



BARGE "CTCo 355"

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	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
3 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-4/8	- 00-4/8	00-1/2	- 00-1/2
3 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-06"

April 11, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 355"

1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 14'-9 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,444.59	0	1,113.31	0	788.92	0	487.81	0	209.93	0		0		0		0		0	
1/4	1,437.69	1/4	1,106.41	1/4	782.40	1/4	481.81	1/4	204.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,430.79	1/2	1,099.51	1/2	775.87	1/2	475.81	1/2	198.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,423.88	3/4	1,092.61	3/4	769.35	3/4	469.81	3/4	193.26	3/4		3/4		3/4		3/4		3/4	
1	1,416.98	1	1,085.71	1	762.87	1	463.85	1	187.74	1		1		1		1		1	
1/4	1,410.08	1/4	1,078.80	1/4	756.39	1/4	457.90	1/4	182.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,403.18	1/2	1,071.90	1/2	749.91	1/2	451.94	1/2	176.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,396.28	3/4	1,065.00	3/4	743.43	3/4	445.98	3/4	171.19	3/4		3/4		3/4		3/4		3/4	
2	1,389.38	2	1,058.10	2	736.99	2	440.06	2	165.71	2		2		2		2		2	
1/4	1,382.47	1/4	1,051.20	1/4	730.55	1/4	434.14	1/4	160.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,375.57	1/2	1,044.30	1/2	724.11	1/2	428.22	1/2	154.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,368.67	3/4	1,037.39	3/4	717.67	3/4	422.30	3/4	149.28	3/4		3/4		3/4		3/4		3/4	
3	1,361.77	3	1,030.51	3	711.27	3	416.42	3	143.84	3		3		3		3		3	
1/4	1,354.87	1/4	1,023.63	1/4	704.87	1/4	410.54	1/4	138.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,347.97	1/2	1,016.75	1/2	698.47	1/2	404.67	1/2	132.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,341.07	3/4	1,009.87	3/4	692.07	3/4	398.79	3/4	127.53	3/4		3/4		3/4		3/4		3/4	
4	1,334.16	4	1,003.03	4	685.71	4	392.94	4	122.13	4		4		4		4		4	
1/4	1,327.26	1/4	996.19	1/4	679.35	1/4	387.09	1/4	116.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,320.36	1/2	989.34	1/2	672.99	1/2	381.25	1/2	111.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,313.46	3/4	982.50	3/4	666.63	3/4	375.40	3/4	105.94	3/4		3/4		3/4		3/4		3/4	
5	1,306.56	5	975.70	5	660.31	5	369.59	5	100.59	5		5		5		5		5	
1/4	1,299.66	1/4	968.90	1/4	653.99	1/4	363.77	1/4	95.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,292.75	1/2	962.10	1/2	647.67	1/2	357.96	1/2	89.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,285.85	3/4	955.30	3/4	641.35	3/4	352.15	3/4	84.52	3/4		3/4		3/4		3/4		3/4	
6	1,278.95	6	948.54	6	635.07	6	346.37	6	79.20	6		6		6		6		6	
1/4	1,272.05	1/4	941.78	1/4	628.79	1/4	340.60	1/4	73.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,265.15	1/2	935.01	1/2	622.51	1/2	334.82	1/2	68.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,258.25	3/4	928.25	3/4	616.23	3/4	329.05	3/4	63.25	3/4		3/4		3/4		3/4		3/4	
7	1,251.34	7	921.53	7	610.02	7	323.29	7	57.97	7		7		7		7		7	
1/4	1,244.44	1/4	914.81	1/4	603.82	1/4	317.53	1/4	52.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,237.54	1/2	908.09	1/2	597.61	1/2	311.77	1/2	47.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,230.64	3/4	901.37	3/4	591.40	3/4	306.02	3/4	42.14	3/4		3/4		3/4		3/4		3/4	
8	1,223.74	8	894.69	8	585.24	8	300.30	8	37.77	8		8		8		8		8	
1/4	1,216.84	1/4	888.01	1/4	579.08	1/4	294.58	1/4	33.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,209.93	1/2	881.33	1/2	572.92	1/2	288.86	1/2	29.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,203.03	3/4	874.65	3/4	566.76	3/4	283.14	3/4	24.64	3/4		3/4		3/4		3/4		3/4	
9	1,196.13	9	868.00	9	560.64	9	277.47	9	22.03	9		9		9		9		9	
1/4	1,189.23	1/4	861.36	1/4	554.52	1/4	271.79	1/4	19.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,182.33	1/2	854.72	1/2	548.40	1/2	266.11	1/2	16.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,175.43	3/4	848.08	3/4	542.28	3/4	260.43	3/4	14.20	3/4		3/4		3/4		3/4		3/4	
10	1,168.53	10	841.48	10	536.20	10	254.79	10		10		10		10		10		10	
1/4	1,161.62	1/4	834.88	1/4	530.13	1/4	249.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,154.72	1/2	828.28	1/2	524.05	1/2	243.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,147.82	3/4	821.68	3/4	517.97	3/4	237.88	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,140.92	11	815.12	11	511.93	11	232.28	11		11		11		11		11		11	
1/4	1,134.02	1/4	808.56	1/4	505.89	1/4	226.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,127.12	1/2	802.00	1/2	499.85	1/2	221.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,120.21	3/4	795.44	3/4	493.81	3/4	215.49	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2014 SW
CALCULATED: 04/11/2014 CL
PRINTED: 04/12/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

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1 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 14'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,452.49	0	1,121.22	0	796.45	0	494.37	0	215.43	0		0		0		0		0	
1/4	1,445.59	1/4	1,114.32	1/4	789.93	1/4	488.35	1/4	209.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,438.69	1/2	1,107.41	1/2	783.41	1/2	482.32	1/2	204.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,431.78	3/4	1,100.51	3/4	776.89	3/4	476.30	3/4	198.76	3/4		3/4		3/4		3/4		3/4	
1	1,424.88	1	1,093.61	1	770.37	1	470.28	1	193.21	1		1		1		1		1	
1/4	1,417.98	1/4	1,086.71	1/4	763.89	1/4	464.30	1/4	187.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,411.08	1/2	1,079.81	1/2	757.41	1/2	458.32	1/2	182.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,404.18	3/4	1,072.91	3/4	750.93	3/4	452.34	3/4	176.66	3/4		3/4		3/4		3/4		3/4	
2	1,397.28	2	1,066.01	2	744.45	2	446.36	2	171.14	2		2		2		2		2	
1/4	1,390.38	1/4	1,059.10	1/4	738.01	1/4	440.41	1/4	165.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,383.47	1/2	1,052.20	1/2	731.57	1/2	434.47	1/2	160.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,376.57	3/4	1,045.30	3/4	725.13	3/4	428.53	3/4	154.71	3/4		3/4		3/4		3/4		3/4	
3	1,369.67	3	1,038.40	3	718.69	3	422.59	3	149.24	3		3		3		3		3	
1/4	1,362.77	1/4	1,031.52	1/4	712.29	1/4	416.69	1/4	143.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,355.87	1/2	1,024.64	1/2	705.89	1/2	410.78	1/2	138.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,348.97	3/4	1,017.75	3/4	699.49	3/4	404.88	3/4	132.93	3/4		3/4		3/4		3/4		3/4	
4	1,342.07	4	1,010.87	4	693.09	4	398.98	4	127.49	4		4		4		4		4	
1/4	1,335.16	1/4	1,004.03	1/4	686.73	1/4	393.11	1/4	122.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,328.26	1/2	997.19	1/2	680.37	1/2	387.24	1/2	116.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,321.36	3/4	990.35	3/4	674.01	3/4	381.37	3/4	111.31	3/4		3/4		3/4		3/4		3/4	
5	1,314.46	5	983.51	5	667.65	5	375.50	5	105.91	5		5		5		5		5	
1/4	1,307.56	1/4	976.71	1/4	661.33	1/4	369.67	1/4	100.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,300.66	1/2	969.91	1/2	655.01	1/2	363.83	1/2	95.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,293.75	3/4	963.10	3/4	648.69	3/4	357.99	3/4	89.84	3/4		3/4		3/4		3/4		3/4	
6	1,286.85	6	956.30	6	642.37	6	352.15	6	84.49	6		6		6		6		6	
1/4	1,279.95	1/4	949.54	1/4	636.09	1/4	346.36	1/4	79.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,273.05	1/2	942.78	1/2	629.81	1/2	340.56	1/2	73.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,266.15	3/4	936.02	3/4	623.53	3/4	334.76	3/4	68.54	3/4		3/4		3/4		3/4		3/4	
7	1,259.25	7	929.26	7	617.26	7	328.97	7	63.23	7		7		7		7		7	
1/4	1,252.35	1/4	922.54	1/4	611.02	1/4	323.21	1/4	57.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,245.44	1/2	915.82	1/2	604.79	1/2	317.45	1/2	52.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,238.54	3/4	909.10	3/4	598.56	3/4	311.70	3/4	47.40	3/4		3/4		3/4		3/4		3/4	
8	1,231.64	8	902.38	8	592.33	8	305.94	8	42.13	8		8		8		8		8	
1/4	1,224.74	1/4	895.69	1/4	586.15	1/4	300.22	1/4	37.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,217.84	1/2	889.01	1/2	579.97	1/2	294.50	1/2	33.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,210.94	3/4	882.33	3/4	573.78	3/4	288.79	3/4	29.01	3/4		3/4		3/4		3/4		3/4	
9	1,204.04	9	875.65	9	567.60	9	283.07	9	24.63	9		9		9		9		9	
1/4	1,197.13	1/4	869.01	1/4	561.46	1/4	277.39	1/4	22.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,190.23	1/2	862.37	1/2	555.32	1/2	271.72	1/2	19.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,183.33	3/4	855.73	3/4	549.17	3/4	266.04	3/4	16.81	3/4		3/4		3/4		3/4		3/4	
10	1,176.43	10	849.09	10	543.03	10	260.36	10	14.20	10		10		10		10		10	
1/4	1,169.53	1/4	842.49	1/4	536.93	1/4	254.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,162.63	1/2	835.89	1/2	530.82	1/2	249.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,155.72	3/4	829.29	3/4	524.72	3/4	243.45	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,148.82	11	822.69	11	518.62	11	237.82	11		11		11		11		11		11	
1/4	1,141.92	1/4	816.13	1/4	512.56	1/4	232.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,135.02	1/2	809.57	1/2	506.49	1/2	226.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,128.12	3/4	803.01	3/4	500.43	3/4	221.03	3/4		3/4		3/4		3/4		3/4		3/4	

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CANCELS AND SUPERCEDES
 ALL PRIOR TO 04/2014

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BARGE "CTCo 355"

2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 14'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,860.15	0	1,472.21	0	1,084.26	0	703.35	0	323.67	0		0		0		0		0	
1/4	1,852.06	1/4	1,464.12	1/4	1,076.18	1/4	695.59	1/4	315.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,843.98	1/2	1,456.04	1/2	1,068.10	1/2	687.83	1/2	307.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,835.90	3/4	1,447.96	3/4	1,060.02	3/4	680.07	3/4	299.43	3/4		3/4		3/4		3/4		3/4	
1	1,827.82	1	1,439.88	1	1,051.94	1	672.31	1	291.35	1		1		1		1		1	
1/4	1,819.74	1/4	1,431.79	1/4	1,043.85	1/4	664.55	1/4	283.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,811.65	1/2	1,423.71	1/2	1,035.77	1/2	656.80	1/2	275.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,803.57	3/4	1,415.63	3/4	1,027.69	3/4	649.04	3/4	267.10	3/4		3/4		3/4		3/4		3/4	
2	1,795.49	2	1,407.55	2	1,019.61	2	641.28	2	259.02	2		2		2		2		2	
1/4	1,787.41	1/4	1,399.47	1/4	1,011.53	1/4	633.52	1/4	250.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,779.32	1/2	1,391.38	1/2	1,003.44	1/2	625.76	1/2	242.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,771.24	3/4	1,383.30	3/4	995.36	3/4	618.00	3/4	234.77	3/4		3/4		3/4		3/4		3/4	
3	1,763.16	3	1,375.22	3	987.28	3	610.24	3	226.69	3		3		3		3		3	
1/4	1,755.08	1/4	1,367.14	1/4	979.20	1/4	602.48	1/4	218.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,747.00	1/2	1,359.06	1/2	971.11	1/2	594.72	1/2	210.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,738.91	3/4	1,350.97	3/4	963.03	3/4	586.96	3/4	202.45	3/4		3/4		3/4		3/4		3/4	
4	1,730.83	4	1,342.89	4	954.95	4	579.20	4	194.37	4		4		4		4		4	
1/4	1,722.75	1/4	1,334.81	1/4	946.87	1/4	571.43	1/4	186.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,714.67	1/2	1,326.73	1/2	938.79	1/2	563.66	1/2	178.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,706.59	3/4	1,318.65	3/4	930.70	3/4	555.90	3/4	170.12	3/4		3/4		3/4		3/4		3/4	
5	1,698.50	5	1,310.56	5	922.62	5	548.13	5	162.04	5		5		5		5		5	
1/4	1,690.42	1/4	1,302.48	1/4	914.54	1/4	540.36	1/4	153.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,682.34	1/2	1,294.40	1/2	906.46	1/2	532.58	1/2	145.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,674.26	3/4	1,286.32	3/4	898.38	3/4	524.80	3/4	137.79	3/4		3/4		3/4		3/4		3/4	
6	1,666.18	6	1,278.23	6	890.29	6	517.03	6	129.71	6		6		6		6		6	
1/4	1,658.09	1/4	1,270.15	1/4	882.36	1/4	509.10	1/4	121.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,650.01	1/2	1,262.07	1/2	874.44	1/2	501.17	1/2	113.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,641.93	3/4	1,253.99	3/4	866.51	3/4	493.24	3/4	105.47	3/4		3/4		3/4		3/4		3/4	
7	1,633.85	7	1,245.91	7	858.58	7	485.31	7	97.38	7		7		7		7		7	
1/4	1,625.77	1/4	1,237.82	1/4	850.81	1/4	477.23	1/4	89.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,617.68	1/2	1,229.74	1/2	843.04	1/2	469.15	1/2	81.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,609.60	3/4	1,221.66	3/4	835.28	3/4	461.06	3/4	73.14	3/4		3/4		3/4		3/4		3/4	
8	1,601.52	8	1,213.58	8	827.51	8	452.98	8	65.06	8		8		8		8		8	
1/4	1,593.44	1/4	1,205.50	1/4	819.75	1/4	444.90	1/4	57.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,585.35	1/2	1,197.41	1/2	811.99	1/2	436.82	1/2	50.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,577.27	3/4	1,189.33	3/4	804.23	3/4	428.74	3/4	43.84	3/4		3/4		3/4		3/4		3/4	
9	1,569.19	9	1,181.25	9	796.47	9	420.66	9	36.77	9		9		9		9		9	
1/4	1,561.11	1/4	1,173.17	1/4	788.71	1/4	412.57	1/4	31.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,553.03	1/2	1,165.09	1/2	780.95	1/2	404.49	1/2	26.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,544.94	3/4	1,157.00	3/4	773.19	3/4	396.41	3/4	21.61	3/4		3/4		3/4		3/4		3/4	
10	1,536.86	10	1,148.92	10	765.43	10	388.33	10	16.56	10		10		10		10		10	
1/4	1,528.78	1/4	1,140.84	1/4	757.67	1/4	380.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,520.70	1/2	1,132.76	1/2	749.91	1/2	372.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,512.62	3/4	1,124.67	3/4	742.15	3/4	364.08	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,504.53	11	1,116.59	11	734.39	11	356.00	11		11		11		11		11		11	
1/4	1,496.45	1/4	1,108.51	1/4	726.63	1/4	347.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,488.37	1/2	1,100.43	1/2	718.87	1/2	339.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,480.29	3/4	1,092.35	3/4	711.11	3/4	331.76	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2014 SW
CALCULATED: 04/11/2014 CL
PRINTED: 04/12/2014 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 355"

2 STBD ULLAGE TABLE HERMETIC

GAUGE HEIGHT 14'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,874.42	0	1,486.57	0	1,098.72	0	711.15	0	323.60	0		0		0		0		0	
1/4	1,866.34	1/4	1,478.49	1/4	1,090.64	1/4	703.09	1/4	315.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,858.26	1/2	1,470.41	1/2	1,082.56	1/2	695.02	1/2	307.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,850.18	3/4	1,462.33	3/4	1,074.48	3/4	686.96	3/4	299.36	3/4		3/4		3/4		3/4		3/4	
1	1,842.10	1	1,454.25	1	1,066.39	1	678.90	1	291.28	1		1		1		1		1	
1/4	1,834.02	1/4	1,446.17	1/4	1,058.31	1/4	670.83	1/4	283.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,825.94	1/2	1,438.09	1/2	1,050.23	1/2	662.77	1/2	275.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,817.86	3/4	1,430.01	3/4	1,042.15	3/4	654.71	3/4	267.04	3/4		3/4		3/4		3/4		3/4	
2	1,809.78	2	1,421.93	2	1,034.07	2	646.64	2	258.96	2		2		2		2		2	
1/4	1,801.70	1/4	1,413.85	1/4	1,025.99	1/4	638.58	1/4	250.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,793.62	1/2	1,405.77	1/2	1,017.91	1/2	630.51	1/2	242.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,785.54	3/4	1,397.69	3/4	1,009.83	3/4	622.45	3/4	234.72	3/4		3/4		3/4		3/4		3/4	
3	1,777.46	3	1,389.61	3	1,001.75	3	614.38	3	226.64	3		3		3		3		3	
1/4	1,769.38	1/4	1,381.53	1/4	993.67	1/4	606.32	1/4	218.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,761.30	1/2	1,373.45	1/2	985.59	1/2	598.26	1/2	210.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,753.22	3/4	1,365.37	3/4	977.51	3/4	590.19	3/4	202.40	3/4		3/4		3/4		3/4		3/4	
4	1,745.14	4	1,357.29	4	969.43	4	582.13	4	194.32	4		4		4		4		4	
1/4	1,737.06	1/4	1,349.21	1/4	961.35	1/4	574.06	1/4	186.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,728.98	1/2	1,341.12	1/2	953.27	1/2	565.99	1/2	178.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,720.90	3/4	1,333.04	3/4	945.19	3/4	557.92	3/4	170.08	3/4		3/4		3/4		3/4		3/4	
5	1,712.82	5	1,324.96	5	937.11	5	549.84	5	162.00	5		5		5		5		5	
1/4	1,704.74	1/4	1,316.88	1/4	929.03	1/4	541.76	1/4	153.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,696.66	1/2	1,308.80	1/2	920.95	1/2	533.68	1/2	145.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,688.58	3/4	1,300.72	3/4	912.87	3/4	525.60	3/4	137.76	3/4		3/4		3/4		3/4		3/4	
6	1,680.50	6	1,292.64	6	904.79	6	517.52	6	129.68	6		6		6		6		6	
1/4	1,672.42	1/4	1,284.56	1/4	896.71	1/4	509.44	1/4	121.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,664.34	1/2	1,276.48	1/2	888.63	1/2	501.36	1/2	113.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,656.26	3/4	1,268.40	3/4	880.55	3/4	493.28	3/4	105.44	3/4		3/4		3/4		3/4		3/4	
7	1,648.18	7	1,260.32	7	872.47	7	485.20	7	97.36	7		7		7		7		7	
1/4	1,640.10	1/4	1,252.24	1/4	864.40	1/4	477.12	1/4	89.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,632.02	1/2	1,244.16	1/2	856.32	1/2	469.04	1/2	81.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,623.94	3/4	1,236.08	3/4	848.25	3/4	460.96	3/4	73.12	3/4		3/4		3/4		3/4		3/4	
8	1,615.86	8	1,228.00	8	840.18	8	452.88	8	65.04	8		8		8		8		8	
1/4	1,607.77	1/4	1,219.92	1/4	832.12	1/4	444.80	1/4	57.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,599.69	1/2	1,211.84	1/2	824.05	1/2	436.72	1/2	50.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,591.61	3/4	1,203.76	3/4	815.99	3/4	428.64	3/4	43.83	3/4		3/4		3/4		3/4		3/4	
9	1,583.53	9	1,195.68	9	807.92	9	420.56	9	36.75	9		9		9		9		9	
1/4	1,575.45	1/4	1,187.60	1/4	799.86	1/4	412.48	1/4	31.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,567.37	1/2	1,179.52	1/2	791.80	1/2	404.40	1/2	26.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,559.29	3/4	1,171.44	3/4	783.73	3/4	396.32	3/4	21.60	3/4		3/4		3/4		3/4		3/4	
10	1,551.21	10	1,163.36	10	775.67	10	388.24	10	16.56	10		10		10		10		10	
1/4	1,543.13	1/4	1,155.28	1/4	767.60	1/4	380.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,535.05	1/2	1,147.20	1/2	759.54	1/2	372.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,526.97	3/4	1,139.12	3/4	751.47	3/4	364.00	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,518.89	11	1,131.04	11	743.41	11	355.92	11		11		11		11		11		11	
1/4	1,510.81	1/4	1,122.96	1/4	735.34	1/4	347.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,502.73	1/2	1,114.88	1/2	727.28	1/2	339.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,494.65	3/4	1,106.80	3/4	719.21	3/4	331.68	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2014 SW
CALCULATED: 04/11/2014 CL
PRINTED: 04/12/2014 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 355"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-10 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
	0				4,174.13		3,966.68		3,736.12		3,482.37		3,175.61		2,815.85		2,455.69		2,095.21
1/4		1/4	4,401.52	1/4	4,170.05	1/4	3,962.14	1/4	3,731.10	1/4	3,476.85	1/4	3,168.12	1/4	2,808.35	1/4	2,448.18	1/4	2,087.70
1/2		1/2	4,395.03	1/2	4,165.93	1/2	3,957.56	1/2	3,726.03	1/2	3,471.31	1/2	3,160.63	1/2	2,800.85	1/2	2,440.67	1/2	2,080.19
3/4		3/4	4,388.54	3/4	4,161.80	3/4	3,952.98	3/4	3,720.97	3/4	3,465.77	3/4	3,153.14	3/4	2,793.35	3/4	2,433.16	3/4	2,072.68
1	1	1	4,382.05	1	4,157.68	1	3,948.41	1	3,715.90	1	3,460.23	1	3,145.65	1	2,785.85	1	2,425.65	1	2,065.17
1/4		1/4	4,375.56	1/4	4,153.56	1/4	3,943.83	1/4	3,710.83	1/4	3,454.69	1/4	3,138.16	1/4	2,778.35	1/4	2,418.14	1/4	2,057.66
1/2		1/2	4,370.06	1/2	4,149.40	1/2	3,939.21	1/2	3,705.73	1/2	3,449.16	1/2	3,130.67	1/2	2,770.85	1/2	2,410.63	1/2	2,050.15
3/4		3/4	4,364.55	3/4	4,145.23	3/4	3,934.59	3/4	3,700.64	3/4	3,443.62	3/4	3,123.18	3/4	2,763.35	3/4	2,403.12	3/4	2,042.65
2	2	2	4,359.05	2	4,141.06	2	3,929.96	2	3,695.54	2	3,438.08	2	3,115.69	2	2,755.85	2	2,395.61	2	2,035.14
1/4		1/4	4,353.55	1/4	4,136.90	1/4	3,925.34	1/4	3,690.44	1/4	3,432.54	1/4	3,108.20	1/4	2,748.35	1/4	2,388.10	1/4	2,027.63
1/2		1/2	4,348.04	1/2	4,132.70	1/2	3,920.66	1/2	3,685.30	1/2	3,427.01	1/2	3,100.71	1/2	2,740.85	1/2	2,380.59	1/2	2,020.12
3/4		3/4	4,342.54	3/4	4,128.50	3/4	3,915.98	3/4	3,680.16	3/4	3,421.47	3/4	3,093.22	3/4	2,733.35	3/4	2,373.08	3/4	2,012.61
3	3	3	4,337.04	3	4,124.30	3	3,911.29	3	3,675.02	3	3,415.93	3	3,085.73	3	2,725.85	3	2,365.57	3	2,005.10
1/4		1/4	4,331.54	1/4	4,120.10	1/4	3,906.61	1/4	3,669.88	1/4	3,410.39	1/4	3,078.24	1/4	2,718.35	1/4	2,358.06	1/4	1,997.59
1/2		1/2	4,326.06	1/2	4,115.86	1/2	3,901.88	1/2	3,664.69	1/2	3,404.86	1/2	3,070.75	1/2	2,710.85	1/2	2,350.55	1/2	1,990.08
3/4		3/4	4,320.59	3/4	4,111.61	3/4	3,897.15	3/4	3,659.51	3/4	3,399.34	3/4	3,063.26	3/4	2,703.35	3/4	2,343.04	3/4	1,982.57
4	4	4	4,315.11	4	4,107.37	4	3,892.42	4	3,654.33	4	3,393.81	4	3,055.77	4	2,695.84	4	2,335.53	4	1,975.06
1/4		1/4	4,309.64	1/4	4,103.12	1/4	3,887.70	1/4	3,649.14	1/4	3,388.28	1/4	3,048.28	1/4	2,688.34	1/4	2,328.02	1/4	1,967.55
1/2		1/2	4,304.16	1/2	4,098.84	1/2	3,882.94	1/2	3,643.92	1/2	3,382.75	1/2	3,040.79	1/2	2,680.84	1/2	2,320.51	1/2	1,960.04
3/4		3/4	4,298.69	3/4	4,094.57	3/4	3,878.17	3/4	3,638.71	3/4	3,377.23	3/4	3,033.30	3/4	2,673.34	3/4	2,313.00	3/4	1,952.53
5	5	5	4,293.21	5	4,090.29	5	3,873.41	5	3,633.49	5	3,371.70	5	3,025.81	5	2,665.84	5	2,305.49	5	1,945.02
1/4		1/4	4,287.74	1/4	4,086.02	1/4	3,868.65	1/4	3,628.27	1/4	3,366.17	1/4	3,018.32	1/4	2,658.34	1/4	2,297.98	1/4	1,937.51
1/2		1/2	4,282.26	1/2	4,081.71	1/2	3,863.84	1/2	3,622.97	1/2	3,360.64	1/2	3,010.83	1/2	2,650.84	1/2	2,290.47	1/2	1,930.00
3/4		3/4	4,276.79	3/4	4,077.41	3/4	3,859.04	3/4	3,617.68	3/4	3,355.12	3/4	3,003.34	3/4	2,643.34	3/4	2,282.96	3/4	1,922.49
6	6	6	4,271.31	6	4,073.11	6	3,854.23	6	3,612.38	6	3,349.59	6	2,995.85	6	2,635.84	6	2,275.45	6	1,914.98
1/4		1/4	4,265.84	1/4	4,068.80	1/4	3,849.42	1/4	3,607.08	1/4	3,344.06	1/4	2,988.36	1/4	2,628.34	1/4	2,267.94	1/4	1,907.47
1/2		1/2	4,261.94	1/2	4,064.46	1/2	3,844.58	1/2	3,601.76	1/2	3,337.55	1/2	2,980.86	1/2	2,620.84	1/2	2,260.43	1/2	1,899.96
3/4		3/4	4,258.04	3/4	4,060.11	3/4	3,839.74	3/4	3,596.43	3/4	3,331.03	3/4	2,973.36	3/4	2,613.34	3/4	2,252.92	3/4	1,892.45
7	7	7	4,254.14	7	4,055.77	7	3,834.90	7	3,591.10	7	3,324.52	7	2,965.86	7	2,605.84	7	2,245.41	7	1,884.94
1/4		1/4	4,250.25	1/4	4,051.42	1/4	3,830.06	1/4	3,585.77	1/4	3,318.00	1/4	2,958.36	1/4	2,598.34	1/4	2,237.90	1/4	1,877.43
1/2		1/2	4,246.31	1/2	4,047.04	1/2	3,825.19	1/2	3,580.39	1/2	3,310.50	1/2	2,950.86	1/2	2,590.84	1/2	2,230.39	1/2	1,869.94
3/4		3/4	4,242.38	3/4	4,042.66	3/4	3,820.32	3/4	3,575.01	3/4	3,303.00	3/4	2,943.36	3/4	2,583.34	3/4	2,222.88	3/4	1,862.46
8	8	8	4,238.45	8	4,038.28	8	3,815.44	8	3,569.64	8	3,295.50	8	2,935.86	8	2,575.84	8	2,215.37	8	1,854.97
1/4		1/4	4,234.52	1/4	4,033.90	1/4	3,810.57	1/4	3,564.26	1/4	3,288.00	1/4	2,928.36	1/4	2,568.34	1/4	2,207.86	1/4	1,847.48
1/2		1/2	4,230.54	1/2	4,029.47	1/2	3,805.65	1/2	3,558.85	1/2	3,280.50	1/2	2,920.86	1/2	2,560.83	1/2	2,200.35	1/2	1,840.00
3/4		3/4	4,226.56	3/4	4,025.05	3/4	3,800.74	3/4	3,553.45	3/4	3,273.00	3/4	2,913.36	3/4	2,553.32	3/4	2,192.84	3/4	1,832.51
9	9	9	4,222.58	9	4,020.62	9	3,795.82	9	3,548.04	9	3,265.50	9	2,905.86	9	2,545.81	9	2,185.33	9	1,825.03
1/4		1/4	4,218.61	1/4	4,016.20	1/4	3,790.90	1/4	3,542.63	1/4	3,258.00	1/4	2,898.36	1/4	2,538.30	1/4	2,177.82	1/4	1,817.54
1/2		1/2	4,214.60	1/2	4,011.74	1/2	3,785.96	1/2	3,537.19	1/2	3,250.51	1/2	2,890.86	1/2	2,530.79	1/2	2,170.31	1/2	1,810.05
3/4		3/4	4,210.59	3/4	4,007.28	3/4	3,781.02	3/4	3,531.75	3/4	3,243.02	3/4	2,883.35	3/4	2,523.28	3/4	2,162.80	3/4	1,802.57
10	10	10	4,206.58	10	4,002.82	10	3,776.08	10	3,526.31	10	3,235.53	10	2,875.85	10	2,515.77	10	2,155.29	10	1,795.08
1/4		1/4	4,202.57	1/4	3,998.37	1/4	3,771.13	1/4	3,520.86	1/4	3,228.04	1/4	2,868.35	1/4	2,508.26	1/4	2,147.78	1/4	1,787.60
1/2		1/2	4,198.52	1/2	3,993.85	1/2	3,766.14	1/2	3,515.38	1/2	3,220.55	1/2	2,860.85	1/2	2,500.75	1/2	2,140.27	1/2	1,780.11
3/4		3/4	4,194.48	3/4	3,989.34	3/4	3,761.16	3/4	3,509.89	3/4	3,213.06	3/4	2,853.35	3/4	2,493.24	3/4	2,132.76	3/4	1,772.62
11	11	11	4,190.44	11	3,984.83	11	3,756.17	11	3,504.41	11	3,205.57	11	2,845.85	11	2,485.73	11	2,125.25	11	1,765.14
1/4		1/4	4,186.39	1/4	3,980.32	1/4	3,751.18	1/4	3,498.92	1/4	3,198.08	1/4	2,838.35	1/4	2,478.22	1/4	2,117.74	1/4	1,757.65
1/2		1/2	4,182.31	1/2	3,975.77	1/2	3,746.16	1/2	3,493.40	1/2	3,190.59	1/2	2,830.85	1/2	2,470.71	1/2	2,110.23	1/2	1,750.17
3/4		3/4	4,178.22	3/4	3,971.23	3/4	3,741.14	3/4	3,487.89	3/4	3,183.10	3/4	2,823.35	3/4	2,463.20	3/4	2,102.72	3/4	1,742.68

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 LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-03" OFF CENTERLINE AND 45'-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 355"

3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 14'-10 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,735.19	0	1,375.47	0	1,015.16	0	660.90	0	308.39	0		0		0		0		0	
1/4	1,727.71	1/4	1,367.97	1/4	1,007.65	1/4	653.69	1/4	300.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,720.22	1/2	1,360.46	1/2	1,000.14	1/2	646.48	1/2	293.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,712.74	3/4	1,352.95	3/4	992.64	3/4	639.27	3/4	285.86	3/4		3/4		3/4		3/4		3/4	
1	1,705.25	1	1,345.45	1	985.13	1	632.06	1	278.34	1		1		1		1		1	
1/4	1,697.76	1/4	1,337.94	1/4	977.62	1/4	624.85	1/4	270.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,690.28	1/2	1,330.43	1/2	970.12	1/2	617.64	1/2	263.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,682.79	3/4	1,322.93	3/4	962.61	3/4	610.43	3/4	255.81	3/4		3/4		3/4		3/4		3/4	
2	1,675.31	2	1,315.42	2	955.10	2	603.22	2	248.30	2		2		2		2		2	
1/4	1,667.82	1/4	1,307.91	1/4	947.60	1/4	596.02	1/4	240.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,660.33	1/2	1,300.41	1/2	940.09	1/2	588.81	1/2	233.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,652.85	3/4	1,292.90	3/4	932.58	3/4	581.60	3/4	225.76	3/4		3/4		3/4		3/4		3/4	
3	1,645.36	3	1,285.39	3	925.08	3	574.38	3	218.25	3		3		3		3		3	
1/4	1,637.88	1/4	1,277.89	1/4	917.57	1/4	567.17	1/4	210.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,630.39	1/2	1,270.38	1/2	910.06	1/2	559.96	1/2	203.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,622.90	3/4	1,262.87	3/4	902.56	3/4	552.75	3/4	195.71	3/4		3/4		3/4		3/4		3/4	
4	1,615.42	4	1,255.37	4	895.05	4	545.54	4	188.20	4		4		4		4		4	
1/4	1,607.93	1/4	1,247.86	1/4	887.54	1/4	538.33	1/4	180.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,600.45	1/2	1,240.36	1/2	880.04	1/2	531.12	1/2	173.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,592.96	3/4	1,232.85	3/4	872.53	3/4	523.90	3/4	165.66	3/4		3/4		3/4		3/4		3/4	
5	1,585.47	5	1,225.34	5	865.03	5	516.68	5	158.15	5		5		5		5		5	
1/4	1,577.99	1/4	1,217.84	1/4	857.52	1/4	509.47	1/4	150.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,570.50	1/2	1,210.33	1/2	850.01	1/2	502.24	1/2	143.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,563.02	3/4	1,202.82	3/4	842.51	3/4	495.02	3/4	135.62	3/4		3/4		3/4		3/4		3/4	
6	1,555.53	6	1,195.32	6	835.00	6	487.79	6	128.10	6		6		6		6		6	
1/4	1,548.04	1/4	1,187.81	1/4	827.49	1/4	480.57	1/4	120.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,540.56	1/2	1,180.30	1/2	820.12	1/2	473.20	1/2	113.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,533.07	3/4	1,172.80	3/4	812.75	3/4	465.84	3/4	105.57	3/4		3/4		3/4		3/4		3/4	
7	1,525.59	7	1,165.29	7	805.38	7	458.48	7	98.06	7		7		7		7		7	
1/4	1,518.10	1/4	1,157.78	1/4	798.01	1/4	451.12	1/4	90.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,510.59	1/2	1,150.28	1/2	790.78	1/2	443.61	1/2	83.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,503.09	3/4	1,142.77	3/4	783.55	3/4	436.10	3/4	75.52	3/4		3/4		3/4		3/4		3/4	
8	1,495.58	8	1,135.26	8	776.32	8	428.58	8	68.01	8		8		8		8		8	
1/4	1,488.07	1/4	1,127.76	1/4	769.09	1/4	421.07	1/4	60.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,480.57	1/2	1,120.25	1/2	761.87	1/2	413.56	1/2	53.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,473.06	3/4	1,112.74	3/4	754.65	3/4	406.05	3/4	47.35	3/4		3/4		3/4		3/4		3/4	
9	1,465.55	9	1,105.24	9	747.43	9	398.54	9	40.77	9		9		9		9		9	
1/4	1,458.05	1/4	1,097.73	1/4	740.21	1/4	391.02	1/4	34.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,450.54	1/2	1,090.22	1/2	733.00	1/2	383.51	1/2	29.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,443.03	3/4	1,082.72	3/4	725.79	3/4	376.00	3/4	24.81	3/4		3/4		3/4		3/4		3/4	
10	1,435.53	10	1,075.21	10	718.58	10	368.49	10	20.12	10		10		10		10		10	
1/4	1,428.02	1/4	1,067.70	1/4	711.37	1/4	360.98	1/4	15.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,420.51	1/2	1,060.20	1/2	704.16	1/2	353.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,413.01	3/4	1,052.69	3/4	696.95	3/4	345.95	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,405.50	11	1,045.18	11	689.74	11	338.44	11		11		11		11		11		11	
1/4	1,397.99	1/4	1,037.68	1/4	682.53	1/4	330.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,390.49	1/2	1,030.17	1/2	675.32	1/2	323.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,382.98	3/4	1,022.66	3/4	668.11	3/4	315.90	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2014 SW
CALCULATED: 04/11/2014 CL
PRINTED: 04/12/2014 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 355"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-10"

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	4,402.76	1/4	4,170.80	1/4	3,959.11	1/4	3,725.46	1/4	3,469.84	1/4	3,158.69	1/4	2,798.62	1/4	2,438.72	1/4	2,078.82
1/2		1/2	4,396.23	1/2	4,166.61	1/2	3,954.47	1/2	3,720.35	1/2	3,464.30	1/2	3,151.19	1/2	2,791.11	1/2	2,431.23	1/2	2,071.31
3/4		3/4	4,389.70	3/4	4,162.42	3/4	3,949.82	3/4	3,715.23	3/4	3,458.76	3/4	3,143.68	3/4	2,783.61	3/4	2,423.74	3/4	2,063.81
1	1	1	4,383.18	1	4,158.24	1	3,945.18	1	3,710.12	1	3,453.21	1	3,136.18	1	2,776.11	1	2,416.26	1	2,056.30
1/4		1/4	4,377.64	1/4	4,154.00	1/4	3,940.49	1/4	3,704.98	1/4	3,447.67	1/4	3,128.68	1/4	2,768.61	1/4	2,408.77	1/4	2,048.80
1/2		1/2	4,372.09	1/2	4,149.77	1/2	3,935.81	1/2	3,699.83	1/2	3,442.13	1/2	3,121.18	1/2	2,761.11	1/2	2,401.28	1/2	2,041.29
3/4		3/4	4,366.55	3/4	4,145.54	3/4	3,931.12	3/4	3,694.69	3/4	3,436.59	3/4	3,113.68	3/4	2,753.61	3/4	2,393.79	3/4	2,033.79
2	2	2	4,361.01	2	4,141.31	2	3,926.43	2	3,689.54	2	3,431.05	2	3,106.18	2	2,746.10	2	2,386.30	2	2,026.28
1/4		1/4	4,355.47	1/4	4,137.05	1/4	3,921.71	1/4	3,684.37	1/4	3,425.51	1/4	3,098.68	1/4	2,738.60	1/4	2,378.82	1/4	2,018.78
1/2		1/2	4,349.93	1/2	4,132.78	1/2	3,916.99	1/2	3,679.19	1/2	3,419.97	1/2	3,091.17	1/2	2,731.10	1/2	2,371.33	1/2	2,011.28
3/4		3/4	4,344.39	3/4	4,128.52	3/4	3,912.27	3/4	3,674.01	3/4	3,414.43	3/4	3,083.67	3/4	2,723.60	3/4	2,363.84	3/4	2,003.77
3	3	3	4,338.85	3	4,124.25	3	3,907.54	3	3,668.83	3	3,408.89	3	3,076.17	3	2,716.10	3	2,356.35	3	1,996.27
1/4		1/4	4,333.31	1/4	4,119.94	1/4	3,902.78	1/4	3,663.61	1/4	3,403.35	1/4	3,068.67	1/4	2,708.60	1/4	2,348.87	1/4	1,988.76
1/2		1/2	4,327.77	1/2	4,115.63	1/2	3,898.01	1/2	3,658.39	1/2	3,397.80	1/2	3,061.17	1/2	2,701.10	1/2	2,341.38	1/2	1,981.26
3/4		3/4	4,322.23	3/4	4,111.32	3/4	3,893.25	3/4	3,653.16	3/4	3,392.26	3/4	3,053.67	3/4	2,693.59	3/4	2,333.89	3/4	1,973.75
4	4	4	4,316.68	4	4,107.01	4	3,888.48	4	3,647.94	4	3,386.72	4	3,046.16	4	2,686.09	4	2,326.40	4	1,966.25
1/4		1/4	4,311.14	1/4	4,102.66	1/4	3,883.68	1/4	3,642.69	1/4	3,381.18	1/4	3,038.66	1/4	2,678.59	1/4	2,318.91	1/4	1,958.74
1/2		1/2	4,305.60	1/2	4,098.32	1/2	3,878.88	1/2	3,637.43	1/2	3,375.64	1/2	3,031.16	1/2	2,671.09	1/2	2,311.43	1/2	1,951.24
3/4		3/4	4,300.06	3/4	4,093.98	3/4	3,874.08	3/4	3,632.17	3/4	3,370.10	3/4	3,023.66	3/4	2,663.59	3/4	2,303.94	3/4	1,943.73
5	5	5	4,294.52	5	4,089.64	5	3,869.28	5	3,626.92	5	3,364.56	5	3,016.16	5	2,656.09	5	2,296.45	5	1,936.23
1/4		1/4	4,288.98	1/4	4,085.26	1/4	3,864.44	1/4	3,621.62	1/4	3,359.02	1/4	3,008.66	1/4	2,648.59	1/4	2,288.95	1/4	1,928.72
1/2		1/2	4,283.44	1/2	4,080.88	1/2	3,859.59	1/2	3,616.32	1/2	3,353.48	1/2	3,001.16	1/2	2,641.08	1/2	2,281.44	1/2	1,921.22
3/4		3/4	4,277.90	3/4	4,076.51	3/4	3,854.75	3/4	3,611.02	3/4	3,347.94	3/4	2,993.65	3/4	2,633.58	3/4	2,273.94	3/4	1,913.72
6	6	6	4,272.36	6	4,072.13	6	3,849.90	6	3,605.72	6	3,342.39	6	2,986.15	6	2,626.08	6	2,266.43	6	1,906.21
1/4		1/4	4,266.39	1/4	4,067.71	1/4	3,845.02	1/4	3,600.38	1/4	3,335.87	1/4	2,978.65	1/4	2,618.58	1/4	2,258.93	1/4	1,898.71
1/2		1/2	4,264.43	1/2	4,063.29	1/2	3,840.15	1/2	3,595.05	1/2	3,329.34	1/2	2,971.15	1/2	2,611.08	1/2	2,251.42	1/2	1,891.20
3/4		3/4	4,260.46	3/4	4,058.87	3/4	3,835.27	3/4	3,589.71	3/4	3,322.81	3/4	2,963.65	3/4	2,603.58	3/4	2,243.92	3/4	1,883.70
7	7	7	4,256.50	7	4,054.45	7	3,830.39	7	3,584.38	7	3,316.28	7	2,956.15	7	2,596.07	7	2,236.41	7	1,876.19
1/4		1/4	4,252.50	1/4	4,050.00	1/4	3,825.48	1/4	3,579.00	1/4	3,308.78	1/4	2,948.65	1/4	2,588.57	1/4	2,228.91	1/4	1,868.69
1/2		1/2	4,248.50	1/2	4,045.54	1/2	3,820.57	1/2	3,573.62	1/2	3,301.27	1/2	2,941.14	1/2	2,581.07	1/2	2,221.40	1/2	1,861.18
3/4		3/4	4,244.51	3/4	4,041.09	3/4	3,815.66	3/4	3,568.24	3/4	3,293.77	3/4	2,933.64	3/4	2,573.57	3/4	2,213.90	3/4	1,853.68
8	8	8	4,240.51	8	4,036.63	8	3,810.75	8	3,562.86	8	3,286.26	8	2,926.14	8	2,566.07	8	2,206.39	8	1,846.17
1/4		1/4	4,236.47	1/4	4,032.13	1/4	3,805.79	1/4	3,557.45	1/4	3,278.76	1/4	2,918.64	1/4	2,558.57	1/4	2,198.89	1/4	1,838.67
1/2		1/2	4,232.42	1/2	4,027.63	1/2	3,800.84	1/2	3,552.04	1/2	3,271.25	1/2	2,911.14	1/2	2,551.07	1/2	2,191.39	1/2	1,831.16
3/4		3/4	4,228.38	3/4	4,023.14	3/4	3,795.88	3/4	3,546.62	3/4	3,263.75	3/4	2,903.64	3/4	2,543.56	3/4	2,183.88	3/4	1,823.66
9	9	9	4,224.33	9	4,018.64	9	3,790.93	9	3,541.21	9	3,256.24	9	2,896.13	9	2,536.06	9	2,176.38	9	1,816.16
1/4		1/4	4,220.26	1/4	4,014.11	1/4	3,785.94	1/4	3,535.77	1/4	3,248.74	1/4	2,888.63	1/4	2,528.57	1/4	2,168.87	1/4	1,808.65
1/2		1/2	4,216.18	1/2	4,009.57	1/2	3,780.95	1/2	3,530.32	1/2	3,241.23	1/2	2,881.13	1/2	2,521.09	1/2	2,161.37	1/2	1,801.15
3/4		3/4	4,212.11	3/4	4,005.04	3/4	3,775.96	3/4	3,524.87	3/4	3,233.73	3/4	2,873.63	3/4	2,513.60	3/4	2,153.86	3/4	1,793.64
10	10	10	4,208.03	10	4,000.51	10	3,770.97	10	3,519.43	10	3,226.23	10	2,866.13	10	2,506.11	10	2,146.36	10	1,786.14
1/4		1/4	4,203.92	1/4	3,995.93	1/4	3,765.94	1/4	3,513.94	1/4	3,218.72	1/4	2,858.63	1/4	2,498.62	1/4	2,138.85	1/4	1,778.69
1/2		1/2	4,199.81	1/2	3,991.35	1/2	3,760.91	1/2	3,508.45	1/2	3,211.22	1/2	2,851.13	1/2	2,491.14	1/2	2,131.35	1/2	1,771.24
3/4		3/4	4,195.70	3/4	3,986.77	3/4	3,755.87	3/4	3,502.96	3/4	3,203.71	3/4	2,843.62	3/4	2,483.65	3/4	2,123.84	3/4	1,763.79
11	11	11	4,191.59	11	3,982.19	11	3,750.84	11	3,497.47	11	3,196.21	11	2,836.12	11	2,476.16	11	2,116.34	11	1,756.35
1/4		1/4	4,187.44	1/4	3,977.58	1/4	3,745.77	1/4	3,491.95	1/4	3,188.70	1/4	2,828.62	1/4	2,468.67	1/4	2,108.84	1/4	1,748.90
1/2		1/2	4,183.29	1/2	3,972.98	1/2	3,740.71	1/2	3,486.43	1/2	3,181.20	1/2	2,821.12	1/2	2,461.18	1/2	2,101.33	1/2	1,741.45
3/4		3/4	4,179.14	3/4	3,968.37	3/4	3,735.64	3/4	3,480.90	3/4	3,173.69	3/4	2,813.62	3/4	2,453.70	3/4	2,093.83	3/4	1,734.00

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 355"

3 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 14'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,726.56	0	1,368.62	0	1,008.41	0	654.01	0	300.64	0		0		0		0		0	
1/4	1,719.11	1/4	1,361.12	1/4	1,000.90	1/4	646.77	1/4	293.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,711.66	1/2	1,353.61	1/2	993.40	1/2	639.54	1/2	285.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,704.21	3/4	1,346.11	3/4	985.89	3/4	632.30	3/4	278.13	3/4		3/4		3/4		3/4		3/4	
1	1,696.77	1	1,338.60	1	978.39	1	625.07	1	270.62	1		1		1		1		1	
1/4	1,689.32	1/4	1,331.10	1/4	970.88	1/4	617.83	1/4	263.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,681.87	1/2	1,323.59	1/2	963.38	1/2	610.59	1/2	255.61	1/2		1/2		1/2		1/2		1/2	
3/4	1,674.42	3/4	1,316.09	3/4	955.87	3/4	603.36	3/4	248.11	3/4		3/4		3/4		3/4		3/4	
2	1,666.98	2	1,308.59	2	948.37	2	596.12	2	240.60	2		2		2		2		2	
1/4	1,659.53	1/4	1,301.08	1/4	940.86	1/4	588.88	1/4	233.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,652.08	1/2	1,293.58	1/2	933.36	1/2	581.65	1/2	225.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,644.63	3/4	1,286.07	3/4	925.86	3/4	574.41	3/4	218.09	3/4		3/4		3/4		3/4		3/4	
3	1,637.19	3	1,278.57	3	918.35	3	567.17	3	210.59	3		3		3		3		3	
1/4	1,629.74	1/4	1,271.06	1/4	910.85	1/4	559.93	1/4	203.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,622.29	1/2	1,263.56	1/2	903.34	1/2	552.70	1/2	195.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,614.84	3/4	1,256.05	3/4	895.84	3/4	545.46	3/4	188.07	3/4		3/4		3/4		3/4		3/4	
4	1,607.40	4	1,248.55	4	888.33	4	538.22	4	180.57	4		4		4		4		4	
1/4	1,599.95	1/4	1,241.04	1/4	880.83	1/4	530.98	1/4	173.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,592.50	1/2	1,233.54	1/2	873.32	1/2	523.73	1/2	165.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,585.05	3/4	1,226.04	3/4	865.82	3/4	516.49	3/4	158.06	3/4		3/4		3/4		3/4		3/4	
5	1,577.61	5	1,218.53	5	858.32	5	509.25	5	150.55	5		5		5		5		5	
1/4	1,570.16	1/4	1,211.03	1/4	850.81	1/4	501.99	1/4	143.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,562.71	1/2	1,203.52	1/2	843.31	1/2	494.74	1/2	135.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,555.26	3/4	1,196.02	3/4	835.80	3/4	487.49	3/4	128.04	3/4		3/4		3/4		3/4		3/4	
6	1,547.82	6	1,188.51	6	828.30	6	480.24	6	120.53	6		6		6		6		6	
1/4	1,540.37	1/4	1,181.01	1/4	820.92	1/4	472.86	1/4	113.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,532.92	1/2	1,173.50	1/2	813.54	1/2	465.48	1/2	105.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,525.47	3/4	1,166.00	3/4	806.16	3/4	458.10	3/4	98.02	3/4		3/4		3/4		3/4		3/4	
7	1,518.03	7	1,158.50	7	798.78	7	450.72	7	90.52	7		7		7		7		7	
1/4	1,510.58	1/4	1,150.99	1/4	791.54	1/4	443.22	1/4	83.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,503.13	1/2	1,143.49	1/2	784.29	1/2	435.72	1/2	75.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,495.68	3/4	1,135.98	3/4	777.05	3/4	428.21	3/4	68.00	3/4		3/4		3/4		3/4		3/4	
8	1,488.24	8	1,128.48	8	769.81	8	420.71	8	60.50	8		8		8		8		8	
1/4	1,480.79	1/4	1,120.97	1/4	762.57	1/4	413.20	1/4	53.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,473.34	1/2	1,113.47	1/2	755.33	1/2	405.70	1/2	47.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,465.89	3/4	1,105.96	3/4	748.09	3/4	398.19	3/4	40.80	3/4		3/4		3/4		3/4		3/4	
9	1,458.45	9	1,098.46	9	740.86	9	390.69	9	34.24	9		9		9		9		9	
1/4	1,451.00	1/4	1,090.95	1/4	733.62	1/4	383.19	1/4	29.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,443.55	1/2	1,083.45	1/2	726.38	1/2	375.68	1/2	24.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,436.10	3/4	1,075.95	3/4	719.14	3/4	368.18	3/4	20.14	3/4		3/4		3/4		3/4		3/4	
10	1,428.66	10	1,068.44	10	711.91	10	360.67	10	15.45	10		10		10		10		10	
1/4	1,421.15	1/4	1,060.94	1/4	704.67	1/4	353.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,413.65	1/2	1,053.43	1/2	697.43	1/2	345.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,406.14	3/4	1,045.93	3/4	690.20	3/4	338.16	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,398.64	11	1,038.42	11	682.96	11	330.66	11		11		11		11		11		11	
1/4	1,391.13	1/4	1,030.92	1/4	675.72	1/4	323.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,383.63	1/2	1,023.41	1/2	668.48	1/2	315.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,376.13	3/4	1,015.91	3/4	661.25	3/4	308.14	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2014 SW
 CALCULATED: 04/11/2014 CL
 PRINTED: 04/12/2014 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 04/2014

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