



BARGE "CTCO 3000"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
4 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
4 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
5 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
5 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 = 5'-00"
 DIFF. = 3'-00" (DOWN BY STERN)

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

August 18, 2014

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 3000"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,263.31	0	1,065.69	0	868.07	0	670.45	0	472.83	0	280.44	0	86.87	0		0		0	
1/4	1,259.19	1/4	1,061.57	1/4	863.95	1/4	666.33	1/4	468.71	1/4	276.52	1/4	82.75	1/4	1/4		1/4		1/4
1/2	1,255.08	1/2	1,057.46	1/2	859.84	1/2	662.22	1/2	464.59	1/2	272.61	1/2	78.64	1/2	1/2		1/2		1/2
3/4	1,250.96	3/4	1,053.34	3/4	855.72	3/4	658.10	3/4	460.48	3/4	268.69	3/4	74.52	3/4	3/4		3/4		3/4
1	1,246.84	1	1,049.22	1	851.60	1	653.98	1	456.36	1	264.77	1	70.40	1	1		1		1
1/4	1,242.73	1/4	1,045.11	1/4	847.48	1/4	649.86	1/4	452.24	1/4	260.85	1/4	66.28	1/4	1/4		1/4		1/4
1/2	1,238.61	1/2	1,040.99	1/2	843.37	1/2	645.75	1/2	448.13	1/2	256.94	1/2	62.17	1/2	1/2		1/2		1/2
3/4	1,234.49	3/4	1,036.87	3/4	839.25	3/4	641.63	3/4	444.01	3/4	253.02	3/4	58.05	3/4	3/4		3/4		3/4
2	1,230.38	2	1,032.75	2	835.13	2	637.51	2	439.89	2	249.10	2	53.93	2	2		2		2
1/4	1,226.26	1/4	1,028.64	1/4	831.02	1/4	633.40	1/4	435.77	1/4	245.18	1/4	49.82	1/4	1/4		1/4		1/4
1/2	1,222.14	1/2	1,024.52	1/2	826.90	1/2	629.28	1/2	431.66	1/2	241.26	1/2	45.70	1/2	1/2		1/2		1/2
3/4	1,218.02	3/4	1,020.40	3/4	822.78	3/4	625.16	3/4	427.54	3/4	237.34	3/4	41.71	3/4	3/4		3/4		3/4
3	1,213.91	3	1,016.29	3	818.67	3	621.04	3	423.42	3	233.42	3	37.72	3	3		3		3
1/4	1,209.79	1/4	1,012.17	1/4	814.55	1/4	616.93	1/4	419.31	1/4	229.51	1/4	33.74	1/4	1/4		1/4		1/4
1/2	1,205.67	1/2	1,008.05	1/2	810.43	1/2	612.81	1/2	415.19	1/2	225.59	1/2	29.75	1/2	1/2		1/2		1/2
3/4	1,201.56	3/4	1,003.93	3/4	806.31	3/4	608.69	3/4	411.07	3/4	221.66	3/4	26.40	3/4	3/4		3/4		3/4
4	1,197.44	4	999.82	4	802.20	4	604.58	4	406.96	4	217.73	4	23.06	4	4		4		4
1/4	1,193.32	1/4	995.70	1/4	798.08	1/4	600.46	1/4	402.84	1/4	213.79	1/4	19.71	1/4	1/4		1/4		1/4
1/2	1,189.20	1/2	991.58	1/2	793.96	1/2	596.34	1/2	398.72	1/2	209.86	1/2	16.37	1/2	1/2		1/2		1/2
3/4	1,185.09	3/4	987.47	3/4	789.85	3/4	592.22	3/4	394.65	3/4	205.87	3/4	14.05	3/4	3/4		3/4		3/4
5	1,180.97	5	983.35	5	785.73	5	588.11	5	390.57	5	201.89	5	11.74	5	5		5		5
1/4	1,176.85	1/4	979.23	1/4	781.61	1/4	583.99	1/4	386.50	1/4	197.90	1/4	9.42	1/4	1/4		1/4		1/4
1/2	1,172.74	1/2	975.11	1/2	777.49	1/2	579.87	1/2	382.42	1/2	193.91	1/2	7.10	1/2	1/2		1/2		1/2
3/4	1,168.62	3/4	971.00	3/4	773.38	3/4	575.76	3/4	378.48	3/4	189.79	3/4		3/4	3/4		3/4		3/4
6	1,164.50	6	966.88	6	769.26	6	571.64	6	374.54	6	185.67	6		6	6		6		6
1/4	1,160.38	1/4	962.76	1/4	765.14	1/4	567.52	1/4	370.60	1/4	181.56	1/4		1/4	1/4		1/4		1/4
1/2	1,156.27	1/2	958.65	1/2	761.03	1/2	563.40	1/2	366.66	1/2	177.44	1/2		1/2	1/2		1/2		1/2
3/4	1,152.15	3/4	954.53	3/4	756.91	3/4	559.29	3/4	362.73	3/4	173.32	3/4		3/4	3/4		3/4		3/4
7	1,148.03	7	950.41	7	752.79	7	555.17	7	358.81	7	169.20	7		7	7		7		7
1/4	1,143.92	1/4	946.30	1/4	748.67	1/4	551.05	1/4	354.89	1/4	165.09	1/4		1/4	1/4		1/4		1/4
1/2	1,139.80	1/2	942.18	1/2	744.56	1/2	546.94	1/2	350.96	1/2	160.97	1/2		1/2	1/2		1/2		1/2
3/4	1,135.68	3/4	938.06	3/4	740.44	3/4	542.82	3/4	347.04	3/4	156.85	3/4		3/4	3/4		3/4		3/4
8	1,131.56	8	933.94	8	736.32	8	538.70	8	343.13	8	152.74	8		8	8		8		8
1/4	1,127.45	1/4	929.83	1/4	732.21	1/4	534.59	1/4	339.21	1/4	148.62	1/4		1/4	1/4		1/4		1/4
1/2	1,123.33	1/2	925.71	1/2	728.09	1/2	530.47	1/2	335.29	1/2	144.50	1/2		1/2	1/2		1/2		1/2
3/4	1,119.21	3/4	921.59	3/4	723.97	3/4	526.35	3/4	331.37	3/4	140.39	3/4		3/4	3/4		3/4		3/4
9	1,115.10	9	917.48	9	719.85	9	522.23	9	327.46	9	136.27	9		9	9		9		9
1/4	1,110.98	1/4	913.36	1/4	715.74	1/4	518.12	1/4	323.54	1/4	132.15	1/4		1/4	1/4		1/4		1/4
1/2	1,106.86	1/2	909.24	1/2	711.62	1/2	514.00	1/2	319.62	1/2	128.04	1/2		1/2	1/2		1/2		1/2
3/4	1,102.74	3/4	905.12	3/4	707.50	3/4	509.88	3/4	315.70	3/4	123.92	3/4		3/4	3/4		3/4		3/4
10	1,098.63	10	901.01	10	703.39	10	505.77	10	311.78	10	119.80	10		10	10		10		10
1/4	1,094.51	1/4	896.89	1/4	699.27	1/4	501.65	1/4	307.87	1/4	115.69	1/4		1/4	1/4		1/4		1/4
1/2	1,090.39	1/2	892.77	1/2	695.15	1/2	497.53	1/2	303.95	1/2	111.57	1/2		1/2	1/2		1/2		1/2
3/4	1,086.28	3/4	888.66	3/4	691.03	3/4	493.41	3/4	300.03	3/4	107.45	3/4		3/4	3/4		3/4		3/4
11	1,082.16	11	884.54	11	686.92	11	489.30	11	296.11	11	103.34	11		11	11		11		11
1/4	1,078.04	1/4	880.42	1/4	682.80	1/4	485.18	1/4	292.20	1/4	99.22	1/4		1/4	1/4		1/4		1/4
1/2	1,073.93	1/2	876.30	1/2	678.68	1/2	481.06	1/2	288.28	1/2	95.10	1/2		1/2	1/2		1/2		1/2
3/4	1,069.81	3/4	872.19	3/4	674.57	3/4	476.95	3/4	284.36	3/4	90.99	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

PRECISION MEASUREMENT
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BARGE "CTCo 3000"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Table with columns for height (0 FT. to 9 FT.) and rows for gauge height (0 to 3/4). Each cell contains capacity values in barrels.

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 11'-00" OFF CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "CTCo 3000"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,258.79	0	1,061.34	0	863.90	0	666.46	0	469.01	0	276.57	0	82.67	0		0		0	
1/4	1,254.67	1/4	1,057.23	1/4	859.79	1/4	662.34	1/4	464.90	1/4	272.64	1/4	78.56	1/4	1/4	1/4		1/4	
1/2	1,250.56	1/2	1,053.12	1/2	855.67	1/2	658.23	1/2	460.79	1/2	268.70	1/2	74.45	1/2	1/2	1/2		1/2	
3/4	1,246.45	3/4	1,049.00	3/4	851.56	3/4	654.12	3/4	456.67	3/4	264.77	3/4	70.33	3/4	3/4	3/4		3/4	
1	1,242.33	1	1,044.89	1	847.45	1	650.00	1	452.56	1	260.84	1	66.22	1	1	1		1	
1/4	1,238.22	1/4	1,040.78	1/4	843.33	1/4	645.89	1/4	448.45	1/4	256.91	1/4	62.11	1/4	1/4	1/4		1/4	
1/2	1,234.11	1/2	1,036.66	1/2	839.22	1/2	641.78	1/2	444.33	1/2	252.98	1/2	57.99	1/2	1/2	1/2		1/2	
3/4	1,229.99	3/4	1,032.55	3/4	835.11	3/4	637.66	3/4	440.22	3/4	249.05	3/4	53.88	3/4	3/4	3/4		3/4	
2	1,225.88	2	1,028.44	2	830.99	2	633.55	2	436.11	2	245.11	2	49.77	2	2	2		2	
1/4	1,221.77	1/4	1,024.32	1/4	826.88	1/4	629.44	1/4	431.99	1/4	241.18	1/4	45.65	1/4	1/4	1/4		1/4	
1/2	1,217.65	1/2	1,020.21	1/2	822.77	1/2	625.32	1/2	427.88	1/2	237.25	1/2	41.67	1/2	1/2	1/2		1/2	
3/4	1,213.54	3/4	1,016.10	3/4	818.65	3/4	621.21	3/4	423.77	3/4	233.31	3/4	37.69	3/4	3/4	3/4		3/4	
3	1,209.43	3	1,011.98	3	814.54	3	617.10	3	419.65	3	229.38	3	33.70	3	3	3		3	
1/4	1,205.31	1/4	1,007.87	1/4	810.43	1/4	612.98	1/4	415.54	1/4	225.45	1/4	29.72	1/4	1/4	1/4		1/4	
1/2	1,201.20	1/2	1,003.76	1/2	806.31	1/2	608.87	1/2	411.43	1/2	221.50	1/2	26.37	1/2	1/2	1/2		1/2	
3/4	1,197.09	3/4	999.64	3/4	802.20	3/4	604.76	3/4	407.31	3/4	217.56	3/4	23.03	3/4	3/4	3/4		3/4	
4	1,192.97	4	995.53	4	798.09	4	600.64	4	403.20	4	213.62	4	19.69	4	4	4		4	
1/4	1,188.86	1/4	991.42	1/4	793.97	1/4	596.53	1/4	399.09	1/4	209.67	1/4	16.35	1/4	1/4	1/4		1/4	
1/2	1,184.75	1/2	987.30	1/2	789.86	1/2	592.42	1/2	395.02	1/2	205.69	1/2	14.04	1/2	1/2	1/2		1/2	
3/4	1,180.63	3/4	983.19	3/4	785.75	3/4	588.30	3/4	390.94	3/4	201.70	3/4	11.72	3/4	3/4	3/4		3/4	
5	1,176.52	5	979.08	5	781.63	5	584.19	5	386.87	5	197.71	5	9.41	5	5	5		5	
1/4	1,172.41	1/4	974.96	1/4	777.52	1/4	580.08	1/4	382.80	1/4	193.73	1/4	7.10	1/4	1/4	1/4		1/4	
1/2	1,168.29	1/2	970.85	1/2	773.41	1/2	575.96	1/2	378.86	1/2	189.61	1/2		1/2	1/2	1/2		1/2	
3/4	1,164.18	3/4	966.74	3/4	769.29	3/4	571.85	3/4	374.92	3/4	185.50	3/4		3/4	3/4	3/4		3/4	
6	1,160.07	6	962.62	6	765.18	6	567.74	6	370.97	6	181.39	6		6	6	6		6	
1/4	1,155.95	1/4	958.51	1/4	761.07	1/4	563.62	1/4	367.03	1/4	177.27	1/4		1/4	1/4	1/4		1/4	
1/2	1,151.84	1/2	954.40	1/2	756.95	1/2	559.51	1/2	363.09	1/2	173.16	1/2		1/2	1/2	1/2		1/2	
3/4	1,147.73	3/4	950.28	3/4	752.84	3/4	555.40	3/4	359.15	3/4	169.05	3/4		3/4	3/4	3/4		3/4	
7	1,143.61	7	946.17	7	748.73	7	551.28	7	355.21	7	164.93	7		7	7	7		7	
1/4	1,139.50	1/4	942.06	1/4	744.61	1/4	547.17	1/4	351.27	1/4	160.82	1/4		1/4	1/4	1/4		1/4	
1/2	1,135.39	1/2	937.94	1/2	740.50	1/2	543.06	1/2	347.33	1/2	156.71	1/2		1/2	1/2	1/2		1/2	
3/4	1,131.27	3/4	933.83	3/4	736.39	3/4	538.94	3/4	343.40	3/4	152.60	3/4		3/4	3/4	3/4		3/4	
8	1,127.16	8	929.72	8	732.27	8	534.83	8	339.47	8	148.48	8		8	8	8		8	
1/4	1,123.04	1/4	925.60	1/4	728.16	1/4	530.72	1/4	335.54	1/4	144.37	1/4		1/4	1/4	1/4		1/4	
1/2	1,118.93	1/2	921.49	1/2	724.05	1/2	526.60	1/2	331.61	1/2	140.26	1/2		1/2	1/2	1/2		1/2	
3/4	1,114.82	3/4	917.37	3/4	719.93	3/4	522.49	3/4	327.68	3/4	136.14	3/4		3/4	3/4	3/4		3/4	
9	1,110.70	9	913.26	9	715.82	9	518.38	9	323.74	9	132.03	9		9	9	9		9	
1/4	1,106.59	1/4	909.15	1/4	711.70	1/4	514.26	1/4	319.81	1/4	127.92	1/4		1/4	1/4	1/4		1/4	
1/2	1,102.48	1/2	905.03	1/2	707.59	1/2	510.15	1/2	315.88	1/2	123.80	1/2		1/2	1/2	1/2		1/2	
3/4	1,098.36	3/4	900.92	3/4	703.48	3/4	506.03	3/4	311.95	3/4	119.69	3/4		3/4	3/4	3/4		3/4	
10	1,094.25	10	896.81	10	699.36	10	501.92	10	308.02	10	115.58	10		10	10	10		10	
1/4	1,090.14	1/4	892.69	1/4	695.25	1/4	497.81	1/4	304.09	1/4	111.46	1/4		1/4	1/4	1/4		1/4	
1/2	1,086.02	1/2	888.58	1/2	691.14	1/2	493.69	1/2	300.16	1/2	107.35	1/2		1/2	1/2	1/2		1/2	
3/4	1,081.91	3/4	884.47	3/4	687.02	3/4	489.58	3/4	296.22	3/4	103.24	3/4		3/4	3/4	3/4		3/4	
11	1,077.80	11	880.35	11	682.91	11	485.47	11	292.29	11	99.13	11		11	11	11		11	
1/4	1,073.68	1/4	876.24	1/4	678.80	1/4	481.35	1/4	288.36	1/4	95.01	1/4		1/4	1/4	1/4		1/4	
1/2	1,069.57	1/2	872.13	1/2	674.68	1/2	477.24	1/2	284.43	1/2	90.90	1/2		1/2	1/2	1/2		1/2	
3/4	1,065.46	3/4	868.01	3/4	670.57	3/4	473.13	3/4	280.50	3/4	86.79	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014



BARGE "CTCo 3000"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,256.24	0	1,059.19	0	862.15	0	665.10	0	468.06	0	276.01	0	82.51	0		0		0	
1/4	1,252.13	1/4	1,055.09	1/4	858.04	1/4	661.00	1/4	463.95	1/4	272.09	1/4	78.41	1/4	1/4	1/4		1/4	
1/2	1,248.03	1/2	1,050.98	1/2	853.94	1/2	656.89	1/2	459.85	1/2	268.16	1/2	74.30	1/2	1/2	1/2		1/2	
3/4	1,243.92	3/4	1,046.88	3/4	849.83	3/4	652.79	3/4	455.74	3/4	264.24	3/4	70.20	3/4	3/4	3/4		3/4	
1	1,239.82	1	1,042.77	1	845.73	1	648.68	1	451.64	1	260.32	1	66.09	1	1	1		1	
1/4	1,235.71	1/4	1,038.67	1/4	841.62	1/4	644.58	1/4	447.53	1/4	256.39	1/4	61.99	1/4	1/4	1/4		1/4	
1/2	1,231.61	1/2	1,034.56	1/2	837.52	1/2	640.47	1/2	443.43	1/2	252.47	1/2	57.88	1/2	1/2	1/2		1/2	
3/4	1,227.50	3/4	1,030.46	3/4	833.41	3/4	636.37	3/4	439.32	3/4	248.55	3/4	53.78	3/4	3/4	3/4		3/4	
2	1,223.40	2	1,026.35	2	829.31	2	632.26	2	435.22	2	244.62	2	49.67	2	2	2		2	
1/4	1,219.29	1/4	1,022.25	1/4	825.20	1/4	628.16	1/4	431.11	1/4	240.70	1/4	45.57	1/4	1/4	1/4		1/4	
1/2	1,215.19	1/2	1,018.14	1/2	821.10	1/2	624.05	1/2	427.01	1/2	236.77	1/2	41.59	1/2	1/2	1/2		1/2	
3/4	1,211.08	3/4	1,014.04	3/4	816.99	3/4	619.95	3/4	422.90	3/4	232.85	3/4	37.62	3/4	3/4	3/4		3/4	
3	1,206.98	3	1,009.93	3	812.89	3	615.84	3	418.80	3	228.92	3	33.64	3	3	3		3	
1/4	1,202.87	1/4	1,005.83	1/4	808.78	1/4	611.74	1/4	414.69	1/4	225.00	1/4	29.66	1/4	1/4	1/4		1/4	
1/2	1,198.77	1/2	1,001.72	1/2	804.68	1/2	607.63	1/2	410.59	1/2	221.06	1/2	26.33	1/2	1/2	1/2		1/2	
3/4	1,194.66	3/4	997.62	3/4	800.57	3/4	603.53	3/4	406.48	3/4	217.13	3/4	22.99	3/4	3/4	3/4		3/4	
4	1,190.56	4	993.51	4	796.47	4	599.42	4	402.38	4	213.19	4	19.66	4	4	4		4	
1/4	1,186.45	1/4	989.41	1/4	792.36	1/4	595.32	1/4	398.27	1/4	209.26	1/4	16.32	1/4	1/4	1/4		1/4	
1/2	1,182.35	1/2	985.30	1/2	788.26	1/2	591.21	1/2	394.21	1/2	205.28	1/2	14.01	1/2	1/2	1/2		1/2	
3/4	1,178.24	3/4	981.20	3/4	784.15	3/4	587.11	3/4	390.15	3/4	201.30	3/4	11.70	3/4	3/4	3/4		3/4	
5	1,174.14	5	977.09	5	780.05	5	583.00	5	386.08	5	197.32	5	9.40	5	5	5		5	
1/4	1,170.03	1/4	972.99	1/4	775.94	1/4	578.90	1/4	382.02	1/4	193.35	1/4	7.08	1/4	1/4	1/4		1/4	
1/2	1,165.93	1/2	968.88	1/2	771.84	1/2	574.79	1/2	378.09	1/2	189.24	1/2		1/2	1/2	1/2		1/2	
3/4	1,161.82	3/4	964.78	3/4	767.73	3/4	570.69	3/4	374.15	3/4	185.14	3/4		3/4	3/4	3/4		3/4	
6	1,157.72	6	960.67	6	763.63	6	566.58	6	370.22	6	181.03	6		6	6	6		6	
1/4	1,153.61	1/4	956.57	1/4	759.52	1/4	562.48	1/4	366.28	1/4	176.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,149.51	1/2	952.46	1/2	755.42	1/2	558.37	1/2	362.35	1/2	172.82	1/2		1/2	1/2	1/2		1/2	
3/4	1,145.40	3/4	948.36	3/4	751.31	3/4	554.27	3/4	358.42	3/4	168.72	3/4		3/4	3/4	3/4		3/4	
7	1,141.30	7	944.25	7	747.21	7	550.16	7	354.48	7	164.61	7		7	7	7		7	
1/4	1,137.19	1/4	940.15	1/4	743.10	1/4	546.06	1/4	350.55	1/4	160.51	1/4		1/4	1/4	1/4		1/4	
1/2	1,133.09	1/2	936.04	1/2	739.00	1/2	541.95	1/2	346.63	1/2	156.40	1/2		1/2	1/2	1/2		1/2	
3/4	1,128.98	3/4	931.94	3/4	734.89	3/4	537.85	3/4	342.70	3/4	152.30	3/4		3/4	3/4	3/4		3/4	
8	1,124.88	8	927.83	8	730.79	8	533.74	8	338.78	8	148.19	8		8	8	8		8	
1/4	1,120.77	1/4	923.73	1/4	726.68	1/4	529.64	1/4	334.86	1/4	144.09	1/4		1/4	1/4	1/4		1/4	
1/2	1,116.67	1/2	919.62	1/2	722.58	1/2	525.53	1/2	330.93	1/2	139.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,112.56	3/4	915.52	3/4	718.47	3/4	521.43	3/4	327.01	3/4	135.88	3/4		3/4	3/4	3/4		3/4	
9	1,108.46	9	911.41	9	714.37	9	517.32	9	323.09	9	131.77	9		9	9	9		9	
1/4	1,104.35	1/4	907.31	1/4	710.26	1/4	513.22	1/4	319.16	1/4	127.67	1/4		1/4	1/4	1/4		1/4	
1/2	1,100.24	1/2	903.20	1/2	706.16	1/2	509.11	1/2	315.24	1/2	123.56	1/2		1/2	1/2	1/2		1/2	
3/4	1,096.14	3/4	899.09	3/4	702.05	3/4	505.01	3/4	311.32	3/4	119.46	3/4		3/4	3/4	3/4		3/4	
10	1,092.03	10	894.99	10	697.95	10	500.90	10	307.40	10	115.35	10		10	10	10		10	
1/4	1,087.93	1/4	890.88	1/4	693.84	1/4	496.80	1/4	303.47	1/4	111.25	1/4		1/4	1/4	1/4		1/4	
1/2	1,083.82	1/2	886.78	1/2	689.73	1/2	492.69	1/2	299.55	1/2	107.14	1/2		1/2	1/2	1/2		1/2	
3/4	1,079.72	3/4	882.67	3/4	685.63	3/4	488.58	3/4	295.63	3/4	103.04	3/4		3/4	3/4	3/4		3/4	
11	1,075.61	11	878.57	11	681.52	11	484.48	11	291.70	11	98.93	11		11	11	11		11	
1/4	1,071.51	1/4	874.46	1/4	677.42	1/4	480.37	1/4	287.78	1/4	94.83	1/4		1/4	1/4	1/4		1/4	
1/2	1,067.40	1/2	870.36	1/2	673.31	1/2	476.27	1/2	283.86	1/2	90.72	1/2		1/2	1/2	1/2		1/2	
3/4	1,063.30	3/4	866.25	3/4	669.21	3/4	472.16	3/4	279.93	3/4	86.62	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

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



BARGE "CTCo 3000"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,258.06	0	1,060.61	0	863.17	0	665.73	0	468.28	0	276.27	0	82.68	0		0		0	
1/4	1,253.94	1/4	1,056.50	1/4	859.06	1/4	661.61	1/4	464.17	1/4	272.36	1/4	78.56	1/4	1/4		1/4		1/4
1/2	1,249.83	1/2	1,052.39	1/2	854.94	1/2	657.50	1/2	460.06	1/2	268.45	1/2	74.45	1/2	1/2		1/2		1/2
3/4	1,245.72	3/4	1,048.27	3/4	850.83	3/4	653.39	3/4	455.94	3/4	264.53	3/4	70.34	3/4	3/4		3/4		3/4
1	1,241.60	1	1,044.16	1	846.72	1	649.27	1	451.83	1	260.62	1	66.23	1	1		1		1
1/4	1,237.49	1/4	1,040.05	1/4	842.60	1/4	645.16	1/4	447.72	1/4	256.70	1/4	62.11	1/4	1/4		1/4		1/4
1/2	1,233.38	1/2	1,035.93	1/2	838.49	1/2	641.05	1/2	443.60	1/2	252.79	1/2	58.00	1/2	1/2		1/2		1/2
3/4	1,229.26	3/4	1,031.82	3/4	834.38	3/4	636.93	3/4	439.49	3/4	248.87	3/4	53.89	3/4	3/4		3/4		3/4
2	1,225.15	2	1,027.71	2	830.26	2	632.82	2	435.38	2	244.96	2	49.77	2	2		2		2
1/4	1,221.04	1/4	1,023.59	1/4	826.15	1/4	628.71	1/4	431.26	1/4	241.05	1/4	45.66	1/4	1/4		1/4		1/4
1/2	1,216.92	1/2	1,019.48	1/2	822.04	1/2	624.59	1/2	427.15	1/2	237.13	1/2	41.68	1/2	1/2		1/2		1/2
3/4	1,212.81	3/4	1,015.37	3/4	817.92	3/4	620.48	3/4	423.04	3/4	233.21	3/4	37.69	3/4	3/4		3/4		3/4
3	1,208.70	3	1,011.25	3	813.81	3	616.37	3	418.92	3	229.30	3	33.71	3	3		3		3
1/4	1,204.58	1/4	1,007.14	1/4	809.70	1/4	612.25	1/4	414.81	1/4	225.38	1/4	29.72	1/4	1/4		1/4		1/4
1/2	1,200.47	1/2	1,003.03	1/2	805.58	1/2	608.14	1/2	410.70	1/2	221.46	1/2	26.38	1/2	1/2		1/2		1/2
3/4	1,196.36	3/4	998.91	3/4	801.47	3/4	604.03	3/4	406.58	3/4	217.53	3/4	23.04	3/4	3/4		3/4		3/4
4	1,192.24	4	994.80	4	797.36	4	599.91	4	402.47	4	213.60	4	19.70	4	4		4		4
1/4	1,188.13	1/4	990.69	1/4	793.24	1/4	595.80	1/4	398.36	1/4	209.68	1/4	16.35	1/4	1/4		1/4		1/4
1/2	1,184.02	1/2	986.57	1/2	789.13	1/2	591.69	1/2	394.29	1/2	205.69	1/2	14.04	1/2	1/2		1/2		1/2
3/4	1,179.90	3/4	982.46	3/4	785.02	3/4	587.57	3/4	390.21	3/4	201.70	3/4	11.73	3/4	3/4		3/4		3/4
5	1,175.79	5	978.35	5	780.90	5	583.46	5	386.14	5	197.72	5	9.41	5	5		5		5
1/4	1,171.68	1/4	974.23	1/4	776.79	1/4	579.35	1/4	382.07	1/4	193.73	1/4	7.10	1/4	1/4		1/4		1/4
1/2	1,167.56	1/2	970.12	1/2	772.68	1/2	575.23	1/2	378.13	1/2	189.62	1/2		1/2	1/2		1/2		1/2
3/4	1,163.45	3/4	966.01	3/4	768.56	3/4	571.12	3/4	374.20	3/4	185.51	3/4		3/4	3/4		3/4		3/4
6	1,159.34	6	961.89	6	764.45	6	567.01	6	370.26	6	181.39	6		6	6		6		6
1/4	1,155.22	1/4	957.78	1/4	760.34	1/4	562.89	1/4	366.32	1/4	177.28	1/4		1/4	1/4		1/4		1/4
1/2	1,151.11	1/2	953.67	1/2	756.22	1/2	558.78	1/2	362.40	1/2	173.17	1/2		1/2	1/2		1/2		1/2
3/4	1,147.00	3/4	949.55	3/4	752.11	3/4	554.67	3/4	358.48	3/4	169.05	3/4		3/4	3/4		3/4		3/4
7	1,142.88	7	945.44	7	748.00	7	550.55	7	354.56	7	164.94	7		7	7		7		7
1/4	1,138.77	1/4	941.33	1/4	743.88	1/4	546.44	1/4	350.64	1/4	160.83	1/4		1/4	1/4		1/4		1/4
1/2	1,134.66	1/2	937.21	1/2	739.77	1/2	542.33	1/2	346.73	1/2	156.71	1/2		1/2	1/2		1/2		1/2
3/4	1,130.54	3/4	933.10	3/4	735.66	3/4	538.21	3/4	342.81	3/4	152.60	3/4		3/4	3/4		3/4		3/4
8	1,126.43	8	928.99	8	731.54	8	534.10	8	338.90	8	148.49	8		8	8		8		8
1/4	1,122.31	1/4	924.87	1/4	727.43	1/4	529.99	1/4	334.98	1/4	144.37	1/4		1/4	1/4		1/4		1/4
1/2	1,118.20	1/2	920.76	1/2	723.32	1/2	525.87	1/2	331.07	1/2	140.26	1/2		1/2	1/2		1/2		1/2
3/4	1,114.09	3/4	916.64	3/4	719.20	3/4	521.76	3/4	327.16	3/4	136.15	3/4		3/4	3/4		3/4		3/4
9	1,109.97	9	912.53	9	715.09	9	517.65	9	323.24	9	132.03	9		9	9		9		9
1/4	1,105.86	1/4	908.42	1/4	710.97	1/4	513.53	1/4	319.33	1/4	127.92	1/4		1/4	1/4		1/4		1/4
1/2	1,101.75	1/2	904.30	1/2	706.86	1/2	509.42	1/2	315.41	1/2	123.81	1/2		1/2	1/2		1/2		1/2
3/4	1,097.63	3/4	900.19	3/4	702.75	3/4	505.30	3/4	311.50	3/4	119.70	3/4		3/4	3/4		3/4		3/4
10	1,093.52	10	896.08	10	698.63	10	501.19	10	307.59	10	115.58	10		10	10		10		10
1/4	1,089.41	1/4	891.96	1/4	694.52	1/4	497.08	1/4	303.67	1/4	111.47	1/4		1/4	1/4		1/4		1/4
1/2	1,085.29	1/2	887.85	1/2	690.41	1/2	492.96	1/2	299.76	1/2	107.36	1/2		1/2	1/2		1/2		1/2
3/4	1,081.18	3/4	883.74	3/4	686.29	3/4	488.85	3/4	295.84	3/4	103.24	3/4		3/4	3/4		3/4		3/4
11	1,077.07	11	879.62	11	682.18	11	484.74	11	291.93	11	99.13	11		11	11		11		11
1/4	1,072.95	1/4	875.51	1/4	678.07	1/4	480.62	1/4	288.02	1/4	95.02	1/4		1/4	1/4		1/4		1/4
1/2	1,068.84	1/2	871.40	1/2	673.95	1/2	476.51	1/2	284.10	1/2	90.90	1/2		1/2	1/2		1/2		1/2
3/4	1,064.73	3/4	867.28	3/4	669.84	3/4	472.40	3/4	280.19	3/4	86.79	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
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ALL PRIOR TO 08/2014

PRECISION MEASUREMENT
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<http://www.pmacorp.net>



BARGE "CTCo 3000"

3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-05 1/2"

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	1,262.44	0	1,064.96	0	867.47	0	669.98	0	472.50	0	280.24	0	86.80	0		0		0	
1/4	1,258.33	1/4	1,060.84	1/4	863.36	1/4	665.87	1/4	468.38	1/4	276.33	1/4	82.69	1/4	1/4		1/4		1/4
1/2	1,254.22	1/2	1,056.73	1/2	859.24	1/2	661.76	1/2	464.27	1/2	272.41	1/2	78.58	1/2	1/2		1/2		1/2
3/4	1,250.10	3/4	1,052.61	3/4	855.13	3/4	657.64	3/4	460.16	3/4	268.50	3/4	74.46	3/4	3/4		3/4		3/4
1	1,245.99	1	1,048.50	1	851.01	1	653.53	1	456.04	1	264.58	1	70.35	1	1		1		1
1/4	1,241.87	1/4	1,044.39	1/4	846.90	1/4	649.41	1/4	451.93	1/4	260.67	1/4	66.23	1/4	1/4		1/4		1/4
1/2	1,237.76	1/2	1,040.27	1/2	842.79	1/2	645.30	1/2	447.81	1/2	256.75	1/2	62.12	1/2	1/2		1/2		1/2
3/4	1,233.64	3/4	1,036.16	3/4	838.67	3/4	641.18	3/4	443.70	3/4	252.84	3/4	58.00	3/4	3/4		3/4		3/4
2	1,229.53	2	1,032.04	2	834.56	2	637.07	2	439.58	2	248.92	2	53.89	2	2		2		2
1/4	1,225.42	1/4	1,027.93	1/4	830.44	1/4	632.96	1/4	435.47	1/4	245.01	1/4	49.78	1/4	1/4		1/4		1/4
1/2	1,221.30	1/2	1,023.81	1/2	826.33	1/2	628.84	1/2	431.36	1/2	241.09	1/2	45.66	1/2	1/2		1/2		1/2
3/4	1,217.19	3/4	1,019.70	3/4	822.21	3/4	624.73	3/4	427.24	3/4	237.18	3/4	41.68	3/4	3/4		3/4		3/4
3	1,213.07	3	1,015.59	3	818.10	3	620.61	3	423.13	3	233.26	3	37.69	3	3		3		3
1/4	1,208.96	1/4	1,011.47	1/4	813.99	1/4	616.50	1/4	419.01	1/4	229.34	1/4	33.71	1/4	1/4		1/4		1/4
1/2	1,204.84	1/2	1,007.36	1/2	809.87	1/2	612.38	1/2	414.90	1/2	225.43	1/2	29.72	1/2	1/2		1/2		1/2
3/4	1,200.73	3/4	1,003.24	3/4	805.76	3/4	608.27	3/4	410.78	3/4	221.50	3/4	26.38	3/4	3/4		3/4		3/4
4	1,196.62	4	999.13	4	801.64	4	604.16	4	406.67	4	217.57	4	23.04	4	4		4		4
1/4	1,192.50	1/4	995.01	1/4	797.53	1/4	600.04	1/4	402.56	1/4	213.64	1/4	19.69	1/4	1/4		1/4		1/4
1/2	1,188.39	1/2	990.90	1/2	793.41	1/2	595.93	1/2	398.44	1/2	209.72	1/2	16.35	1/2	1/2		1/2		1/2
3/4	1,184.27	3/4	986.79	3/4	789.30	3/4	591.81	3/4	394.37	3/4	205.73	3/4	14.04	3/4	3/4		3/4		3/4
5	1,180.16	5	982.67	5	785.19	5	587.70	5	390.30	5	201.74	5	11.72	5	5		5		5
1/4	1,176.04	1/4	978.56	1/4	781.07	1/4	583.58	1/4	386.23	1/4	197.76	1/4	9.41	1/4	1/4		1/4		1/4
1/2	1,171.93	1/2	974.44	1/2	776.96	1/2	579.47	1/2	382.15	1/2	193.77	1/2	7.10	1/2	1/2		1/2		1/2
3/4	1,167.81	3/4	970.33	3/4	772.84	3/4	575.36	3/4	378.21	3/4	189.66	3/4		3/4	3/4		3/4		3/4
6	1,163.70	6	966.21	6	768.73	6	571.24	6	374.28	6	185.54	6		6	6		6		6
1/4	1,159.59	1/4	962.10	1/4	764.61	1/4	567.13	1/4	370.34	1/4	181.43	1/4		1/4	1/4		1/4		1/4
1/2	1,155.47	1/2	957.99	1/2	760.50	1/2	563.01	1/2	366.40	1/2	177.31	1/2		1/2	1/2		1/2		1/2
3/4	1,151.36	3/4	953.87	3/4	756.38	3/4	558.90	3/4	362.48	3/4	173.20	3/4		3/4	3/4		3/4		3/4
7	1,147.24	7	949.76	7	752.27	7	554.78	7	358.56	7	169.09	7		7	7		7		7
1/4	1,143.13	1/4	945.64	1/4	748.16	1/4	550.67	1/4	354.64	1/4	164.97	1/4		1/4	1/4		1/4		1/4
1/2	1,139.01	1/2	941.53	1/2	744.04	1/2	546.56	1/2	350.72	1/2	160.86	1/2		1/2	1/2		1/2		1/2
3/4	1,134.90	3/4	937.41	3/4	739.93	3/4	542.44	3/4	346.80	3/4	156.74	3/4		3/4	3/4		3/4		3/4
8	1,130.79	8	933.30	8	735.81	8	538.33	8	342.89	8	152.63	8		8	8		8		8
1/4	1,126.67	1/4	929.19	1/4	731.70	1/4	534.21	1/4	338.97	1/4	148.51	1/4		1/4	1/4		1/4		1/4
1/2	1,122.56	1/2	925.07	1/2	727.58	1/2	530.10	1/2	335.06	1/2	144.40	1/2		1/2	1/2		1/2		1/2
3/4	1,118.44	3/4	920.96	3/4	723.47	3/4	525.98	3/4	331.14	3/4	140.29	3/4		3/4	3/4		3/4		3/4
9	1,114.33	9	916.84	9	719.36	9	521.87	9	327.23	9	136.17	9		9	9		9		9
1/4	1,110.21	1/4	912.73	1/4	715.24	1/4	517.76	1/4	323.31	1/4	132.06	1/4		1/4	1/4		1/4		1/4
1/2	1,106.10	1/2	908.61	1/2	711.13	1/2	513.64	1/2	319.40	1/2	127.94	1/2		1/2	1/2		1/2		1/2
3/4	1,101.99	3/4	904.50	3/4	707.01	3/4	509.53	3/4	315.48	3/4	123.83	3/4		3/4	3/4		3/4		3/4
10	1,097.87	10	900.39	10	702.90	10	505.41	10	311.57	10	119.72	10		10	10		10		10
1/4	1,093.76	1/4	896.27	1/4	698.78	1/4	501.30	1/4	307.65	1/4	115.60	1/4		1/4	1/4		1/4		1/4
1/2	1,089.64	1/2	892.16	1/2	694.67	1/2	497.18	1/2	303.74	1/2	111.49	1/2		1/2	1/2		1/2		1/2
3/4	1,085.53	3/4	888.04	3/4	690.56	3/4	493.07	3/4	299.82	3/4	107.37	3/4		3/4	3/4		3/4		3/4
11	1,081.41	11	883.93	11	686.44	11	488.96	11	295.91	11	103.26	11		11	11		11		11
1/4	1,077.30	1/4	879.81	1/4	682.33	1/4	484.84	1/4	291.99	1/4	99.15	1/4		1/4	1/4		1/4		1/4
1/2	1,073.19	1/2	875.70	1/2	678.21	1/2	480.73	1/2	288.07	1/2	95.03	1/2		1/2	1/2		1/2		1/2
3/4	1,069.07	3/4	871.59	3/4	674.10	3/4	476.61	3/4	284.16	3/4	90.92	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

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



BARGE "CTCo 3000"

3 STBD ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-05"

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	1,254.10	0	1,056.75	0	859.40	0	662.04	0	464.69	0	272.52	0	78.53	0		0		0	
1/4	1,249.99	1/4	1,052.64	1/4	855.28	1/4	657.93	1/4	460.58	1/4	268.59	1/4	74.42	1/4	1/4	1/4		1/4	
1/2	1,245.88	1/2	1,048.52	1/2	851.17	1/2	653.82	1/2	456.47	1/2	264.66	1/2	70.31	1/2	1/2	1/2		1/2	
3/4	1,241.77	3/4	1,044.41	3/4	847.06	3/4	649.71	3/4	452.36	3/4	260.73	3/4	66.20	3/4	3/4	3/4		3/4	
1	1,237.65	1	1,040.30	1	842.95	1	645.60	1	448.25	1	256.80	1	62.08	1	1	1		1	
1/4	1,233.54	1/4	1,036.19	1/4	838.84	1/4	641.49	1/4	444.13	1/4	252.87	1/4	57.97	1/4	1/4	1/4		1/4	
1/2	1,229.43	1/2	1,032.08	1/2	834.73	1/2	637.37	1/2	440.02	1/2	248.94	1/2	53.86	1/2	1/2	1/2		1/2	
3/4	1,225.32	3/4	1,027.97	3/4	830.62	3/4	633.26	3/4	435.91	3/4	245.01	3/4	49.75	3/4	3/4	3/4		3/4	
2	1,221.21	2	1,023.86	2	826.50	2	629.15	2	431.80	2	241.08	2	45.64	2	2	2		2	
1/4	1,217.10	1/4	1,019.74	1/4	822.39	1/4	625.04	1/4	427.69	1/4	237.15	1/4	41.66	1/4	1/4	1/4		1/4	
1/2	1,212.98	1/2	1,015.63	1/2	818.28	1/2	620.93	1/2	423.58	1/2	233.21	1/2	37.67	1/2	1/2	1/2		1/2	
3/4	1,208.87	3/4	1,011.52	3/4	814.17	3/4	616.82	3/4	419.47	3/4	229.28	3/4	33.69	3/4	3/4	3/4		3/4	
3	1,204.76	3	1,007.41	3	810.06	3	612.71	3	415.35	3	225.35	3	29.71	3	3	3		3	
1/4	1,200.65	1/4	1,003.30	1/4	805.95	1/4	608.59	1/4	411.24	1/4	221.41	1/4	26.37	1/4	1/4	1/4		1/4	
1/2	1,196.54	1/2	999.19	1/2	801.83	1/2	604.48	1/2	407.13	1/2	217.46	1/2	23.03	1/2	1/2	1/2		1/2	
3/4	1,192.43	3/4	995.08	3/4	797.72	3/4	600.37	3/4	403.02	3/4	213.52	3/4	19.69	3/4	3/4	3/4		3/4	
4	1,188.32	4	990.96	4	793.61	4	598.26	4	398.91	4	209.58	4	16.35	4	4	4		4	
1/4	1,184.20	1/4	986.85	1/4	789.50	1/4	592.15	1/4	394.84	1/4	205.60	1/4	14.03	1/4	1/4	1/4		1/4	
1/2	1,180.09	1/2	982.74	1/2	785.39	1/2	588.04	1/2	390.77	1/2	201.61	1/2	11.72	1/2	1/2	1/2		1/2	
3/4	1,175.98	3/4	978.63	3/4	781.28	3/4	583.93	3/4	386.70	3/4	197.63	3/4	9.41	3/4	3/4	3/4		3/4	
5	1,171.87	5	974.52	5	777.17	5	579.81	5	382.63	5	193.65	5	7.09	5	5	5		5	
1/4	1,167.76	1/4	970.41	1/4	773.05	1/4	575.70	1/4	378.69	1/4	189.53	1/4		1/4	1/4	1/4		1/4	
1/2	1,163.65	1/2	966.29	1/2	768.94	1/2	571.59	1/2	374.75	1/2	185.42	1/2		1/2	1/2	1/2		1/2	
3/4	1,159.54	3/4	962.18	3/4	764.83	3/4	567.48	3/4	370.81	3/4	181.31	3/4		3/4	3/4	3/4		3/4	
6	1,155.42	6	958.07	6	760.72	6	563.37	6	366.86	6	177.20	6		6	6	6		6	
1/4	1,151.31	1/4	953.96	1/4	756.61	1/4	559.26	1/4	362.92	1/4	173.09	1/4		1/4	1/4	1/4		1/4	
1/2	1,147.20	1/2	949.85	1/2	752.50	1/2	555.14	1/2	358.99	1/2	168.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,143.09	3/4	945.74	3/4	748.39	3/4	551.03	3/4	355.05	3/4	164.87	3/4		3/4	3/4	3/4		3/4	
7	1,138.98	7	941.63	7	744.27	7	546.92	7	351.11	7	160.76	7		7	7	7		7	
1/4	1,134.87	1/4	937.51	1/4	740.16	1/4	542.81	1/4	347.18	1/4	156.64	1/4		1/4	1/4	1/4		1/4	
1/2	1,130.75	1/2	933.40	1/2	736.05	1/2	538.70	1/2	343.25	1/2	152.53	1/2		1/2	1/2	1/2		1/2	
3/4	1,126.64	3/4	929.29	3/4	731.94	3/4	534.59	3/4	339.32	3/4	148.42	3/4		3/4	3/4	3/4		3/4	
8	1,122.53	8	925.18	8	727.83	8	530.48	8	335.39	8	144.31	8		8	8	8		8	
1/4	1,118.42	1/4	921.07	1/4	723.72	1/4	526.36	1/4	331.46	1/4	140.20	1/4		1/4	1/4	1/4		1/4	
1/2	1,114.31	1/2	916.96	1/2	719.60	1/2	522.25	1/2	327.53	1/2	136.09	1/2		1/2	1/2	1/2		1/2	
3/4	1,110.20	3/4	912.85	3/4	715.49	3/4	518.14	3/4	323.60	3/4	131.98	3/4		3/4	3/4	3/4		3/4	
9	1,106.09	9	908.73	9	711.38	9	514.03	9	319.67	9	127.86	9		9	9	9		9	
1/4	1,101.97	1/4	904.62	1/4	707.27	1/4	509.92	1/4	315.74	1/4	123.75	1/4		1/4	1/4	1/4		1/4	
1/2	1,097.86	1/2	900.51	1/2	703.16	1/2	505.81	1/2	311.81	1/2	119.64	1/2		1/2	1/2	1/2		1/2	
3/4	1,093.75	3/4	896.40	3/4	699.05	3/4	501.70	3/4	307.88	3/4	115.53	3/4		3/4	3/4	3/4		3/4	
10	1,089.64	10	892.29	10	694.94	10	497.58	10	303.95	10	111.42	10		10	10	10		10	
1/4	1,085.53	1/4	888.18	1/4	690.82	1/4	493.47	1/4	300.02	1/4	107.31	1/4		1/4	1/4	1/4		1/4	
1/2	1,081.42	1/2	884.06	1/2	686.71	1/2	489.36	1/2	296.09	1/2	103.20	1/2		1/2	1/2	1/2		1/2	
3/4	1,077.31	3/4	879.95	3/4	682.60	3/4	485.25	3/4	292.16	3/4	99.09	3/4		3/4	3/4	3/4		3/4	
11	1,073.19	11	875.84	11	678.49	11	481.14	11	288.23	11	94.97	11		11	11	11		11	
1/4	1,069.08	1/4	871.73	1/4	674.38	1/4	477.03	1/4	284.30	1/4	90.86	1/4		1/4	1/4	1/4		1/4	
1/2	1,064.97	1/2	867.62	1/2	670.27	1/2	472.91	1/2	280.37	1/2	86.75	1/2		1/2	1/2	1/2		1/2	
3/4	1,060.86	3/4	863.51	3/4	666.16	3/4	468.80	3/4	276.45	3/4	82.64	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

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



BARGE "CTCo 3000"

4 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-05 1/2"

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	1,263.74	0	1,066.17	0	868.59	0	671.02	0	473.45	0	280.69	0	86.84	0		0		0	
1/4	1,259.62	1/4	1,062.05	1/4	864.48	1/4	666.90	1/4	469.33	1/4	276.75	1/4	82.73	1/4	1/4		1/4		1/4
1/2	1,255.51	1/2	1,057.93	1/2	860.36	1/2	662.79	1/2	465.21	1/2	272.62	1/2	78.61	1/2	1/2		1/2		1/2
3/4	1,251.39	3/4	1,053.82	3/4	856.24	3/4	658.67	3/4	461.10	3/4	268.50	3/4	74.49	3/4	3/4		3/4		3/4
1	1,247.27	1	1,049.70	1	852.13	1	654.56	1	456.98	1	264.39	1	70.38	1	1		1		1
1/4	1,243.16	1/4	1,045.58	1/4	848.01	1/4	650.44	1/4	452.87	1/4	261.02	1/4	66.26	1/4	1/4		1/4		1/4
1/2	1,239.04	1/2	1,041.47	1/2	843.90	1/2	646.32	1/2	448.75	1/2	257.08	1/2	62.15	1/2	1/2		1/2		1/2
3/4	1,234.93	3/4	1,037.35	3/4	839.78	3/4	642.21	3/4	444.63	3/4	253.15	3/4	58.03	3/4	3/4		3/4		3/4
2	1,230.81	2	1,033.24	2	835.66	2	638.09	2	440.52	2	249.21	2	53.92	2	2		2		2
1/4	1,226.69	1/4	1,029.12	1/4	831.55	1/4	633.97	1/4	436.40	1/4	245.28	1/4	49.80	1/4	1/4		1/4		1/4
1/2	1,222.58	1/2	1,025.00	1/2	827.43	1/2	629.86	1/2	432.29	1/2	241.34	1/2	45.68	1/2	1/2		1/2		1/2
3/4	1,218.46	3/4	1,020.89	3/4	823.32	3/4	625.74	3/4	428.17	3/4	237.41	3/4	41.70	3/4	3/4		3/4		3/4
3	1,214.34	3	1,016.77	3	819.20	3	621.63	3	424.05	3	233.27	3	37.71	3	3		3		3
1/4	1,210.23	1/4	1,012.66	1/4	815.08	1/4	617.51	1/4	419.94	1/4	229.53	1/4	33.72	1/4	1/4		1/4		1/4
1/2	1,206.11	1/2	1,008.54	1/2	810.97	1/2	613.39	1/2	415.82	1/2	225.59	1/2	29.73	1/2	1/2		1/2		1/2
3/4	1,202.00	3/4	1,004.42	3/4	806.85	3/4	609.28	3/4	411.71	3/4	221.65	3/4	26.39	3/4	3/4		3/4		3/4
4	1,197.88	4	1,000.31	4	802.73	4	605.16	4	407.59	4	217.70	4	23.05	4	4		4		4
1/4	1,193.76	1/4	996.19	1/4	798.62	1/4	601.05	1/4	403.47	1/4	213.76	1/4	19.70	1/4	1/4		1/4		1/4
1/2	1,189.65	1/2	992.08	1/2	794.50	1/2	596.93	1/2	399.36	1/2	209.81	1/2	16.36	1/2	1/2		1/2		1/2
3/4	1,185.53	3/4	987.96	3/4	790.39	3/4	592.81	3/4	395.28	3/4	205.82	3/4	14.04	3/4	3/4		3/4		3/4
5	1,181.42	5	983.84	5	786.27	5	588.70	5	391.21	5	201.83	5	11.73	5	5		5		5
1/4	1,177.30	1/4	979.73	1/4	782.15	1/4	584.58	1/4	387.14	1/4	197.84	1/4	9.41	1/4	1/4		1/4		1/4
1/2	1,173.18	1/2	975.61	1/2	778.04	1/2	580.47	1/2	383.06	1/2	193.86	1/2	7.10	1/2	1/2		1/2		1/2
3/4	1,169.07	3/4	971.49	3/4	773.92	3/4	576.35	3/4	379.12	3/4	189.74	3/4		3/4	3/4		3/4		3/4
6	1,164.95	6	967.38	6	769.81	6	572.23	6	375.17	6	185.62	6		6	6		6		6
1/4	1,160.84	1/4	963.26	1/4	765.69	1/4	568.12	1/4	371.22	1/4	181.51	1/4		1/4	1/4		1/4		1/4
1/2	1,156.72	1/2	959.15	1/2	761.57	1/2	564.00	1/2	367.28	1/2	177.39	1/2		1/2	1/2		1/2		1/2
3/4	1,152.60	3/4	955.03	3/4	757.46	3/4	559.88	3/4	363.33	3/4	173.28	3/4		3/4	3/4		3/4		3/4
7	1,148.49	7	950.91	7	753.34	7	555.77	7	359.39	7	169.16	7		7	7		7		7
1/4	1,144.37	1/4	946.80	1/4	749.23	1/4	551.65	1/4	355.45	1/4	165.04	1/4		1/4	1/4		1/4		1/4
1/2	1,140.25	1/2	942.68	1/2	745.11	1/2	547.54	1/2	351.50	1/2	160.93	1/2		1/2	1/2		1/2		1/2
3/4	1,136.14	3/4	938.57	3/4	740.99	3/4	543.42	3/4	347.57	3/4	156.81	3/4		3/4	3/4		3/4		3/4
8	1,132.02	8	934.45	8	736.88	8	539.30	8	343.64	8	152.70	8		8	8		8		8
1/4	1,127.91	1/4	930.33	1/4	732.76	1/4	535.19	1/4	339.70	1/4	148.58	1/4		1/4	1/4		1/4		1/4
1/2	1,123.79	1/2	926.22	1/2	728.64	1/2	531.07	1/2	335.77	1/2	144.46	1/2		1/2	1/2		1/2		1/2
3/4	1,119.67	3/4	922.10	3/4	724.53	3/4	526.96	3/4	331.83	3/4	140.35	3/4		3/4	3/4		3/4		3/4
9	1,115.56	9	917.99	9	720.41	9	522.84	9	327.90	9	136.23	9		9	9		9		9
1/4	1,111.44	1/4	913.87	1/4	716.30	1/4	518.72	1/4	323.96	1/4	132.12	1/4		1/4	1/4		1/4		1/4
1/2	1,107.33	1/2	909.75	1/2	712.18	1/2	514.61	1/2	320.03	1/2	128.00	1/2		1/2	1/2		1/2		1/2
3/4	1,103.21	3/4	905.64	3/4	708.06	3/4	510.49	3/4	316.10	3/4	123.89	3/4		3/4	3/4		3/4		3/4
10	1,099.09	10	901.52	10	703.95	10	506.38	10	312.16	10	119.77	10		10	10		10		10
1/4	1,094.98	1/4	897.40	1/4	699.83	1/4	502.26	1/4	308.23	1/4	115.65	1/4		1/4	1/4		1/4		1/4
1/2	1,090.86	1/2	893.29	1/2	695.72	1/2	498.14	1/2	304.29	1/2	111.54	1/2		1/2	1/2		1/2		1/2
3/4	1,086.75	3/4	889.17	3/4	691.60	3/4	494.03	3/4	300.36	3/4	107.42	3/4		3/4	3/4		3/4		3/4
11	1,082.63	11	885.06	11	687.48	11	489.91	11	296.42	11	103.31	11		11	11		11		11
1/4	1,078.51	1/4	880.94	1/4	683.37	1/4	485.79	1/4	292.49	1/4	99.19	1/4		1/4	1/4		1/4		1/4
1/2	1,074.40	1/2	876.82	1/2	679.25	1/2	481.68	1/2	288.56	1/2	95.07	1/2		1/2	1/2		1/2		1/2
3/4	1,070.28	3/4	872.71	3/4	675.14	3/4	477.56	3/4	284.62	3/4	90.96	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

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



BARGE "CTCo 3000"

4 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,258.06	0	1,060.61	0	863.17	0	665.73	0	468.28	0	276.27	0	82.68	0		0		0	
1/4	1,253.94	1/4	1,056.50	1/4	859.06	1/4	661.61	1/4	464.17	1/4	272.36	1/4	78.56	1/4	1/4		1/4		1/4
1/2	1,249.83	1/2	1,052.39	1/2	854.94	1/2	657.50	1/2	460.06	1/2	268.45	1/2	74.45	1/2	1/2		1/2		1/2
3/4	1,245.72	3/4	1,048.27	3/4	850.83	3/4	653.39	3/4	455.94	3/4	264.53	3/4	70.34	3/4	3/4		3/4		3/4
1	1,241.60	1	1,044.16	1	846.72	1	649.27	1	451.83	1	260.62	1	66.23	1	1		1		1
1/4	1,237.49	1/4	1,040.05	1/4	842.60	1/4	645.16	1/4	447.72	1/4	256.70	1/4	62.11	1/4	1/4		1/4		1/4
1/2	1,233.38	1/2	1,035.93	1/2	838.49	1/2	641.05	1/2	443.60	1/2	252.79	1/2	58.00	1/2	1/2		1/2		1/2
3/4	1,229.26	3/4	1,031.82	3/4	834.38	3/4	636.93	3/4	439.49	3/4	248.87	3/4	53.89	3/4	3/4		3/4		3/4
2	1,225.15	2	1,027.71	2	830.26	2	632.82	2	435.38	2	244.96	2	49.77	2	2		2		2
1/4	1,221.04	1/4	1,023.59	1/4	826.15	1/4	628.71	1/4	431.26	1/4	241.05	1/4	45.66	1/4	1/4		1/4		1/4
1/2	1,216.92	1/2	1,019.48	1/2	822.04	1/2	624.59	1/2	427.15	1/2	237.13	1/2	41.68	1/2	1/2		1/2		1/2
3/4	1,212.81	3/4	1,015.37	3/4	817.92	3/4	620.48	3/4	423.04	3/4	233.21	3/4	37.69	3/4	3/4		3/4		3/4
3	1,208.70	3	1,011.25	3	813.81	3	616.37	3	418.92	3	229.30	3	33.71	3	3		3		3
1/4	1,204.58	1/4	1,007.14	1/4	809.70	1/4	612.25	1/4	414.81	1/4	225.38	1/4	29.72	1/4	1/4		1/4		1/4
1/2	1,200.47	1/2	1,003.03	1/2	805.58	1/2	608.14	1/2	410.70	1/2	221.46	1/2	26.38	1/2	1/2		1/2		1/2
3/4	1,196.36	3/4	998.91	3/4	801.47	3/4	604.03	3/4	406.58	3/4	217.53	3/4	23.04	3/4	3/4		3/4		3/4
4	1,192.24	4	994.80	4	797.36	4	599.91	4	402.47	4	213.60	4	19.70	4	4		4		4
1/4	1,188.13	1/4	990.69	1/4	793.24	1/4	595.80	1/4	398.36	1/4	209.68	1/4	16.35	1/4	1/4		1/4		1/4
1/2	1,184.02	1/2	986.57	1/2	789.13	1/2	591.69	1/2	394.29	1/2	205.69	1/2	14.04	1/2	1/2		1/2		1/2
3/4	1,179.90	3/4	982.46	3/4	785.02	3/4	587.57	3/4	390.21	3/4	201.70	3/4	11.73	3/4	3/4		3/4		3/4
5	1,175.79	5	978.35	5	780.90	5	583.46	5	386.14	5	197.72	5	9.41	5	5		5		5
1/4	1,171.68	1/4	974.23	1/4	776.79	1/4	579.35	1/4	382.07	1/4	193.73	1/4	7.10	1/4	1/4		1/4		1/4
1/2	1,167.56	1/2	970.12	1/2	772.68	1/2	575.23	1/2	378.13	1/2	189.62	1/2		1/2	1/2		1/2		1/2
3/4	1,163.45	3/4	966.01	3/4	768.56	3/4	571.12	3/4	374.20	3/4	185.51	3/4		3/4	3/4		3/4		3/4
6	1,159.34	6	961.89	6	764.45	6	567.01	6	370.26	6	181.39	6		6	6		6		6
1/4	1,155.22	1/4	957.78	1/4	760.34	1/4	562.89	1/4	366.32	1/4	177.28	1/4		1/4	1/4		1/4		1/4
1/2	1,151.11	1/2	953.67	1/2	756.22	1/2	558.78	1/2	362.40	1/2	173.17	1/2		1/2	1/2		1/2		1/2
3/4	1,147.00	3/4	949.55	3/4	752.11	3/4	554.67	3/4	358.48	3/4	169.05	3/4		3/4	3/4		3/4		3/4
7	1,142.88	7	945.44	7	748.00	7	550.55	7	354.56	7	164.94	7		7	7		7		7
1/4	1,138.77	1/4	941.33	1/4	743.88	1/4	546.44	1/4	350.64	1/4	160.83	1/4		1/4	1/4		1/4		1/4
1/2	1,134.66	1/2	937.21	1/2	739.77	1/2	542.33	1/2	346.73	1/2	156.71	1/2		1/2	1/2		1/2		1/2
3/4	1,130.54	3/4	933.10	3/4	735.66	3/4	538.21	3/4	342.81	3/4	152.60	3/4		3/4	3/4		3/4		3/4
8	1,126.43	8	928.99	8	731.54	8	534.10	8	338.90	8	148.49	8		8	8		8		8
1/4	1,122.31	1/4	924.87	1/4	727.43	1/4	529.99	1/4	334.98	1/4	144.37	1/4		1/4	1/4		1/4		1/4
1/2	1,118.20	1/2	920.76	1/2	723.32	1/2	525.87	1/2	331.07	1/2	140.26	1/2		1/2	1/2		1/2		1/2
3/4	1,114.09	3/4	916.64	3/4	719.20	3/4	521.76	3/4	327.16	3/4	136.15	3/4		3/4	3/4		3/4		3/4
9	1,109.97	9	912.53	9	715.09	9	517.65	9	323.24	9	132.03	9		9	9		9		9
1/4	1,105.86	1/4	908.42	1/4	710.97	1/4	513.53	1/4	319.33	1/4	127.92	1/4		1/4	1/4		1/4		1/4
1/2	1,101.75	1/2	904.30	1/2	706.86	1/2	509.42	1/2	315.41	1/2	123.81	1/2		1/2	1/2		1/2		1/2
3/4	1,097.63	3/4	900.19	3/4	702.75	3/4	505.30	3/4	311.50	3/4	119.70	3/4		3/4	3/4		3/4		3/4
10	1,093.52	10	896.08	10	698.63	10	501.19	10	307.59	10	115.58	10		10	10		10		10
1/4	1,089.41	1/4	891.96	1/4	694.52	1/4	497.08	1/4	303.67	1/4	111.47	1/4		1/4	1/4		1/4		1/4
1/2	1,085.29	1/2	887.85	1/2	690.41	1/2	492.96	1/2	299.76	1/2	107.36	1/2		1/2	1/2		1/2		1/2
3/4	1,081.18	3/4	883.74	3/4	686.29	3/4	488.85	3/4	295.84	3/4	103.24	3/4		3/4	3/4		3/4		3/4
11	1,077.07	11	879.62	11	682.18	11	484.74	11	291.93	11	99.13	11		11	11		11		11
1/4	1,072.95	1/4	875.51	1/4	678.07	1/4	480.62	1/4	288.02	1/4	95.02	1/4		1/4	1/4		1/4		1/4
1/2	1,068.84	1/2	871.40	1/2	673.95	1/2	476.51	1/2	284.10	1/2	90.90	1/2		1/2	1/2		1/2		1/2
3/4	1,064.73	3/4	867.28	3/4	669.84	3/4	472.40	3/4	280.19	3/4	86.79	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014

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



BARGE "CTCo 3000"

5 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,258.16	0	1,061.35	0	865.92	0	669.43	0	472.62	0	280.10	0	86.79	0		0		0	
1/4	1,254.06	1/4	1,057.25	1/4	861.85	1/4	665.33	1/4	468.52	1/4	276.18	1/4	82.68	1/4	1/4		1/4		1/4
1/2	1,249.96	1/2	1,053.15	1/2	857.79	1/2	661.23	1/2	464.42	1/2	272.25	1/2	78.58	1/2	1/2		1/2		1/2
3/4	1,245.86	3/4	1,049.05	3/4	853.72	3/4	657.13	3/4	460.32	3/4	268.33	3/4	74.47	3/4	3/4		3/4		3/4
1	1,241.76	1	1,044.95	1	849.66	1	653.03	1	456.22	1	264.40	1	70.35	1	1		1		1
1/4	1,237.66	1/4	1,040.85	1/4	845.59	1/4	648.93	1/4	452.12	1/4	260.48	1/4	66.24	1/4	1/4		1/4		1/4
1/2	1,233.56	1/2	1,036.75	1/2	841.53	1/2	644.83	1/2	448.02	1/2	256.56	1/2	62.12	1/2	1/2		1/2		1/2
3/4	1,229.46	3/4	1,032.65	3/4	837.46	3/4	640.73	3/4	443.92	3/4	252.63	3/4	58.01	3/4	3/4		3/4		3/4
2	1,225.36	2	1,028.56	2	833.38	2	636.63	2	439.82	2	248.71	2	53.89	2	2		2		2
1/4	1,221.25	1/4	1,024.47	1/4	829.31	1/4	632.53	1/4	435.72	1/4	244.79	1/4	49.78	1/4	1/4		1/4		1/4
1/2	1,217.15	1/2	1,020.38	1/2	825.24	1/2	628.43	1/2	431.62	1/2	240.86	1/2	45.67	1/2	1/2		1/2		1/2
3/4	1,213.05	3/4	1,016.32	3/4	821.14	3/4	624.33	3/4	427.52	3/4	236.94	3/4	41.68	3/4	3/4		3/4		3/4
3	1,208.95	3	1,012.25	3	817.04	3	620.23	3	423.42	3	233.01	3	37.70	3	3		3		3
1/4	1,204.85	1/4	1,008.19	1/4	812.94	1/4	616.13	1/4	419.32	1/4	229.09	1/4	33.71	1/4	1/4		1/4		1/4
1/2	1,200.75	1/2	1,004.12	1/2	808.84	1/2	612.03	1/2	415.22	1/2	225.16	1/2	29.72	1/2	1/2		1/2		1/2
3/4	1,196.65	3/4	1,000.06	3/4	804.74	3/4	607.93	3/4	411.12	3/4	221.22	3/4	26.38	3/4	3/4		3/4		3/4
4	1,192.55	4	995.99	4	800.64	4	603.83	4	407.02	4	217.29	4	23.04	4	4		4		4
1/4	1,188.45	1/4	991.93	1/4	796.54	1/4	599.73	1/4	402.92	1/4	213.35	1/4	19.70	1/4	1/4		1/4		1/4
1/2	1,184.35	1/2	987.86	1/2	792.44	1/2	595.63	1/2	398.82	1/2	209.42	1/2	16.35	1/2	1/2		1/2		1/2
3/4	1,180.25	3/4	983.80	3/4	788.34	3/4	591.53	3/4	394.75	3/4	205.43	3/4	14.04	3/4	3/4		3/4		3/4
5	1,176.15	5	979.73	5	784.24	5	587.43	5	390.67	5	201.44	5	11.73	5	5		5		5
1/4	1,172.05	1/4	975.67	1/4	780.14	1/4	583.33	1/4	386.60	1/4	197.45	1/4	9.41	1/4	1/4		1/4		1/4
1/2	1,167.95	1/2	971.60	1/2	776.04	1/2	579.23	1/2	382.53	1/2	193.46	1/2	7.10	1/2	1/2		1/2		1/2
3/4	1,163.85	3/4	967.54	3/4	771.93	3/4	575.13	3/4	378.55	3/4	189.35	3/4		3/4	3/4		3/4		3/4
6	1,159.75	6	963.47	6	767.83	6	571.03	6	374.57	6	185.25	6		6	6		6		6
1/4	1,155.65	1/4	959.41	1/4	763.73	1/4	566.92	1/4	370.58	1/4	181.15	1/4		1/4	1/4		1/4		1/4
1/2	1,151.55	1/2	955.34	1/2	759.63	1/2	562.82	1/2	366.60	1/2	177.05	1/2		1/2	1/2		1/2		1/2
3/4	1,147.45	3/4	951.28	3/4	755.53	3/4	558.72	3/4	362.63	3/4	172.94	3/4		3/4	3/4		3/4		3/4
7	1,143.35	7	947.21	7	751.43	7	554.62	7	358.66	7	168.84	7		7	7		7		7
1/4	1,139.25	1/4	943.15	1/4	747.33	1/4	550.52	1/4	354.69	1/4	164.74	1/4		1/4	1/4		1/4		1/4
1/2	1,135.15	1/2	939.08	1/2	743.23	1/2	546.42	1/2	350.73	1/2	160.64	1/2		1/2	1/2		1/2		1/2
3/4	1,131.05	3/4	935.02	3/4	739.13	3/4	542.32	3/4	346.80	3/4	156.53	3/4		3/4	3/4		3/4		3/4
8	1,126.95	8	930.95	8	735.03	8	538.22	8	342.88	8	152.43	8		8	8		8		8
1/4	1,122.85	1/4	926.89	1/4	730.93	1/4	534.12	1/4	338.95	1/4	148.33	1/4		1/4	1/4		1/4		1/4
1/2	1,118.75	1/2	922.83	1/2	726.83	1/2	530.02	1/2	335.03	1/2	144.23	1/2		1/2	1/2		1/2		1/2
3/4	1,114.65	3/4	918.76	3/4	722.73	3/4	525.92	3/4	331.11	3/4	140.13	3/4		3/4	3/4		3/4		3/4
9	1,110.55	9	914.70	9	718.63	9	521.82	9	327.18	9	136.02	9		9	9		9		9
1/4	1,106.45	1/4	910.63	1/4	714.53	1/4	517.72	1/4	323.26	1/4	131.92	1/4		1/4	1/4		1/4		1/4
1/2	1,102.35	1/2	906.57	1/2	710.43	1/2	513.62	1/2	319.34	1/2	127.82	1/2		1/2	1/2		1/2		1/2
3/4	1,098.25	3/4	902.50	3/4	706.33	3/4	509.52	3/4	315.41	3/4	123.72	3/4		3/4	3/4		3/4		3/4
10	1,094.15	10	898.44	10	702.23	10	505.42	10	311.49	10	119.61	10		10	10		10		10
1/4	1,090.05	1/4	894.37	1/4	698.13	1/4	501.32	1/4	307.57	1/4	115.51	1/4		1/4	1/4		1/4		1/4
1/2	1,085.95	1/2	890.31	1/2	694.03	1/2	497.22	1/2	303.64	1/2	111.41	1/2		1/2	1/2		1/2		1/2
3/4	1,081.85	3/4	886.24	3/4	689.93	3/4	493.12	3/4	299.72	3/4	107.31	3/4		3/4	3/4		3/4		3/4
11	1,077.75	11	882.18	11	685.83	11	489.02	11	295.79	11	103.20	11		11	11		11		11
1/4	1,073.65	1/4	878.11	1/4	681.73	1/4	484.92	1/4	291.87	1/4	99.10	1/4		1/4	1/4		1/4		1/4
1/2	1,069.55	1/2	874.05	1/2	677.63	1/2	480.82	1/2	287.95	1/2	95.00	1/2		1/2	1/2		1/2		1/2
3/4	1,065.45	3/4	869.98	3/4	673.53	3/4	476.72	3/4	284.02	3/4	90.89	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/18/2014 CL
CALCULATED: 08/19/2014 CL
PRINTED: 08/20/2014 SW

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2014



BARGE "CTCo 3000"

5 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,254.98	0	1,058.12	0	862.69	0	666.12	0	469.27	0	276.53	0	82.70	0		0		0	
1/4	1,250.88	1/4	1,054.02	1/4	858.62	1/4	662.02	1/4	465.17	1/4	272.59	1/4	78.59	1/4	1/4	1/4		1/4	
1/2	1,246.77	1/2	1,049.92	1/2	854.56	1/2	657.92	1/2	461.07	1/2	268.65	1/2	74.48	1/2	1/2	1/2		1/2	
3/4	1,242.67	3/4	1,045.82	3/4	850.49	3/4	653.82	3/4	456.96	3/4	264.71	3/4	70.36	3/4	3/4	3/4		3/4	
1	1,238.57	1	1,041.72	1	846.42	1	649.72	1	452.86	1	260.76	1	66.25	1	1	1		1	
1/4	1,234.47	1/4	1,037.62	1/4	842.36	1/4	645.61	1/4	448.76	1/4	256.82	1/4	62.13	1/4	1/4	1/4		1/4	
1/2	1,230.37	1/2	1,033.53	1/2	838.28	1/2	641.51	1/2	444.66	1/2	252.88	1/2	58.02	1/2	1/2	1/2		1/2	
3/4	1,226.27	3/4	1,029.43	3/4	834.21	3/4	637.41	3/4	440.56	3/4	248.94	3/4	53.90	3/4	3/4	3/4		3/4	
2	1,222.17	2	1,025.34	2	830.14	2	633.31	2	436.46	2	245.00	2	49.79	2	2	2		2	
1/4	1,218.07	1/4	1,021.25	1/4	826.06	1/4	629.21	1/4	432.36	1/4	241.06	1/4	45.67	1/4	1/4	1/4		1/4	
1/2	1,213.97	1/2	1,017.18	1/2	821.96	1/2	625.11	1/2	428.26	1/2	237.11	1/2	41.69	1/2	1/2	1/2		1/2	
3/4	1,209.86	3/4	1,013.12	3/4	817.86	3/4	621.01	3/4	424.16	3/4	233.17	3/4	37.70	3/4	3/4	3/4		3/4	
3	1,205.76	3	1,009.05	3	813.76	3	616.91	3	420.05	3	229.22	3	33.72	3	3	3		3	
1/4	1,201.66	1/4	1,004.99	1/4	809.66	1/4	612.81	1/4	415.95	1/4	225.28	1/4	29.73	1/4	1/4	1/4		1/4	
1/2	1,197.56	1/2	1,000.92	1/2	805.56	1/2	608.70	1/2	411.85	1/2	221.32	1/2	26.39	1/2	1/2	1/2		1/2	
3/4	1,193.46	3/4	996.85	3/4	801.46	3/4	604.60	3/4	407.75	3/4	217.37	3/4	23.04	3/4	3/4	3/4		3/4	
4	1,189.36	4	992.79	4	797.36	4	600.50	4	403.65	4	213.41	4	19.70	4	4	4		4	
1/4	1,185.26	1/4	988.72	1/4	793.25	1/4	596.40	1/4	399.55	1/4	209.46	1/4	16.36	1/4	1/4	1/4		1/4	
1/2	1,181.16	1/2	984.66	1/2	789.15	1/2	592.30	1/2	395.48	1/2	205.47	1/2	14.04	1/2	1/2	1/2		1/2	
3/4	1,177.06	3/4	980.59	3/4	785.05	3/4	588.20	3/4	391.40	3/4	201.48	3/4	11.73	3/4	3/4	3/4		3/4	
5	1,172.95	5	976.53	5	780.95	5	584.10	5	387.33	5	197.49	5	9.41	5	5	5		5	
1/4	1,168.85	1/4	972.46	1/4	776.85	1/4	580.00	1/4	383.26	1/4	193.50	1/4	7.10	1/4	1/4	1/4		1/4	
1/2	1,164.75	1/2	968.40	1/2	772.75	1/2	575.90	1/2	379.28	1/2	189.39	1/2		1/2	1/2	1/2		1/2	
3/4	1,160.65	3/4	964.33	3/4	768.65	3/4	571.79	3/4	375.29	3/4	185.29	3/4		3/4	3/4	3/4		3/4	
6	1,156.55	6	960.26	6	764.55	6	567.69	6	371.31	6	181.19	6		6	6	6		6	
1/4	1,152.45	1/4	956.20	1/4	760.45	1/4	563.59	1/4	367.32	1/4	177.08	1/4		1/4	1/4	1/4		1/4	
1/2	1,148.35	1/2	952.13	1/2	756.34	1/2	559.49	1/2	363.35	1/2	172.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,144.25	3/4	948.07	3/4	752.24	3/4	555.39	3/4	359.38	3/4	168.88	3/4		3/4	3/4	3/4		3/4	
7	1,140.15	7	944.00	7	748.14	7	551.29	7	355.40	7	164.77	7		7	7	7		7	
1/4	1,136.04	1/4	939.94	1/4	744.04	1/4	547.19	1/4	351.43	1/4	160.67	1/4		1/4	1/4	1/4		1/4	
1/2	1,131.94	1/2	935.87	1/2	739.94	1/2	543.09	1/2	347.49	1/2	156.57	1/2		1/2	1/2	1/2		1/2	
3/4	1,127.84	3/4	931.80	3/4	735.84	3/4	538.99	3/4	343.54	3/4	152.46	3/4		3/4	3/4	3/4		3/4	
8	1,123.74	8	927.74	8	731.74	8	534.89	8	339.60	8	148.36	8		8	8	8		8	
1/4	1,119.64	1/4	923.67	1/4	727.64	1/4	530.78	1/4	335.66	1/4	144.26	1/4		1/4	1/4	1/4		1/4	
1/2	1,115.54	1/2	919.61	1/2	723.54	1/2	526.68	1/2	331.72	1/2	140.15	1/2		1/2	1/2	1/2		1/2	
3/4	1,111.44	3/4	915.54	3/4	719.43	3/4	522.58	3/4	327.78	3/4	136.05	3/4		3/4	3/4	3/4		3/4	
9	1,107.34	9	911.48	9	715.33	9	518.48	9	323.84	9	131.95	9		9	9	9		9	
1/4	1,103.24	1/4	907.41	1/4	711.23	1/4	514.38	1/4	319.89	1/4	127.84	1/4		1/4	1/4	1/4		1/4	
1/2	1,099.13	1/2	903.34	1/2	707.13	1/2	510.28	1/2	315.95	1/2	123.74	1/2		1/2	1/2	1/2		1/2	
3/4	1,095.03	3/4	899.28	3/4	703.03	3/4	506.18	3/4	312.01	3/4	119.64	3/4		3/4	3/4	3/4		3/4	
10	1,090.93	10	895.21	10	698.93	10	502.08	10	308.07	10	115.53	10		10	10	10		10	
1/4	1,086.83	1/4	891.15	1/4	694.83	1/4	497.98	1/4	304.13	1/4	111.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,082.73	1/2	887.08	1/2	690.73	1/2	493.87	1/2	300.18	1/2	107.33	1/2		1/2	1/2	1/2		1/2	
3/4	1,078.63	3/4	883.02	3/4	686.63	3/4	489.77	3/4	296.24	3/4	103.22	3/4		3/4	3/4	3/4		3/4	
11	1,074.53	11	878.95	11	682.52	11	485.67	11	292.30	11	99.12	11		11	11	11		11	
1/4	1,070.43	1/4	874.88	1/4	678.42	1/4	481.57	1/4	288.36	1/4	95.02	1/4		1/4	1/4	1/4		1/4	
1/2	1,066.33	1/2	870.82	1/2	674.32	1/2	477.47	1/2	284.42	1/2	90.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,062.22	3/4	866.75	3/4	670.22	3/4	473.37	3/4	280.47	3/4	86.81	3/4		3/4	3/4	3/4		3/4	

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