/2	4,710.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.70	3/4	4,080.83	3/4	4,408.49	3/4	4,717.02	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,744.88	10	4,087.87	10	4,415.12	10	4,723.68	10		10		10		10		10		10	
1/4	3,752.05	1/4	4,094.88	1/4	4,421.72	1/4	4,730.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,759.22	1/2	4,101.89	1/2	4,428.32	1/2	4,737.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.39	3/4	4,108.90	3/4	4,434.92	3/4	4,745.03	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,773.56	11	4,115.91	11	4,441.52	11	4,752.14	11		11		11		11		11		11	
1/4	3,780.73	1/4	4,122.89	1/4	4,448.09	1/4	4,759.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,787.91	1/2	4,129.87	1/2	4,454.65	1/2	4,766.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,795.08	3/4	4,136.85	3/4	4,461.22	3/4	4,773.48	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2014 CL
CALCULATED: 04/04/2014 CL
PRINTED: 04/05/2014 SW

CANCELS AND SUPERCEDES
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PRECISION MEASUREMENT
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BARGE "CTCo 338"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 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	25.08	0	379.99	0	744.45	0	1,100.99	0	1,462.26	0	1,826.54	0	2,188.68	0	2,550.85	0	2,914.88	0	3,278.72
1/4	30.79	1/4	387.58	1/4	752.05	1/4	1,108.36	1/4	1,469.85	1/4	1,834.13	1/4	2,196.21	1/4	2,558.44	1/4	2,922.47	1/4	3,286.30
1/2	36.49	1/2	395.17	1/2	759.64	1/2	1,115.73	1/2	1,477.44	1/2	1,841.72	1/2	2,203.74	1/2	2,566.03	1/2	2,930.05	1/2	3,293.88
3/4	42.19	3/4	402.76	3/4	767.23	3/4	1,123.09	3/4	1,485.02	3/4	1,849.31	3/4	2,211.26	3/4	2,573.62	3/4	2,937.63	3/4	3,301.46
1	47.90	1	410.36	1	774.83	1	1,130.46	1	1,492.61	1	1,856.90	1	2,218.79	1	2,581.21	1	2,945.21	1	3,309.04
1/4	55.01	1/4	417.95	1/4	782.42	1/4	1,137.83	1/4	1,500.20	1/4	1,864.48	1/4	2,226.32	1/4	2,588.80	1/4	2,952.79	1/4	3,316.61
1/2	62.12	1/2	425.54	1/2	790.01	1/2	1,145.21	1/2	1,507.79	1/2	1,872.07	1/2	2,233.84	1/2	2,596.39	1/2	2,960.38	1/2	3,324.18
3/4	69.23	3/4	433.13	3/4	797.61	3/4	1,152.58	3/4	1,515.38	3/4	1,879.66	3/4	2,241.37	3/4	2,603.98	3/4	2,967.96	3/4	3,331.75
2	76.34	2	440.73	2	805.20	2	1,159.95	2	1,522.97	2	1,887.25	2	2,248.89	2	2,611.57	2	2,975.54	2	3,339.31
1/4	83.92	1/4	448.32	1/4	812.79	1/4	1,167.33	1/4	1,530.56	1/4	1,894.84	1/4	2,256.42	1/4	2,619.15	1/4	2,983.12	1/4	3,346.87
1/2	91.50	1/2	455.91	1/2	820.39	1/2	1,174.71	1/2	1,538.15	1/2	1,902.43	1/2	2,263.95	1/2	2,626.74	1/2	2,990.70	1/2	3,354.43
3/4	99.07	3/4	463.50	3/4	827.98	3/4	1,182.09	3/4	1,545.74	3/4	1,910.02	3/4	2,271.47	3/4	2,634.33	3/4	2,998.29	3/4	3,361.99
3	106.65	3	471.09	3	835.57	3	1,189.47	3	1,553.33	3	1,917.61	3	2,279.00	3	2,641.92	3	3,005.87	3	3,369.55
1/4	114.24	1/4	478.69	1/4	843.05	1/4	1,196.95	1/4	1,560.92	1/4	1,925.17	1/4	2,286.54	1/4	2,649.51	1/4	3,013.45	1/4	3,377.11
1/2	121.84	1/2	486.28	1/2	850.53	1/2	1,204.43	1/2	1,568.51	1/2	1,932.73	1/2	2,294.08	1/2	2,657.09	1/2	3,021.03	1/2	3,384.67
3/4	129.43	3/4	493.87	3/4	858.00	3/4	1,211.92	3/4	1,576.09	3/4	1,940.28	3/4	2,301.61	3/4	2,664.68	3/4	3,028.61	3/4	3,392.22
4	137.02	4	501.46	4	865.48	4	1,219.40	4	1,583.68	4	1,947.84	4	2,309.15	4	2,672.26	4	3,036.19	4	3,399.78
1/4	144.61	1/4	509.06	1/4	872.84	1/4	1,226.99	1/4	1,591.27	1/4	1,955.37	1/4	2,316.70	1/4	2,679.85	1/4	3,043.77	1/4	3,407.34
1/2	152.21	1/2	516.65	1/2	880.20	1/2	1,234.58	1/2	1,598.86	1/2	1,962.89	1/2	2,324.25	1/2	2,687.43	1/2	3,051.35	1/2	3,414.90
3/4	159.80	3/4	524.24	3/4	887.56	3/4	1,242.17	3/4	1,606.45	3/4	1,970.42	3/4	2,331.81	3/4	2,695.01	3/4	3,058.93	3/4	3,422.46
5	167.40	5	531.84	5	894.92	5	1,249.76	5	1,614.04	5	1,977.95	5	2,339.36	5	2,702.59	5	3,066.50	5	3,430.02
1/4	174.99	1/4	539.43	1/4	902.28	1/4	1,257.35	1/4	1,621.63	1/4	1,985.47	1/4	2,346.91	1/4	2,710.17	1/4	3,074.08	1/4	3,437.57
1/2	182.58	1/2	547.02	1/2	909.63	1/2	1,264.94	1/2	1,629.22	1/2	1,993.00	1/2	2,354.46	1/2	2,717.76	1/2	3,081.66	1/2	3,445.13
3/4	190.18	3/4	554.62	3/4	916.99	3/4	1,272.53	3/4	1,636.81	3/4	2,000.53	3/4	2,362.01	3/4	2,725.34	3/4	3,089.24	3/4	3,452.69
6	197.77	6	562.21	6	924.35	6	1,280.12	6	1,644.40	6	2,008.05	6	2,369.56	6	2,732.92	6	3,096.82	6	3,460.25
1/4	205.36	1/4	569.80	1/4	931.71	1/4	1,287.71	1/4	1,651.99	1/4	2,015.58	1/4	2,377.11	1/4	2,740.50	1/4	3,104.40	1/4	3,467.81
1/2	212.96	1/2	577.40	1/2	939.07	1/2	1,295.29	1/2	1,659.58	1/2	2,023.11	1/2	2,384.66	1/2	2,748.08	1/2	3,111.98	1/2	3,475.37
3/4	220.55	3/4	584.99	3/4	946.43	3/4	1,302.88	3/4	1,667.17	3/4	2,030.63	3/4	2,392.21	3/4	2,755.67	3/4	3,119.56	3/4	3,482.93
7	228.14	7	592.59	7	953.79	7	1,310.47	7	1,674.75	7	2,038.16	7	2,399.76	7	2,763.25	7	3,127.14	7	3,490.48
1/4	235.74	1/4	600.18	1/4	961.15	1/4	1,318.06	1/4	1,682.34	1/4	2,045.68	1/4	2,407.31	1/4	2,770.83	1/4	3,134.72	1/4	3,498.04
1/2	243.33	1/2	607.77	1/2	968.51	1/2	1,325.65	1/2	1,689.93	1/2	2,053.21	1/2	2,414.86	1/2	2,778.41	1/2	3,142.30	1/2	3,505.60
3/4	250.92	3/4	615.37	3/4	975.87	3/4	1,333.24	3/4	1,697.52	3/4	2,060.74	3/4	2,422.41	3/4	2,785.99	3/4	3,149.88	3/4	3,513.16
8	258.52	8	622.96	8	983.23	8	1,340.83	8	1,705.11	8	2,068.26	8	2,429.96	8	2,793.57	8	3,157.46	8	3,520.72
1/4	266.11	1/4	630.55	1/4	990.59	1/4	1,348.42	1/4	1,712.70	1/4	2,075.79	1/4	2,437.52	1/4	2,801.16	1/4	3,165.03	1/4	3,528.28
1/2	273.70	1/2	638.15	1/2	997.95	1/2	1,356.01	1/2	1,720.29	1/2	2,083.32	1/2	2,445.07	1/2	2,808.74	1/2	3,172.61	1/2	3,535.84
3/4	281.29	3/4	645.74	3/4	1,005.31	3/4	1,363.60	3/4	1,727.88	3/4	2,090.84	3/4	2,452.62	3/4	2,816.32	3/4	3,180.19	3/4	3,543.39
9	288.88	9	653.33	9	1,012.67	9	1,371.19	9	1,735.47	9	2,098.37	9	2,460.17	9	2,823.90	9	3,187.77	9	3,550.95
1/4	296.48	1/4	660.93	1/4	1,020.02	1/4	1,378.78	1/4	1,743.06	1/4	2,105.89	1/4	2,467.72	1/4	2,831.48	1/4	3,195.35	1/4	3,558.52
1/2	304.07	1/2	668.52	1/2	1,027.38	1/2	1,386.37	1/2	1,750.65	1/2	2,113.42	1/2	2,475.27	1/2	2,839.07	1/2	3,202.93	1/2	3,566.08
3/4	311.66	3/4	676.11	3/4	1,034.74	3/4	1,393.95	3/4	1,758.24	3/4	2,120.95	3/4	2,482.82	3/4	2,846.65	3/4	3,210.51	3/4	3,573.64
10	319.25	10	683.71	10	1,042.10	10	1,401.54	10	1,765.82	10	2,128.47	10	2,490.37	10	2,854.23	10	3,218.09	10	3,581.21
1/4	326.84	1/4	691.30	1/4	1,049.46	1/4	1,409.13	1/4	1,773.41	1/4	2,136.00	1/4	2,497.92	1/4	2,861.81	1/4	3,225.67	1/4	3,588.78
1/2	334.44	1/2	698.89	1/2	1,056.82	1/2	1,416.72	1/2	1,781.00	1/2	2,143.53	1/2	2,505.47	1/2	2,869.39	1/2	3,233.25	1/2	3,596.35
3/4	342.03	3/4	706.49	3/4	1,064.18	3/4	1,424.31	3/4	1,788.59	3/4	2,151.05	3/4	2,513.02	3/4	2,876.98	3/4	3,240.83	3/4	3,603.92
11	349.62	11	714.08	11	1,071.54	11	1,431.90	11	1,796.18	11	2,158.58	11	2,520.57	11	2,884.56	11	3,248.41	11	3,611.49
1/4	357.21	1/4	721.67	1/4	1,078.90	1/4	1,439.49	1/4	1,803.77	1/4	2,166.10	1/4	2,528.14	1/4	2,892.14	1/4	3,255.98	1/4	3,618.49
1/2	364.80	1/2	729.27	1/2	1,086.27	1/2	1,447.08	1/2	1,811.36	1/2	2,173.63	1/2	2,535.71	1/2	2,899.72	1/2	3,263.56	1/2	3,625.48
3/4	372.40	3/4	736.86	3/4	1,093.63	3/4	1,454.67	3/4	1,818.95	3/4	2,181.16	3/4	2,543.28	3/4	2,907.30	3/4	3,271.14	3/4	3,632.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO 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.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 338"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 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	3,639.48	0	3,893.88	0	4,143.97	0	4,381.22	0	4,610.39	0		0		0		0		0	
1/4	3,645.32	1/4	3,899.13	1/4	4,149.05	1/4	4,386.00	1/4	4,615.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,651.16	1/2	3,904.38	1/2	4,154.14	1/2	4,390.78	1/2	4,620.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,656.99	3/4	3,909.63	3/4	4,159.22	3/4	4,395.56	3/4	4,626.03	3/4		3/4		3/4		3/4		3/4	
1	3,662.83	1	3,914.88	1	4,164.31	1	4,400.35	1	4,631.24	1		1		1		1		1	
1/4	3,668.08	1/4	3,920.13	1/4	4,169.37	1/4	4,405.09	1/4	4,636.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,673.33	1/2	3,925.38	1/2	4,174.44	1/2	4,409.84	1/2	4,640.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,678.58	3/4	3,930.63	3/4	4,179.50	3/4	4,414.58	3/4	4,645.73	3/4		3/4		3/4		3/4		3/4	
2	3,683.84	2	3,935.88	2	4,184.56	2	4,419.33	2	4,650.56	2		2		2		2		2	
1/4	3,689.09	1/4	3,941.13	1/4	4,189.59	1/4	4,424.03	1/4	4,654.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,694.34	1/2	3,946.39	1/2	4,194.63	1/2	4,428.74	1/2	4,657.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,699.59	3/4	3,951.64	3/4	4,199.66	3/4	4,433.45	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,704.84	3	3,956.89	3	4,204.69	3	4,438.16	3		3		3		3		3		3	
1/4	3,710.09	1/4	3,962.14	1/4	4,209.69	1/4	4,442.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.34	1/2	3,967.39	1/2	4,214.69	1/2	4,447.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.59	3/4	3,972.64	3/4	4,219.69	3/4	4,452.21	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,725.84	4	3,977.89	4	4,224.69	4	4,456.90	4		4		4		4		4		4	
1/4	3,731.09	1/4	3,983.14	1/4	4,229.66	1/4	4,461.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.35	1/2	3,988.39	1/2	4,234.63	1/2	4,466.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,741.60	3/4	3,993.64	3/4	4,239.61	3/4	4,470.88	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,746.85	5	3,998.90	5	4,244.58	5	4,475.55	5		5		5		5		5		5	
1/4	3,752.10	1/4	4,004.14	1/4	4,249.53	1/4	4,480.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.35	1/2	4,009.39	1/2	4,254.48	1/2	4,484.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,762.60	3/4	4,014.63	3/4	4,259.43	3/4	4,489.46	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,767.85	6	4,019.88	6	4,264.38	6	4,494.10	6		6		6		6		6		6	
1/4	3,773.10	1/4	4,025.11	1/4	4,269.31	1/4	4,498.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,778.35	1/2	4,030.34	1/2	4,274.23	1/2	4,503.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.60	3/4	4,035.57	3/4	4,279.16	3/4	4,507.94	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,788.86	7	4,040.80	7	4,284.09	7	4,512.55	7		7		7		7		7		7	
1/4	3,794.11	1/4	4,046.01	1/4	4,288.99	1/4	4,517.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,799.36	1/2	4,051.21	1/2	4,293.89	1/2	4,521.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,804.61	3/4	4,056.42	3/4	4,298.80	3/4	4,526.31	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,809.86	8	4,061.63	8	4,303.70	8	4,530.90	8		8		8		8		8		8	
1/4	3,815.11	1/4	4,066.81	1/4	4,308.58	1/4	4,535.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,820.36	1/2	4,072.00	1/2	4,313.46	1/2	4,540.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,825.61	3/4	4,077.18	3/4	4,318.34	3/4	4,544.60	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,830.86	9	4,082.37	9	4,323.22	9	4,549.17	9		9		9		9		9		9	
1/4	3,836.11	1/4	4,087.53	1/4	4,328.08	1/4	4,554.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,841.37	1/2	4,092.68	1/2	4,332.94	1/2	4,558.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,846.62	3/4	4,097.84	3/4	4,337.79	3/4	4,563.82	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,851.87	10	4,103.00	10	4,342.65	10	4,568.70	10		10		10		10		10		10	
1/4	3,857.12	1/4	4,108.13	1/4	4,347.48	1/4	4,573.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,862.37	1/2	4,113.27	1/2	4,352.32	1/2	4,579.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,867.62	3/4	4,118.40	3/4	4,357.15	3/4	4,584.33	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,872.87	11	4,123.53	11	4,361.99	11	4,589.55	11		11		11		11		11		11	
1/4	3,878.12	1/4	4,128.64	1/4	4,366.79	1/4	4,594.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,883.37	1/2	4,133.75	1/2	4,371.60	1/2	4,599.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,888.62	3/4	4,138.86	3/4	4,376.41	3/4	4,605.18	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2014 CL
CALCULATED: 04/04/2014 CL
PRINTED: 04/05/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT
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BARGE "CTCo 338"

3 STBD 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	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 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 338"

3 STBD 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	3,658.44	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: 04/03/2014 CL
CALCULATED: 04/04/2014 CL
PRINTED: 04/05/2014 SW

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