



BARGE "CTCo 339"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 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	00-0/8	- 00-0/8	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 = 7'-00"
 DIFF. = 5'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-03"

April 14, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 339"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.															
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0														
1/4		1/4		1/4	4,772.02	1/4		1/4	4,432.95	1/4		1/4	4,073.02	1/4		1/4	3,706.93	1/4		1/4	3,340.54	1/4		1/4	2,973.88	1/4		1/4	2,607.04	1/4		1/4	2,240.21
1/2		1/2	5,093.29	1/2	4,758.35	1/2		1/2	4,418.33	1/2		1/2	4,057.76	1/2		1/2	3,691.68	1/2		1/2	3,325.26	1/2		1/2	2,958.59	1/2		1/2	2,591.76	1/2		1/2	2,224.92
3/4		3/4	5,087.25	3/4	4,751.51	3/4		3/4	4,411.02	3/4		3/4	4,050.14	3/4		3/4	3,684.05	3/4		3/4	3,317.63	3/4		3/4	2,950.95	3/4		3/4	2,584.11	3/4		3/4	2,217.28
1		1	5,081.20	1	4,744.67	1		1	4,403.71	1		1	4,042.51	1		1	3,674.42	1		1	3,309.99	1		1	2,943.31	1		1	2,576.47	1		1	2,209.64
1/4		1/4	5,074.01	1/4	4,737.78	1/4		1/4	4,396.36	1/4		1/4	4,034.88	1/4		1/4	3,668.80	1/4		1/4	3,302.35	1/4		1/4	2,935.66	1/4		1/4	2,568.83	1/4		1/4	2,201.99
1/2		1/2	5,066.83	1/2	4,730.89	1/2		1/2	4,389.01	1/2		1/2	4,027.26	1/2		1/2	3,661.17	1/2		1/2	3,294.71	1/2		1/2	2,928.02	1/2		1/2	2,561.19	1/2		1/2	2,194.35
3/4		3/4	5,059.64	3/4	4,724.00	3/4		3/4	4,381.65	3/4		3/4	4,019.63	3/4		3/4	3,653.54	3/4		3/4	3,287.07	3/4		3/4	2,920.38	3/4		3/4	2,553.54	3/4		3/4	2,186.71
2		2	5,052.45	2	4,717.11	2		2	4,374.30	2		2	4,012.00	2		2	3,645.92	2		2	3,279.43	2		2	2,912.74	2		2	2,545.90	2		2	2,179.07
1/4		1/4	5,044.88	1/4	4,710.16	1/4		1/4	4,366.91	1/4		1/4	4,004.38	1/4		1/4	3,638.29	1/4		1/4	3,271.80	1/4		1/4	2,905.10	1/4		1/4	2,538.26	1/4		1/4	2,171.42
1/2		1/2	5,037.31	1/2	4,703.22	1/2		1/2	4,359.53	1/2		1/2	3,996.75	1/2		1/2	3,630.66	1/2		1/2	3,264.16	1/2		1/2	2,897.45	1/2		1/2	2,530.62	1/2		1/2	2,163.78
3/4		3/4	5,029.74	3/4	4,696.27	3/4		3/4	4,352.14	3/4		3/4	3,989.12	3/4		3/4	3,623.04	3/4		3/4	3,256.52	3/4		3/4	2,889.81	3/4		3/4	2,522.98	3/4		3/4	2,156.14
3		3	5,022.17	3	4,689.33	3		3	4,344.75	3		3	3,981.50	3		3	3,615.41	3		3	3,248.88	3		3	2,882.17	3		3	2,515.33	3		3	2,148.50
1/4		1/4	5,014.60	1/4	4,682.35	1/4		1/4	4,337.33	1/4		1/4	3,973.87	1/4		1/4	3,607.78	1/4		1/4	3,241.24	1/4		1/4	2,874.53	1/4		1/4	2,507.69	1/4		1/4	2,140.86
1/2		1/2	5,007.03	1/2	4,675.36	1/2		1/2	4,329.91	1/2		1/2	3,966.24	1/2		1/2	3,600.16	1/2		1/2	3,233.60	1/2		1/2	2,866.88	1/2		1/2	2,500.05	1/2		1/2	2,133.21
3/4		3/4	4,999.46	3/4	4,668.38	3/4		3/4	4,322.49	3/4		3/4	3,958.62	3/4		3/4	3,592.53	3/4		3/4	3,225.96	3/4		3/4	2,859.24	3/4		3/4	2,492.41	3/4		3/4	2,125.57
4		4	4,991.89	4	4,661.40	4		4	4,315.07	4		4	3,950.99	4		4	3,584.90	4		4	3,218.33	4		4	2,851.60	4		4	2,484.76	4		4	2,117.93
1/4		1/4	4,984.32	1/4	4,654.38	1/4		1/4	4,307.61	1/4		1/4	3,943.36	1/4		1/4	3,577.28	1/4		1/4	3,210.69	1/4		1/4	2,843.96	1/4		1/4	2,477.12	1/4		1/4	2,110.29
1/2		1/2	4,976.75	1/2	4,647.36	1/2		1/2	4,300.16	1/2		1/2	3,935.74	1/2		1/2	3,569.65	1/2		1/2	3,203.05	1/2		1/2	2,836.31	1/2		1/2	2,469.48	1/2		1/2	2,102.64
3/4		3/4	4,969.18	3/4	4,640.34	3/4		3/4	4,292.71	3/4		3/4	3,928.11	3/4		3/4	3,562.02	3/4		3/4	3,195.41	3/4		3/4	2,828.67	3/4		3/4	2,461.84	3/4		3/4	2,095.00
5		5	4,961.61	5	4,633.31	5		5	4,285.25	5		5	3,920.48	5		5	3,554.40	5		5	3,187.77	5		5	2,821.03	5		5	2,454.19	5		5	2,087.36
1/4		1/4	4,954.52	1/4	4,626.26	1/4		1/4	4,277.76	1/4		1/4	3,912.85	1/4		1/4	3,546.76	1/4		1/4	3,180.13	1/4		1/4	2,813.39	1/4		1/4	2,446.55	1/4		1/4	2,079.72
1/2		1/2	4,947.43	1/2	4,619.21	1/2		1/2	4,270.27	1/2		1/2	3,905.23	1/2		1/2	3,539.13	1/2		1/2	3,172.50	1/2		1/2	2,805.74	1/2		1/2	2,438.91	1/2		1/2	2,072.07
3/4		3/4	4,940.34	3/4	4,612.15	3/4		3/4	4,262.77	3/4		3/4	3,897.60	3/4		3/4	3,531.50	3/4		3/4	3,164.86	3/4		3/4	2,798.10	3/4		3/4	2,431.27	3/4		3/4	2,064.43
6		6	4,933.25	6	4,605.10	6		6	4,255.28	6		6	3,889.97	6		6	3,523.86	6		6	3,157.22	6		6	2,790.46	6		6	2,423.62	6		6	2,056.79
1/4		1/4	4,926.61	1/4	4,598.01	1/4		1/4	4,247.75	1/4		1/4	3,882.35	1/4		1/4	3,516.22	1/4		1/4	3,149.58	1/4		1/4	2,782.82	1/4		1/4	2,415.98	1/4		1/4	2,049.15
1/2		1/2	4,919.98	1/2	4,590.92	1/2		1/2	4,240.22	1/2		1/2	3,874.72	1/2		1/2	3,508.59	1/2		1/2	3,141.94	1/2		1/2	2,775.17	1/2		1/2	2,408.34	1/2		1/2	2,041.50
3/4		3/4	4,913.35	3/4	4,583.83	3/4		3/4	4,232.69	3/4		3/4	3,867.09	3/4		3/4	3,500.95	3/4		3/4	3,134.30	3/4		3/4	2,767.53	3/4		3/4	2,400.70	3/4		3/4	2,033.86
7		7	4,906.72	7	4,576.75	7		7	4,225.16	7		7	3,859.47	7		7	3,493.31	7		7	3,126.67	7		7	2,759.89	7		7	2,393.05	7		7	2,026.22
1/4		1/4	4,900.06	1/4	4,569.62	1/4		1/4	4,217.60	1/4		1/4	3,851.84	1/4		1/4	3,485.67	1/4		1/4	3,119.03	1/4		1/4	2,752.25	1/4		1/4	2,385.41	1/4		1/4	2,018.58
1/2		1/2	4,893.39	1/2	4,562.50	1/2		1/2	4,210.03	1/2		1/2	3,844.21	1/2		1/2	3,478.03	1/2		1/2	3,111.39	1/2		1/2	2,744.60	1/2		1/2	2,377.77	1/2		1/2	2,010.93
3/4		3/4	4,886.73	3/4	4,555.38	3/4		3/4	4,202.47	3/4		3/4	3,836.59	3/4		3/4	3,470.39	3/4		3/4	3,103.75	3/4		3/4	2,736.96	3/4		3/4	2,370.13	3/4		3/4	2,003.29
8		8	4,880.07	8	4,548.26	8		8	4,194.90	8		8	3,828.96	8		8	3,462.76	8		8	3,096.11	8		8	2,729.32	8		8	2,362.48	8		8	1,995.65
1/4		1/4	4,873.37	1/4	4,541.10	1/4		1/4	4,187.31	1/4		1/4	3,821.33	1/4		1/4	3,455.12	1/4		1/4	3,088.47	1/4		1/4	2,721.68	1/4		1/4	2,354.84	1/4		1/4	1,988.01
1/2		1/2	4,866.67	1/2	4,533.95	1/2		1/2	4,179.71	1/2		1/2	3,813.71	1/2		1/2	3,447.48	1/2		1/2	3,080.84	1/2		1/2	2,714.04	1/2		1/2	2,347.20	1/2		1/2	1,980.36
3/4		3/4	4,859.97	3/4	4,526.79	3/4		3/4	4,172.11	3/4		3/4	3,806.08	3/4		3/4	3,439.84	3/4		3/4	3,073.20	3/4		3/4	2,706.39	3/4		3/4	2,339.56	3/4		3/4	1,972.72
9		9	4,853.27	9	4,519.64	9		9	4,164.51	9		9	3,798.45	9		9	3,432.20	9		9	3,065.56	9		9	2,698.75	9		9	2,331.92	9		9	1,965.08
1/4		1/4	4,846.53	1/4	4,512.45	1/4		1/4	4,156.89	1/4		1/4	3,790.83	1/4		1/4	3,424.56	1/4		1/4	3,057.92	1/4		1/4	2,691.11	1/4		1/4	2,324.27	1/4		1/4	1,957.44
1/2		1/2	4,839.80	1/2	4,505.26	1/2		1/2	4,149.27	1/2		1/2	3,783.20	1/2		1/2	3,416.92	1/2		1/2	3,050.28	1/2		1/2	2,683.47	1/2		1/2	2,316.63	1/2		1/2	1,949.80
3/4		3/4	4,833.06	3/4	4,498.07	3/4		3/4	4,141.65	3/4		3/4	3,775.57	3/4		3/4	3,409.29	3/4		3/4	3,042.64	3/4		3/4	2,675.82	3/4		3/4	2,308.99	3/4		3/4	1,942.15
10		10	4,826.32	10	4,490.88	10		10	4,134.03	10		10	3,767.95	10		10	3,401.65	10		10	3,035.00	10		10	2,668.18	10		10	2,301.35	10		10	1,934.51
1/4		1/4	4,819.55	1/4	4,483.66	1/4		1/4	4,126.41	1/4		1/4	3,760.32	1/4		1/4	3,394.01	1/4		1/4	3,027.37	1/4		1/4	2,660.54	1/4		1/4	2,293.70	1/4		1/4	1,926.87
1/2		1/2	4,812.78	1/2	4,476.44	1/2		1/2	4,118.78	1/2		1/2	3,752.69	1/2		1/2	3,386.37	1/2		1/2	3,019.73	1/2		1/2	2,652.90	1/2		1/2	2,286.06	1/2		1/2	1



BARGE "CTCo 339"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,873.37	0	1,506.54	0	1,139.76	0	775.07	0	411.24	0	88.07	0		0		0		0	
1/4	1,865.73	1/4	1,498.89	1/4	1,132.15	1/4	767.43	1/4	404.01	1/4	81.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,858.09	1/2	1,491.25	1/2	1,124.53	1/2	759.79	1/2	396.77	1/2	75.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,850.44	3/4	1,483.61	3/4	1,116.92	3/4	752.15	3/4	389.54	3/4	69.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,842.80	1	1,475.97	1	1,109.31	1	744.51	1	382.30	1	63.62	1	1	1	1	1	1	1	1
1/4	1,835.16	1/4	1,468.32	1/4	1,101.70	1/4	736.86	1/4	375.16	1/4	58.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,827.52	1/2	1,460.68	1/2	1,094.10	1/2	729.22	1/2	368.02	1/2	52.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,819.87	3/4	1,453.04	3/4	1,086.49	3/4	721.58	3/4	360.87	3/4	46.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,812.23	2	1,445.40	2	1,078.88	2	713.94	2	353.73	2	41.43	2	2	2	2	2	2	2	2
1/4	1,804.59	1/4	1,437.75	1/4	1,071.29	1/4	706.29	1/4	346.68	1/4	36.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,796.95	1/2	1,430.11	1/2	1,063.69	1/2	698.65	1/2	339.63	1/2	32.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,789.30	3/4	1,422.47	3/4	1,056.09	3/4	691.01	3/4	332.57	3/4	27.97	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,781.66	3	1,414.83	3	1,048.49	3	683.37	3	325.52	3	23.49	3	3	3	3	3	3	3	3
1/4	1,774.02	1/4	1,407.18	1/4	1,040.89	1/4	675.73	1/4	318.56	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,766.38	1/2	1,399.54	1/2	1,033.30	1/2	668.08	1/2	311.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,758.74	3/4	1,391.90	3/4	1,025.70	3/4	660.44	3/4	304.63	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,751.09	4	1,384.26	4	1,018.11	4	652.80	4	297.67	4	4	4	4	4	4	4	4	4	4
1/4	1,743.45	1/4	1,376.62	1/4	1,010.52	1/4	645.16	1/4	290.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,735.81	1/2	1,368.97	1/2	1,002.92	1/2	637.52	1/2	283.93	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,728.17	3/4	1,361.33	3/4	995.33	3/4	629.87	3/4	277.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,720.52	5	1,353.69	5	987.74	5	622.23	5	270.19	5	5	5	5	5	5	5	5	5	5
1/4	1,712.88	1/4	1,346.05	1/4	980.15	1/4	614.59	1/4	263.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,705.24	1/2	1,338.40	1/2	972.56	1/2	606.95	1/2	256.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,697.60	3/4	1,330.76	3/4	964.97	3/4	599.30	3/4	249.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,689.95	6	1,323.12	6	957.37	6	591.66	6	243.06	6	6	6	6	6	6	6	6	6	6
1/4	1,682.31	1/4	1,315.48	1/4	949.78	1/4	584.02	1/4	236.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,674.67	1/2	1,307.83	1/2	942.19	1/2	576.38	1/2	229.68	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,667.03	3/4	1,300.19	3/4	934.60	3/4	568.74	3/4	222.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,659.38	7	1,292.55	7	927.01	7	561.09	7	216.30	7	7	7	7	7	7	7	7	7	7
1/4	1,651.74	1/4	1,284.91	1/4	919.42	1/4	553.46	1/4	209.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,644.10	1/2	1,277.26	1/2	911.83	1/2	545.83	1/2	203.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,636.46	3/4	1,269.62	3/4	904.23	3/4	538.20	3/4	196.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,628.81	8	1,261.98	8	896.64	8	530.57	8	189.91	8	8	8	8	8	8	8	8	8	8
1/4	1,621.17	1/4	1,254.34	1/4	889.05	1/4	522.98	1/4	183.40	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,613.53	1/2	1,246.69	1/2	881.46	1/2	515.40	1/2	176.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,605.89	3/4	1,239.05	3/4	873.87	3/4	507.81	3/4	170.38	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,598.24	9	1,231.41	9	866.28	9	500.23	9	163.87	9	9	9	9	9	9	9	9	9	9
1/4	1,590.60	1/4	1,223.77	1/4	858.68	1/4	492.72	1/4	157.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,582.96	1/2	1,216.12	1/2	851.09	1/2	485.21	1/2	151.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,575.32	3/4	1,208.48	3/4	843.50	3/4	477.71	3/4	144.63	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,567.68	10	1,200.84	10	835.91	10	470.20	10	138.21	10	10	10	10	10	10	10	10	10	10
1/4	1,560.03	1/4	1,193.20	1/4	828.32	1/4	462.79	1/4	131.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,552.39	1/2	1,185.56	1/2	820.73	1/2	455.37	1/2	125.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,544.75	3/4	1,177.91	3/4	813.13	3/4	447.96	3/4	119.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,537.11	11	1,170.27	11	805.54	11	440.54	11	112.94	11	11	11	11	11	11	11	11	11	11
1/4	1,529.46	1/4	1,162.64	1/4	797.93	1/4	433.22	1/4	106.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,521.82	1/2	1,155.01	1/2	790.31	1/2	425.89	1/2	100.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,514.18	3/4	1,147.39	3/4	782.69	3/4	418.57	3/4	94.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW
CALCULATED: 04/15/2014 CL
PRINTED: 04/16/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CTCo 339"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
					4,775.75		4,437.10		4,077.50		3,711.37		3,345.25		2,979.12		2,612.80		2,246.49		
1/4	1/4	1/4	4,768.95	1/4	4,429.84	1/4	4,069.87	1/4	3,703.74	1/4	3,337.62	1/4	2,971.49	1/4	2,605.17	1/4	2,238.85				
1/2	1/2	1/2	4,762.11	1/2	4,422.53	1/2	4,062.24	1/2	3,696.12	1/2	3,329.99	1/2	2,963.86	1/2	2,597.54	1/2	2,231.22				
3/4	3/4	3/4	5,090.24	3/4	4,755.27	3/4	4,415.22	3/4	4,054.61	3/4	3,688.49	3/4	3,322.36	3/4	2,956.22	3/4	2,589.91	3/4	2,223.59		
1	1	1	5,084.20	1	4,748.43	1	4,407.91	1	4,046.99	1	3,680.86	1	3,314.74	1	2,948.59	1	2,582.28	1	2,215.96		
1/4	1/4	1/4	5,078.15	1/4	4,741.59	1/4	4,400.60	1/4	4,039.36	1/4	3,673.23	1/4	3,307.11	1/4	2,940.96	1/4	2,574.64	1/4	2,208.33		
1/2	1/2	1/2	5,070.97	1/2	4,734.70	1/2	4,393.24	1/2	4,031.73	1/2	3,665.61	1/2	3,299.48	1/2	2,933.33	1/2	2,567.01	1/2	2,200.70		
3/4	3/4	3/4	5,063.78	3/4	4,727.81	3/4	4,385.89	3/4	4,024.10	3/4	3,657.98	3/4	3,291.85	3/4	2,925.70	3/4	2,559.38	3/4	2,193.06		
2	2	2	5,056.59	2	4,720.92	2	4,378.54	2	4,016.48	2	3,650.35	2	3,284.23	2	2,918.07	2	2,551.75	2	2,185.43		
1/4	1/4	1/4	5,049.40	1/4	4,714.02	1/4	4,371.18	1/4	4,008.85	1/4	3,642.72	1/4	3,276.60	1/4	2,910.43	1/4	2,544.12	1/4	2,177.80		
1/2	1/2	1/2	5,041.83	1/2	4,707.08	1/2	4,363.79	1/2	4,001.22	1/2	3,635.10	1/2	3,268.97	1/2	2,902.80	1/2	2,536.49	1/2	2,170.17		
3/4	3/4	3/4	5,034.26	3/4	4,700.13	3/4	4,356.40	3/4	3,993.59	3/4	3,627.47	3/4	3,261.34	3/4	2,895.17	3/4	2,528.85	3/4	2,162.54		
3	3	3	5,026.69	3	4,693.19	3	4,349.02	3	3,985.97	3	3,619.84	3	3,253.72	3	2,887.54	3	2,521.22	3	2,154.91		
1/4	1/4	1/4	5,019.12	1/4	4,686.24	1/4	4,341.63	1/4	3,978.34	1/4	3,612.21	1/4	3,246.09	1/4	2,879.91	1/4	2,513.59	1/4	2,147.27		
1/2	1/2	1/2	5,011.55	1/2	4,679.26	1/2	4,334.21	1/2	3,970.71	1/2	3,604.59	1/2	3,238.46	1/2	2,872.28	1/2	2,505.96	1/2	2,139.64		
3/4	3/4	3/4	5,003.98	3/4	4,672.28	3/4	4,326.79	3/4	3,963.08	3/4	3,596.96	3/4	3,230.83	3/4	2,864.64	3/4	2,498.33	3/4	2,132.01		
4	4	4	4,996.41	4	4,665.29	4	4,319.36	4	3,955.46	4	3,589.33	4	3,223.21	4	2,857.01	4	2,490.70	4	2,124.38		
1/4	1/4	1/4	4,988.84	1/4	4,658.31	1/4	4,311.94	1/4	3,947.83	1/4	3,581.70	1/4	3,215.58	1/4	2,849.38	1/4	2,483.06	1/4	2,116.75		
1/2	1/2	1/2	4,981.27	1/2	4,651.29	1/2	4,304.49	1/2	3,940.20	1/2	3,574.08	1/2	3,207.95	1/2	2,841.75	1/2	2,475.43	1/2	2,109.12		
3/4	3/4	3/4	4,973.70	3/4	4,644.27	3/4	4,297.03	3/4	3,932.57	3/4	3,566.45	3/4	3,200.32	3/4	2,834.12	3/4	2,467.80	3/4	2,101.48		
5	5	5	4,966.13	5	4,637.24	5	4,289.58	5	3,924.95	5	3,558.82	5	3,192.70	5	2,826.49	5	2,460.17	5	2,093.85		
1/4	1/4	1/4	4,958.56	1/4	4,630.22	1/4	4,282.12	1/4	3,917.32	1/4	3,551.19	1/4	3,185.07	1/4	2,818.86	1/4	2,452.54	1/4	2,086.22		
1/2	1/2	1/2	4,951.47	1/2	4,623.17	1/2	4,274.63	1/2	3,909.69	1/2	3,543.57	1/2	3,177.44	1/2	2,811.22	1/2	2,444.91	1/2	2,078.59		
3/4	3/4	3/4	4,944.37	3/4	4,616.11	3/4	4,267.14	3/4	3,902.06	3/4	3,535.94	3/4	3,169.81	3/4	2,803.59	3/4	2,437.28	3/4	2,070.96		
6	6	6	4,937.28	6	4,609.06	6	4,259.64	6	3,894.43	6	3,528.31	6	3,162.19	6	2,795.96	6	2,429.64	6	2,063.33		
1/4	1/4	1/4	4,930.19	1/4	4,602.00	1/4	4,252.15	1/4	3,886.81	1/4	3,520.68	1/4	3,154.56	1/4	2,788.33	1/4	2,422.01	1/4	2,055.70		
1/2	1/2	1/2	4,923.56	1/2	4,594.91	1/2	4,244.62	1/2	3,879.18	1/2	3,513.05	1/2	3,146.93	1/2	2,780.70	1/2	2,414.38	1/2	2,048.06		
3/4	3/4	3/4	4,916.92	3/4	4,587.82	3/4	4,237.09	3/4	3,871.55	3/4	3,505.43	3/4	3,139.30	3/4	2,773.07	3/4	2,406.75	3/4	2,040.43		
7	7	7	4,910.29	7	4,580.74	7	4,229.56	7	3,863.92	7	3,497.80	7	3,131.67	7	2,765.43	7	2,399.12	7	2,032.80		
1/4	1/4	1/4	4,903.66	1/4	4,573.65	1/4	4,222.03	1/4	3,856.30	1/4	3,490.17	1/4	3,124.05	1/4	2,757.80	1/4	2,391.49	1/4	2,025.17		
1/2	1/2	1/2	4,897.00	1/2	4,566.53	1/2	4,214.46	1/2	3,848.67	1/2	3,482.54	1/2	3,116.42	1/2	2,750.17	1/2	2,383.85	1/2	2,017.54		
3/4	3/4	3/4	4,890.33	3/4	4,559.40	3/4	4,206.90	3/4	3,841.04	3/4	3,474.92	3/4	3,108.79	3/4	2,742.54	3/4	2,376.22	3/4	2,009.91		
8	8	8	4,883.67	8	4,552.28	8	4,199.33	8	3,833.41	8	3,467.29	8	3,101.16	8	2,734.91	8	2,368.59	8	2,002.27		
1/4	1/4	1/4	4,877.00	1/4	4,545.16	1/4	4,191.77	1/4	3,825.79	1/4	3,459.66	1/4	3,093.54	1/4	2,727.28	1/4	2,360.96	1/4	1,994.64		
1/2	1/2	1/2	4,870.30	1/2	4,538.00	1/2	4,184.17	1/2	3,818.16	1/2	3,452.03	1/2	3,085.91	1/2	2,719.64	1/2	2,353.33	1/2	1,987.01		
3/4	3/4	3/4	4,863.60	3/4	4,530.85	3/4	4,176.57	3/4	3,810.53	3/4	3,444.41	3/4	3,078.28	3/4	2,712.01	3/4	2,345.70	3/4	1,979.38		
9	9	9	4,856.90	9	4,523.69	9	4,168.97	9	3,802.90	9	3,436.78	9	3,070.65	9	2,704.38	9	2,338.06	9	1,971.75		
1/4	1/4	1/4	4,850.20	1/4	4,516.53	1/4	4,161.37	1/4	3,795.28	1/4	3,429.15	1/4	3,063.03	1/4	2,696.75	1/4	2,330.43	1/4	1,964.12		
1/2	1/2	1/2	4,843.47	1/2	4,509.35	1/2	4,153.75	1/2	3,787.65	1/2	3,421.52	1/2	3,055.40	1/2	2,689.12	1/2	2,322.80	1/2	1,956.48		
3/4	3/4	3/4	4,836.73	3/4	4,502.16	3/4	4,146.13	3/4	3,780.02	3/4	3,413.90	3/4	3,047.77	3/4	2,681.49	3/4	2,315.17	3/4	1,948.85		
10	10	10	4,829.99	10	4,494.97	10	4,138.51	10	3,772.39	10	3,406.27	10	3,040.14	10	2,673.85	10	2,307.54	10	1,941.22		
1/4	1/4	1/4	4,823.25	1/4	4,487.78	1/4	4,130.89	1/4	3,764.77	1/4	3,398.64	1/4	3,032.52	1/4	2,666.22	1/4	2,299.91	1/4	1,933.59		
1/2	1/2	1/2	4,816.48	1/2	4,480.55	1/2	4,123.26	1/2	3,757.14	1/2	3,391.01	1/2	3,024.89	1/2	2,658.59	1/2	2,292.27	1/2	1,925.96		
3/4	3/4	3/4	4,809.71	3/4	4,473.33	3/4	4,115.64	3/4	3,749.51	3/4	3,383.39	3/4	3,017.26	3/4	2,650.96	3/4	2,284.64	3/4	1,918.33		
11	11	11	4,802.94	11	4,466.11	11	4,108.01	11	3,741.88	11	3,375.76	11	3,009.63	11	2,643.33	11	2,277.01	11	1,910.69		
1/4	1/4	1/4	4,796.17	1/4	4,458.88	1/4	4,100.38	1/4	3,734.26	1/4	3,368.13	1/4	3,002.01	1/4	2,635.70	1/4	2,269.38	1/4	1,903.06		
1/2	1/2	1/2	4,789.36	1/2	4,451.62	1/2	4,092.75	1/2	3,726.63	1/2	3,360.50	1/2	2,994.38	1/2	2,628.07	1/2	2,261.75	1/2	1,895.43		
3/4	3/4	3/4	4,782.56	3/4	4,444.36	3/4	4,085.12	3/4	3,719.00	3/4	3,352.88	3/4	2,986.75	3/4	2,620.43	3/4	2,254.12	3/4	1,887.80		

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 339"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,880.17	0	1,513.85	0	1,147.53	0	781.71	0	418.14	0	94.29	0		0		0		0	
1/4	1,872.54	1/4	1,506.22	1/4	1,139.90	1/4	774.08	1/4	410.83	1/4	88.07	1/4		1/4		1/4		1/4	
1/2	1,864.91	1/2	1,498.59	1/2	1,132.27	1/2	766.45	1/2	403.60	1/2	81.96	1/2		1/2		1/2		1/2	
3/4	1,857.27	3/4	1,490.96	3/4	1,124.64	3/4	758.82	3/4	396.38	3/4	75.85	3/4		3/4		3/4		3/4	
1	1,849.64	1	1,483.33	1	1,117.01	1	751.19	1	389.16	1	69.74	1		1		1		1	
1/4	1,842.01	1/4	1,475.69	1/4	1,109.38	1/4	743.56	1/4	381.93	1/4	63.63	1/4		1/4		1/4		1/4	
1/2	1,834.38	1/2	1,468.06	1/2	1,101.75	1/2	735.93	1/2	374.80	1/2	58.08	1/2		1/2		1/2		1/2	
3/4	1,826.75	3/4	1,460.43	3/4	1,094.12	3/4	728.29	3/4	367.67	3/4	52.53	3/4		3/4		3/4		3/4	
2	1,819.12	2	1,452.80	2	1,086.49	2	720.66	2	360.54	2	46.98	2		2		2		2	
1/4	1,811.48	1/4	1,445.17	1/4	1,078.86	1/4	713.03	1/4	353.40	1/4	41.44	1/4		1/4		1/4		1/4	
1/2	1,803.85	1/2	1,437.54	1/2	1,071.24	1/2	705.40	1/2	346.36	1/2	36.95	1/2		1/2		1/2		1/2	
3/4	1,796.22	3/4	1,429.90	3/4	1,063.61	3/4	697.77	3/4	339.32	3/4	32.46	3/4		3/4		3/4		3/4	
3	1,788.59	3	1,422.27	3	1,055.99	3	690.14	3	332.28	3	27.97	3		3		3		3	
1/4	1,780.96	1/4	1,414.64	1/4	1,048.36	1/4	682.51	1/4	325.23	1/4	23.49	1/4		1/4		1/4		1/4	
1/2	1,773.33	1/2	1,407.01	1/2	1,040.74	1/2	674.87	1/2	318.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,765.69	3/4	1,399.38	3/4	1,033.12	3/4	667.24	3/4	311.33	3/4		3/4		3/4		3/4		3/4	
4	1,758.06	4	1,391.75	4	1,025.50	4	659.61	4	304.38	4		4		4		4		4	
1/4	1,750.43	1/4	1,384.11	1/4	1,017.88	1/4	651.98	1/4	297.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,742.80	1/2	1,376.48	1/2	1,010.26	1/2	644.35	1/2	290.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,735.17	3/4	1,368.85	3/4	1,002.64	3/4	636.72	3/4	283.71	3/4		3/4		3/4		3/4		3/4	
5	1,727.54	5	1,361.22	5	995.02	5	629.09	5	276.85	5		5		5		5		5	
1/4	1,719.90	1/4	1,353.59	1/4	987.41	1/4	621.45	1/4	269.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.27	1/2	1,345.96	1/2	979.79	1/2	613.82	1/2	263.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,704.64	3/4	1,338.32	3/4	972.17	3/4	606.19	3/4	256.45	3/4		3/4		3/4		3/4		3/4	
6	1,697.01	6	1,330.69	6	964.55	6	598.56	6	249.68	6		6		6		6		6	
1/4	1,689.38	1/4	1,323.06	1/4	956.93	1/4	590.93	1/4	242.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,681.75	1/2	1,315.43	1/2	949.32	1/2	583.30	1/2	236.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,674.12	3/4	1,307.80	3/4	941.70	3/4	575.67	3/4	229.55	3/4		3/4		3/4		3/4		3/4	
7	1,666.48	7	1,300.17	7	934.08	7	568.05	7	222.87	7		7		7		7		7	
1/4	1,658.85	1/4	1,292.54	1/4	926.46	1/4	560.42	1/4	216.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,651.22	1/2	1,284.90	1/2	918.85	1/2	552.81	1/2	209.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,643.59	3/4	1,277.27	3/4	911.23	3/4	545.19	3/4	203.01	3/4		3/4		3/4		3/4		3/4	
8	1,635.96	8	1,269.64	8	903.61	8	537.58	8	196.42	8		8		8		8		8	
1/4	1,628.33	1/4	1,262.01	1/4	895.99	1/4	529.97	1/4	189.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,620.69	1/2	1,254.38	1/2	888.38	1/2	522.40	1/2	183.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,613.06	3/4	1,246.75	3/4	880.76	3/4	514.83	3/4	176.84	3/4		3/4		3/4		3/4		3/4	
9	1,605.43	9	1,239.11	9	873.14	9	507.26	9	170.34	9		9		9		9		9	
1/4	1,597.80	1/4	1,231.48	1/4	865.52	1/4	499.68	1/4	163.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,590.17	1/2	1,223.85	1/2	857.90	1/2	492.19	1/2	157.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,582.54	3/4	1,216.22	3/4	850.29	3/4	484.69	3/4	151.03	3/4		3/4		3/4		3/4		3/4	
10	1,574.90	10	1,208.59	10	842.67	10	477.20	10	144.62	10		10		10		10		10	
1/4	1,567.27	1/4	1,200.96	1/4	835.05	1/4	469.70	1/4	138.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,559.64	1/2	1,193.32	1/2	827.43	1/2	462.30	1/2	131.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,552.01	3/4	1,185.69	3/4	819.82	3/4	454.89	3/4	125.58	3/4		3/4		3/4		3/4		3/4	
11	1,544.38	11	1,178.06	11	812.20	11	447.49	11	119.27	11		11		11		11		11	
1/4	1,536.75	1/4	1,170.43	1/4	804.58	1/4	440.08	1/4	112.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,529.11	1/2	1,162.80	1/2	796.96	1/2	432.77	1/2	106.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,521.48	3/4	1,155.17	3/4	789.33	3/4	425.46	3/4	100.51	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW
CALCULATED: 04/15/2014 CL
PRINTED: 04/16/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT
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BARGE "CTCo 339"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	4,531.09	0	4,213.25	0	3,875.66	0	3,531.95	0	3,188.24	0	2,844.52	0	2,500.61	0	2,156.71		
1/4	1/4	1/4	4,524.70	1/4	4,206.43	1/4	3,868.50	1/4	3,524.79	1/4	3,181.08	1/4	2,837.35	1/4	2,493.45	1/4	2,149.54		
1/2	1/2	1/2	4,518.29	1/2	4,199.57	1/2	3,861.34	1/2	3,517.63	1/2	3,173.91	1/2	2,830.19	1/2	2,486.28	1/2	2,142.38		
3/4	3/4	3/4	4,826.17	3/4	4,511.87	3/4	4,192.71	3/4	3,854.18	3/4	3,510.47	3/4	3,166.75	3/4	2,823.02	3/4	2,479.12	3/4	2,135.21
1	1	1	4,820.50	1	4,505.45	1	4,185.85	1	3,847.02	1	3,503.31	1	3,159.59	1	2,815.86	1	2,471.95	1	2,128.05
1/4	1/4	1/4	4,814.83	1/4	4,499.04	1/4	4,178.99	1/4	3,839.86	1/4	3,496.15	1/4	3,152.43	1/4	2,808.69	1/4	2,464.79	1/4	2,120.88
1/2	1/2	1/2	4,808.08	1/2	4,492.57	1/2	4,172.08	1/2	3,832.70	1/2	3,488.99	1/2	3,145.27	1/2	2,801.53	1/2	2,457.62	1/2	2,113.72
3/4	3/4	3/4	4,801.34	3/4	4,486.10	3/4	4,165.18	3/4	3,825.54	3/4	3,481.82	3/4	3,138.11	3/4	2,794.37	3/4	2,450.46	3/4	2,106.55
2	2	2	4,794.59	2	4,479.64	2	4,158.27	2	3,818.38	2	3,474.66	2	3,130.95	2	2,787.20	2	2,443.30	2	2,099.39
1/4	1/4	1/4	4,787.85	1/4	4,473.17	1/4	4,151.37	1/4	3,811.22	1/4	3,467.50	1/4	3,123.79	1/4	2,780.04	1/4	2,436.13	1/4	2,092.22
1/2	1/2	1/2	4,780.74	1/2	4,466.65	1/2	4,144.43	1/2	3,804.06	1/2	3,460.34	1/2	3,116.63	1/2	2,772.87	1/2	2,428.97	1/2	2,085.06
3/4	3/4	3/4	4,773.64	3/4	4,460.13	3/4	4,137.50	3/4	3,796.90	3/4	3,453.18	3/4	3,109.47	3/4	2,765.71	3/4	2,421.80	3/4	2,077.90
3	3	3	4,766.54	3	4,453.61	3	4,130.56	3	3,789.73	3	3,446.02	3	3,102.31	3	2,758.54	3	2,414.64	3	2,070.73
1/4	1/4	1/4	4,759.43	1/4	4,447.09	1/4	4,123.63	1/4	3,782.57	1/4	3,438.86	1/4	3,095.15	1/4	2,751.38	1/4	2,407.47	1/4	2,063.57
1/2	1/2	1/2	4,752.33	1/2	4,440.54	1/2	4,116.66	1/2	3,775.41	1/2	3,431.70	1/2	3,087.99	1/2	2,744.21	1/2	2,400.31	1/2	2,056.40
3/4	3/4	3/4	4,745.22	3/4	4,433.98	3/4	4,109.69	3/4	3,768.25	3/4	3,424.54	3/4	3,080.83	3/4	2,737.05	3/4	2,393.14	3/4	2,049.24
4	4	4	4,738.12	4	4,427.43	4	4,102.72	4	3,761.09	4	3,417.38	4	3,073.66	4	2,729.88	4	2,386.98	4	2,042.07
1/4	1/4	1/4	4,731.02	1/4	4,420.87	1/4	4,095.76	1/4	3,753.93	1/4	3,410.22	1/4	3,066.50	1/4	2,722.72	1/4	2,378.81	1/4	2,034.91
1/2	1/2	1/2	4,723.91	1/2	4,414.28	1/2	4,088.76	1/2	3,746.77	1/2	3,403.06	1/2	3,059.34	1/2	2,715.55	1/2	2,371.65	1/2	2,027.74
3/4	3/4	3/4	4,716.81	3/4	4,407.69	3/4	4,081.76	3/4	3,739.61	3/4	3,395.90	3/4	3,052.18	3/4	2,708.39	3/4	2,364.48	3/4	2,020.58
5	5	5	4,709.71	5	4,401.10	5	4,074.76	5	3,732.45	5	3,388.74	5	3,045.02	5	2,701.22	5	2,357.32	5	2,013.41
1/4	1/4	1/4	4,702.60	1/4	4,394.51	1/4	4,067.76	1/4	3,725.29	1/4	3,381.57	1/4	3,037.86	1/4	2,694.06	1/4	2,350.15	1/4	2,006.25
1/2	1/2	1/2	4,695.95	1/2	4,387.89	1/2	4,060.73	1/2	3,718.13	1/2	3,374.41	1/2	3,030.70	1/2	2,686.89	1/2	2,342.99	1/2	1,999.08
3/4	3/4	3/4	4,689.29	3/4	4,381.27	3/4	4,053.69	3/4	3,710.97	3/4	3,367.25	3/4	3,023.54	3/4	2,679.73	3/4	2,335.82	3/4	1,991.92
6	6	6	4,682.64	6	4,374.65	6	4,046.66	6	3,703.81	6	3,360.09	6	3,016.38	6	2,672.57	6	2,328.66	6	1,984.75
1/4	1/4	1/4	4,675.98	1/4	4,368.03	1/4	4,039.62	1/4	3,696.65	1/4	3,352.93	1/4	3,009.22	1/4	2,665.40	1/4	2,321.50	1/4	1,977.59
1/2	1/2	1/2	4,669.76	1/2	4,361.37	1/2	4,032.55	1/2	3,689.48	1/2	3,345.77	1/2	3,002.06	1/2	2,658.24	1/2	2,314.33	1/2	1,970.42
3/4	3/4	3/4	4,663.54	3/4	4,354.72	3/4	4,025.48	3/4	3,682.32	3/4	3,338.61	3/4	2,994.90	3/4	2,651.07	3/4	2,307.17	3/4	1,963.26
7	7	7	4,657.32	7	4,348.07	7	4,018.41	7	3,675.16	7	3,331.45	7	2,987.74	7	2,643.91	7	2,300.00	7	1,956.10
1/4	1/4	1/4	4,651.09	1/4	4,341.41	1/4	4,011.34	1/4	3,668.00	1/4	3,324.29	1/4	2,980.58	1/4	2,636.74	1/4	2,292.84	1/4	1,948.93
1/2	1/2	1/2	4,644.84	1/2	4,334.73	1/2	4,004.24	1/2	3,660.84	1/2	3,317.13	1/2	2,973.41	1/2	2,629.58	1/2	2,285.67	1/2	1,941.77
3/4	3/4	3/4	4,638.59	3/4	4,328.04	3/4	3,997.14	3/4	3,653.68	3/4	3,309.97	3/4	2,966.25	3/4	2,622.41	3/4	2,278.51	3/4	1,934.60
8	8	8	4,632.34	8	4,321.36	8	3,990.04	8	3,646.52	8	3,302.81	8	2,959.09	8	2,615.25	8	2,271.34	8	1,927.44
1/4	1/4	1/4	4,626.08	1/4	4,314.67	1/4	3,982.94	1/4	3,639.36	1/4	3,295.65	1/4	2,951.93	1/4	2,608.08	1/4	2,264.18	1/4	1,920.27
1/2	1/2	1/2	4,619.80	1/2	4,307.96	1/2	3,975.80	1/2	3,632.20	1/2	3,288.49	1/2	2,944.77	1/2	2,600.92	1/2	2,257.01	1/2	1,913.11
3/4	3/4	3/4	4,613.51	3/4	4,301.24	3/4	3,968.67	3/4	3,625.04	3/4	3,281.33	3/4	2,937.61	3/4	2,593.75	3/4	2,249.85	3/4	1,905.94
9	9	9	4,607.23	9	4,294.52	9	3,961.54	9	3,617.88	9	3,274.16	9	2,930.45	9	2,586.59	9	2,242.68	9	1,898.78
1/4	1/4	1/4	4,600.94	1/4	4,287.81	1/4	3,954.40	1/4	3,610.72	1/4	3,267.00	1/4	2,923.29	1/4	2,579.42	1/4	2,235.52	1/4	1,891.61
1/2	1/2	1/2	4,594.62	1/2	4,281.06	1/2	3,947.25	1/2	3,603.56	1/2	3,259.84	1/2	2,916.13	1/2	2,572.26	1/2	2,228.35	1/2	1,884.45
3/4	3/4	3/4	4,588.30	3/4	4,274.31	3/4	3,940.10	3/4	3,596.40	3/4	3,252.68	3/4	2,908.97	3/4	2,565.10	3/4	2,221.19	3/4	1,877.28
10	10	10	4,581.98	10	4,267.56	10	3,932.94	10	3,589.24	10	3,245.52	10	2,901.81	10	2,557.93	10	2,214.02	10	1,870.12
1/4	1/4	1/4	4,575.65	1/4	4,260.81	1/4	3,925.79	1/4	3,582.07	1/4	3,238.36	1/4	2,894.65	1/4	2,550.77	1/4	2,206.86	1/4	1,862.95
1/2	1/2	1/2	4,569.30	1/2	4,254.03	1/2	3,918.63	1/2	3,574.91	1/2	3,231.20	1/2	2,887.49	1/2	2,543.60	1/2	2,199.70	1/2	1,855.79
3/4	3/4	3/4	4,562.95	3/4	4,247.25	3/4	3,911.47	3/4	3,567.75	3/4	3,224.04	3/4	2,880.33	3/4	2,536.44	3/4	2,192.53	3/4	1,848.63
11	11	11	4,556.59	11	4,240.47	11	3,904.31	11	3,560.59	11	3,216.88	11	2,873.17	11	2,529.27	11	2,185.37	11	1,841.46
1/4	1/4	1/4	4,550.24	1/4	4,233.69	1/4	3,897.15	1/4	3,553.43	1/4	3,209.72	1/4	2,866.00	1/4	2,522.11	1/4	2,178.20	1/4	1,834.30
1/2	1/2	1/2	4,543.86	1/2	4,226.88	1/2	3,889.98	1/2	3,546.27	1/2	3,202.56	1/2	2,858.84	1/2	2,514.94	1/2	2,171.04	1/2	1,827.13
3/4	3/4	3/4	4,537.47	3/4	4,220.06	3/4	3,882.82	3/4	3,539.11	3/4	3,195.40	3/4	2,851.68	3/4	2,507.78	3/4	2,163.87	3/4	1,819.97

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 339"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,812.80	0	1,468.90	0	1,125.41	0	795.28	0	451.54	0	107.66	0		0		0		0	
1/4	1,805.64	1/4	1,461.73	1/4	1,118.39	1/4	788.26	1/4	444.37	1/4	100.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,798.47	1/2	1,454.57	1/2	1,111.51	1/2	781.10	1/2	437.21	1/2	93.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,791.31	3/4	1,447.40	3/4	1,104.63	3/4	773.93	3/4	430.04	3/4	86.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,784.14	1	1,440.24	1	1,097.74	1	766.77	1	422.88	1	79.08	1	1	1	1	1	1	1	1
1/4	1,776.98	1/4	1,433.07	1/4	1,090.86	1/4	759.60	1/4	415.71	1/4	71.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,769.81	1/2	1,425.91	1/2	1,083.99	1/2	752.44	1/2	408.55	1/2	65.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,762.65	3/4	1,418.74	3/4	1,077.11	3/4	745.28	3/4	401.38	3/4	58.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,755.48	2	1,411.58	2	1,070.24	2	738.11	2	394.22	2	51.84	2	2	2	2	2	2	2	2
1/4	1,748.32	1/4	1,404.41	1/4	1,063.36	1/4	730.95	1/4	387.06	1/4	45.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,741.15	1/2	1,397.25	1/2	1,056.49	1/2	723.78	1/2	379.89	1/2	39.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,733.99	3/4	1,390.08	3/4	1,049.62	3/4	716.62	3/4	372.73	3/4	34.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,726.83	3	1,382.92	3	1,042.76	3	709.45	3	365.56	3	29.02	3	3	3	3	3	3	3	3
1/4	1,719.66	1/4	1,375.75	1/4	1,035.89	1/4	702.29	1/4	358.40	1/4	23.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,712.50	1/2	1,368.59	1/2	1,029.02	1/2	695.12	1/2	351.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,705.33	3/4	1,361.43	3/4	1,022.16	3/4	687.96	3/4	344.07	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,698.17	4	1,354.26	4	1,015.29	4	680.80	4	336.90	4	4	4	4	4	4	4	4	4	4
1/4	1,691.00	1/4	1,347.10	1/4	1,008.43	1/4	673.63	1/4	329.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,683.84	1/2	1,339.93	1/2	1,001.57	1/2	666.47	1/2	322.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,676.67	3/4	1,332.77	3/4	994.71	3/4	659.30	3/4	315.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,669.51	5	1,325.60	5	987.85	5	652.14	5	308.25	5	5	5	5	5	5	5	5	5	5
1/4	1,662.34	1/4	1,318.44	1/4	980.99	1/4	644.97	1/4	301.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,655.18	1/2	1,311.27	1/2	974.12	1/2	637.81	1/2	293.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,648.01	3/4	1,304.11	3/4	967.26	3/4	630.65	3/4	286.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,640.85	6	1,296.94	6	960.40	6	623.48	6	279.59	6	6	6	6	6	6	6	6	6	6
1/4	1,633.68	1/4	1,289.78	1/4	953.54	1/4	616.32	1/4	272.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,626.52	1/2	1,282.61	1/2	946.68	1/2	609.15	1/2	265.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,619.35	3/4	1,275.45	3/4	939.82	3/4	601.99	3/4	258.10	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,612.19	7	1,268.28	7	932.96	7	594.82	7	250.93	7	7	7	7	7	7	7	7	7	7
1/4	1,605.03	1/4	1,261.12	1/4	926.10	1/4	587.66	1/4	243.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,597.86	1/2	1,253.95	1/2	919.24	1/2	580.49	1/2	236.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,590.70	3/4	1,246.79	3/4	912.37	3/4	573.33	3/4	229.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,583.53	8	1,239.63	8	905.51	8	566.17	8	222.27	8	8	8	8	8	8	8	8	8	8
1/4	1,576.37	1/4	1,232.46	1/4	898.65	1/4	559.00	1/4	215.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,569.20	1/2	1,225.30	1/2	891.79	1/2	551.84	1/2	207.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,562.04	3/4	1,218.13	3/4	884.93	3/4	544.67	3/4	200.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,554.87	9	1,210.97	9	878.07	9	537.51	9	193.62	9	9	9	9	9	9	9	9	9	9
1/4	1,547.71	1/4	1,203.80	1/4	871.21	1/4	530.34	1/4	186.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,540.54	1/2	1,196.64	1/2	864.35	1/2	523.18	1/2	179.29	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,533.38	3/4	1,189.47	3/4	857.49	3/4	516.01	3/4	172.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,526.21	10	1,182.31	10	850.62	10	508.85	10	164.96	10	10	10	10	10	10	10	10	10	10
1/4	1,519.05	1/4	1,175.14	1/4	843.76	1/4	501.69	1/4	157.79	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,511.88	1/2	1,167.98	1/2	836.90	1/2	494.52	1/2	150.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,504.72	3/4	1,160.81	3/4	830.04	3/4	487.36	3/4	143.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,497.55	11	1,153.65	11	823.18	11	480.19	11	136.30	11	11	11	11	11	11	11	11	11	11
1/4	1,490.39	1/4	1,146.48	1/4	816.32	1/4	473.03	1/4	129.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,483.23	1/2	1,139.46	1/2	809.30	1/2	465.86	1/2	121.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,476.06	3/4	1,132.44	3/4	802.29	3/4	458.70	3/4	114.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW
CALCULATED: 04/15/2014 CL
PRINTED: 04/16/2014 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 339"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.															
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0														
					4,538.59				4,220.32				3,882.39				3,538.68				3,194.97				2,851.24				2,507.34				2,163.43
1/4	1/4			1/4	4,532.18	1/4		1/4	4,213.46	1/4		1/4	3,875.23	1/4		1/4	3,531.52	1/4		1/4	3,187.80	1/4		1/4	2,844.08	1/4		1/4	2,500.17	1/4		1/4	2,156.27
1/2	1/2		4,840.06	1/2	4,525.76	1/2		1/2	4,206.60	1/2		1/2	3,868.07	1/2		1/2	3,524.36	1/2		1/2	3,180.64	1/2		1/2	2,836.91	1/2		1/2	2,493.01	1/2		1/2	2,149.10
3/4	3/4		4,834.39	3/4	4,519.34	3/4		3/4	4,199.74	3/4		3/4	3,860.91	3/4		3/4	3,517.20	3/4		3/4	3,173.48	3/4		3/4	2,829.75	3/4		3/4	2,485.84	3/4		3/4	2,141.94
1	1		4,828.72	1	4,512.93	1		1	4,192.88	1		1	3,853.75	1		1	3,510.04	1		1	3,166.32	1		1	2,822.59	1		1	2,478.68	1		1	2,134.77
1/4	1/4		4,821.97	1/4	4,506.46	1/4		1/4	4,185.97	1/4		1/4	3,846.59	1/4		1/4	3,502.88	1/4		1/4	3,159.16	1/4		1/4	2,815.42	1/4		1/4	2,471.51	1/4		1/4	2,127.61
1/2	1/2		4,815.23	1/2	4,499.99	1/2		1/2	4,179.07	1/2		1/2	3,839.43	1/2		1/2	3,495.71	1/2		1/2	3,152.00	1/2		1/2	2,808.26	1/2		1/2	2,464.35	1/2		1/2	2,120.44
3/4	3/4		4,808.48	3/4	4,493.53	3/4		3/4	4,172.16	3/4		3/4	3,832.27	3/4		3/4	3,488.55	3/4		3/4	3,144.84	3/4		3/4	2,801.09	3/4		3/4	2,457.19	3/4		3/4	2,113.28
2	2		4,801.74	2	4,487.06	2		2	4,165.26	2		2	3,825.11	2		2	3,481.39	2		2	3,137.68	2		2	2,793.93	2		2	2,450.02	2		2	2,106.12
1/4	1/4		4,794.63	1/4	4,480.54	1/4		1/4	4,158.32	1/4		1/4	3,817.95	1/4		1/4	3,474.23	1/4		1/4	3,130.52	1/4		1/4	2,786.76	1/4		1/4	2,442.86	1/4		1/4	2,098.95
1/2	1/2		4,787.53	1/2	4,474.02	1/2		1/2	4,151.39	1/2		1/2	3,810.79	1/2		1/2	3,467.07	1/2		1/2	3,123.36	1/2		1/2	2,779.60	1/2		1/2	2,435.69	1/2		1/2	2,091.79
3/4	3/4		4,780.42	3/4	4,467.50	3/4		3/4	4,144.45	3/4		3/4	3,803.62	3/4		3/4	3,459.91	3/4		3/4	3,116.20	3/4		3/4	2,772.43	3/4		3/4	2,428.53	3/4		3/4	2,084.62
3	3		4,773.32	3	4,460.98	3		3	4,137.52	3		3	3,796.46	3		3	3,452.75	3		3	3,109.04	3		3	2,765.27	3		3	2,421.36	3		3	2,077.46
1/4	1/4		4,766.22	1/4	4,454.43	1/4		1/4	4,130.55	1/4		1/4	3,789.30	1/4		1/4	3,445.59	1/4		1/4	3,101.88	1/4		1/4	2,758.10	1/4		1/4	2,414.20	1/4		1/4	2,070.29
1/2	1/2		4,759.11	1/2	4,447.87	1/2		1/2	4,123.58	1/2		1/2	3,782.14	1/2		1/2	3,438.43	1/2		1/2	3,094.72	1/2		1/2	2,750.94	1/2		1/2	2,407.03	1/2		1/2	2,063.13
3/4	3/4		4,752.01	3/4	4,441.32	3/4		3/4	4,116.61	3/4		3/4	3,774.98	3/4		3/4	3,431.27	3/4		3/4	3,087.55	3/4		3/4	2,743.77	3/4		3/4	2,399.87	3/4		3/4	2,055.96
4	4		4,744.91	4	4,434.76	4		4	4,109.65	4		4	3,767.82	4		4	3,424.11	4		4	3,080.39	4		4	2,736.61	4		4	2,392.70	4		4	2,048.80
1/4	1/4		4,737.80	1/4	4,428.17	1/4		1/4	4,102.65	1/4		1/4	3,760.66	1/4		1/4	3,416.95	1/4		1/4	3,073.23	1/4		1/4	2,729.44	1/4		1/4	2,385.54	1/4		1/4	2,041.63
1/2	1/2		4,730.70	1/2	4,421.58	1/2		1/2	4,095.65	1/2		1/2	3,753.50	1/2		1/2	3,409.79	1/2		1/2	3,066.07	1/2		1/2	2,722.28	1/2		1/2	2,378.37	1/2		1/2	2,034.47
3/4	3/4		4,723.60	3/4	4,414.99	3/4		3/4	4,088.65	3/4		3/4	3,746.34	3/4		3/4	3,402.63	3/4		3/4	3,058.91	3/4		3/4	2,715.11	3/4		3/4	2,371.21	3/4		3/4	2,027.30
5	5		4,716.49	5	4,408.40	5		5	4,081.65	5		5	3,739.18	5		5	3,395.46	5		5	3,051.75	5		5	2,707.95	5		5	2,364.04	5		5	2,020.14
1/4	1/4		4,709.84	1/4	4,401.78	1/4		1/4	4,074.62	1/4		1/4	3,732.02	1/4		1/4	3,388.30	1/4		1/4	3,044.59	1/4		1/4	2,700.79	1/4		1/4	2,356.88	1/4		1/4	2,012.97
1/2	1/2		4,703.18	1/2	4,395.16	1/2		1/2	4,067.58	1/2		1/2	3,724.86	1/2		1/2	3,381.14	1/2		1/2	3,037.43	1/2		1/2	2,693.62	1/2		1/2	2,349.71	1/2		1/2	2,005.81
3/4	3/4		4,696.53	3/4	4,388.54	3/4		3/4	4,060.55	3/4		3/4	3,717.70	3/4		3/4	3,373.98	3/4		3/4	3,030.27	3/4		3/4	2,686.46	3/4		3/4	2,342.55	3/4		3/4	1,998.64
6	6		4,689.87	6	4,381.92	6		6	4,053.51	6		6	3,710.54	6		6	3,366.82	6		6	3,023.11	6		6	2,679.29	6		6	2,335.39	6		6	1,991.48
1/4	1/4		4,683.65	1/4	4,375.26	1/4		1/4	4,046.44	1/4		1/4	3,703.37	1/4		1/4	3,359.66	1/4		1/4	3,015.95	1/4		1/4	2,672.13	1/4		1/4	2,328.22	1/4		1/4	1,984.32
1/2	1/2		4,677.43	1/2	4,368.61	1/2		1/2	4,039.37	1/2		1/2	3,696.21	1/2		1/2	3,352.50	1/2		1/2	3,008.79	1/2		1/2	2,664.96	1/2		1/2	2,321.06	1/2		1/2	1,977.15
3/4	3/4		4,671.21	3/4	4,361.96	3/4		3/4	4,032.30	3/4		3/4	3,689.05	3/4		3/4	3,345.34	3/4		3/4	3,001.63	3/4		3/4	2,657.80	3/4		3/4	2,313.89	3/4		3/4	1,969.99
7	7		4,664.98	7	4,355.30	7		7	4,025.23	7		7	3,681.89	7		7	3,338.18	7		7	2,994.47	7		7	2,650.63	7		7	2,306.73	7		7	1,962.82
1/4	1/4		4,658.73	1/4	4,348.62	1/4		1/4	4,018.13	1/4		1/4	3,674.73	1/4		1/4	3,331.02	1/4		1/4	2,987.30	1/4		1/4	2,643.47	1/4		1/4	2,299.56	1/4		1/4	1,955.66
1/2	1/2		4,652.48	1/2	4,341.93	1/2		1/2	4,011.03	1/2		1/2	3,667.57	1/2		1/2	3,323.86	1/2		1/2	2,980.14	1/2		1/2	2,636.30	1/2		1/2	2,292.40	1/2		1/2	1,948.49
3/4	3/4		4,646.23	3/4	4,335.25	3/4		3/4	4,003.93	3/4		3/4	3,660.41	3/4		3/4	3,316.70	3/4		3/4	2,972.98	3/4		3/4	2,629.14	3/4		3/4	2,285.23	3/4		3/4	1,941.33
8	8		4,639.97	8	4,328.56	8		8	3,996.83	8		8	3,653.25	8		8	3,309.54	8		8	2,965.82	8		8	2,621.97	8		8	2,278.07	8		8	1,934.16
1/4	1/4		4,633.69	1/4	4,321.85	1/4		1/4	3,989.69	1/4		1/4	3,646.09	1/4		1/4	3,302.38	1/4		1/4	2,958.66	1/4		1/4	2,614.81	1/4		1/4	2,270.90	1/4		1/4	1,927.00
1/2	1/2		4,627.40	1/2	4,315.13	1/2		1/2	3,982.56	1/2		1/2	3,638.93	1/2		1/2	3,295.21	1/2		1/2	2,951.50	1/2		1/2	2,607.64	1/2		1/2	2,263.74	1/2		1/2	1,919.83
3/4	3/4		4,621.12	3/4	4,308.41	3/4		3/4	3,975.43	3/4		3/4	3,631.77	3/4		3/4	3,288.05	3/4		3/4	2,944.34	3/4		3/4	2,600.48	3/4		3/4	2,256.57	3/4		3/4	1,912.67
9	9		4,614.83	9	4,301.70	9		9	3,968.29	9		9	3,624.61	9		9	3,280.89	9		9	2,937.18	9		9	2,593.31	9		9	2,249.41	9		9	1,905.50
1/4	1/4		4,608.51	1/4	4,294.95	1/4		1/4	3,961.14	1/4		1/4	3,617.45	1/4		1/4	3,																



BARGE "CTCo 339"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,819.53	0	1,475.62	0	1,131.72	0	788.26	0	444.37	0	100.51	0		0		0		0	
1/4	1,812.36	1/4	1,468.46	1/4	1,124.55	1/4	781.10	1/4	437.21	1/4	93.36	1/4		1/4		1/4		1/4	
1/2	1,805.20	1/2	1,461.29	1/2	1,117.39	1/2	773.93	1/2	430.04	1/2	86.22	1/2		1/2		1/2		1/2	
3/4	1,798.03	3/4	1,454.13	3/4	1,110.22	3/4	766.77	3/4	422.88	3/4	79.08	3/4		3/4		3/4		3/4	
1	1,790.87	1	1,446.96	1	1,103.06	1	759.61	1	415.71	1	71.94	1		1		1		1	
1/4	1,783.70	1/4	1,439.80	1/4	1,095.90	1/4	752.44	1/4	408.55	1/4	65.24	1/4		1/4		1/4		1/4	
1/2	1,776.54	1/2	1,432.63	1/2	1,088.73	1/2	745.28	1/2	401.39	1/2	58.54	1/2		1/2		1/2		1/2	
3/4	1,769.37	3/4	1,425.47	3/4	1,081.57	3/4	738.11	3/4	394.22	3/4	51.84	3/4		3/4		3/4		3/4	
2	1,762.21	2	1,418.30	2	1,074.41	2	730.95	2	387.06	2	45.14	2		2		2		2	
1/4	1,755.04	1/4	1,411.14	1/4	1,067.25	1/4	723.78	1/4	379.89	1/4	39.77	1/4		1/4		1/4		1/4	
1/2	1,747.88	1/2	1,403.97	1/2	1,060.09	1/2	716.62	1/2	372.73	1/2	34.40	1/2		1/2		1/2		1/2	
3/4	1,740.72	3/4	1,396.81	3/4	1,052.93	3/4	709.45	3/4	365.56	3/4	29.02	3/4		3/4		3/4		3/4	
3	1,733.55	3	1,389.65	3	1,045.77	3	702.29	3	358.40	3	23.65	3		3		3		3	
1/4	1,726.39	1/4	1,382.48	1/4	1,038.62	1/4	695.13	1/4	351.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,719.22	1/2	1,375.32	1/2	1,031.46	1/2	687.96	1/2	344.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,712.06	3/4	1,368.15	3/4	1,024.31	3/4	680.80	3/4	336.91	3/4		3/4		3/4		3/4		3/4	
4	1,704.89	4	1,360.99	4	1,017.15	4	673.63	4	329.74	4		4		4		4		4	
1/4	1,697.73	1/4	1,353.82	1/4	1,010.00	1/4	666.47	1/4	322.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,690.56	1/2	1,346.66	1/2	1,002.85	1/2	659.30	1/2	315.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,683.40	3/4	1,339.49	3/4	995.70	3/4	652.14	3/4	308.25	3/4		3/4		3/4		3/4		3/4	
5	1,676.23	5	1,332.33	5	988.54	5	644.97	5	301.08	5		5		5		5		5	
1/4	1,669.07	1/4	1,325.16	1/4	981.39	1/4	637.81	1/4	293.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,661.90	1/2	1,318.00	1/2	974.24	1/2	630.65	1/2	286.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,654.74	3/4	1,310.83	3/4	967.09	3/4	623.48	3/4	279.59	3/4		3/4		3/4		3/4		3/4	
6	1,647.57	6	1,303.67	6	959.94	6	616.32	6	272.43	6		6		6		6		6	
1/4	1,640.41	1/4	1,296.50	1/4	952.79	1/4	609.15	1/4	265.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,633.24	1/2	1,289.34	1/2	945.63	1/2	601.99	1/2	258.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,626.08	3/4	1,282.17	3/4	938.48	3/4	594.82	3/4	250.93	3/4		3/4		3/4		3/4		3/4	
7	1,618.92	7	1,275.01	7	931.33	7	587.66	7	243.77	7		7		7		7		7	
1/4	1,611.75	1/4	1,267.85	1/4	924.18	1/4	580.50	1/4	236.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,604.59	1/2	1,260.68	1/2	917.03	1/2	573.33	1/2	229.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,597.42	3/4	1,253.52	3/4	909.87	3/4	566.17	3/4	222.28	3/4		3/4		3/4		3/4		3/4	
8	1,590.26	8	1,246.35	8	902.72	8	559.00	8	215.11	8		8		8		8		8	
1/4	1,583.09	1/4	1,239.19	1/4	895.57	1/4	551.84	1/4	207.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,575.93	1/2	1,232.02	1/2	888.42	1/2	544.67	1/2	200.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,568.76	3/4	1,224.86	3/4	881.27	3/4	537.51	3/4	193.62	3/4		3/4		3/4		3/4		3/4	
9	1,561.60	9	1,217.69	9	874.12	9	530.34	9	186.45	9		9		9		9		9	
1/4	1,554.43	1/4	1,210.53	1/4	866.96	1/4	523.18	1/4	179.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,547.27	1/2	1,203.36	1/2	859.81	1/2	516.02	1/2	172.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,540.10	3/4	1,196.20	3/4	852.66	3/4	508.85	3/4	164.96	3/4		3/4		3/4		3/4		3/4	
10	1,532.94	10	1,189.03	10	845.51	10	501.69	10	157.80	10		10		10		10		10	
1/4	1,525.77	1/4	1,181.87	1/4	838.36	1/4	494.52	1/4	150.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,518.61	1/2	1,174.70	1/2	831.21	1/2	487.36	1/2	143.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,511.44	3/4	1,167.54	3/4	824.05	3/4	480.19	3/4	136.30	3/4		3/4		3/4		3/4		3/4	
11	1,504.28	11	1,160.37	11	816.90	11	473.03	11	129.14	11		11		11		11		11	
1/4	1,497.12	1/4	1,153.21	1/4	809.74	1/4	465.86	1/4	121.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,489.95	1/2	1,146.05	1/2	802.58	1/2	458.70	1/2	114.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,482.79	3/4	1,138.88	3/4	795.42	3/4	451.54	3/4	107.66	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW
CALCULATED: 04/15/2014 CL
PRINTED: 04/16/2014 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 339"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.							
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0				
					4,439.19				4,206.23				3,707.04				3,010.97				2,647.33				2,284.65
1/4	1/4	1/4	1/4	1/4	4,434.51	1/4	1/4	1/4	4,201.23	1/4	1/4	1/4	3,701.79	1/4	1/4	1/4	3,003.40	1/4	1/4	1/4	2,639.75	1/4	1/4	1/4	2,277.12
1/2	1/2	1/2	1/2	1/2	4,429.80	1/2	1/2	1/2	4,196.20	1/2	1/2	1/2	3,696.54	1/2	1/2	1/2	3,359.22	1/2	1/2	1/2	2,995.82	1/2	1/2	1/2	2,669.60
3/4	3/4	3/4	3/4	3/4	4,425.10	3/4	3/4	3/4	4,191.18	3/4	3/4	3/4	3,691.30	3/4	3/4	3/4	3,351.67	3/4	3/4	3/4	2,988.24	3/4	3/4	3/4	2,626.08
1	1	1	1	1	4,650.42	1	1	1	4,420.39	1	1	1	3,937.89	1	1	1	3,344.12	1	1	1	2,980.67	1	1	1	2,254.56
1/4	1/4	1/4	1/4	1/4	4,646.74	1/4	1/4	1/4	4,415.69	1/4	1/4	1/4	3,932.65	1/4	1/4	1/4	3,336.57	1/4	1/4	1/4	2,973.09	1/4	1/4	1/4	2,247.04
1/2	1/2	1/2	1/2	1/2	4,641.91	1/2	1/2	1/2	4,410.95	1/2	1/2	1/2	3,927.40	1/2	1/2	1/2	3,329.00	1/2	1/2	1/2	2,965.52	1/2	1/2	1/2	2,239.52
3/4	3/4	3/4	3/4	3/4	4,637.08	3/4	3/4	3/4	4,406.21	3/4	3/4	3/4	3,922.15	3/4	3/4	3/4	3,321.44	3/4	3/4	3/4	2,957.94	3/4	3/4	3/4	2,232.00
2	2	2	2	2	4,632.26	2	2	2	4,401.47	2	2	2	3,916.91	2	2	2	3,313.88	2	2	2	2,950.37	2	2	2	2,224.48
1/4	1/4	1/4	1/4	1/4	4,627.43	1/4	1/4	1/4	4,396.73	1/4	1/4	1/4	3,911.66	1/4	1/4	1/4	3,306.32	1/4	1/4	1/4	2,942.79	1/4	1/4	1/4	2,216.96
1/2	1/2	1/2	1/2	1/2	4,622.22	1/2	1/2	1/2	4,391.95	1/2	1/2	1/2	3,906.41	1/2	1/2	1/2	3,298.74	1/2	1/2	1/2	2,935.21	1/2	1/2	1/2	2,209.44
3/4	3/4	3/4	3/4	3/4	4,617.01	3/4	3/4	3/4	4,387.17	3/4	3/4	3/4	3,901.17	3/4	3/4	3/4	3,291.17	3/4	3/4	3/4	2,927.64	3/4	3/4	3/4	2,201.92
3	3	3	3	3	4,611.81	3	3	3	4,382.39	3	3	3	3,895.92	3	3	3	3,283.60	3	3	3	2,920.06	3	3	3	2,194.40
1/4	1/4	1/4	1/4	1/4	4,606.60	1/4	1/4	1/4	4,377.61	1/4	1/4	1/4	3,890.67	1/4	1/4	1/4	3,276.03	1/4	1/4	1/4	2,912.49	1/4	1/4	1/4	2,186.88
1/2	1/2	1/2	1/2	1/2	4,601.39	1/2	1/2	1/2	4,372.81	1/2	1/2	1/2	3,885.43	1/2	1/2	1/2	3,268.45	1/2	1/2	1/2	2,904.91	1/2	1/2	1/2	2,179.36
3/4	3/4	3/4	3/4	3/4	4,596.18	3/4	3/4	3/4	4,368.01	3/4	3/4	3/4	3,880.18	3/4	3/4	3/4	3,260.88	3/4	3/4	3/4	2,897.34	3/4	3/4	3/4	2,171.84
4	4	4	4	4	4,590.98	4	4	4	4,363.20	4	4	4	3,874.93	4	4	4	3,253.31	4	4	4	2,889.76	4	4	4	2,164.32
1/4	1/4	1/4	1/4	1/4	4,585.77	1/4	1/4	1/4	4,358.40	1/4	1/4	1/4	3,869.69	1/4	1/4	1/4	3,245.73	1/4	1/4	1/4	2,882.18	1/4	1/4	1/4	2,156.80
1/2	1/2	1/2	1/2	1/2	4,580.56	1/2	1/2	1/2	4,353.57	1/2	1/2	1/2	3,864.44	1/2	1/2	1/2	3,238.16	1/2	1/2	1/2	2,874.61	1/2	1/2	1/2	2,149.28
3/4	3/4	3/4	3/4	3/4	4,575.35	3/4	3/4	3/4	4,348.74	3/4	3/4	3/4	3,859.19	3/4	3/4	3/4	3,230.59	3/4	3/4	3/4	2,867.03	3/4	3/4	3/4	2,141.76
5	5	5	5	5	4,570.15	5	5	5	4,343.91	5	5	5	3,853.95	5	5	5	3,223.01	5	5	5	2,859.46	5	5	5	2,134.24
1/4	1/4	1/4	1/4	1/4	4,564.94	1/4	1/4	1/4	4,339.08	1/4	1/4	1/4	3,848.70	1/4	1/4	1/4	3,215.44	1/4	1/4	1/4	2,851.88	1/4	1/4	1/4	2,126.72
1/2	1/2	1/2	1/2	1/2	4,560.06	1/2	1/2	1/2	4,334.22	1/2	1/2	1/2	3,843.45	1/2	1/2	1/2	3,207.87	1/2	1/2	1/2	2,844.31	1/2	1/2	1/2	2,119.20
3/4	3/4	3/4	3/4	3/4	4,555.18	3/4	3/4	3/4	4,329.37	3/4	3/4	3/4	3,838.20	3/4	3/4	3/4	3,200.30	3/4	3/4	3/4	2,836.73	3/4	3/4	3/4	2,111.68
6	6	6	6	6	4,550.30	6	6	6	4,324.52	6	6	6	3,832.96	6	6	6	3,192.72	6	6	6	2,829.15	6	6	6	2,104.16
1/4	1/4	1/4	1/4	1/4	4,545.42	1/4	1/4	1/4	4,319.66	1/4	1/4	1/4	3,827.71	1/4	1/4	1/4	3,185.15	1/4	1/4	1/4	2,821.58	1/4	1/4	1/4	2,096.64
1/2	1/2	1/2	1/2	1/2	4,540.86	1/2	1/2	1/2	4,314.79	1/2	1/2	1/2	3,822.46	1/2	1/2	1/2	3,177.58	1/2	1/2	1/2	2,814.00	1/2	1/2	1/2	2,089.12
3/4	3/4	3/4	3/4	3/4	4,536.30	3/4	3/4	3/4	4,309.91	3/4	3/4	3/4	3,817.22	3/4	3/4	3/4	3,170.00	3/4	3/4	3/4	2,806.43	3/4	3/4	3/4	2,081.60
7	7	7	7	7	4,531.74	7	7	7	4,305.04	7	7	7	3,811.97	7	7	7	3,162.43	7	7	7	2,798.85	7	7	7	2,074.08
1/4	1/4	1/4	1/4	1/4	4,527.17	1/4	1/4	1/4	4,300.16	1/4	1/4	1/4	3,806.72	1/4	1/4	1/4	3,154.86	1/4	1/4	1/4	2,791.28	1/4	1/4	1/4	2,066.56
1/2	1/2	1/2	1/2	1/2	4,522.59	1/2	1/2	1/2	4,295.26	1/2	1/2	1/2	3,801.48	1/2	1/2	1/2	3,147.28	1/2	1/2	1/2	2,783.70	1/2	1/2	1/2	2,059.04
3/4	3/4	3/4	3/4	3/4	4,518.01	3/4	3/4	3/4	4,290.36	3/4	3/4	3/4	3,796.23	3/4	3/4	3/4	3,139.71	3/4	3/4	3/4	2,776.12	3/4	3/4	3/4	2,051.52
8	8	8	8	8	4,513.42	8	8	8	4,285.46	8	8	8	3,790.98	8	8	8	3,132.14	8	8	8	2,768.55	8	8	8	2,044.00
1/4	1/4	1/4	1/4	1/4	4,508.84	1/4	1/4	1/4	4,280.56	1/4	1/4	1/4	3,785.74	1/4	1/4	1/4	3,124.57	1/4	1/4	1/4	2,760.97	1/4	1/4	1/4	2,036.48
1/2	1/2	1/2	1/2	1/2	4,504.23	1/2	1/2	1/2	4,275.64	1/2	1/2	1/2	3,780.49	1/2	1/2	1/2	3,116.99	1/2	1/2	1/2	2,753.40	1/2	1/2	1/2	2,028.96
3/4	3/4	3/4	3/4	3/4	4,499.62	3/4	3/4	3/4	4,270.72	3/4	3/4	3/4	3,775.24	3/4	3/4	3/4	3,109.42	3/4	3/4	3/4	2,745.82	3/4	3/4	3/4	2,021.44
9	9	9	9	9	4,495.01	9	9	9	4,265.79	9	9	9	3,770.00	9	9	9	3,101.85	9	9	9	2,738.25	9	9	9	2,013.92
1/4	1/4	1/4	1/4	1/4	4,490.40	1/4	1/4	1/4	4,260.87	1/4	1/4	1/4	3,764.75	1/4	1/4	1/4	3,094.27	1/4	1/4	1/4	2,730.67	1/4	1/4	1/4	2,006.40
1/2	1/2	1/2	1/2	1/2	4,485.77	1/2	1/2	1/2	4,255.93	1/2	1/2	1/2	3,759.50	1/2	1/2	1/2	3,086.70	1/2	1/2	1/2	2,723.09	1/2	1/2	1/2	1,998.88
3/4	3/4	3/4	3/4	3/4	4,481.13	3/4	3/4	3/4	4,250.98	3/4	3/4	3/4	3,754.26	3/4	3/4	3/4	3,079.13	3/4	3/4	3/4	2,715.52	3/4	3/4	3/4	1,991.36
10	10	10	10	10	4,476.50	10	10	10	4,246.03	10	10	10	3,749.01	10	10	10	3,071.55	10	10	10	2,707.94	10	10	10	1,983.84
1/4	1/4	1/4	1/4	1/4	4,471.86	1/4	1/4	1/4	4,241.09	1/4	1/4	1/4	3,743.76	1/4	1/4	1/4	3,063.98	1/4	1/4	1/4	2,700.37	1/4	1/4	1/4	1,976.32
1/2	1/2	1/2	1/2	1/2	4,467.21	1/2	1/2	1/2	4,236.12	1/2	1/2	1/2	3,738.52	1/2	1/2	1/2	3,056.41	1/2	1/2	1/2	2,692.79	1/2	1/2	1/2	1,968.80
3/4	3/4	3/4	3/4	3/4	4,462.55	3/4	3/4	3/4	4,231.15	3/4	3/4	3/4	3,733.27	3/4	3/4	3/4	3,048.84	3/4	3/4	3/4	2,685.22	3/4	3/4	3/4	1,961.28
11	11	11	11	11	4,457.89	11	11	11	4,226.18	11	11	11	3,728.02	11	11	11	3,041.26	11	11	11	2,677.64	11	11	11	1,953.76
1/4	1/4	1/4	1/4	1/4	4,453.23	1/4	1/4	1/4	4,221.21																



BARGE "CTCo 339"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,923.58	0	1,559.63	0	1,195.96	0	842.35	0	478.29	0	114.15	0		0		0		0	
1/4	1,916.03	1/4	1,552.05	1/4	1,188.49	1/4	834.89	1/4	470.70	1/4	106.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,908.45	1/2	1,544.47	1/2	1,181.11	1/2	827.30	1/2	463.12	1/2	98.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,900.87	3/4	1,536.88	3/4	1,173.74	3/4	819.71	3/4	455.53	3/4	91.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,893.28	1	1,529.30	1	1,166.37	1	812.12	1	447.94	1	83.84	1	1	1	1	1	1	1	1
1/4	1,885.70	1/4	1,521.72	1/4	1,158.99	1/4	804.54	1/4	440.36	1/4	76.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,878.12	1/2	1,514.13	1/2	1,151.63	1/2	796.95	1/2	432.77	1/2	69.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,870.53	3/4	1,506.55	3/4	1,144.26	3/4	789.36	3/4	425.19	3/4	62.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,862.95	2	1,498.97	2	1,136.89	2	781.77	2	417.60	2	54.96	2	2	2	2	2	2	2	2
1/4	1,855.37	1/4	1,491.38	1/4	1,129.53	1/4	774.19	1/4	410.02	1/4	47.85	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,847.79	1/2	1,483.80	1/2	1,122.17	1/2	766.60	1/2	402.43	1/2	42.15	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,840.20	3/4	1,476.22	3/4	1,114.81	3/4	759.01	3/4	394.84	3/4	36.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,832.62	3	1,468.64	3	1,107.45	3	751.43	3	387.26	3	30.76	3	3	3	3	3	3	3	3
1/4	1,825.04	1/4	1,461.05	1/4	1,100.08	1/4	743.84	1/4	379.67	1/4	25.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,817.45	1/2	1,453.47	1/2	1,092.73	1/2	736.25	1/2	372.09	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,809.87	3/4	1,445.89	3/4	1,085.37	3/4	728.66	3/4	364.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,802.29	4	1,438.30	4	1,078.01	4	721.08	4	356.91	4	4	4	4	4	4	4	4	4	4
1/4	1,794.70	1/4	1,430.72	1/4	1,070.66	1/4	713.49	1/4	349.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,787.12	1/2	1,423.14	1/2	1,063.30	1/2	705.90	1/2	341.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,779.54	3/4	1,415.55	3/4	1,055.95	3/4	698.32	3/4	334.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,771.96	5	1,407.97	5	1,048.60	5	690.73	5	326.57	5	5	5	5	5	5	5	5	5	5
1/4	1,764.37	1/4	1,400.39	1/4	1,041.24	1/4	683.14	1/4	318.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,756.79	1/2	1,392.81	1/2	1,033.89	1/2	675.55	1/2	311.40	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,749.21	3/4	1,385.22	3/4	1,026.54	3/4	667.97	3/4	303.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,741.62	6	1,377.64	6	1,019.18	6	660.38	6	296.23	6	6	6	6	6	6	6	6	6	6
1/4	1,734.04	1/4	1,370.06	1/4	1,011.83	1/4	652.79	1/4	288.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,726.46	1/2	1,362.47	1/2	1,004.48	1/2	645.21	1/2	281.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,718.87	3/4	1,354.89	3/4	997.12	3/4	637.62	3/4	273.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,711.29	7	1,347.31	7	989.77	7	630.03	7	265.88	7	7	7	7	7	7	7	7	7	7
1/4	1,703.71	1/4	1,339.72	1/4	982.42	1/4	622.44	1/4	258.30	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,696.13	1/2	1,332.14	1/2	975.06	1/2	614.86	1/2	250.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,688.54	3/4	1,324.56	3/4	967.71	3/4	607.27	3/4	243.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,680.96	8	1,316.98	8	960.36	8	599.68	8	235.54	8	8	8	8	8	8	8	8	8	8
1/4	1,673.38	1/4	1,309.39	1/4	953.00	1/4	592.09	1/4	227.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,665.79	1/2	1,301.81	1/2	945.65	1/2	584.51	1/2	220.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,658.21	3/4	1,294.23	3/4	938.30	3/4	576.92	3/4	212.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,650.63	9	1,286.64	9	930.94	9	569.33	9	205.19	9	9	9	9	9	9	9	9	9	9
1/4	1,643.04	1/4	1,279.06	1/4	923.59	1/4	561.75	1/4	197.60	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,635.46	1/2	1,271.48	1/2	916.24	1/2	554.16	1/2	190.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,627.88	3/4	1,263.89	3/4	908.88	3/4	546.57	3/4	182.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,620.30	10	1,256.31	10	901.53	10	538.98	10	174.84	10	10	10	10	10	10	10	10	10	10
1/4	1,612.71	1/4	1,248.73	1/4	894.18	1/4	531.40	1/4	167.25	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,605.13	1/2	1,241.15	1/2	886.82	1/2	523.81	1/2	159.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,597.55	3/4	1,233.56	3/4	879.47	3/4	516.22	3/4	152.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,589.96	11	1,225.98	11	872.12	11	508.64	11	144.49	11	11	11	11	11	11	11	11	11	11
1/4	1,582.38	1/4	1,218.40	1/4	864.76	1/4	501.05	1/4	136.90	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,574.80	1/2	1,210.92	1/2	857.29	1/2	493.46	1/2	129.32	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,567.21	3/4	1,203.44	3/4	849.82	3/4	485.87	3/4	121.73	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW
CALCULATED: 04/15/2014 CL
PRINTED: 04/16/2014 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 339"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4	4,455.50	1/4	4,222.27	1/4	3,974.71	1/4	3,722.91	1/4	3,387.48	1/4	3,023.36	1/4	2,658.99	1/4	2,294.27
1/2		1/2		1/2	4,450.80	1/2	4,217.24	1/2	3,969.46	1/2	3,717.67	1/2	3,379.91	1/2	3,015.77	1/2	2,651.39	1/2	2,286.67
3/4		3/4	4,675.07	3/4	4,446.09	3/4	4,212.21	3/4	3,964.22	3/4	3,712.42	3/4	3,372.35	3/4	3,008.18	3/4	2,643.79	3/4	2,279.07
1	1	1	4,671.38	1	4,441.39	1	4,207.19	1	3,958.97	1	3,707.18	1	3,364.78	1	3,000.59	1	2,636.19	1	2,271.47
1/4		1/4	4,667.70	1/4	4,436.69	1/4	4,202.16	1/4	3,953.72	1/4	3,701.93	1/4	3,357.21	1/4	2,993.00	1/4	2,628.60	1/4	2,263.88
1/2		1/2	4,662.87	1/2	4,431.95	1/2	4,197.10	1/2	3,948.48	1/2	3,696.68	1/2	3,349.63	1/2	2,985.41	1/2	2,621.00	1/2	2,256.28
3/4		3/4	4,658.04	3/4	4,427.21	3/4	4,192.04	3/4	3,943.23	3/4	3,691.44	3/4	3,342.05	3/4	2,977.81	3/4	2,613.40	3/4	2,248.68
2	2	2	4,653.21	2	4,422.47	2	4,186.98	2	3,937.99	2	3,686.19	2	3,334.48	2	2,970.22	2	2,605.80	2	2,241.08
1/4		1/4	4,648.39	1/4	4,417.72	1/4	4,181.93	1/4	3,932.74	1/4	3,680.95	1/4	3,326.90	1/4	2,962.63	1/4	2,598.20	1/4	2,233.48
1/2		1/2	4,643.18	1/2	4,412.95	1/2	4,176.85	1/2	3,927.50	1/2	3,675.12	1/2	3,319.31	1/2	2,955.04	1/2	2,590.60	1/2	2,225.89
3/4		3/4	4,637.97	3/4	4,408.17	3/4	4,171.77	3/4	3,922.25	3/4	3,669.28	3/4	3,311.72	3/4	2,947.45	3/4	2,583.01	3/4	2,218.29
3	3	3	4,632.77	3	4,403.39	3	4,166.68	3	3,917.00	3	3,663.45	3	3,304.13	3	2,939.86	3	2,575.41	3	2,210.69
1/4		1/4	4,627.56	1/4	4,398.62	1/4	4,161.60	1/4	3,911.76	1/4	3,657.62	1/4	3,296.55	1/4	2,932.27	1/4	2,567.81	1/4	2,203.09
1/2		1/2	4,622.35	1/2	4,393.81	1/2	4,156.50	1/2	3,906.51	1/2	3,650.62	1/2	3,288.96	1/2	2,924.68	1/2	2,560.21	1/2	2,195.49
3/4		3/4	4,617.15	3/4	4,389.01	3/4	4,151.40	3/4	3,901.27	3/4	3,643.63	3/4	3,281.37	3/4	2,917.09	3/4	2,552.61	3/4	2,187.89
4	4	4	4,611.94	4	4,384.21	4	4,146.29	4	3,896.02	4	3,636.64	4	3,273.78	4	2,909.50	4	2,545.01	4	2,180.30
1/4		1/4	4,606.73	1/4	4,379.40	1/4	4,141.19	1/4	3,890.78	1/4	3,629.64	1/4	3,266.19	1/4	2,901.90	1/4	2,537.42	1/4	2,172.70
1/2		1/2	4,601.53	1/2	4,374.58	1/2	4,136.06	1/2	3,885.53	1/2	3,622.08	1/2	3,258.60	1/2	2,894.31	1/2	2,529.82	1/2	2,165.10
3/4		3/4	4,596.32	3/4	4,369.75	3/4	4,130.93	3/4	3,880.28	3/4	3,614.51	3/4	3,251.02	3/4	2,886.72	3/4	2,522.22	3/4	2,157.50
5	5	5	4,591.11	5	4,364.92	5	4,125.81	5	3,875.04	5	3,606.94	5	3,243.43	5	2,879.13	5	2,514.62	5	2,149.90
1/4		1/4	4,585.91	1/4	4,360.09	1/4	4,120.68	1/4	3,869.79	1/4	3,599.37	1/4	3,235.84	1/4	2,871.54	1/4	2,507.02	1/4	2,142.30
1/2		1/2	4,581.03	1/2	4,355.24	1/2	4,115.53	1/2	3,864.55	1/2	3,591.81	1/2	3,228.25	1/2	2,863.95	1/2	2,499.42	1/2	2,134.71
3/4		3/4	4,576.15	3/4	4,350.38	3/4	4,110.37	3/4	3,859.30	3/4	3,584.24	3/4	3,220.66	3/4	2,856.36	3/4	2,491.83	3/4	2,127.11
6	6	6	4,571.27	6	4,345.53	6	4,105.22	6	3,854.06	6	3,576.67	6	3,213.07	6	2,848.77	6	2,484.23	6	2,119.51
1/4		1/4	4,566.39	1/4	4,340.68	1/4	4,100.07	1/4	3,848.81	1/4	3,569.10	1/4	3,205.49	1/4	2,841.18	1/4	2,476.63	1/4	2,111.91
1/2		1/2	4,561.83	1/2	4,335.80	1/2	4,094.89	1/2	3,843.56	1/2	3,561.54	1/2	3,197.90	1/2	2,833.59	1/2	2,469.03	1/2	2,104.31
3/4		3/4	4,557.27	3/4	4,330.93	3/4	4,089.71	3/4	3,838.32	3/4	3,553.97	3/4	3,190.31	3/4	2,825.99	3/4	2,461.43	3/4	2,096.71
7	7	7	4,552.71	7	4,326.05	7	4,084.53	7	3,833.07	7	3,546.40	7	3,182.72	7	2,818.40	7	2,453.83	7	2,089.12
1/4		1/4	4,548.15	1/4	4,321.18	1/4	4,079.35	1/4	3,827.83	1/4	3,538.83	1/4	3,175.13	1/4	2,810.81	1/4	2,446.24	1/4	2,081.52
1/2		1/2	4,543.57	1/2	4,316.28	1/2	4,074.15	1/2	3,822.58	1/2	3,531.27	1/2	3,167.54	1/2	2,803.22	1/2	2,438.64	1/2	2,073.92
3/4		3/4	4,538.98	3/4	4,311.38	3/4	4,068.94	3/4	3,817.34	3/4	3,523.70	3/4	3,159.96	3/4	2,795.63	3/4	2,431.04	3/4	2,066.32
8	8	8	4,534.40	8	4,306.48	8	4,063.74	8	3,812.09	8	3,516.13	8	3,152.37	8	2,788.04	8	2,423.44	8	2,058.72
1/4		1/4	4,529.82	1/4	4,301.58	1/4	4,058.54	1/4	3,806.84	1/4	3,508.56	1/4	3,144.78	1/4	2,780.45	1/4	2,415.84	1/4	2,051.12
1/2		1/2	4,525.21	1/2	4,296.66	1/2	4,053.31	1/2	3,801.60	1/2	3,501.00	1/2	3,137.19	1/2	2,772.86	1/2	2,408.24	1/2	2,043.53
3/4		3/4	4,520.60	3/4	4,291.74	3/4	4,048.09	3/4	3,796.35	3/4	3,493.43	3/4	3,129.60	3/4	2,765.27	3/4	2,400.65	3/4	2,035.93
9	9	9	4,515.99	9	4,286.82	9	4,042.86	9	3,791.11	9	3,485.86	9	3,122.01	9	2,757.68	9	2,393.05	9	2,028.33
1/4		1/4	4,511.38	1/4	4,281.90	1/4	4,037.64	1/4	3,785.86	1/4	3,478.29	1/4	3,114.43	1/4	2,750.08	1/4	2,385.45	1/4	2,020.73
1/2		1/2	4,506.75	1/2	4,276.95	1/2	4,032.40	1/2	3,780.62	1/2	3,470.73	1/2	3,106.84	1/2	2,742.49	1/2	2,377.85	1/2	2,013.13
3/4		3/4	4,502.12	3/4	4,272.01	3/4	4,027.16	3/4	3,775.37	3/4	3,463.16	3/4	3,099.25	3/4	2,734.90	3/4	2,370.25	3/4	2,005.53
10	10	10	4,497.48	10	4,267.06	10	4,021.91	10	3,770.12	10	3,455.59	10	3,091.66	10	2,727.31	10	2,362.65	10	1,997.94
1/4		1/4	4,492.85	1/4	4,262.12	1/4	4,016.67	1/4	3,764.88	1/4	3,448.02	1/4	3,084.07	1/4	2,719.72	1/4	2,355.06	1/4	1,990.34
1/2		1/2	4,488.19	1/2	4,257.15	1/2	4,011.43	1/2	3,759.63	1/2	3,440.45	1/2	3,076.48	1/2	2,712.13	1/2	2,347.46	1/2	1,982.74
3/4		3/4	4,483.53	3/4	4,252.18	3/4	4,006.18	3/4	3,754.39	3/4	3,432.89	3/4	3,068.90	3/4	2,704.54	3/4	2,339.86	3/4	1,975.14
11	11	11	4,478.88	11	4,247.21	11	4,000.94	11	3,749.14	11	3,425.32	11	3,061.31	11	2,696.95	11	2,332.26	11	1,967.54
1/4		1/4	4,474.22	1/4	4,242.24	1/4	3,995.69	1/4	3,743.90	1/4	3,417.75	1/4	3,053.72	1/4	2,689.36	1/4	2,324.66	1/4	1,959.94
1/2		1/2	4,469.54	1/2	4,237.25	1/2	3,990.44	1/2	3,738.65	1/2	3,410.18	1/2	3,046.13	1/2	2,681.76	1/2	2,317.06	1/2	1,952.35
3/4		3/4	4,464.86	3/4	4,232.26	3/4	3,985.20	3/4	3,733.40	3/4	3,402.62	3/4	3,038.54	3/4	2,674.17	3/4	2,309.47	3/4	1,944.75

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 339"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,937.15	0	1,572.43	0	1,207.71	0	843.54	0	478.84	0	114.16	0		0		0		0	
1/4	1,929.55	1/4	1,564.83	1/4	1,200.11	1/4	835.95	1/4	471.24	1/4	106.57	1/4		1/4		1/4		1/4	
1/2	1,921.95	1/2	1,557.23	1/2	1,192.52	1/2	828.35	1/2	463.65	1/2	98.99	1/2		1/2		1/2		1/2	
3/4	1,914.35	3/4	1,549.64	3/4	1,184.92	3/4	820.75	3/4	456.05	3/4	91.42	3/4		3/4		3/4		3/4	
1	1,906.76	1	1,542.04	1	1,177.32	1	813.15	1	448.45	1	83.85	1		1		1		1	
1/4	1,899.16	1/4	1,534.44	1/4	1,169.72	1/4	805.56	1/4	440.85	1/4	76.27	1/4		1/4		1/4		1/4	
1/2	1,891.56	1/2	1,526.84	1/2	1,162.13	1/2	797.96	1/2	433.25	1/2	69.17	1/2		1/2		1/2		1/2	
3/4	1,883.96	3/4	1,519.24	3/4	1,154.53	3/4	790.36	3/4	425.66	3/4	62.06	3/4		3/4		3/4		3/4	
2	1,876.36	2	1,511.64	2	1,146.94	2	782.76	2	418.06	2	54.96	2		2		2		2	
1/4	1,868.77	1/4	1,504.05	1/4	1,139.34	1/4	775.16	1/4	410.46	1/4	47.85	1/4		1/4		1/4		1/4	
1/2	1,861.17	1/2	1,496.45	1/2	1,131.75	1/2	767.57	1/2	402.86	1/2	42.16	1/2		1/2		1/2		1/2	
3/4	1,853.57	3/4	1,488.85	3/4	1,124.16	3/4	759.97	3/4	395.26	3/4	36.46	3/4		3/4		3/4		3/4	
3	1,845.97	3	1,481.25	3	1,116.57	3	752.37	3	387.67	3	30.76	3		3		3		3	
1/4	1,838.37	1/4	1,473.65	1/4	1,108.98	1/4	744.77	1/4	380.07	1/4	25.06	1/4		1/4		1/4		1/4	
1/2	1,830.77	1/2	1,466.06	1/2	1,101.40	1/2	737.17	1/2	372.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,823.18	3/4	1,458.46	3/4	1,093.81	3/4	729.58	3/4	364.87	3/4		3/4		3/4		3/4		3/4	
4	1,815.58	4	1,450.86	4	1,086.22	4	721.98	4	357.27	4		4		4		4		4	
1/4	1,807.98	1/4	1,443.26	1/4	1,078.64	1/4	714.38	1/4	349.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,800.38	1/2	1,435.66	1/2	1,071.05	1/2	706.78	1/2	342.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,792.78	3/4	1,428.06	3/4	1,063.47	3/4	699.18	3/4	334.48	3/4		3/4		3/4		3/4		3/4	
5	1,785.18	5	1,420.47	5	1,055.89	5	691.59	5	326.88	5		5		5		5		5	
1/4	1,777.59	1/4	1,412.87	1/4	1,048.30	1/4	683.99	1/4	319.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,769.99	1/2	1,405.27	1/2	1,040.72	1/2	676.39	1/2	311.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,762.39	3/4	1,397.67	3/4	1,033.14	3/4	668.79	3/4	304.09	3/4		3/4		3/4		3/4		3/4	
6	1,754.79	6	1,390.07	6	1,025.56	6	661.19	6	296.49	6		6		6		6		6	
1/4	1,747.19	1/4	1,382.47	1/4	1,017.97	1/4	653.60	1/4	288.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,739.59	1/2	1,374.88	1/2	1,010.39	1/2	646.00	1/2	281.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,732.00	3/4	1,367.28	3/4	1,002.81	3/4	638.40	3/4	273.70	3/4		3/4		3/4		3/4		3/4	
7	1,724.40	7	1,359.68	7	995.22	7	630.80	7	266.10	7		7		7		7		7	
1/4	1,716.80	1/4	1,352.08	1/4	987.64	1/4	623.20	1/4	258.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,709.20	1/2	1,344.48	1/2	980.06	1/2	615.61	1/2	250.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,701.60	3/4	1,336.88	3/4	972.47	3/4	608.01	3/4	243.30	3/4		3/4		3/4		3/4		3/4	
8	1,694.00	8	1,329.29	8	964.89	8	600.41	8	235.71	8		8		8		8		8	
1/4	1,686.41	1/4	1,321.69	1/4	957.31	1/4	592.81	1/4	228.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,678.81	1/2	1,314.09	1/2	949.73	1/2	585.21	1/2	220.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,671.21	3/4	1,306.49	3/4	942.14	3/4	577.62	3/4	212.91	3/4		3/4		3/4		3/4		3/4	
9	1,663.61	9	1,298.89	9	934.56	9	570.02	9	205.31	9		9		9		9		9	
1/4	1,656.01	1/4	1,291.29	1/4	926.98	1/4	562.42	1/4	197.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,648.41	1/2	1,283.70	1/2	919.39	1/2	554.82	1/2	190.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,640.82	3/4	1,276.10	3/4	911.81	3/4	547.22	3/4	182.52	3/4		3/4		3/4		3/4		3/4	
10	1,633.22	10	1,268.50	10	904.23	10	539.63	10	174.92	10		10		10		10		10	
1/4	1,625.62	1/4	1,260.90	1/4	896.64	1/4	532.03	1/4	167.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,618.02	1/2	1,253.30	1/2	889.06	1/2	524.43	1/2	159.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,610.42	3/4	1,245.70	3/4	881.48	3/4	516.83	3/4	152.13	3/4		3/4		3/4		3/4		3/4	
11	1,602.82	11	1,238.11	11	873.90	11	509.23	11	144.53	11		11		11		11		11	
1/4	1,595.23	1/4	1,230.51	1/4	866.31	1/4	501.64	1/4	136.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,587.63	1/2	1,222.91	1/2	858.72	1/2	494.04	1/2	129.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,580.03	3/4	1,215.31	3/4	851.13	3/4	486.44	3/4	121.75	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

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