



BARGE "CTCo 331"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 13'-11"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
1/2	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
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
1/2	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
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
1/2	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	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
1/2	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
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
1/2	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
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
1/2	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
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
1/2	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
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
1/2	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
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
1/2	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
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
1/2	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
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
1/2	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
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
1/2	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

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 54'-00" FORWARD OF AFT BULKHEAD.

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



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CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 13'-11"

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	1,457.25	0	1,087.06	0	717.08	0	347.49	0		0		0		0		0		0	
1/4	1,449.54	1/4	1,079.35	1/4	709.38	1/4	339.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,441.82	1/2	1,071.63	1/2	701.69	1/2	332.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,434.11	3/4	1,063.92	3/4	693.99	3/4	324.36	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,426.40	1	1,056.21	1	686.30	1	316.65	1		1		1		1		1		1	
1/4	1,418.69	1/4	1,048.50	1/4	678.60	1/4	308.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,410.97	1/2	1,040.78	1/2	670.91	1/2	301.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,403.26	3/4	1,033.07	3/4	663.21	3/4	293.51	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,395.55	2	1,025.36	2	655.52	2	285.80	2		2		2		2		2		2	
1/4	1,387.84	1/4	1,017.65	1/4	647.83	1/4	278.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,380.12	1/2	1,009.93	1/2	640.13	1/2	270.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,372.41	3/4	1,002.22	3/4	632.44	3/4	262.66	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,364.70	3	994.51	3	624.75	3	254.95	3		3		3		3		3		3	
1/4	1,356.99	1/4	986.80	1/4	617.05	1/4	247.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,349.27	1/2	979.08	1/2	609.36	1/2	239.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,341.56	3/4	971.37	3/4	601.66	3/4	231.81	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,333.85	4	963.66	4	593.97	4	224.10	4		4		4		4		4		4	
1/4	1,326.14	1/4	955.95	1/4	586.27	1/4	216.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,318.42	1/2	948.23	1/2	578.58	1/2	208.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,310.71	3/4	940.52	3/4	570.88	3/4	200.96	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,303.00	5	932.81	5	563.19	5	193.25	5		5		5		5		5		5	
1/4	1,295.29	1/4	925.10	1/4	555.49	1/4	185.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,287.57	1/2	917.38	1/2	547.80	1/2	177.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,279.86	3/4	909.67	3/4	540.10	3/4	170.11	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,272.15	6	901.96	6	532.41	6	162.40	6		6		6		6		6		6	
1/4	1,264.44	1/4	894.25	1/4	524.71	1/4	154.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,256.72	1/2	886.53	1/2	517.02	1/2	146.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,249.01	3/4	878.82	3/4	509.32	3/4	139.26	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,241.30	7	871.11	7	501.63	7	131.55	7		7		7		7		7		7	
1/4	1,233.59	1/4	863.40	1/4	493.93	1/4	123.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,225.87	1/2	855.68	1/2	486.24	1/2	116.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,218.16	3/4	847.97	3/4	478.54	3/4	108.41	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,210.45	8	840.26	8	470.85	8	100.70	8		8		8		8		8		8	
1/4	1,202.74	1/4	832.55	1/4	463.15	1/4	93.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,195.02	1/2	824.84	1/2	455.44	1/2	85.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,187.31	3/4	817.14	3/4	447.74	3/4	78.14	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,179.60	9	809.43	9	440.04	9	70.62	9		9		9		9		9		9	
1/4	1,171.89	1/4	801.73	1/4	432.33	1/4	64.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,164.18	1/2	794.03	1/2	424.61	1/2	57.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,156.47	3/4	786.34	3/4	416.90	3/4	50.95	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,148.76	10	778.64	10	409.19	10	44.40	10		10		10		10		10		10	
1/4	1,141.05	1/4	770.94	1/4	401.48	1/4	39.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,133.33	1/2	763.25	1/2	393.76	1/2	34.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,125.62	3/4	755.55	3/4	386.05	3/4	29.36	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,117.91	11	747.86	11	378.34	11	24.35	11		11		11		11		11		11	
1/4	1,110.20	1/4	740.16	1/4	370.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,102.48	1/2	732.47	1/2	362.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,094.77	3/4	724.77	3/4	355.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/1997 SI
REPRINTED: 05/29/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
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GAUGE HEIGHT 13'-11"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.								
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN					
0			0			0			0			0			0			0			0			0			0			0			0		

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
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GAUGE HEIGHT 13'-11"

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	1,450.16	0	1,079.99	0	709.85	0	339.76	0		0		0		0		0		0	
1/4	1,442.45	1/4	1,072.28	1/4	702.14	1/4	332.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,434.73	1/2	1,064.57	1/2	694.43	1/2	324.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,427.02	3/4	1,056.86	3/4	686.72	3/4	316.62	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,419.31	1	1,049.15	1	679.01	1	308.91	1		1		1		1		1		1	
1/4	1,411.60	1/4	1,041.44	1/4	671.30	1/4	301.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,403.89	1/2	1,033.72	1/2	663.59	1/2	293.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,396.18	3/4	1,026.01	3/4	655.89	3/4	285.78	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,388.47	2	1,018.30	2	648.18	2	278.07	2		2		2		2		2		2	
1/4	1,380.76	1/4	1,010.59	1/4	640.47	1/4	270.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,373.04	1/2	1,002.87	1/2	632.76	1/2	262.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,365.33	3/4	995.16	3/4	625.05	3/4	254.93	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,357.62	3	987.45	3	617.34	3	247.22	3		3		3		3		3		3	
1/4	1,349.91	1/4	979.74	1/4	609.63	1/4	239.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,342.19	1/2	972.03	1/2	601.92	1/2	231.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,334.48	3/4	964.32	3/4	594.22	3/4	224.08	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,326.77	4	956.61	4	586.51	4	216.37	4		4		4		4		4		4	
1/4	1,319.06	1/4	948.90	1/4	578.80	1/4	208.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,311.35	1/2	941.18	1/2	571.09	1/2	200.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,303.64	3/4	933.47	3/4	563.38	3/4	193.23	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,295.93	5	925.76	5	555.67	5	185.52	5		5		5		5		5		5	
1/4	1,288.22	1/4	918.05	1/4	547.96	1/4	177.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,280.50	1/2	910.33	1/2	540.25	1/2	170.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,272.79	3/4	902.62	3/4	532.54	3/4	162.39	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,265.08	6	894.91	6	524.83	6	154.68	6		6		6		6		6		6	
1/4	1,257.37	1/4	887.20	1/4	517.12	1/4	146.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,249.65	1/2	879.48	1/2	509.41	1/2	139.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,241.94	3/4	871.77	3/4	501.70	3/4	131.54	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,234.23	7	864.06	7	493.99	7	123.83	7		7		7		7		7		7	
1/4	1,226.52	1/4	856.35	1/4	486.28	1/4	116.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,218.80	1/2	848.64	1/2	478.57	1/2	108.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,211.09	3/4	840.93	3/4	470.86	3/4	100.69	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,203.38	8	833.22	8	463.15	8	92.98	8		8		8		8		8		8	
1/4	1,195.67	1/4	825.51	1/4	455.44	1/4	85.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,187.96	1/2	817.79	1/2	447.72	1/2	78.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,180.25	3/4	810.08	3/4	440.01	3/4	71.00	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,172.54	9	802.37	9	432.30	9	63.68	9		9		9		9		9		9	
1/4	1,164.83	1/4	794.66	1/4	424.59	1/4	57.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,157.11	1/2	786.95	1/2	416.87	1/2	51.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,149.40	3/4	779.24	3/4	409.16	3/4	45.17	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,141.69	10	771.53	10	401.45	10	39.00	10		10		10		10		10		10	
1/4	1,133.98	1/4	763.82	1/4	393.74	1/4	34.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,126.26	1/2	756.11	1/2	386.03	1/2	29.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,118.55	3/4	748.40	3/4	378.32	3/4	25.12	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,110.84	11	740.69	11	370.61	11	20.50	11		11		11		11		11		11	
1/4	1,103.13	1/4	732.98	1/4	362.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,095.41	1/2	725.27	1/2	355.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,087.70	3/4	717.56	3/4	347.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 331"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-00"

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	1,483.34	0	1,114.11	0	745.19	0	377.36	0	24.29	0		0		0		0		0	
1/4	1,475.65	1/4	1,106.42	1/4	737.53	1/4	369.67	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	1,467.95	1/2	1,098.72	1/2	729.88	1/2	361.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,460.26	3/4	1,091.03	3/4	722.22	3/4	354.28	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,452.57	1	1,083.34	1	714.57	1	346.59	1	1	1		1		1		1		1	
1/4	1,444.88	1/4	1,075.65	1/4	706.91	1/4	338.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,437.18	1/2	1,067.96	1/2	699.26	1/2	331.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,429.49	3/4	1,060.27	3/4	691.60	3/4	323.51	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,421.80	2	1,052.58	2	683.95	2	315.82	2	2	2		2		2		2		2	
1/4	1,414.11	1/4	1,044.89	1/4	676.29	1/4	308.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,406.41	1/2	1,037.19	1/2	668.63	1/2	300.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,398.72	3/4	1,029.50	3/4	660.98	3/4	292.74	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,391.03	3	1,021.81	3	653.32	3	285.05	3	3	3		3		3		3		3	
1/4	1,383.34	1/4	1,014.12	1/4	645.66	1/4	277.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,375.64	1/2	1,006.42	1/2	638.01	1/2	269.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,367.95	3/4	998.73	3/4	630.35	3/4	261.97	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,360.26	4	991.04	4	622.70	4	254.28	4	4	4		4		4		4		4	
1/4	1,352.57	1/4	983.35	1/4	615.04	1/4	246.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,344.87	1/2	975.65	1/2	607.38	1/2	238.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,337.18	3/4	967.96	3/4	599.73	3/4	231.20	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,329.49	5	960.27	5	592.07	5	223.51	5	5	5		5		5		5		5	
1/4	1,321.80	1/4	952.58	1/4	584.41	1/4	215.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,314.11	1/2	944.88	1/2	576.76	1/2	208.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,306.42	3/4	937.19	3/4	569.10	3/4	200.44	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,298.73	6	929.50	6	561.45	6	192.75	6	6	6		6		6		6		6	
1/4	1,291.04	1/4	921.81	1/4	553.79	1/4	185.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,283.34	1/2	914.11	1/2	546.13	1/2	177.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,275.65	3/4	906.42	3/4	538.48	3/4	169.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,267.96	7	898.73	7	530.82	7	161.98	7	7	7		7		7		7		7	
1/4	1,260.27	1/4	891.04	1/4	523.16	1/4	154.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,252.57	1/2	883.34	1/2	515.51	1/2	146.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,244.88	3/4	875.65	3/4	507.85	3/4	138.90	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,237.19	8	867.96	8	500.20	8	131.21	8	8	8		8		8		8		8	
1/4	1,229.50	1/4	860.27	1/4	492.54	1/4	123.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,221.80	1/2	852.57	1/2	484.88	1/2	115.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,214.11	3/4	844.88	3/4	477.23	3/4	108.13	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,206.42	9	837.19	9	469.57	9	100.44	9	9	9		9		9		9		9	
1/4	1,198.73	1/4	829.51	1/4	461.90	1/4	92.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,191.03	1/2	821.82	1/2	454.23	1/2	85.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,183.34	3/4	814.14	3/4	446.57	3/4	77.94	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,175.65	10	806.46	10	438.90	10	70.44	10	10	10		10		10		10		10	
1/4	1,167.96	1/4	798.80	1/4	431.21	1/4	63.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,160.26	1/2	791.14	1/2	423.51	1/2	57.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,152.57	3/4	783.48	3/4	415.82	3/4	50.83	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,144.88	11	775.82	11	408.13	11	44.29	11	11	11		11		11		11		11	
1/4	1,137.19	1/4	768.16	1/4	400.44	1/4	39.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,129.49	1/2	760.50	1/2	392.74	1/2	34.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,121.80	3/4	752.85	3/4	385.05	3/4	29.29	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CTCo 331"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 13'-11 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	1,453.32	0	1,084.31	0	715.31	0	346.39	0		0		0		0		0		0	
1/4	1,445.63	1/4	1,076.62	1/4	707.63	1/4	338.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,437.94	1/2	1,068.93	1/2	699.94	1/2	331.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,430.26	3/4	1,061.25	3/4	692.26	3/4	323.33	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,422.57	1	1,053.56	1	684.57	1	315.64	1		1		1		1		1		1	
1/4	1,414.88	1/4	1,045.87	1/4	676.89	1/4	307.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,407.19	1/2	1,038.18	1/2	669.20	1/2	300.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,399.51	3/4	1,030.50	3/4	661.52	3/4	292.58	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,391.82	2	1,022.81	2	653.83	2	284.89	2		2		2		2		2		2	
1/4	1,384.13	1/4	1,015.12	1/4	646.15	1/4	277.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,376.44	1/2	1,007.43	1/2	638.46	1/2	269.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,368.76	3/4	999.74	3/4	630.78	3/4	261.83	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,361.07	3	992.06	3	623.09	3	254.14	3		3		3		3		3		3	
1/4	1,353.38	1/4	984.37	1/4	615.41	1/4	246.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,345.69	1/2	976.68	1/2	607.72	1/2	238.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,338.01	3/4	968.99	3/4	600.04	3/4	231.08	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,330.32	4	961.31	4	592.35	4	223.39	4		4		4		4		4		4	
1/4	1,322.63	1/4	953.62	1/4	584.67	1/4	215.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,314.94	1/2	945.93	1/2	576.98	1/2	208.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,307.26	3/4	938.24	3/4	569.30	3/4	200.33	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,299.57	5	930.56	5	561.61	5	192.64	5		5		5		5		5		5	
1/4	1,291.88	1/4	922.87	1/4	553.93	1/4	184.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,284.19	1/2	915.18	1/2	546.24	1/2	177.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,276.51	3/4	907.49	3/4	538.56	3/4	169.58	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,268.82	6	899.81	6	530.88	6	161.89	6		6		6		6		6		6	
1/4	1,261.13	1/4	892.12	1/4	523.19	1/4	154.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,253.44	1/2	884.43	1/2	515.51	1/2	146.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,245.75	3/4	876.74	3/4	507.82	3/4	138.82	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,238.06	7	869.06	7	500.14	7	131.13	7		7		7		7		7		7	
1/4	1,230.37	1/4	861.37	1/4	492.45	1/4	123.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,222.68	1/2	853.68	1/2	484.76	1/2	115.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,215.00	3/4	845.99	3/4	477.08	3/4	108.07	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,207.31	8	838.30	8	469.39	8	100.38	8		8		8		8		8		8	
1/4	1,199.62	1/4	830.61	1/4	461.70	1/4	92.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,191.93	1/2	822.92	1/2	454.01	1/2	85.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,184.25	3/4	815.23	3/4	446.33	3/4	78.08	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,176.56	9	807.55	9	438.64	9	70.78	9		9		9		9		9		9	
1/4	1,168.87	1/4	799.86	1/4	430.95	1/4	63.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,161.18	1/2	792.17	1/2	423.26	1/2	57.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,153.50	3/4	784.48	3/4	415.58	3/4	51.18	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,145.81	10	776.80	10	407.89	10	45.03	10		10		10		10		10		10	
1/4	1,138.12	1/4	769.11	1/4	400.20	1/4	38.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,130.43	1/2	761.42	1/2	392.51	1/2	34.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,122.75	3/4	753.74	3/4	384.83	3/4	29.66	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,115.06	11	746.05	11	377.14	11	25.05	11		11		11		11		11		11	
1/4	1,107.37	1/4	738.37	1/4	369.45	1/4	20.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,099.68	1/2	730.68	1/2	361.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,092.00	3/4	723.00	3/4	354.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/1997 SI
REPRINTED: 05/29/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

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



BARGE "CTCo 331"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 13'-11 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	1,233.17	0	921.42	0	610.02	0	299.37	0		0		0		0		0		0	
1/4	1,226.67	1/4	914.92	1/4	603.55	1/4	292.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,220.18	1/2	908.43	1/2	597.09	1/2	286.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,213.68	3/4	901.93	3/4	590.63	3/4	279.88	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,207.19	1	895.44	1	584.16	1	273.39	1		1		1		1		1		1	
1/4	1,200.69	1/4	888.94	1/4	577.70	1/4	266.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,194.20	1/2	882.45	1/2	571.24	1/2	260.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,187.70	3/4	875.95	3/4	564.77	3/4	253.90	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,181.21	2	869.46	2	558.31	2	247.41	2		2		2		2		2		2	
1/4	1,174.71	1/4	862.96	1/4	551.84	1/4	240.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,168.22	1/2	856.47	1/2	545.38	1/2	234.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,161.72	3/4	849.97	3/4	538.92	3/4	227.92	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,155.23	3	843.48	3	532.45	3	221.43	3		3		3		3		3		3	
1/4	1,148.73	1/4	836.98	1/4	525.99	1/4	214.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,142.24	1/2	830.49	1/2	519.53	1/2	208.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,135.74	3/4	823.99	3/4	513.06	3/4	201.94	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,129.25	4	817.50	4	506.60	4	195.45	4		4		4		4		4		4	
1/4	1,122.75	1/4	811.00	1/4	500.13	1/4	188.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,116.26	1/2	804.51	1/2	493.67	1/2	182.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,109.76	3/4	798.01	3/4	487.21	3/4	175.97	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,103.27	5	791.52	5	480.74	5	169.47	5		5		5		5		5		5	
1/4	1,096.77	1/4	785.02	1/4	474.28	1/4	162.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,090.28	1/2	778.53	1/2	467.82	1/2	156.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,083.79	3/4	772.03	3/4	461.35	3/4	149.99	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,077.29	6	765.54	6	454.89	6	143.50	6		6		6		6		6		6	
1/4	1,070.80	1/4	759.04	1/4	448.42	1/4	137.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,064.31	1/2	752.55	1/2	441.96	1/2	130.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,057.81	3/4	746.06	3/4	435.50	3/4	124.01	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,051.32	7	739.56	7	429.03	7	117.52	7		7		7		7		7		7	
1/4	1,044.82	1/4	733.07	1/4	422.57	1/4	111.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,038.33	1/2	726.58	1/2	416.10	1/2	104.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,031.83	3/4	720.08	3/4	409.64	3/4	98.03	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,025.34	8	713.59	8	403.17	8	91.53	8		8		8		8		8		8	
1/4	1,018.84	1/4	707.09	1/4	396.70	1/4	85.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,012.35	1/2	700.60	1/2	390.23	1/2	78.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,005.85	3/4	694.12	3/4	383.76	3/4	72.34	3/4		3/4		3/4		3/4		3/4		3/4	
9	999.36	9	687.63	9	377.28	9	66.00	9		9		9		9		9		9	
1/4	992.86	1/4	681.14	1/4	370.81	1/4	59.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	986.37	1/2	674.67	1/2	364.32	1/2	54.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	979.87	3/4	668.21	3/4	357.82	3/4	48.59	3/4		3/4		3/4		3/4		3/4		3/4	
10	973.38	10	661.74	10	351.33	10	43.06	10		10		10		10		10		10	
1/4	966.88	1/4	655.27	1/4	344.83	1/4	37.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	960.39	1/2	648.81	1/2	338.34	1/2	33.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	953.89	3/4	642.34	3/4	331.84	3/4	29.08	3/4		3/4		3/4		3/4		3/4		3/4	
11	947.40	11	635.88	11	325.35	11	24.85	11		11		11		11		11		11	
1/4	940.90	1/4	629.41	1/4	318.85	1/4	20.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	934.41	1/2	622.95	1/2	312.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	927.91	3/4	616.48	3/4	305.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008



BARGE "CTCo 331"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 13'-11 1/2"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0			0			0			0			0			0			0			0			0			0			0		
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		
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		
1/4			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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 48'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CTCo 331"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 13'-11 1/2"

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	1,236.57	0	924.26	0	611.97	0	299.74	0		0		0		0		0		0	
1/4	1,230.07	1/4	917.76	1/4	605.46	1/4	293.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,223.56	1/2	911.25	1/2	598.96	1/2	286.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,217.05	3/4	904.74	3/4	592.46	3/4	280.22	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,210.55	1	898.24	1	585.95	1	273.71	1		1		1		1		1		1	
1/4	1,204.04	1/4	891.73	1/4	579.45	1/4	267.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,197.54	1/2	885.23	1/2	572.95	1/2	260.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,191.03	3/4	878.72	3/4	566.44	3/4	254.19	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,184.52	2	872.21	2	559.94	2	247.69	2		2		2		2		2		2	
1/4	1,178.02	1/4	865.71	1/4	553.43	1/4	241.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,171.51	1/2	859.20	1/2	546.93	1/2	234.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,165.00	3/4	852.69	3/4	540.43	3/4	228.17	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,158.50	3	846.18	3	533.92	3	221.66	3		3		3		3		3		3	
1/4	1,151.99	1/4	839.68	1/4	527.42	1/4	215.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,145.49	1/2	833.17	1/2	520.92	1/2	208.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,138.98	3/4	826.66	3/4	514.41	3/4	202.14	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,132.47	4	820.16	4	507.91	4	195.63	4		4		4		4		4		4	
1/4	1,125.97	1/4	813.65	1/4	501.40	1/4	189.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,119.46	1/2	807.15	1/2	494.90	1/2	182.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,112.95	3/4	800.64	3/4	488.40	3/4	176.11	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,106.44	5	794.13	5	481.89	5	169.61	5		5		5		5		5		5	
1/4	1,099.94	1/4	787.63	1/4	475.39	1/4	163.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,093.43	1/2	781.12	1/2	468.89	1/2	156.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,086.92	3/4	774.61	3/4	462.38	3/4	150.09	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,080.42	6	768.11	6	455.88	6	143.58	6		6		6		6		6		6	
1/4	1,073.91	1/4	761.60	1/4	449.37	1/4	137.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,067.41	1/2	755.10	1/2	442.87	1/2	130.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,060.90	3/4	748.59	3/4	436.37	3/4	124.06	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,054.39	7	742.08	7	429.86	7	117.56	7		7		7		7		7		7	
1/4	1,047.89	1/4	735.58	1/4	423.36	1/4	111.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,041.38	1/2	729.07	1/2	416.86	1/2	104.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,034.87	3/4	722.56	3/4	410.35	3/4	98.04	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,028.37	8	716.05	8	403.84	8	91.53	8		8		8		8		8		8	
1/4	1,021.86	1/4	709.55	1/4	397.34	1/4	85.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,015.36	1/2	703.04	1/2	390.83	1/2	78.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,008.85	3/4	696.53	3/4	384.32	3/4	72.34	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,002.34	9	690.03	9	377.82	9	66.16	9		9		9		9		9		9	
1/4	995.84	1/4	683.52	1/4	371.31	1/4	59.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	989.33	1/2	677.02	1/2	364.81	1/2	53.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	982.82	3/4	670.51	3/4	358.30	3/4	48.59	3/4		3/4		3/4		3/4		3/4		3/4	
10	976.31	10	664.01	10	351.79	10	43.39	10		10		10		10		10		10	
1/4	969.81	1/4	657.50	1/4	345.29	1/4	38.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	963.30	1/2	651.00	1/2	338.78	1/2	32.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	956.79	3/4	644.49	3/4	332.27	3/4	29.07	3/4		3/4		3/4		3/4		3/4		3/4	
11	950.29	11	637.99	11	325.76	11	25.17	11		11		11		11		11		11	
1/4	943.78	1/4	631.48	1/4	319.26	1/4	21.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	937.28	1/2	624.98	1/2	312.75	1/2	17.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	930.77	3/4	618.47	3/4	306.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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<http://www.pmacorp.net>

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