



BARGE "CTCo 314"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-03"

September 10, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 314"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	1,876.92	0	1,509.39	0	1,141.92	0	776.54	0	412.02	0	88.23	0		0		0		0	
1/4	1,869.27	1/4	1,501.74	1/4	1,134.29	1/4	768.89	1/4	404.77	1/4	82.11	1/4		1/4		1/4		1/4	
1/2	1,861.61	1/2	1,494.08	1/2	1,126.67	1/2	761.23	1/2	397.52	1/2	75.99	1/2		1/2		1/2		1/2	
3/4	1,853.95	3/4	1,486.42	3/4	1,119.04	3/4	753.57	3/4	390.28	3/4	69.87	3/4		3/4		3/4		3/4	
1	1,846.30	1	1,478.76	1	1,111.41	1	745.92	1	383.03	1	63.74	1		1		1		1	
1/4	1,838.64	1/4	1,471.11	1/4	1,103.79	1/4	738.26	1/4	375.87	1/4	58.19	1/4		1/4		1/4		1/4	
1/2	1,830.98	1/2	1,463.45	1/2	1,096.17	1/2	730.60	1/2	368.71	1/2	52.63	1/2		1/2		1/2		1/2	
3/4	1,823.33	3/4	1,455.79	3/4	1,088.55	3/4	722.95	3/4	361.56	3/4	47.07	3/4		3/4		3/4		3/4	
2	1,815.67	2	1,448.14	2	1,080.93	2	715.29	2	354.40	2	41.51	2		2		2		2	
1/4	1,808.01	1/4	1,440.48	1/4	1,073.32	1/4	707.63	1/4	347.33	1/4	37.02	1/4		1/4		1/4		1/4	
1/2	1,800.35	1/2	1,432.82	1/2	1,065.70	1/2	699.98	1/2	340.27	1/2	32.52	1/2		1/2		1/2		1/2	
3/4	1,792.70	3/4	1,425.17	3/4	1,058.09	3/4	692.32	3/4	333.20	3/4	28.03	3/4		3/4		3/4		3/4	
3	1,785.04	3	1,417.51	3	1,050.48	3	684.66	3	326.14	3	23.53	3		3		3		3	
1/4	1,777.38	1/4	1,409.85	1/4	1,042.87	1/4	677.01	1/4	319.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,769.73	1/2	1,402.20	1/2	1,035.26	1/2	669.35	1/2	312.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,762.07	3/4	1,394.54	3/4	1,027.65	3/4	661.69	3/4	305.21	3/4		3/4		3/4		3/4		3/4	
4	1,754.41	4	1,386.88	4	1,020.04	4	654.04	4	298.23	4		4		4		4		4	
1/4	1,746.76	1/4	1,379.23	1/4	1,012.43	1/4	646.38	1/4	291.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,739.10	1/2	1,371.57	1/2	1,004.83	1/2	638.72	1/2	284.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,731.44	3/4	1,363.91	3/4	997.22	3/4	631.07	3/4	277.58	3/4		3/4		3/4		3/4		3/4	
5	1,723.79	5	1,356.25	5	989.61	5	623.41	5	270.70	5		5		5		5		5	
1/4	1,716.13	1/4	1,348.60	1/4	982.01	1/4	615.75	1/4	263.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,708.47	1/2	1,340.94	1/2	974.40	1/2	608.10	1/2	257.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,700.82	3/4	1,333.28	3/4	966.80	3/4	600.44	3/4	250.32	3/4		3/4		3/4		3/4		3/4	
6	1,693.16	6	1,325.63	6	959.19	6	592.78	6	243.52	6		6		6		6		6	
1/4	1,685.50	1/4	1,317.97	1/4	951.58	1/4	585.13	1/4	236.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,677.84	1/2	1,310.31	1/2	943.98	1/2	577.47	1/2	230.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,670.19	3/4	1,302.66	3/4	936.37	3/4	569.81	3/4	223.42	3/4		3/4		3/4		3/4		3/4	
7	1,662.53	7	1,295.00	7	928.77	7	562.16	7	216.71	7		7		7		7		7	
1/4	1,654.87	1/4	1,287.34	1/4	921.16	1/4	554.51	1/4	210.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,647.22	1/2	1,279.69	1/2	913.55	1/2	546.86	1/2	203.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,639.56	3/4	1,272.03	3/4	905.95	3/4	539.22	3/4	196.88	3/4		3/4		3/4		3/4		3/4	
8	1,631.90	8	1,264.37	8	898.34	8	531.57	8	190.26	8		8		8		8		8	
1/4	1,624.25	1/4	1,256.71	1/4	890.74	1/4	523.97	1/4	183.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,616.59	1/2	1,249.06	1/2	883.13	1/2	516.37	1/2	177.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,608.93	3/4	1,241.40	3/4	875.52	3/4	508.77	3/4	170.70	3/4		3/4		3/4		3/4		3/4	
9	1,601.28	9	1,233.74	9	867.92	9	501.17	9	164.18	9		9		9		9		9	
1/4	1,593.62	1/4	1,226.09	1/4	860.31	1/4	493.65	1/4	157.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,585.96	1/2	1,218.43	1/2	852.71	1/2	486.13	1/2	151.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,578.30	3/4	1,210.77	3/4	845.10	3/4	478.61	3/4	144.90	3/4		3/4		3/4		3/4		3/4	
10	1,570.65	10	1,203.12	10	837.49	10	471.09	10	138.47	10		10		10		10		10	
1/4	1,562.99	1/4	1,195.46	1/4	829.89	1/4	463.66	1/4	132.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,555.33	1/2	1,187.80	1/2	822.28	1/2	456.23	1/2	125.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,547.68	3/4	1,180.15	3/4	814.68	3/4	448.80	3/4	119.48	3/4		3/4		3/4		3/4		3/4	
11	1,540.02	11	1,172.49	11	807.07	11	441.37	11	113.15	11		11		11		11		11	
1/4	1,532.36	1/4	1,164.85	1/4	799.44	1/4	434.04	1/4	106.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,524.71	1/2	1,157.20	1/2	791.81	1/2	426.70	1/2	100.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,517.05	3/4	1,149.56	3/4	784.17	3/4	419.36	3/4	94.46	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2013 CL - SW
CALCULATED: 09/10/2013 CL
PRINTED: 09/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 314"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	1,868.45	0	1,501.44	0	1,134.43	0	767.91	0	404.37	0	82.12	0		0		0		0	
1/4	1,860.81	1/4	1,493.79	1/4	1,126.78	1/4	760.26	1/4	397.14	1/4	76.00	1/4		1/4		1/4		1/4	
1/2	1,853.16	1/2	1,486.15	1/2	1,119.13	1/2	752.62	1/2	389.90	1/2	69.88	1/2		1/2		1/2		1/2	
3/4	1,845.51	3/4	1,478.50	3/4	1,111.49	3/4	744.97	3/4	382.66	3/4	63.75	3/4		3/4		3/4		3/4	
1	1,837.87	1	1,470.85	1	1,103.84	1	737.33	1	375.52	1	58.19	1		1		1		1	
1/4	1,830.22	1/4	1,463.21	1/4	1,096.20	1/4	729.68	1/4	368.37	1/4	52.63	1/4		1/4		1/4		1/4	
1/2	1,822.57	1/2	1,455.56	1/2	1,088.56	1/2	722.03	1/2	361.22	1/2	47.08	1/2		1/2		1/2		1/2	
3/4	1,814.93	3/4	1,447.92	3/4	1,080.92	3/4	714.39	3/4	354.08	3/4	41.52	3/4		3/4		3/4		3/4	
2	1,807.28	2	1,440.27	2	1,073.28	2	706.74	2	347.02	2	37.02	2		2		2		2	
1/4	1,799.64	1/4	1,432.62	1/4	1,065.64	1/4	699.10	1/4	339.97	1/4	32.53	1/4		1/4		1/4		1/4	
1/2	1,791.99	1/2	1,424.98	1/2	1,058.00	1/2	691.45	1/2	332.91	1/2	28.03	1/2		1/2		1/2		1/2	
3/4	1,784.34	3/4	1,417.33	3/4	1,050.36	3/4	683.81	3/4	325.86	3/4	23.53	3/4		3/4		3/4		3/4	
3	1,776.70	3	1,409.69	3	1,042.72	3	676.16	3	318.89	3		3		3		3		3	
1/4	1,769.05	1/4	1,402.04	1/4	1,035.09	1/4	668.51	1/4	311.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,761.41	1/2	1,394.39	1/2	1,027.45	1/2	660.87	1/2	304.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,753.76	3/4	1,386.75	3/4	1,019.81	3/4	653.22	3/4	298.00	3/4		3/4		3/4		3/4		3/4	
4	1,746.11	4	1,379.10	4	1,012.18	4	645.58	4	291.12	4		4		4		4		4	
1/4	1,738.47	1/4	1,371.45	1/4	1,004.55	1/4	637.93	1/4	284.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,730.82	1/2	1,363.81	1/2	996.92	1/2	630.28	1/2	277.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,723.18	3/4	1,356.16	3/4	989.28	3/4	622.64	3/4	270.50	3/4		3/4		3/4		3/4		3/4	
5	1,715.53	5	1,348.52	5	981.65	5	614.99	5	263.72	5		5		5		5		5	
1/4	1,707.88	1/4	1,340.87	1/4	974.02	1/4	607.35	1/4	256.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,700.24	1/2	1,333.22	1/2	966.39	1/2	966.39	1/2	250.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,692.59	3/4	1,325.58	3/4	958.76	3/4	958.76	3/4	243.37	3/4		3/4		3/4		3/4		3/4	
6	1,684.94	6	1,317.93	6	951.12	6	951.12	6	236.68	6		6		6		6		6	
1/4	1,677.30	1/4	1,310.29	1/4	943.49	1/4	943.49	1/4	229.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,669.65	1/2	1,302.64	1/2	935.86	1/2	935.86	1/2	223.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,662.01	3/4	1,294.99	3/4	928.23	3/4	928.23	3/4	216.60	3/4		3/4		3/4		3/4		3/4	
7	1,654.36	7	1,287.35	7	920.59	7	920.59	7	210.00	7		7		7		7		7	
1/4	1,646.71	1/4	1,279.70	1/4	912.96	1/4	912.96	1/4	203.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,639.07	1/2	1,272.06	1/2	905.33	1/2	905.33	1/2	196.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,631.42	3/4	1,264.41	3/4	897.70	3/4	897.70	3/4	190.20	3/4		3/4		3/4		3/4		3/4	
8	1,623.78	8	1,256.76	8	890.07	8	890.07	8	183.69	8		8		8		8		8	
1/4	1,616.13	1/4	1,249.12	1/4	882.43	1/4	882.43	1/4	177.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,608.48	1/2	1,241.47	1/2	874.80	1/2	874.80	1/2	170.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,600.84	3/4	1,233.83	3/4	867.17	3/4	867.17	3/4	164.16	3/4		3/4		3/4		3/4		3/4	
9	1,593.19	9	1,226.18	9	859.54	9	859.54	9	157.74	9		9		9		9		9	
1/4	1,585.55	1/4	1,218.53	1/4	851.91	1/4	851.91	1/4	151.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,577.90	1/2	1,210.89	1/2	844.27	1/2	844.27	1/2	144.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,570.25	3/4	1,203.24	3/4	836.64	3/4	836.64	3/4	138.48	3/4		3/4		3/4		3/4		3/4	
10	1,562.61	10	1,195.59	10	829.01	10	829.01	10	132.15	10		10		10		10		10	
1/4	1,554.96	1/4	1,187.95	1/4	821.38	1/4	821.38	1/4	125.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,547.32	1/2	1,180.30	1/2	813.74	1/2	813.74	1/2	119.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,539.67	3/4	1,172.66	3/4	806.11	3/4	806.11	3/4	113.17	3/4		3/4		3/4		3/4		3/4	
11	1,532.02	11	1,165.01	11	798.47	11	798.47	11	106.94	11		11		11		11		11	
1/4	1,524.38	1/4	1,157.36	1/4	790.83	1/4	790.83	1/4	100.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,516.73	1/2	1,149.72	1/2	783.20	1/2	783.20	1/2	94.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,509.08	3/4	1,142.07	3/4	775.56	3/4	775.56	3/4	88.24	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 09/10/2013 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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<http://www.pmacorp.net>



BARGE "CTCo 314"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

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
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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 ULLAGE GAUGES TAKEN AT 2" DIAMETER OPENING ON "HERMETIC" CLOSED GAUGING 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 314"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	1,794.95	0	1,450.34	0	1,106.87	0	775.51	0	430.92	0	86.39	0		0		0		0	
1/4	1,787.77	1/4	1,443.16	1/4	1,099.97	1/4	768.33	1/4	423.74	1/4	79.24	1/4		1/4		1/4		1/4	
1/2	1,780.59	1/2	1,435.98	1/2	1,093.08	1/2	761.15	1/2	416.56	1/2	72.08	1/2		1/2		1/2		1/2	
3/4	1,773.41	3/4	1,428.80	3/4	1,086.19	3/4	753.97	3/4	409.38	3/4	65.37	3/4		3/4		3/4		3/4	
1	1,766.23	1	1,421.62	1	1,079.30	1	746.79	1	402.20	1	58.66	1		1		1		1	
1/4	1,759.05	1/4	1,414.45	1/4	1,072.41	1/4	739.61	1/4	395.02	1/4	51.94	1/4		1/4		1/4		1/4	
1/2	1,751.87	1/2	1,407.27	1/2	1,065.52	1/2	732.43	1/2	387.84	1/2	45.23	1/2		1/2		1/2		1/2	
3/4	1,744.69	3/4	1,400.09	3/4	1,058.64	3/4	725.25	3/4	380.66	3/4	39.85	3/4		3/4		3/4		3/4	
2	1,737.51	2	1,392.91	2	1,051.75	2	718.08	2	373.48	2	34.46	2		2		2		2	
1/4	1,730.33	1/4	1,385.73	1/4	1,044.87	1/4	710.90	1/4	366.30	1/4	29.08	1/4		1/4		1/4		1/4	
1/2	1,723.16	1/2	1,378.55	1/2	1,037.99	1/2	703.72	1/2	359.13	1/2	23.70	1/2		1/2		1/2		1/2	
3/4	1,715.98	3/4	1,371.37	3/4	1,031.11	3/4	696.54	3/4	351.95	3/4		3/4		3/4		3/4		3/4	
3	1,708.80	3	1,364.19	3	1,024.23	3	689.36	3	344.77	3		3		3		3		3	
1/4	1,701.62	1/4	1,357.01	1/4	1,017.35	1/4	682.18	1/4	337.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.44	1/2	1,349.83	1/2	1,010.48	1/2	675.00	1/2	330.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.26	3/4	1,342.65	3/4	1,003.60	3/4	667.82	3/4	323.23	3/4		3/4		3/4		3/4		3/4	
4	1,680.08	4	1,335.47	4	996.73	4	660.64	4	316.05	4		4		4		4		4	
1/4	1,672.90	1/4	1,328.29	1/4	989.85	1/4	653.46	1/4	308.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,665.72	1/2	1,321.11	1/2	982.98	1/2	646.29	1/2	301.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,658.54	3/4	1,313.94	3/4	976.10	3/4	639.11	3/4	294.51	3/4		3/4		3/4		3/4		3/4	
5	1,651.36	5	1,306.76	5	969.23	5	631.93	5	287.34	5		5		5		5		5	
1/4	1,644.18	1/4	1,299.58	1/4	962.35	1/4	624.75	1/4	280.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,637.00	1/2	1,292.40	1/2	955.48	1/2	617.57	1/2	272.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,629.82	3/4	1,285.22	3/4	948.60	3/4	610.39	3/4	265.80	3/4		3/4		3/4		3/4		3/4	
6	1,622.65	6	1,278.04	6	941.73	6	603.21	6	258.62	6		6		6		6		6	
1/4	1,615.47	1/4	1,270.86	1/4	934.85	1/4	596.03	1/4	251.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,608.29	1/2	1,263.68	1/2	927.98	1/2	588.85	1/2	244.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,601.11	3/4	1,256.50	3/4	921.10	3/4	581.67	3/4	237.08	3/4		3/4		3/4		3/4		3/4	
7	1,593.93	7	1,249.32	7	914.23	7	574.50	7	229.90	7		7		7		7		7	
1/4	1,586.75	1/4	1,242.14	1/4	907.35	1/4	567.32	1/4	222.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,579.57	1/2	1,234.96	1/2	900.48	1/2	560.14	1/2	215.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,572.39	3/4	1,227.78	3/4	893.60	3/4	552.96	3/4	208.37	3/4		3/4		3/4		3/4		3/4	
8	1,565.21	8	1,220.60	8	886.73	8	545.78	8	201.19	8		8		8		8		8	
1/4	1,558.03	1/4	1,213.42	1/4	879.85	1/4	538.60	1/4	194.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,550.85	1/2	1,206.25	1/2	872.98	1/2	531.42	1/2	186.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,543.67	3/4	1,199.07	3/4	866.10	3/4	524.24	3/4	179.65	3/4		3/4		3/4		3/4		3/4	
9	1,536.49	9	1,191.89	9	859.23	9	517.06	9	172.47	9		9		9		9		9	
1/4	1,529.31	1/4	1,184.71	1/4	852.35	1/4	509.88	1/4	165.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,522.13	1/2	1,177.53	1/2	845.48	1/2	502.71	1/2	158.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,514.96	3/4	1,170.35	3/4	838.60	3/4	495.53	3/4	150.94	3/4		3/4		3/4		3/4		3/4	
10	1,507.78	10	1,163.17	10	831.73	10	488.35	10	143.76	10		10		10		10		10	
1/4	1,500.60	1/4	1,155.99	1/4	824.85	1/4	481.17	1/4	136.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,493.42	1/2	1,148.81	1/2	817.98	1/2	473.99	1/2	129.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,486.24	3/4	1,141.77	3/4	810.95	3/4	466.81	3/4	122.23	3/4		3/4		3/4		3/4		3/4	
11	1,479.06	11	1,134.74	11	803.92	11	459.63	11	115.05	11		11		11		11		11	
1/4	1,471.88	1/4	1,127.70	1/4	796.89	1/4	452.45	1/4	107.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,464.70	1/2	1,120.66	1/2	789.87	1/2	445.27	1/2	100.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,457.52	3/4	1,113.76	3/4	782.69	3/4	438.09	3/4	93.55	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2013 CL - SW
CALCULATED: 09/10/2013 CL
PRINTED: 09/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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



BARGE "CTCo 314"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	1,823.22	0	1,478.62	0	1,134.01	0	789.87	0	445.27	0	100.71	0		0		0		0	
1/4	1,816.05	1/4	1,471.44	1/4	1,126.83	1/4	782.69	1/4	438.09	1/4	93.55	1/4		1/4		1/4		1/4	
1/2	1,808.87	1/2	1,464.26	1/2	1,119.65	1/2	775.51	1/2	430.92	1/2	86.39	1/2		1/2		1/2		1/2	
3/4	1,801.69	3/4	1,457.08	3/4	1,112.47	3/4	768.33	3/4	423.74	3/4	79.24	3/4		3/4		3/4		3/4	
1	1,794.51	1	1,449.90	1	1,105.29	1	761.15	1	416.56	1	72.08	1		1		1		1	
1/4	1,787.33	1/4	1,442.72	1/4	1,098.12	1/4	753.97	1/4	409.38	1/4	65.37	1/4		1/4		1/4		1/4	
1/2	1,780.15	1/2	1,435.54	1/2	1,090.94	1/2	746.79	1/2	402.20	1/2	58.66	1/2		1/2		1/2		1/2	
3/4	1,772.97	3/4	1,428.36	3/4	1,083.77	3/4	739.61	3/4	395.02	3/4	51.94	3/4		3/4		3/4		3/4	
2	1,765.79	2	1,421.18	2	1,076.59	2	732.43	2	387.84	2	45.23	2		2		2		2	
1/4	1,758.61	1/4	1,414.00	1/4	1,069.42	1/4	725.25	1/4	380.66	1/4	39.85	1/4		1/4		1/4		1/4	
1/2	1,751.43	1/2	1,406.83	1/2	1,062.24	1/2	718.08	1/2	373.48	1/2	34.46	1/2		1/2		1/2		1/2	
3/4	1,744.25	3/4	1,399.65	3/4	1,055.07	3/4	710.90	3/4	366.30	3/4	29.08	3/4		3/4		3/4		3/4	
3	1,737.07	3	1,392.47	3	1,047.89	3	703.72	3	359.13	3	23.70	3		3		3		3	
1/4	1,729.89	1/4	1,385.29	1/4	1,040.72	1/4	696.54	1/4	351.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,722.71	1/2	1,378.11	1/2	1,033.55	1/2	689.36	1/2	344.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,715.54	3/4	1,370.93	3/4	1,026.38	3/4	682.18	3/4	337.59	3/4		3/4		3/4		3/4		3/4	
4	1,708.36	4	1,363.75	4	1,019.21	4	675.00	4	330.41	4		4		4		4		4	
1/4	1,701.18	1/4	1,356.57	1/4	1,012.05	1/4	667.82	1/4	323.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.00	1/2	1,349.39	1/2	1,004.88	1/2	660.64	1/2	316.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,686.82	3/4	1,342.21	3/4	997.72	3/4	653.46	3/4	308.87	3/4		3/4		3/4		3/4		3/4	
5	1,679.64	5	1,335.03	5	990.55	5	646.29	5	301.69	5		5		5		5		5	
1/4	1,672.46	1/4	1,327.85	1/4	983.38	1/4	639.11	1/4	294.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,665.28	1/2	1,320.67	1/2	976.22	1/2	631.93	1/2	287.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,658.10	3/4	1,313.49	3/4	969.05	3/4	624.75	3/4	280.16	3/4		3/4		3/4		3/4		3/4	
6	1,650.92	6	1,306.32	6	961.88	6	617.57	6	272.98	6		6		6		6		6	
1/4	1,643.74	1/4	1,299.14	1/4	954.72	1/4	610.39	1/4	265.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,636.56	1/2	1,291.96	1/2	947.55	1/2	603.21	1/2	258.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,629.38	3/4	1,284.78	3/4	940.39	3/4	596.03	3/4	251.44	3/4		3/4		3/4		3/4		3/4	
7	1,622.20	7	1,277.60	7	933.22	7	588.85	7	244.26	7		7		7		7		7	
1/4	1,615.03	1/4	1,270.42	1/4	926.05	1/4	581.67	1/4	237.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,607.85	1/2	1,263.24	1/2	918.89	1/2	574.50	1/2	229.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,600.67	3/4	1,256.06	3/4	911.72	3/4	567.32	3/4	222.72	3/4		3/4		3/4		3/4		3/4	
8	1,593.49	8	1,248.88	8	904.55	8	560.14	8	215.55	8		8		8		8		8	
1/4	1,586.31	1/4	1,241.70	1/4	897.39	1/4	552.96	1/4	208.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,579.13	1/2	1,234.52	1/2	890.22	1/2	545.78	1/2	201.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,571.95	3/4	1,227.34	3/4	883.06	3/4	538.60	3/4	194.01	3/4		3/4		3/4		3/4		3/4	
9	1,564.77	9	1,220.16	9	875.89	9	531.42	9	186.83	9		9		9		9		9	
1/4	1,557.59	1/4	1,212.98	1/4	868.72	1/4	524.24	1/4	179.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,550.41	1/2	1,205.81	1/2	861.56	1/2	517.06	1/2	172.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,543.23	3/4	1,198.63	3/4	854.39	3/4	509.88	3/4	165.29	3/4		3/4		3/4		3/4		3/4	
10	1,536.05	10	1,191.45	10	847.22	10	502.71	10	158.11	10		10		10		10		10	
1/4	1,528.87	1/4	1,184.27	1/4	840.06	1/4	495.53	1/4	150.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,521.69	1/2	1,177.09	1/2	832.89	1/2	488.35	1/2	143.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,514.51	3/4	1,169.91	3/4	825.72	3/4	481.17	3/4	136.58	3/4		3/4		3/4		3/4		3/4	
11	1,507.34	11	1,162.73	11	818.56	11	473.99	11	129.40	11		11		11		11		11	
1/4	1,500.16	1/4	1,155.55	1/4	811.39	1/4	466.81	1/4	122.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,492.98	1/2	1,148.37	1/2	804.21	1/2	459.63	1/2	115.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,485.80	3/4	1,141.19	3/4	797.04	3/4	452.45	3/4	107.88	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2013 CL - SW
CALCULATED: 09/10/2013 CL
PRINTED: 09/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 314"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	1,894.17	0	1,530.02	0	1,166.92	0	812.50	0	448.16	0	83.89	0		0		0		0	
1/4	1,886.58	1/4	1,522.43	1/4	1,159.54	1/4	804.91	1/4	440.57	1/4	76.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,879.00	1/2	1,514.84	1/2	1,152.17	1/2	797.32	1/2	432.98	1/2	69.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,871.41	3/4	1,507.26	3/4	1,144.80	3/4	789.73	3/4	425.39	3/4	62.09	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,863.82	1	1,499.67	1	1,137.43	1	782.14	1	417.80	1	54.99	1	1	1	1	1	1	1	1
1/4	1,856.24	1/4	1,492.08	1/4	1,130.06	1/4	774.55	1/4	410.21	1/4	47.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,848.65	1/2	1,484.50	1/2	1,122.69	1/2	766.96	1/2	402.62	1/2	42.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,841.06	3/4	1,476.91	3/4	1,115.33	3/4	759.37	3/4	395.03	3/4	36.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,833.48	2	1,469.32	2	1,107.97	2	751.78	2	387.44	2	30.77	2	2	2	2	2	2	2	2
1/4	1,825.89	1/4	1,461.74	1/4	1,100.60	1/4	744.19	1/4	379.85	1/4	25.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,818.30	1/2	1,454.15	1/2	1,093.24	1/2	736.60	1/2	372.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,810.72	3/4	1,446.56	3/4	1,085.88	3/4	729.01	3/4	364.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,803.13	3	1,438.98	3	1,078.52	3	721.42	3	357.09	3		3	3	3	3	3	3	3	3
1/4	1,795.54	1/4	1,431.39	1/4	1,071.16	1/4	713.83	1/4	349.50	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,787.96	1/2	1,423.81	1/2	1,063.80	1/2	706.24	1/2	341.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,780.37	3/4	1,416.22	3/4	1,056.45	3/4	698.64	3/4	334.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,772.78	4	1,408.63	4	1,049.09	4	691.05	4	326.73	4		4	4	4	4	4	4	4	4
1/4	1,765.20	1/4	1,401.05	1/4	1,041.73	1/4	683.46	1/4	319.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,757.61	1/2	1,393.46	1/2	1,034.38	1/2	675.87	1/2	311.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,750.02	3/4	1,385.87	3/4	1,027.02	3/4	668.28	3/4	303.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,742.44	5	1,378.29	5	1,019.66	5	660.69	5	296.37	5		5	5	5	5	5	5	5	5
1/4	1,734.85	1/4	1,370.70	1/4	1,012.31	1/4	653.10	1/4	288.78	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,727.27	1/2	1,363.11	1/2	1,004.95	1/2	645.51	1/2	281.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,719.68	3/4	1,355.53	3/4	997.59	3/4	637.92	3/4	273.60	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,712.09	6	1,347.94	6	990.24	6	630.33	6	266.01	6		6	6	6	6	6	6	6	6
1/4	1,704.51	1/4	1,340.35	1/4	982.88	1/4	622.74	1/4	258.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,696.92	1/2	1,332.77	1/2	975.52	1/2	615.15	1/2	250.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,689.33	3/4	1,325.18	3/4	968.17	3/4	607.56	3/4	243.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,681.75	7	1,317.59	7	960.81	7	599.97	7	235.65	7		7	7	7	7	7	7	7	7
1/4	1,674.16	1/4	1,310.01	1/4	953.45	1/4	592.37	1/4	228.06	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,666.57	1/2	1,302.42	1/2	946.10	1/2	584.78	1/2	220.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,658.99	3/4	1,294.83	3/4	938.74	3/4	577.19	3/4	212.88	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,651.40	8	1,287.25	8	931.38	8	569.60	8	205.29	8		8	8	8	8	8	8	8	8
1/4	1,643.81	1/4	1,279.66	1/4	924.03	1/4	562.01	1/4	197.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,636.23	1/2	1,272.08	1/2	916.67	1/2	554.42	1/2	190.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,628.64	3/4	1,264.49	3/4	909.31	3/4	546.83	3/4	182.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,621.05	9	1,256.90	9	901.96	9	539.24	9	174.93	9		9	9	9	9	9	9	9	9
1/4	1,613.47	1/4	1,249.32	1/4	894.60	1/4	531.65	1/4	167.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,605.88	1/2	1,241.73	1/2	887.24	1/2	524.06	1/2	159.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,598.29	3/4	1,234.14	3/4	879.89	3/4	516.47	3/4	152.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,590.71	10	1,226.56	10	872.53	10	508.88	10	144.56	10		10	10	10	10	10	10	10	10
1/4	1,583.12	1/4	1,218.97	1/4	865.17	1/4	501.29	1/4	136.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,575.54	1/2	1,211.49	1/2	857.70	1/2	493.70	1/2	129.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,567.95	3/4	1,204.01	3/4	850.22	3/4	486.11	3/4	121.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,560.36	11	1,196.53	11	842.75	11	478.52	11	114.20	11		11	11	11	11	11	11	11	11
1/4	1,552.78	1/4	1,189.04	1/4	835.28	1/4	470.93	1/4	106.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,545.19	1/2	1,181.67	1/2	827.69	1/2	463.34	1/2	99.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,537.60	3/4	1,174.29	3/4	820.10	3/4	455.75	3/4	91.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 09/09/2013 CL - SW
CALCULATED: 09/10/2013 CL
PRINTED: 09/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 314"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	1,922.84	0	1,557.95	0	1,193.07	0	828.73	0	463.86	0	99.03	0		0		0		0	
1/4	1,915.24	1/4	1,550.35	1/4	1,185.46	1/4	821.13	1/4	456.26	1/4	91.46	1/4		1/4		1/4		1/4	
1/2	1,907.63	1/2	1,542.75	1/2	1,177.86	1/2	813.53	1/2	448.65	1/2	83.88	1/2		1/2		1/2		1/2	
3/4	1,900.03	3/4	1,535.15	3/4	1,170.26	3/4	805.92	3/4	441.05	3/4	76.30	3/4		3/4		3/4		3/4	
1	1,892.43	1	1,527.54	1	1,162.66	1	798.32	1	433.45	1	69.19	1		1		1		1	
1/4	1,884.83	1/4	1,519.94	1/4	1,155.06	1/4	790.72	1/4	425.85	1/4	62.09	1/4		1/4		1/4		1/4	
1/2	1,877.23	1/2	1,512.34	1/2	1,147.47	1/2	783.12	1/2	418.25	1/2	54.98	1/2		1/2		1/2		1/2	
3/4	1,869.63	3/4	1,504.74	3/4	1,139.87	3/4	775.52	3/4	410.65	3/4	47.87	3/4		3/4		3/4		3/4	
2	1,862.02	2	1,497.14	2	1,132.27	2	767.92	2	403.04	2	42.17	2		2		2		2	
1/4	1,854.42	1/4	1,489.54	1/4	1,124.68	1/4	760.32	1/4	395.44	1/4	36.47	1/4		1/4		1/4		1/4	
1/2	1,846.82	1/2	1,481.93	1/2	1,117.09	1/2	752.71	1/2	387.84	1/2	30.77	1/2		1/2		1/2		1/2	
3/4	1,839.22	3/4	1,474.33	3/4	1,109.49	3/4	745.11	3/4	380.24	3/4	25.07	3/4		3/4		3/4		3/4	
3	1,831.62	3	1,466.73	3	1,101.90	3	737.51	3	372.64	3		3		3		3		3	
1/4	1,824.01	1/4	1,459.13	1/4	1,094.31	1/4	729.91	1/4	365.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,816.41	1/2	1,451.53	1/2	1,086.72	1/2	722.31	1/2	357.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,808.81	3/4	1,443.92	3/4	1,079.13	3/4	714.71	3/4	349.83	3/4		3/4		3/4		3/4		3/4	
4	1,801.21	4	1,436.32	4	1,071.55	4	707.10	4	342.23	4		4		4		4		4	
1/4	1,793.61	1/4	1,428.72	1/4	1,063.96	1/4	699.50	1/4	334.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,786.01	1/2	1,421.12	1/2	1,056.37	1/2	691.90	1/2	327.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,778.40	3/4	1,413.52	3/4	1,048.79	3/4	684.30	3/4	319.43	3/4		3/4		3/4		3/4		3/4	
5	1,770.80	5	1,405.92	5	1,041.20	5	676.70	5	311.83	5		5		5		5		5	
1/4	1,763.20	1/4	1,398.31	1/4	1,033.61	1/4	669.10	1/4	304.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,755.60	1/2	1,390.71	1/2	1,026.03	1/2	661.50	1/2	296.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,748.00	3/4	1,383.11	3/4	1,018.44	3/4	653.89	3/4	289.02	3/4		3/4		3/4		3/4		3/4	
6	1,740.39	6	1,375.51	6	1,010.85	6	646.29	6	281.42	6		6		6		6		6	
1/4	1,732.79	1/4	1,367.91	1/4	1,003.27	1/4	638.69	1/4	273.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,725.19	1/2	1,360.30	1/2	995.68	1/2	631.09	1/2	266.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,717.59	3/4	1,352.70	3/4	988.09	3/4	623.49	3/4	258.62	3/4		3/4		3/4		3/4		3/4	
7	1,709.99	7	1,345.10	7	980.51	7	615.89	7	251.01	7		7		7		7		7	
1/4	1,702.39	1/4	1,337.50	1/4	972.92	1/4	608.29	1/4	243.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.78	1/2	1,329.90	1/2	965.33	1/2	600.68	1/2	235.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.18	3/4	1,322.30	3/4	957.75	3/4	593.08	3/4	228.21	3/4		3/4		3/4		3/4		3/4	
8	1,679.58	8	1,314.69	8	950.16	8	585.48	8	220.61	8		8		8		8		8	
1/4	1,671.98	1/4	1,307.09	1/4	942.58	1/4	577.88	1/4	213.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,664.38	1/2	1,299.49	1/2	934.99	1/2	570.28	1/2	205.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,656.77	3/4	1,291.89	3/4	927.40	3/4	562.68	3/4	197.80	3/4		3/4		3/4		3/4		3/4	
9	1,649.17	9	1,284.29	9	919.82	9	555.07	9	190.20	9		9		9		9		9	
1/4	1,641.57	1/4	1,276.68	1/4	912.23	1/4	547.47	1/4	182.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,633.97	1/2	1,269.08	1/2	904.64	1/2	539.87	1/2	175.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,626.37	3/4	1,261.48	3/4	897.06	3/4	532.27	3/4	167.40	3/4		3/4		3/4		3/4		3/4	
10	1,618.77	10	1,253.88	10	889.47	10	524.67	10	159.80	10		10		10		10		10	
1/4	1,611.16	1/4	1,246.28	1/4	881.88	1/4	517.07	1/4	152.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,603.56	1/2	1,238.68	1/2	874.30	1/2	509.47	1/2	144.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,595.96	3/4	1,231.07	3/4	866.71	3/4	501.86	3/4	136.99	3/4		3/4		3/4		3/4		3/4	
11	1,588.36	11	1,223.47	11	859.12	11	494.26	11	129.40	11		11		11		11		11	
1/4	1,580.76	1/4	1,215.87	1/4	851.52	1/4	486.66	1/4	121.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,573.16	1/2	1,208.27	1/2	843.93	1/2	479.06	1/2	114.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,565.55	3/4	1,200.67	3/4	836.33	3/4	471.46	3/4	106.61	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2013 CL - SW
CALCULATED: 09/10/2013 CL
PRINTED: 09/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
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