



# BARGE "CTCO 255"

## 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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2
2 PORT	- 00-1/8	00-1/8	- 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
2 STBD	- 00-1/8	00-1/8	- 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
3 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 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	- 00-1/4	00-1/4	- 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 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 252'-09"

October 17, 2013

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCO 255"

**1 PORT**  
**ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 16'-09"

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
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
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

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "CTCO 255"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	2,247.55	0	1,915.56	0	1,583.57	0	1,251.59	0	919.80	0	588.10	0	256.15	0		0		0	
1/4	2,240.63	1/4	1,908.64	1/4	1,576.66	1/4	1,244.67	1/4	912.90	1/4	581.18	1/4	249.23	1/4	1/4	1/4		1/4	
1/2	2,233.72	1/2	1,901.73	1/2	1,569.74	1/2	1,237.75	1/2	905.99	1/2	574.26	1/2	242.32	1/2	1/2	1/2		1/2	
3/4	2,226.80	3/4	1,894.81	3/4	1,562.82	3/4	1,230.84	3/4	899.09	3/4	567.35	3/4	235.40	3/4	3/4	3/4		3/4	
1	2,219.88	1	1,887.90	1	1,555.91	1	1,223.92	1	892.18	1	560.43	1	228.49	1	1	1		1	
1/4	2,212.97	1/4	1,880.98	1/4	1,548.99	1/4	1,217.00	1/4	885.28	1/4	553.52	1/4	221.57	1/4	1/4	1/4		1/4	
1/2	2,206.05	1/2	1,874.06	1/2	1,542.08	1/2	1,210.09	1/2	878.38	1/2	546.60	1/2	214.65	1/2	1/2	1/2		1/2	
3/4	2,199.13	3/4	1,867.15	3/4	1,535.16	3/4	1,203.17	3/4	871.47	3/4	539.68	3/4	207.74	3/4	3/4	3/4		3/4	
2	2,192.22	2	1,860.23	2	1,528.24	2	1,196.26	2	864.57	2	532.77	2	200.82	2	2	2		2	
1/4	2,185.30	1/4	1,853.31	1/4	1,521.33	1/4	1,189.34	1/4	857.66	1/4	525.85	1/4	193.90	1/4	1/4	1/4		1/4	
1/2	2,178.38	1/2	1,846.40	1/2	1,514.41	1/2	1,182.42	1/2	850.76	1/2	518.94	1/2	186.99	1/2	1/2	1/2		1/2	
3/4	2,171.47	3/4	1,839.48	3/4	1,507.49	3/4	1,175.51	3/4	843.85	3/4	512.02	3/4	180.07	3/4	3/4	3/4		3/4	
3	2,164.55	3	1,832.56	3	1,500.58	3	1,168.59	3	836.95	3	505.10	3	173.16	3	3	3		3	
1/4	2,157.64	1/4	1,825.65	1/4	1,493.66	1/4	1,161.67	1/4	830.04	1/4	498.19	1/4	166.24	1/4	1/4	1/4		1/4	
1/2	2,150.72	1/2	1,818.73	1/2	1,486.74	1/2	1,154.76	1/2	823.14	1/2	491.27	1/2	159.33	1/2	1/2	1/2		1/2	
3/4	2,143.80	3/4	1,811.82	3/4	1,479.83	3/4	1,147.84	3/4	816.24	3/4	484.35	3/4	152.41	3/4	3/4	3/4		3/4	
4	2,136.89	4	1,804.90	4	1,472.91	4	1,140.92	4	809.33	4	477.44	4	145.49	4	4	4		4	
1/4	2,129.97	1/4	1,797.98	1/4	1,466.00	1/4	1,134.01	1/4	802.43	1/4	470.52	1/4	138.58	1/4	1/4	1/4		1/4	
1/2	2,123.05	1/2	1,791.07	1/2	1,459.08	1/2	1,127.09	1/2	795.52	1/2	463.61	1/2	131.67	1/2	1/2	1/2		1/2	
3/4	2,116.14	3/4	1,784.15	3/4	1,452.16	3/4	1,120.18	3/4	788.62	3/4	456.69	3/4	124.76	3/4	3/4	3/4		3/4	
5	2,109.22	5	1,777.23	5	1,445.25	5	1,113.26	5	781.71	5	449.77	5	117.84	5	5	5		5	
1/4	2,102.30	1/4	1,770.32	1/4	1,438.33	1/4	1,106.34	1/4	774.81	1/4	442.86	1/4	110.94	1/4	1/4	1/4		1/4	
1/2	2,095.39	1/2	1,763.40	1/2	1,431.41	1/2	1,099.43	1/2	767.90	1/2	435.94	1/2	104.05	1/2	1/2	1/2		1/2	
3/4	2,088.47	3/4	1,756.48	3/4	1,424.50	3/4	1,092.51	3/4	760.99	3/4	429.03	3/4	97.15	3/4	3/4	3/4		3/4	
6	2,081.55	6	1,749.57	6	1,417.58	6	1,085.59	6	754.08	6	422.11	6	90.25	6	6	6		6	
1/4	2,074.64	1/4	1,742.65	1/4	1,410.66	1/4	1,078.68	1/4	747.17	1/4	415.19	1/4	83.53	1/4	1/4	1/4		1/4	
1/2	2,067.72	1/2	1,735.73	1/2	1,403.75	1/2	1,071.76	1/2	740.25	1/2	408.28	1/2	76.82	1/2	1/2	1/2		1/2	
3/4	2,060.81	3/4	1,728.82	3/4	1,396.83	3/4	1,064.84	3/4	733.33	3/4	401.36	3/4	70.10	3/4	3/4	3/4		3/4	
7	2,053.89	7	1,721.90	7	1,389.91	7	1,057.93	7	726.42	7	394.45	7	63.38	7	7	7		7	
1/4	2,046.97	1/4	1,714.99	1/4	1,383.00	1/4	1,051.01	1/4	719.50	1/4	387.53	1/4	57.51	1/4	1/4	1/4		1/4	
1/2	2,040.06	1/2	1,708.07	1/2	1,376.08	1/2	1,044.10	1/2	712.59	1/2	380.61	1/2	51.63	1/2	1/2	1/2		1/2	
3/4	2,033.14	3/4	1,701.15	3/4	1,369.17	3/4	1,037.19	3/4	705.67	3/4	373.70	3/4	45.75	3/4	3/4	3/4		3/4	
8	2,026.22	8	1,694.24	8	1,362.25	8	1,030.27	8	698.75	8	366.78	8	39.88	8	8	8		8	
1/4	2,019.31	1/4	1,687.32	1/4	1,355.33	1/4	1,023.37	1/4	691.84	1/4	359.87	1/4	35.38	1/4	1/4	1/4		1/4	
1/2	2,012.39	1/2	1,680.40	1/2	1,348.42	1/2	1,016.46	1/2	684.92	1/2	352.96	1/2	30.89	1/2	1/2	1/2		1/2	
3/4	2,005.47	3/4	1,673.49	3/4	1,341.50	3/4	1,009.56	3/4	678.01	3/4	346.05	3/4	26.39	3/4	3/4	3/4		3/4	
9	1,998.56	9	1,666.57	9	1,334.58	9	1,002.65	9	671.09	9	339.13	9	21.90	9	9	9		9	
1/4	1,991.64	1/4	1,659.65	1/4	1,327.67	1/4	995.75	1/4	664.17	1/4	332.22	1/4		1/4	1/4	1/4		1/4	
1/2	1,984.73	1/2	1,652.74	1/2	1,320.75	1/2	988.85	1/2	657.26	1/2	325.31	1/2		1/2	1/2	1/2		1/2	
3/4	1,977.81	3/4	1,645.82	3/4	1,313.83	3/4	981.94	3/4	650.34	3/4	318.39	3/4		3/4	3/4	3/4		3/4	
10	1,970.89	10	1,638.91	10	1,306.92	10	975.04	10	643.43	10	311.48	10		10	10	10		10	
1/4	1,963.98	1/4	1,631.99	1/4	1,300.00	1/4	968.13	1/4	636.51	1/4	304.56	1/4		1/4	1/4	1/4		1/4	
1/2	1,957.06	1/2	1,625.07	1/2	1,293.09	1/2	961.23	1/2	629.59	1/2	297.65	1/2		1/2	1/2	1/2		1/2	
3/4	1,950.14	3/4	1,618.16	3/4	1,286.17	3/4	954.32	3/4	622.68	3/4	290.73	3/4		3/4	3/4	3/4		3/4	
11	1,943.23	11	1,611.24	11	1,279.25	11	947.42	11	615.76	11	283.81	11		11	11	11		11	
1/4	1,936.31	1/4	1,604.32	1/4	1,272.34	1/4	940.51	1/4	608.84	1/4	276.90	1/4		1/4	1/4	1/4		1/4	
1/2	1,929.39	1/2	1,597.41	1/2	1,265.42	1/2	933.61	1/2	601.93	1/2	269.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,922.48	3/4	1,590.49	3/4	1,258.50	3/4	926.71	3/4	595.01	3/4	263.07	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW  
CALCULATED: 10/18/2013 CL  
PRINTED: 10/19/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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





# BARGE "CTCO 255"

1 STBD  
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	2,245.72	0	1,913.73	0	1,581.74	0	1,249.76	0	918.75	0	588.09	0	256.15	0		0		0	
1/4	2,238.80	1/4	1,906.81	1/4	1,574.83	1/4	1,242.84	1/4	911.88	1/4	581.18	1/4	249.23	1/4	1/4	1/4		1/4	
1/2	2,231.89	1/2	1,899.90	1/2	1,567.91	1/2	1,235.92	1/2	905.02	1/2	574.26	1/2	242.32	1/2	1/2	1/2		1/2	
3/4	2,224.97	3/4	1,892.98	3/4	1,560.99	3/4	1,229.01	3/4	898.15	3/4	567.35	3/4	235.40	3/4	3/4	3/4		3/4	
1	2,218.05	1	1,886.07	1	1,554.08	1	1,222.09	1	891.28	1	560.43	1	228.48	1	1	1		1	
1/4	2,211.14	1/4	1,879.15	1/4	1,547.16	1/4	1,215.17	1/4	884.41	1/4	553.51	1/4	221.57	1/4	1/4	1/4		1/4	
1/2	2,204.22	1/2	1,872.23	1/2	1,540.25	1/2	1,208.26	1/2	877.55	1/2	546.60	1/2	214.65	1/2	1/2	1/2		1/2	
3/4	2,197.30	3/4	1,865.32	3/4	1,533.33	3/4	1,201.34	3/4	870.68	3/4	539.68	3/4	207.73	3/4	3/4	3/4		3/4	
2	2,190.39	2	1,858.40	2	1,526.41	2	1,194.43	2	863.81	2	532.76	2	200.82	2	2	2		2	
1/4	2,183.47	1/4	1,851.48	1/4	1,519.50	1/4	1,187.51	1/4	856.94	1/4	525.85	1/4	193.90	1/4	1/4	1/4		1/4	
1/2	2,176.55	1/2	1,844.57	1/2	1,512.58	1/2	1,180.59	1/2	850.08	1/2	518.93	1/2	186.99	1/2	1/2	1/2		1/2	
3/4	2,169.64	3/4	1,837.65	3/4	1,505.66	3/4	1,173.68	3/4	843.21	3/4	512.02	3/4	180.07	3/4	3/4	3/4		3/4	
3	2,162.72	3	1,830.73	3	1,498.75	3	1,166.76	3	836.34	3	505.10	3	173.15	3	3	3		3	
1/4	2,155.81	1/4	1,823.82	1/4	1,491.83	1/4	1,159.84	1/4	829.48	1/4	498.18	1/4	166.24	1/4	1/4	1/4		1/4	
1/2	2,148.89	1/2	1,816.90	1/2	1,484.91	1/2	1,152.93	1/2	822.61	1/2	491.27	1/2	159.32	1/2	1/2	1/2		1/2	
3/4	2,141.97	3/4	1,809.99	3/4	1,478.00	3/4	1,146.01	3/4	815.74	3/4	484.35	3/4	152.41	3/4	3/4	3/4		3/4	
4	2,135.06	4	1,803.07	4	1,471.08	4	1,139.09	4	808.87	4	477.44	4	145.49	4	4	4		4	
1/4	2,128.14	1/4	1,796.15	1/4	1,464.17	1/4	1,132.18	1/4	802.01	1/4	470.52	1/4	138.58	1/4	1/4	1/4		1/4	
1/2	2,121.22	1/2	1,789.24	1/2	1,457.25	1/2	1,125.26	1/2	795.14	1/2	463.60	1/2	131.67	1/2	1/2	1/2		1/2	
3/4	2,114.31	3/4	1,782.32	3/4	1,450.33	3/4	1,118.35	3/4	788.27	3/4	456.69	3/4	124.75	3/4	3/4	3/4		3/4	
5	2,107.39	5	1,775.40	5	1,443.42	5	1,111.43	5	781.40	5	449.77	5	117.84	5	5	5		5	
1/4	2,100.47	1/4	1,768.49	1/4	1,436.50	1/4	1,104.51	1/4	774.54	1/4	442.86	1/4	110.94	1/4	1/4	1/4		1/4	
1/2	2,093.56	1/2	1,761.57	1/2	1,429.58	1/2	1,097.60	1/2	767.67	1/2	435.94	1/2	104.04	1/2	1/2	1/2		1/2	
3/4	2,086.64	3/4	1,754.65	3/4	1,422.67	3/4	1,090.68	3/4	760.80	3/4	429.02	3/4	97.14	3/4	3/4	3/4		3/4	
6	2,079.72	6	1,747.74	6	1,415.75	6	1,083.76	6	753.93	6	422.11	6	90.24	6	6	6		6	
1/4	2,072.81	1/4	1,740.82	1/4	1,408.83	1/4	1,076.86	1/4	747.06	1/4	415.19	1/4	83.53	1/4	1/4	1/4		1/4	
1/2	2,065.89	1/2	1,733.90	1/2	1,401.92	1/2	1,069.95	1/2	740.18	1/2	408.28	1/2	76.81	1/2	1/2	1/2		1/2	
3/4	2,058.98	3/4	1,726.99	3/4	1,395.00	3/4	1,063.05	3/4	733.30	3/4	401.36	3/4	70.10	3/4	3/4	3/4		3/4	
7	2,052.06	7	1,720.07	7	1,388.08	7	1,056.14	7	726.42	7	394.44	7	63.38	7	7	7		7	
1/4	2,045.14	1/4	1,713.16	1/4	1,381.17	1/4	1,049.27	1/4	719.50	1/4	387.53	1/4	57.50	1/4	1/4	1/4		1/4	
1/2	2,038.23	1/2	1,706.24	1/2	1,374.25	1/2	1,042.39	1/2	712.58	1/2	380.61	1/2	51.63	1/2	1/2	1/2		1/2	
3/4	2,031.31	3/4	1,699.32	3/4	1,367.34	3/4	1,035.52	3/4	705.67	3/4	373.70	3/4	45.75	3/4	3/4	3/4		3/4	
8	2,024.39	8	1,692.41	8	1,360.42	8	1,028.65	8	698.75	8	366.78	8	39.87	8	8	8		8	
1/4	2,017.48	1/4	1,685.49	1/4	1,353.50	1/4	1,021.77	1/4	691.84	1/4	359.87	1/4	33.88	1/4	1/4	1/4		1/4	
1/2	2,010.56	1/2	1,678.57	1/2	1,346.59	1/2	1,014.90	1/2	684.92	1/2	352.96	1/2	30.88	1/2	1/2	1/2		1/2	
3/4	2,003.64	3/4	1,671.66	3/4	1,339.67	3/4	1,008.03	3/4	678.00	3/4	346.04	3/4	26.39	3/4	3/4	3/4		3/4	
9	1,996.73	9	1,664.74	9	1,332.75	9	1,001.16	9	671.09	9	339.13	9	21.90	9	9	9		9	
1/4	1,989.81	1/4	1,657.82	1/4	1,325.84	1/4	994.29	1/4	664.17	1/4	332.22	1/4	18.90	1/4	1/4	1/4		1/4	
1/2	1,982.90	1/2	1,650.91	1/2	1,318.92	1/2	987.42	1/2	657.25	1/2	325.30	1/2	15.90	1/2	1/2	1/2		1/2	
3/4	1,975.98	3/4	1,643.99	3/4	1,312.00	3/4	980.56	3/4	650.34	3/4	318.39	3/4	12.90	3/4	3/4	3/4		3/4	
10	1,969.06	10	1,637.08	10	1,305.09	10	973.69	10	643.42	10	311.48	10	10.90	10	10	10		10	
1/4	1,962.15	1/4	1,630.16	1/4	1,298.17	1/4	966.82	1/4	636.51	1/4	304.56	1/4	8.90	1/4	1/4	1/4		1/4	
1/2	1,955.23	1/2	1,623.24	1/2	1,291.26	1/2	959.95	1/2	629.59	1/2	297.64	1/2	6.90	1/2	1/2	1/2		1/2	
3/4	1,948.31	3/4	1,616.33	3/4	1,284.34	3/4	953.09	3/4	622.67	3/4	290.73	3/4	4.90	3/4	3/4	3/4		3/4	
11	1,941.40	11	1,609.41	11	1,277.42	11	946.22	11	615.76	11	283.81	11	3.90	11	11	11		11	
1/4	1,934.48	1/4	1,602.49	1/4	1,270.51	1/4	939.35	1/4	608.84	1/4	276.90	1/4	2.90	1/4	1/4	1/4		1/4	
1/2	1,927.56	1/2	1,595.58	1/2	1,263.59	1/2	932.48	1/2	601.93	1/2	269.98	1/2	1.90	1/2	1/2	1/2		1/2	
3/4	1,920.65	3/4	1,588.66	3/4	1,256.67	3/4	925.62	3/4	595.01	3/4	263.06	3/4	0.90	3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW  
CALCULATED: 10/18/2013 CL  
PRINTED: 10/19/2013 SW

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013





# BARGE "CTCO 255"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	2,240.41	0	1,909.49	0	1,578.57	0	1,247.65	0	916.90	0	586.20	0	255.33	0		0		0	
1/4	2,233.51	1/4	1,902.59	1/4	1,571.68	1/4	1,240.76	1/4	910.01	1/4	579.31	1/4	248.43	1/4	1/4		1/4		1/4
1/2	2,226.62	1/2	1,895.70	1/2	1,564.78	1/2	1,233.87	1/2	903.13	1/2	572.41	1/2	241.54	1/2	1/2		1/2		1/2
3/4	2,219.72	3/4	1,888.81	3/4	1,557.89	3/4	1,226.97	3/4	896.24	3/4	565.52	3/4	234.65	3/4	3/4		3/4		3/4
1	2,212.83	1	1,881.91	1	1,551.00	1	1,220.08	1	889.36	1	558.62	1	227.75	1	1		1		1
1/4	2,205.93	1/4	1,875.02	1/4	1,544.10	1/4	1,213.18	1/4	882.47	1/4	551.73	1/4	220.86	1/4	1/4		1/4		1/4
1/2	2,199.04	1/2	1,868.12	1/2	1,537.21	1/2	1,206.29	1/2	875.59	1/2	544.84	1/2	213.96	1/2	1/2		1/2		1/2
3/4	2,192.15	3/4	1,861.23	3/4	1,530.31	3/4	1,199.40	3/4	868.70	3/4	537.94	3/4	207.07	3/4	3/4		3/4		3/4
2	2,185.25	2	1,854.34	2	1,523.42	2	1,192.50	2	861.82	2	531.05	2	200.18	2	2		2		2
1/4	2,178.36	1/4	1,847.44	1/4	1,516.52	1/4	1,185.61	1/4	854.93	1/4	524.16	1/4	193.28	1/4	1/4		1/4		1/4
1/2	2,171.46	1/2	1,840.55	1/2	1,509.63	1/2	1,178.71	1/2	848.05	1/2	517.26	1/2	186.39	1/2	1/2		1/2		1/2
3/4	2,164.57	3/4	1,833.65	3/4	1,502.74	3/4	1,171.82	3/4	841.16	3/4	510.37	3/4	179.50	3/4	3/4		3/4		3/4
3	2,157.68	3	1,826.76	3	1,495.84	3	1,164.93	3	834.28	3	503.47	3	172.60	3	3		3		3
1/4	2,150.78	1/4	1,819.86	1/4	1,488.95	1/4	1,158.03	1/4	827.39	1/4	496.58	1/4	165.71	1/4	1/4		1/4		1/4
1/2	2,143.89	1/2	1,812.97	1/2	1,482.05	1/2	1,151.14	1/2	820.51	1/2	489.69	1/2	158.81	1/2	1/2		1/2		1/2
3/4	2,136.99	3/4	1,806.08	3/4	1,475.16	3/4	1,144.24	3/4	813.62	3/4	482.79	3/4	151.92	3/4	3/4		3/4		3/4
4	2,130.10	4	1,799.18	4	1,468.27	4	1,137.35	4	806.74	4	475.90	4	145.03	4	4		4		4
1/4	2,123.21	1/4	1,792.29	1/4	1,461.37	1/4	1,130.45	1/4	799.85	1/4	469.01	1/4	138.14	1/4	1/4		1/4		1/4
1/2	2,116.31	1/2	1,785.39	1/2	1,454.48	1/2	1,123.56	1/2	792.97	1/2	462.11	1/2	131.25	1/2	1/2		1/2		1/2
3/4	2,109.42	3/4	1,778.50	3/4	1,447.58	3/4	1,116.67	3/4	786.08	3/4	455.22	3/4	124.36	3/4	3/4		3/4		3/4
5	2,102.52	5	1,771.61	5	1,440.69	5	1,109.77	5	779.20	5	448.32	5	117.47	5	5		5		5
1/4	2,095.63	1/4	1,764.71	1/4	1,433.80	1/4	1,102.88	1/4	772.31	1/4	441.43	1/4	110.59	1/4	1/4		1/4		1/4
1/2	2,088.73	1/2	1,757.82	1/2	1,426.90	1/2	1,095.98	1/2	765.42	1/2	434.54	1/2	103.71	1/2	1/2		1/2		1/2
3/4	2,081.84	3/4	1,750.92	3/4	1,420.01	3/4	1,089.09	3/4	758.54	3/4	427.64	3/4	96.84	3/4	3/4		3/4		3/4
6	2,074.95	6	1,744.03	6	1,413.11	6	1,082.20	6	751.65	6	420.75	6	89.96	6	6		6		6
1/4	2,068.05	1/4	1,737.14	1/4	1,406.22	1/4	1,075.30	1/4	744.76	1/4	413.86	1/4	83.27	1/4	1/4		1/4		1/4
1/2	2,061.16	1/2	1,730.24	1/2	1,399.32	1/2	1,068.41	1/2	737.86	1/2	406.96	1/2	76.57	1/2	1/2		1/2		1/2
3/4	2,054.26	3/4	1,723.35	3/4	1,392.43	3/4	1,061.51	3/4	730.97	3/4	400.07	3/4	69.88	3/4	3/4		3/4		3/4
7	2,047.37	7	1,716.45	7	1,385.54	7	1,054.62	7	724.08	7	393.17	7	63.18	7	7		7		7
1/4	2,040.48	1/4	1,709.56	1/4	1,378.64	1/4	1,047.73	1/4	717.18	1/4	386.28	1/4	57.33	1/4	1/4		1/4		1/4
1/2	2,033.58	1/2	1,702.67	1/2	1,371.75	1/2	1,040.84	1/2	710.29	1/2	379.39	1/2	51.47	1/2	1/2		1/2		1/2
3/4	2,026.69	3/4	1,695.77	3/4	1,364.85	3/4	1,033.95	3/4	703.39	3/4	372.50	3/4	45.61	3/4	3/4		3/4		3/4
8	2,019.79	8	1,688.88	8	1,357.96	8	1,027.05	8	696.50	8	365.60	8	39.75	8	8		8		8
1/4	2,012.90	1/4	1,681.98	1/4	1,351.07	1/4	1,020.17	1/4	689.61	1/4	358.71	1/4	35.27	1/4	1/4		1/4		1/4
1/2	2,006.01	1/2	1,675.09	1/2	1,344.17	1/2	1,013.28	1/2	682.71	1/2	351.82	1/2	30.79	1/2	1/2		1/2		1/2
3/4	1,999.11	3/4	1,668.19	3/4	1,337.28	3/4	1,006.40	3/4	675.82	3/4	344.93	3/4	26.31	3/4	3/4		3/4		3/4
9	1,992.22	9	1,661.30	9	1,330.38	9	999.51	9	668.93	9	338.04	9	21.83	9	9		9		9
1/4	1,985.32	1/4	1,654.41	1/4	1,323.49	1/4	992.63	1/4	662.03	1/4	331.15	1/4		1/4	1/4		1/4		1/4
1/2	1,978.43	1/2	1,647.51	1/2	1,316.60	1/2	985.74	1/2	655.14	1/2	324.26	1/2		1/2	1/2		1/2		1/2
3/4	1,971.54	3/4	1,640.62	3/4	1,309.70	3/4	978.86	3/4	648.24	3/4	317.37	3/4		3/4	3/4		3/4		3/4
10	1,964.64	10	1,633.72	10	1,302.81	10	971.97	10	641.35	10	310.48	10		10	10		10		10
1/4	1,957.75	1/4	1,626.83	1/4	1,295.91	1/4	965.09	1/4	634.46	1/4	303.58	1/4		1/4	1/4		1/4		1/4
1/2	1,950.85	1/2	1,619.94	1/2	1,289.02	1/2	958.20	1/2	627.56	1/2	296.69	1/2		1/2	1/2		1/2		1/2
3/4	1,943.96	3/4	1,613.04	3/4	1,282.13	3/4	951.32	3/4	620.67	3/4	289.80	3/4		3/4	3/4		3/4		3/4
11	1,937.06	11	1,606.15	11	1,275.23	11	944.43	11	613.78	11	282.90	11		11	11		11		11
1/4	1,930.17	1/4	1,599.25	1/4	1,268.34	1/4	937.55	1/4	606.88	1/4	276.01	1/4		1/4	1/4		1/4		1/4
1/2	1,923.28	1/2	1,592.36	1/2	1,261.44	1/2	930.67	1/2	599.99	1/2	269.11	1/2		1/2	1/2		1/2		1/2
3/4	1,916.38	3/4	1,585.47	3/4	1,254.55	3/4	923.78	3/4	593.09	3/4	262.22	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW  
CALCULATED: 10/18/2013 CL  
PRINTED: 10/19/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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



# BARGE "CTCO 255"

# 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4	4,793.25	1/4	4,463.89	1/4	4,133.20	1/4	3,802.51	1/4	3,471.82	1/4	3,141.13	1/4	2,810.44	1/4	2,479.73
1/2		1/2	5,108.61	1/2	4,786.40	1/2	4,457.00	1/2	4,126.31	1/2	3,795.62	1/2	3,464.93	1/2	3,134.24	1/2	2,803.55	1/2	2,472.83
3/4		3/4	5,103.51	3/4	4,779.55	3/4	4,450.11	3/4	4,119.42	3/4	3,788.73	3/4	3,458.04	3/4	3,127.35	3/4	2,796.66	3/4	2,465.94
1	1	1	5,098.40	1	4,772.70	1	4,443.22	1	4,112.53	1	3,781.84	1	3,451.15	1	3,120.46	1	2,789.77	1	2,459.05
1/4		1/4	5,092.12	1/4	4,765.85	1/4	4,436.34	1/4	4,105.64	1/4	3,774.95	1/4	3,444.26	1/4	3,113.57	1/4	2,782.88	1/4	2,452.15
1/2		1/2	5,085.84	1/2	4,759.00	1/2	4,429.45	1/2	4,098.75	1/2	3,768.06	1/2	3,437.37	1/2	3,106.68	1/2	2,775.99	1/2	2,445.26
3/4		3/4	5,079.56	3/4	4,752.15	3/4	4,422.56	3/4	4,091.87	3/4	3,761.17	3/4	3,430.48	3/4	3,099.79	3/4	2,769.10	3/4	2,438.36
2	2	2	5,073.28	2	4,745.30	2	4,415.67	2	4,084.98	2	3,754.28	2	3,423.59	2	3,092.90	2	2,762.21	2	2,431.47
1/4		1/4	5,066.48	1/4	4,738.45	1/4	4,408.78	1/4	4,078.09	1/4	3,747.40	1/4	3,416.70	1/4	3,086.01	1/4	2,755.32	1/4	2,424.58
1/2		1/2	5,059.69	1/2	4,731.60	1/2	4,401.89	1/2	4,071.20	1/2	3,740.51	1/2	3,409.81	1/2	3,079.12	1/2	2,748.43	1/2	2,417.68
3/4		3/4	5,052.89	3/4	4,724.75	3/4	4,395.00	3/4	4,064.31	3/4	3,733.62	3/4	3,402.93	3/4	3,072.23	3/4	2,741.54	3/4	2,410.79
3	3	3	5,046.09	3	4,717.90	3	4,388.11	3	4,057.42	3	3,726.73	3	3,396.04	3	3,065.34	3	2,734.65	3	2,403.89
1/4		1/4	5,039.30	1/4	4,711.05	1/4	4,381.22	1/4	4,050.53	1/4	3,719.84	1/4	3,389.15	1/4	3,058.46	1/4	2,727.76	1/4	2,397.00
1/2		1/2	5,032.50	1/2	4,704.20	1/2	4,374.33	1/2	4,043.64	1/2	3,712.95	1/2	3,382.26	1/2	3,051.57	1/2	2,720.87	1/2	2,390.11
3/4		3/4	5,025.71	3/4	4,697.35	3/4	4,367.44	3/4	4,036.75	3/4	3,706.06	3/4	3,375.37	3/4	3,044.68	3/4	2,713.99	3/4	2,383.21
4	4	4	5,018.91	4	4,690.50	4	4,360.55	4	4,029.86	4	3,699.17	4	3,368.48	4	3,037.79	4	2,707.10	4	2,376.32
1/4		1/4	5,012.11	1/4	4,683.65	1/4	4,353.66	1/4	4,022.97	1/4	3,692.28	1/4	3,361.59	1/4	3,030.90	1/4	2,700.21	1/4	2,369.42
1/2		1/2	5,005.32	1/2	4,676.80	1/2	4,346.77	1/2	4,016.08	1/2	3,685.39	1/2	3,354.70	1/2	3,024.01	1/2	2,693.32	1/2	2,362.53
3/4		3/4	4,998.53	3/4	4,669.95	3/4	4,339.88	3/4	4,009.19	3/4	3,678.50	3/4	3,347.81	3/4	3,017.12	3/4	2,686.43	3/4	2,355.64
5	5	5	4,991.73	5	4,663.10	5	4,332.99	5	4,002.30	5	3,671.61	5	3,340.92	5	3,010.23	5	2,679.54	5	2,348.74
1/4		1/4	4,984.92	1/4	4,656.24	1/4	4,326.10	1/4	3,995.41	1/4	3,664.72	1/4	3,334.03	1/4	3,003.34	1/4	2,672.65	1/4	2,341.85
1/2		1/2	4,978.11	1/2	4,649.39	1/2	4,319.22	1/2	3,988.52	1/2	3,657.83	1/2	3,327.14	1/2	2,996.45	1/2	2,665.76	1/2	2,334.95
3/4		3/4	4,971.31	3/4	4,642.54	3/4	4,312.33	3/4	3,981.63	3/4	3,650.94	3/4	3,320.25	3/4	2,989.56	3/4	2,658.87	3/4	2,328.06
6	6	6	4,964.50	6	4,635.69	6	4,305.44	6	3,974.75	6	3,644.05	6	3,313.36	6	2,982.67	6	2,651.98	6	2,321.16
1/4		1/4	4,957.65	1/4	4,628.84	1/4	4,298.55	1/4	3,967.86	1/4	3,637.16	1/4	3,306.47	1/4	2,975.78	1/4	2,645.09	1/4	2,314.27
1/2		1/2	4,950.80	1/2	4,621.99	1/2	4,291.66	1/2	3,960.97	1/2	3,630.28	1/2	3,299.58	1/2	2,968.89	1/2	2,638.20	1/2	2,307.38
3/4		3/4	4,943.95	3/4	4,615.14	3/4	4,284.77	3/4	3,954.08	3/4	3,623.39	3/4	3,292.69	3/4	2,962.00	3/4	2,631.31	3/4	2,300.48
7	7	7	4,937.10	7	4,608.29	7	4,277.88	7	3,947.19	7	3,616.50	7	3,285.81	7	2,955.11	7	2,624.42	7	2,293.59
1/4		1/4	4,930.25	1/4	4,601.44	1/4	4,270.99	1/4	3,940.30	1/4	3,609.61	1/4	3,278.92	1/4	2,948.22	1/4	2,617.53	1/4	2,286.69
1/2		1/2	4,923.40	1/2	4,594.59	1/2	4,264.10	1/2	3,933.41	1/2	3,602.72	1/2	3,272.03	1/2	2,941.34	1/2	2,610.64	1/2	2,279.80
3/4		3/4	4,916.55	3/4	4,587.74	3/4	4,257.21	3/4	3,926.52	3/4	3,595.83	3/4	3,265.14	3/4	2,934.45	3/4	2,603.75	3/4	2,272.91
8	8	8	4,909.70	8	4,580.89	8	4,250.32	8	3,919.63	8	3,588.94	8	3,258.25	8	2,927.56	8	2,596.87	8	2,266.01
1/4		1/4	4,902.85	1/4	4,574.03	1/4	4,243.43	1/4	3,912.74	1/4	3,582.05	1/4	3,251.36	1/4	2,920.67	1/4	2,589.98	1/4	2,259.12
1/2		1/2	4,896.00	1/2	4,567.17	1/2	4,236.54	1/2	3,905.85	1/2	3,575.16	1/2	3,244.47	1/2	2,913.78	1/2	2,583.09	1/2	2,252.22
3/4		3/4	4,889.15	3/4	4,560.31	3/4	4,229.65	3/4	3,898.96	3/4	3,568.27	3/4	3,237.58	3/4	2,906.89	3/4	2,576.20	3/4	2,245.33
9	9	9	4,882.30	9	4,553.46	9	4,222.76	9	3,892.07	9	3,561.38	9	3,230.69	9	2,900.00	9	2,569.31	9	2,238.44
1/4		1/4	4,875.45	1/4	4,546.57	1/4	4,215.87	1/4	3,885.18	1/4	3,554.49	1/4	3,223.80	1/4	2,893.11	1/4	2,562.42	1/4	2,231.54
1/2		1/2	4,868.60	1/2	4,539.68	1/2	4,208.99	1/2	3,878.29	1/2	3,547.60	1/2	3,216.91	1/2	2,886.22	1/2	2,555.53	1/2	2,224.65
3/4		3/4	4,861.75	3/4	4,532.79	3/4	4,202.10	3/4	3,871.40	3/4	3,540.71	3/4	3,210.02	3/4	2,879.33	3/4	2,548.64	3/4	2,217.75
10	10	10	4,854.90	10	4,525.90	10	4,195.21	10	3,864.52	10	3,533.82	10	3,203.13	10	2,872.44	10	2,541.75	10	2,210.86
1/4		1/4	4,848.05	1/4	4,519.01	1/4	4,188.32	1/4	3,857.63	1/4	3,526.93	1/4	3,196.24	1/4	2,865.55	1/4	2,534.86	1/4	2,203.96
1/2		1/2	4,841.20	1/2	4,512.12	1/2	4,181.43	1/2	3,850.74	1/2	3,520.05	1/2	3,189.35	1/2	2,858.66	1/2	2,527.97	1/2	2,197.07
3/4		3/4	4,834.35	3/4	4,505.23	3/4	4,174.54	3/4	3,843.85	3/4	3,513.16	3/4	3,182.46	3/4	2,851.77	3/4	2,521.09	3/4	2,190.18
11	11	11	4,827.50	11	4,498.34	11	4,167.65	11	3,836.96	11	3,506.27	11	3,175.58	11	2,844.88	11	2,514.20	11	2,183.28
1/4		1/4	4,820.65	1/4	4,491.45	1/4	4,160.76	1/4	3,830.07	1/4	3,499.38	1/4	3,168.69	1/4	2,837.99	1/4	2,507.31	1/4	2,176.39
1/2		1/2	4,813.80	1/2	4,484.56	1/2	4,153.87	1/2	3,823.18	1/2	3,492.49	1/2	3,161.80	1/2	2,831.11	1/2	2,500.41	1/2	2,169.49
3/4		3/4	4,806.95	3/4	4,477.67	3/4	4,146.98	3/4	3,816.29	3/4	3,485.60	3/4	3,154.91	3/4	2,824.22	3/4	2,493.52	3/4	2,162.60

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "CTCO 255"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	2,155.71	0	1,824.79	0	1,493.87	0	1,162.96	0	839.73	0	555.12	0	247.71	0		0		0	
1/4	2,148.81	1/4	1,817.90	1/4	1,486.98	1/4	1,156.06	1/4	833.44	1/4	548.86	1/4	241.13	1/4	1/4	1/4		1/4	1/4
1/2	2,141.92	1/2	1,811.00	1/2	1,480.08	1/2	1,149.17	1/2	827.15	1/2	542.61	1/2	234.54	1/2	1/2	1/2		1/2	1/2
3/4	2,135.02	3/4	1,804.11	3/4	1,473.19	3/4	1,142.27	3/4	820.86	3/4	536.36	3/4	227.96	3/4	3/4	3/4		3/4	3/4
1	2,128.13	1	1,797.21	1	1,466.30	1	1,135.38	1	814.57	1	530.10	1	221.38	1	1	1		1	1
1/4	2,121.24	1/4	1,790.32	1/4	1,459.40	1/4	1,128.49	1/4	808.99	1/4	523.82	1/4	214.76	1/4	1/4	1/4		1/4	1/4
1/2	2,114.34	1/2	1,783.42	1/2	1,452.51	1/2	1,121.59	1/2	803.41	1/2	517.54	1/2	208.15	1/2	1/2	1/2		1/2	1/2
3/4	2,107.45	3/4	1,776.53	3/4	1,445.61	3/4	1,114.70	3/4	797.82	3/4	511.26	3/4	201.54	3/4	3/4	3/4		3/4	3/4
2	2,100.55	2	1,769.64	2	1,438.72	2	1,107.80	2	792.24	2	504.98	2	194.93	2	2	2		2	2
1/4	2,093.66	1/4	1,762.74	1/4	1,431.83	1/4	1,100.91	1/4	786.63	1/4	498.67	1/4	188.29	1/4	1/4	1/4		1/4	1/4
1/2	2,086.77	1/2	1,755.85	1/2	1,424.93	1/2	1,094.01	1/2	781.02	1/2	492.36	1/2	181.65	1/2	1/2	1/2		1/2	1/2
3/4	2,079.87	3/4	1,748.95	3/4	1,418.04	3/4	1,087.12	3/4	775.41	3/4	486.05	3/4	175.01	3/4	3/4	3/4		3/4	3/4
3	2,072.98	3	1,742.06	3	1,411.14	3	1,080.23	3	769.80	3	479.74	3	168.37	3	3	3		3	3
1/4	2,066.08	1/4	1,735.17	1/4	1,404.25	1/4	1,073.33	1/4	764.16	1/4	473.41	1/4	161.71	1/4	1/4	1/4		1/4	1/4
1/2	2,059.19	1/2	1,728.27	1/2	1,397.36	1/2	1,066.44	1/2	758.52	1/2	467.07	1/2	155.04	1/2	1/2	1/2		1/2	1/2
3/4	2,052.29	3/4	1,721.38	3/4	1,390.46	3/4	1,059.54	3/4	752.88	3/4	460.74	3/4	148.38	3/4	3/4	3/4		3/4	3/4
4	2,045.40	4	1,714.48	4	1,383.57	4	1,052.65	4	747.24	4	454.40	4	141.71	4	4	4		4	4
1/4	2,038.51	1/4	1,707.59	1/4	1,376.67	1/4	1,045.76	1/4	741.58	1/4	448.04	1/4	135.02	1/4	1/4	1/4		1/4	1/4
1/2	2,031.61	1/2	1,700.70	1/2	1,369.78	1/2	1,038.86	1/2	735.91	1/2	441.67	1/2	128.33	1/2	1/2	1/2		1/2	1/2
3/4	2,024.72	3/4	1,693.80	3/4	1,362.88	3/4	1,031.97	3/4	730.24	3/4	435.31	3/4	121.64	3/4	3/4	3/4		3/4	3/4
5	2,017.82	5	1,686.91	5	1,355.99	5	1,025.07	5	724.58	5	428.95	5	114.95	5	5	5		5	5
1/4	2,010.93	1/4	1,680.01	1/4	1,349.10	1/4	1,018.18	1/4	718.88	1/4	422.56	1/4	108.24	1/4	1/4	1/4		1/4	1/4
1/2	2,004.04	1/2	1,673.12	1/2	1,342.20	1/2	1,011.29	1/2	713.19	1/2	416.16	1/2	101.54	1/2	1/2	1/2		1/2	1/2
3/4	1,997.14	3/4	1,666.23	3/4	1,335.31	3/4	1,004.39	3/4	707.49	3/4	409.77	3/4	94.83	3/4	3/4	3/4		3/4	3/4
6	1,990.25	6	1,659.33	6	1,328.41	6	997.50	6	701.80	6	403.38	6	88.13	6	6	6		6	6
1/4	1,983.35	1/4	1,652.44	1/4	1,321.52	1/4	990.69	1/4	695.98	1/4	396.96	1/4	81.58	1/4	1/4	1/4		1/4	1/4
1/2	1,976.46	1/2	1,645.54	1/2	1,314.63	1/2	983.89	1/2	690.16	1/2	390.55	1/2	75.03	1/2	1/2	1/2		1/2	1/2
3/4	1,969.57	3/4	1,638.65	3/4	1,307.73	3/4	977.09	3/4	684.35	3/4	384.13	3/4	68.48	3/4	3/4	3/4		3/4	3/4
7	1,962.67	7	1,631.75	7	1,300.84	7	970.28	7	678.53	7	377.71	7	61.93	7	7	7		7	7
1/4	1,955.78	1/4	1,624.86	1/4	1,293.94	1/4	963.75	1/4	672.41	1/4	371.26	1/4	56.19	1/4	1/4	1/4		1/4	1/4
1/2	1,948.88	1/2	1,617.97	1/2	1,287.05	1/2	957.22	1/2	666.30	1/2	364.82	1/2	50.45	1/2	1/2	1/2		1/2	1/2
3/4	1,941.99	3/4	1,611.07	3/4	1,280.16	3/4	950.69	3/4	660.18	3/4	358.37	3/4	44.71	3/4	3/4	3/4		3/4	3/4
8	1,935.10	8	1,604.18	8	1,273.26	8	944.16	8	654.07	8	351.93	8	38.97	8	8	8		8	8
1/4	1,928.20	1/4	1,597.28	1/4	1,266.37	1/4	937.63	1/4	647.92	1/4	345.46	1/4	34.58	1/4	1/4	1/4		1/4	1/4
1/2	1,921.31	1/2	1,590.39	1/2	1,259.47	1/2	931.10	1/2	641.78	1/2	338.99	1/2	30.19	1/2	1/2	1/2		1/2	1/2
3/4	1,914.41	3/4	1,583.50	3/4	1,252.58	3/4	924.58	3/4	635.64	3/4	332.52	3/4	25.79	3/4	3/4	3/4		3/4	3/4
9	1,907.52	9	1,576.60	9	1,245.69	9	918.05	9	629.49	9	326.05	9	21.40	9	9	9		9	9
1/4	1,900.62	1/4	1,569.71	1/4	1,238.79	1/4	911.52	1/4	623.32	1/4	319.55	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,893.73	1/2	1,562.81	1/2	1,231.90	1/2	905.00	1/2	617.15	1/2	313.05	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,886.84	3/4	1,555.92	3/4	1,225.00	3/4	898.47	3/4	610.98	3/4	306.55	3/4		3/4	3/4	3/4		3/4	3/4
10	1,879.94	10	1,549.03	10	1,218.11	10	891.94	10	604.81	10	300.05	10		10	10	10		10	10
1/4	1,873.05	1/4	1,542.13	1/4	1,211.21	1/4	885.42	1/4	598.61	1/4	293.52	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,866.15	1/2	1,535.24	1/2	1,204.32	1/2	878.89	1/2	592.42	1/2	286.99	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,859.26	3/4	1,528.34	3/4	1,197.43	3/4	872.36	3/4	586.22	3/4	280.46	3/4		3/4	3/4	3/4		3/4	3/4
11	1,852.37	11	1,521.45	11	1,190.53	11	865.84	11	580.02	11	273.94	11		11	11	11		11	11
1/4	1,845.47	1/4	1,514.55	1/4	1,183.64	1/4	859.31	1/4	573.79	1/4	267.38	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,838.58	1/2	1,507.66	1/2	1,176.74	1/2	852.78	1/2	567.57	1/2	260.82	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,831.68	3/4	1,500.77	3/4	1,169.85	3/4	846.26	3/4	561.34	3/4	254.27	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW  
CALCULATED: 10/18/2013 CL  
PRINTED: 10/19/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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



# BARGE "CTCO 255"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 3/4"

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		0		0	4,438.62	0	4,228.62	0	4,006.40	0	3,779.16	0	3,539.19	0	3,210.08	0	2,880.98	0	2,551.85
1/4		1/4	4,627.57	1/4	4,434.37	1/4	4,224.10	1/4	4,001.66	1/4	3,774.42	1/4	3,532.33	1/4	3,203.23	1/4	2,874.13	1/4	2,544.99
1/2		1/2	4,624.78	1/2	4,430.11	1/2	4,219.58	1/2	3,996.93	1/2	3,769.69	1/2	3,525.47	1/2	3,196.37	1/2	2,867.27	1/2	2,538.13
3/4		3/4	4,621.99	3/4	4,425.86	3/4	4,215.06	3/4	3,992.19	3/4	3,764.95	3/4	3,518.62	3/4	3,189.52	3/4	2,860.41	3/4	2,531.27
1		1	4,618.51	1	4,421.58	1	4,210.52	1	3,987.46	1	3,760.22	1	3,511.76	1	3,182.66	1	2,853.56	1	2,524.41
1/4		1/4	4,615.03	1/4	4,417.31	1/4	4,205.98	1/4	3,982.73	1/4	3,755.48	1/4	3,504.91	1/4	3,175.80	1/4	2,846.70	1/4	2,517.55
1/2		1/2	4,611.56	1/2	4,413.04	1/2	4,201.44	1/2	3,977.99	1/2	3,750.75	1/2	3,498.05	1/2	3,168.95	1/2	2,839.84	1/2	2,510.69
3/4		3/4	4,608.08	3/4	4,408.76	3/4	4,196.90	3/4	3,973.26	3/4	3,746.02	3/4	3,491.19	3/4	3,162.09	3/4	2,832.99	3/4	2,503.83
2		2	4,604.07	2	4,404.47	2	4,192.34	2	3,968.52	2	3,741.28	2	3,484.34	2	3,155.23	2	2,826.13	2	2,496.97
1/4		1/4	4,600.05	1/4	4,400.18	1/4	4,187.78	1/4	3,963.79	1/4	3,736.55	1/4	3,477.48	1/4	3,148.38	1/4	2,819.28	1/4	2,490.10
1/2		1/2	4,596.04	1/2	4,395.89	1/2	4,183.22	1/2	3,959.05	1/2	3,731.81	1/2	3,470.62	1/2	3,141.52	1/2	2,812.42	1/2	2,483.24
3/4		3/4	4,592.03	3/4	4,391.59	3/4	4,178.66	3/4	3,954.32	3/4	3,727.08	3/4	3,463.77	3/4	3,134.67	3/4	2,805.56	3/4	2,476.38
3		3	4,588.00	3	4,387.28	3	4,174.08	3	3,949.59	3	3,722.34	3	3,456.91	3	3,127.81	3	2,798.71	3	2,469.52
1/4		1/4	4,583.97	1/4	4,382.97	1/4	4,169.51	1/4	3,944.85	1/4	3,717.61	1/4	3,450.06	1/4	3,120.95	1/4	2,791.85	1/4	2,462.66
1/2		1/2	4,579.94	1/2	4,378.66	1/2	4,164.93	1/2	3,940.12	1/2	3,712.88	1/2	3,443.20	1/2	3,114.10	1/2	2,784.99	1/2	2,455.80
3/4		3/4	4,575.91	3/4	4,374.35	3/4	4,160.35	3/4	3,935.38	3/4	3,708.14	3/4	3,436.34	3/4	3,107.24	3/4	2,778.14	3/4	2,448.94
4		4	4,571.86	4	4,370.02	4	4,155.75	4	3,930.65	4	3,703.41	4	3,429.49	4	3,100.38	4	2,771.28	4	2,442.08
1/4		1/4	4,567.81	1/4	4,365.69	1/4	4,151.16	1/4	3,925.92	1/4	3,698.67	1/4	3,422.63	1/4	3,093.53	1/4	2,764.43	1/4	2,435.22
1/2		1/2	4,563.77	1/2	4,361.36	1/2	4,146.56	1/2	3,921.18	1/2	3,693.94	1/2	3,415.77	1/2	3,086.67	1/2	2,757.57	1/2	2,428.36
3/4		3/4	4,559.72	3/4	4,357.03	3/4	4,141.96	3/4	3,916.45	3/4	3,689.21	3/4	3,408.92	3/4	3,079.82	3/4	2,750.71	3/4	2,421.50
5		5	4,555.64	5	4,352.68	5	4,137.35	5	3,911.71	5	3,684.47	5	3,402.06	5	3,072.96	5	2,743.86	5	2,414.63
1/4		1/4	4,551.56	1/4	4,348.33	1/4	4,132.73	1/4	3,906.98	1/4	3,679.74	1/4	3,395.20	1/4	3,066.10	1/4	2,737.00	1/4	2,407.77
1/2		1/2	4,547.48	1/2	4,343.98	1/2	4,128.11	1/2	3,902.24	1/2	3,675.00	1/2	3,388.35	1/2	3,059.25	1/2	2,730.14	1/2	2,400.91
3/4		3/4	4,543.40	3/4	4,339.63	3/4	4,123.50	3/4	3,897.51	3/4	3,670.27	3/4	3,381.49	3/4	3,052.39	3/4	2,723.29	3/4	2,394.05
6		6	4,539.26	6	4,335.26	6	4,118.86	6	3,892.78	6	3,665.53	6	3,374.64	6	3,045.53	6	2,716.43	6	2,387.19
1/4		1/4	4,535.11	1/4	4,330.89	1/4	4,114.23	1/4	3,888.04	1/4	3,660.80	1/4	3,367.78	1/4	3,038.68	1/4	2,709.57	1/4	2,380.33
1/2		1/2	4,530.97	1/2	4,326.52	1/2	4,109.59	1/2	3,883.31	1/2	3,656.07	1/2	3,360.92	1/2	3,031.82	1/2	2,702.72	1/2	2,373.47
3/4		3/4	4,526.83	3/4	4,322.16	3/4	4,104.96	3/4	3,878.57	3/4	3,651.33	3/4	3,354.07	3/4	3,024.96	3/4	2,695.86	3/4	2,366.61
7		7	4,522.67	7	4,317.77	7	4,100.31	7	3,873.84	7	3,646.60	7	3,347.21	7	3,018.11	7	2,689.01	7	2,359.75
1/4		1/4	4,518.51	1/4	4,313.38	1/4	4,095.65	1/4	3,869.11	1/4	3,641.86	1/4	3,340.35	1/4	3,011.25	1/4	2,682.15	1/4	2,352.89
1/2		1/2	4,514.35	1/2	4,309.00	1/2	4,091.00	1/2	3,864.37	1/2	3,637.13	1/2	3,333.50	1/2	3,004.40	1/2	2,675.29	1/2	2,346.03
3/4		3/4	4,510.19	3/4	4,304.61	3/4	4,086.35	3/4	3,859.64	3/4	3,632.40	3/4	3,326.64	3/4	2,997.54	3/4	2,668.44	3/4	2,339.16
8		8	4,506.01	8	4,300.19	8	4,081.67	8	3,854.90	8	3,627.66	8	3,319.79	8	2,990.68	8	2,661.58	8	2,332.30
1/4		1/4	4,501.83	1/4	4,295.78	1/4	4,077.00	1/4	3,850.17	1/4	3,622.93	1/4	3,312.93	1/4	2,983.83	1/4	2,654.72	1/4	2,325.44
1/2		1/2	4,497.66	1/2	4,291.36	1/2	4,072.33	1/2	3,845.43	1/2	3,618.19	1/2	3,306.07	1/2	2,976.97	1/2	2,647.87	1/2	2,318.58
3/4		3/4	4,493.48	3/4	4,286.94	3/4	4,067.65	3/4	3,840.70	3/4	3,613.46	3/4	3,299.22	3/4	2,970.11	3/4	2,641.01	3/4	2,311.72
9		9	4,489.28	9	4,282.48	9	4,062.96	9	3,835.97	9	3,608.72	9	3,292.36	9	2,963.26	9	2,634.16	9	2,304.86
1/4		1/4	4,485.08	1/4	4,278.02	1/4	4,058.27	1/4	3,831.23	1/4	3,603.99	1/4	3,285.50	1/4	2,956.40	1/4	2,627.30	1/4	2,298.00
1/2		1/2	4,480.88	1/2	4,273.55	1/2	4,053.58	1/2	3,826.50	1/2	3,599.26	1/2	3,278.65	1/2	2,949.55	1/2	2,620.44	1/2	2,291.14
3/4		3/4	4,476.69	3/4	4,269.09	3/4	4,048.89	3/4	3,821.76	3/4	3,594.52	3/4	3,271.79	3/4	2,942.69	3/4	2,613.59	3/4	2,284.28
10		10	4,472.47	10	4,264.60	10	4,044.18	10	3,817.03	10	3,589.26	10	3,264.94	10	2,935.83	10	2,606.73	10	2,277.42
1/4		1/4	4,468.25	1/4	4,260.12	1/4	4,039.47	1/4	3,812.29	1/4	3,584.00	1/4	3,258.08	1/4	2,928.98	1/4	2,599.87	1/4	2,270.56
1/2		1/2	4,464.04	1/2	4,255.64	1/2	4,034.76	1/2	3,807.56	1/2	3,578.73	1/2	3,251.22	1/2	2,922.12	1/2	2,593.01	1/2	2,263.69
3/4		3/4	4,459.82	3/4	4,251.15	3/4	4,030.05	3/4	3,802.83	3/4	3,573.47	3/4	3,244.37	3/4	2,915.26	3/4	2,586.16	3/4	2,256.83
11		11	4,455.58	11	4,246.65	11	4,025.32	11	3,798.09	11	3,566.61	11	3,237.51	11	2,908.41	11	2,579.30	11	2,249.97
1/4		1/4	4,451.35	1/4	4,242.15	1/4	4,020.59	1/4	3,793.36	1/4	3,559.76	1/4	3,230.65	1/4	2,901.55	1/4	2,572.44	1/4	2,243.11
1/2		1/2	4,447.11	1/2	4,237.65	1/2	4,015.86	1/2	3,788.62	1/2	3,552.90	1/2	3,223.80	1/2	2,894.69	1/2	2,565.57	1/2	2,236.25
3/4		3/4	4,442.88	3/4	4,233.14	3/4	4,011.13	3/4	3,783.89	3/4	3,546.04	3/4	3,216.94	3/4	2,887.84	3/4	2,558.71	3/4	2,229.39

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "CTCO 255"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,222.53	0	1,893.32	0	1,564.00	0	1,234.68	0	905.57	0	576.52	0	247.24	0		0		0	
1/4	2,215.67	1/4	1,886.46	1/4	1,557.14	1/4	1,227.82	1/4	898.72	1/4	569.66	1/4	240.38	1/4	1/4		1/4		1/4
1/2	2,208.81	1/2	1,879.60	1/2	1,550.28	1/2	1,220.96	1/2	891.87	1/2	562.80	1/2	233.52	1/2	1/2		1/2		1/2
3/4	2,201.95	3/4	1,872.74	3/4	1,543.42	3/4	1,214.10	3/4	885.03	3/4	555.94	3/4	226.66	3/4	3/4		3/4		3/4
1	2,195.09	1	1,865.88	1	1,536.56	1	1,207.23	1	878.18	1	549.08	1	219.80	1	1		1		1
1/4	2,188.22	1/4	1,859.02	1/4	1,529.70	1/4	1,200.37	1/4	871.33	1/4	542.22	1/4	212.93	1/4	1/4		1/4		1/4
1/2	2,181.36	1/2	1,852.16	1/2	1,522.84	1/2	1,193.51	1/2	864.48	1/2	535.35	1/2	206.07	1/2	1/2		1/2		1/2
3/4	2,174.50	3/4	1,845.30	3/4	1,515.98	3/4	1,186.65	3/4	857.63	3/4	528.49	3/4	199.21	3/4	3/4		3/4		3/4
2	2,167.64	2	1,838.44	2	1,509.11	2	1,179.79	2	850.78	2	521.63	2	192.35	2	2		2		2
1/4	2,160.78	1/4	1,831.58	1/4	1,502.25	1/4	1,172.93	1/4	843.93	1/4	514.77	1/4	185.49	1/4	1/4		1/4		1/4
1/2	2,153.92	1/2	1,824.72	1/2	1,495.39	1/2	1,166.07	1/2	837.08	1/2	507.91	1/2	178.63	1/2	1/2		1/2		1/2
3/4	2,147.06	3/4	1,817.86	3/4	1,488.53	3/4	1,159.21	3/4	830.23	3/4	501.05	3/4	171.77	3/4	3/4		3/4		3/4
3	2,140.20	3	1,810.99	3	1,481.67	3	1,152.35	3	823.38	3	494.19	3	164.91	3	3		3		3
1/4	2,133.34	1/4	1,804.13	1/4	1,474.81	1/4	1,145.49	1/4	816.54	1/4	487.33	1/4	158.05	1/4	1/4		1/4		1/4
1/2	2,126.48	1/2	1,797.27	1/2	1,467.95	1/2	1,138.63	1/2	809.69	1/2	480.47	1/2	151.19	1/2	1/2		1/2		1/2
3/4	2,119.62	3/4	1,790.41	3/4	1,461.09	3/4	1,131.77	3/4	802.84	3/4	473.61	3/4	144.33	3/4	3/4		3/4		3/4
4	2,112.76	4	1,783.55	4	1,454.23	4	1,124.90	4	795.99	4	466.75	4	137.47	4	4		4		4
1/4	2,105.90	1/4	1,776.69	1/4	1,447.37	1/4	1,118.04	1/4	789.14	1/4	459.89	1/4	130.62	1/4	1/4		1/4		1/4
1/2	2,099.04	1/2	1,769.83	1/2	1,440.51	1/2	1,111.18	1/2	782.29	1/2	453.03	1/2	123.76	1/2	1/2		1/2		1/2
3/4	2,092.18	3/4	1,762.97	3/4	1,433.64	3/4	1,104.32	3/4	775.44	3/4	446.17	3/4	116.90	3/4	3/4		3/4		3/4
5	2,085.32	5	1,756.11	5	1,426.78	5	1,097.46	5	768.59	5	439.31	5	110.06	5	5		5		5
1/4	2,078.46	1/4	1,749.25	1/4	1,419.92	1/4	1,090.60	1/4	761.74	1/4	432.45	1/4	103.21	1/4	1/4		1/4		1/4
1/2	2,071.60	1/2	1,742.39	1/2	1,413.06	1/2	1,083.74	1/2	754.89	1/2	425.59	1/2	96.37	1/2	1/2		1/2		1/2
3/4	2,064.75	3/4	1,735.52	3/4	1,406.20	3/4	1,076.88	3/4	748.03	3/4	418.72	3/4	89.53	3/4	3/4		3/4		3/4
6	2,057.89	6	1,728.66	6	1,399.34	6	1,070.02	6	741.17	6	411.86	6	82.86	6	6		6		6
1/4	2,051.03	1/4	1,721.80	1/4	1,392.48	1/4	1,063.16	1/4	734.31	1/4	405.00	1/4	76.20	1/4	1/4		1/4		1/4
1/2	2,044.18	1/2	1,714.94	1/2	1,385.62	1/2	1,056.30	1/2	727.45	1/2	398.14	1/2	69.54	1/2	1/2		1/2		1/2
3/4	2,037.32	3/4	1,708.08	3/4	1,378.76	3/4	1,049.43	3/4	720.59	3/4	391.28	3/4	62.88	3/4	3/4		3/4		3/4
7	2,030.46	7	1,701.22	7	1,371.90	7	1,042.58	7	713.73	7	384.42	7	57.05	7	7		7		7
1/4	2,023.60	1/4	1,694.36	1/4	1,365.04	1/4	1,035.72	1/4	706.87	1/4	377.56	1/4	51.22	1/4	1/4		1/4		1/4
1/2	2,016.75	1/2	1,687.50	1/2	1,358.17	1/2	1,028.86	1/2	700.01	1/2	370.70	1/2	45.39	1/2	1/2		1/2		1/2
3/4	2,009.89	3/4	1,680.64	3/4	1,351.31	3/4	1,022.01	3/4	693.15	3/4	363.84	3/4	39.56	3/4	3/4		3/4		3/4
8	2,003.03	8	1,673.78	8	1,344.45	8	1,015.16	8	686.29	8	356.99	8	35.10	8	8		8		8
1/4	1,996.18	1/4	1,666.92	1/4	1,337.59	1/4	1,008.31	1/4	679.43	1/4	350.13	1/4	30.64	1/4	1/4		1/4		1/4
1/2	1,989.32	1/2	1,660.05	1/2	1,330.73	1/2	1,001.46	1/2	672.57	1/2	343.27	1/2	26.18	1/2	1/2		1/2		1/2
3/4	1,982.46	3/4	1,653.19	3/4	1,323.87	3/4	994.61	3/4	665.71	3/4	336.41	3/4	21.73	3/4	3/4		3/4		3/4
9	1,975.60	9	1,646.33	9	1,317.01	9	987.76	9	658.85	9	329.56	9		9	9		9		9
1/4	1,968.75	1/4	1,639.47	1/4	1,310.15	1/4	980.91	1/4	651.99	1/4	322.70	1/4		1/4	1/4		1/4		1/4
1/2	1,961.89	1/2	1,632.61	1/2	1,303.29	1/2	974.06	1/2	645.12	1/2	315.84	1/2		1/2	1/2		1/2		1/2
3/4	1,955.03	3/4	1,625.75	3/4	1,296.43	3/4	967.21	3/4	638.26	3/4	308.98	3/4		3/4	3/4		3/4		3/4
10	1,948.18	10	1,618.89	10	1,289.57	10	960.36	10	631.40	10	302.12	10		10	10		10		10
1/4	1,941.32	1/4	1,612.03	1/4	1,282.70	1/4	953.52	1/4	624.54	1/4	295.26	1/4		1/4	1/4		1/4		1/4
1/2	1,934.46	1/2	1,605.17	1/2	1,275.84	1/2	946.67	1/2	617.68	1/2	288.40	1/2		1/2	1/2		1/2		1/2
3/4	1,927.60	3/4	1,598.31	3/4	1,268.98	3/4	939.82	3/4	610.82	3/4	281.54	3/4		3/4	3/4		3/4		3/4
11	1,920.75	11	1,591.45	11	1,262.12	11	932.97	11	603.96	11	274.68	11		11	11		11		11
1/4	1,913.89	1/4	1,584.58	1/4	1,255.26	1/4	926.12	1/4	597.10	1/4	267.82	1/4		1/4	1/4		1/4		1/4
1/2	1,907.03	1/2	1,577.72	1/2	1,248.40	1/2	919.27	1/2	590.24	1/2	260.96	1/2		1/2	1/2		1/2		1/2
3/4	1,900.17	3/4	1,570.86	3/4	1,241.54	3/4	912.42	3/4	583.38	3/4	254.10	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW  
CALCULATED: 10/18/2013 CL  
PRINTED: 10/19/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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



# BARGE "CTCO 255"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	
0		0		0	4,418.04	0	4,208.30	0	3,986.29	0	3,759.05	0	3,521.20	0	3,192.74	0	2,865.26	0	2,536.88
1/4		1/4		1/4	4,413.78	1/4	4,203.78	1/4	3,981.56	1/4	3,754.32	1/4	3,514.34	1/4	3,185.90	1/4	2,858.41	1/4	2,530.03
1/2		1/2	4,602.73	1/2	4,409.53	1/2	4,199.26	1/2	3,976.82	1/2	3,749.58	1/2	3,507.48	1/2	3,179.06	1/2	2,851.57	1/2	2,523.19
3/4		3/4	4,599.94	3/4	4,405.27	3/4	4,194.74	3/4	3,972.09	3/4	3,744.85	3/4	3,500.63	3/4	3,172.22	3/4	2,844.73	3/4	2,516.34
1		1	4,597.15	1	4,401.02	1	4,190.22	1	3,967.35	1	3,740.11	1	3,493.77	1	3,165.38	1	2,837.89	1	2,509.50
1/4		1/4	4,593.67	1/4	4,396.74	1/4	4,185.68	1/4	3,962.62	1/4	3,735.38	1/4	3,486.92	1/4	3,158.53	1/4	2,831.05	1/4	2,502.65
1/2		1/2	4,590.19	1/2	4,392.47	1/2	4,181.14	1/2	3,957.89	1/2	3,730.64	1/2	3,480.07	1/2	3,151.69	1/2	2,824.21	1/2	2,495.81
3/4		3/4	4,586.71	3/4	4,388.20	3/4	4,176.60	3/4	3,953.15	3/4	3,725.91	3/4	3,473.22	3/4	3,144.85	3/4	2,817.37	3/4	2,488.96
2		2	4,583.24	2	4,383.92	2	4,172.06	2	3,948.42	2	3,721.18	2	3,466.37	2	3,138.01	2	2,810.53	2	2,482.12
1/4		1/4	4,579.23	1/4	4,379.63	1/4	4,167.50	1/4	3,943.68	1/4	3,716.44	1/4	3,459.53	1/4	3,131.18	1/4	2,803.69	1/4	2,475.27
1/2		1/2	4,575.21	1/2	4,375.34	1/2	4,162.94	1/2	3,938.95	1/2	3,711.71	1/2	3,452.68	1/2	3,124.35	1/2	2,796.85	1/2	2,468.43
3/4		3/4	4,571.20	3/4	4,371.05	3/4	4,158.38	3/4	3,934.21	3/4	3,706.97	3/4	3,445.84	3/4	3,117.52	3/4	2,790.01	3/4	2,461.58
3		3	4,567.19	3	4,366.75	3	4,153.82	3	3,929.48	3	3,702.24	3	3,439.00	3	3,110.69	3	2,783.17	3	2,454.74
1/4		1/4	4,563.16	1/4	4,362.44	1/4	4,149.24	1/4	3,924.75	1/4	3,697.50	1/4	3,432.16	1/4	3,103.88	1/4	2,776.33	1/4	2,447.89
1/2		1/2	4,559.13	1/2	4,358.13	1/2	4,144.67	1/2	3,920.01	1/2	3,692.77	1/2	3,425.32	1/2	3,097.08	1/2	2,769.49	1/2	2,441.05
3/4		3/4	4,555.10	3/4	4,353.82	3/4	4,140.09	3/4	3,915.28	3/4	3,688.04	3/4	3,418.48	3/4	3,090.27	3/4	2,762.64	3/4	2,434.20
4		4	4,551.07	4	4,349.51	4	4,135.51	4	3,910.54	4	3,683.30	4	3,411.64	4	3,083.47	4	2,755.80	4	2,427.35
1/4		1/4	4,547.02	1/4	4,345.18	1/4	4,130.91	1/4	3,905.81	1/4	3,678.57	1/4	3,404.80	1/4	3,076.66	1/4	2,748.96	1/4	2,420.51
1/2		1/2	4,542.97	1/2	4,340.85	1/2	4,126.32	1/2	3,901.08	1/2	3,673.83	1/2	3,397.96	1/2	3,069.86	1/2	2,742.12	1/2	2,413.66
3/4		3/4	4,538.93	3/4	4,336.52	3/4	4,121.72	3/4	3,896.34	3/4	3,669.10	3/4	3,391.12	3/4	3,063.05	3/4	2,735.28	3/4	2,406.82
5		5	4,534.88	5	4,332.19	5	4,117.12	5	3,891.61	5	3,664.37	5	3,384.28	5	3,056.25	5	2,728.44	5	2,399.97
1/4		1/4	4,530.80	1/4	4,327.84	1/4	4,112.51	1/4	3,886.87	1/4	3,659.63	1/4	3,377.44	1/4	3,049.44	1/4	2,721.60	1/4	2,393.13
1/2		1/2	4,526.72	1/2	4,323.49	1/2	4,107.89	1/2	3,882.14	1/2	3,654.90	1/2	3,370.60	1/2	3,042.64	1/2	2,714.76	1/2	2,386.28
3/4		3/4	4,522.64	3/4	4,319.14	3/4	4,103.28	3/4	3,877.40	3/4	3,650.16	3/4	3,363.76	3/4	3,035.84	3/4	2,707.92	3/4	2,379.44
6		6	4,518.56	6	4,314.79	6	4,098.66	6	3,872.67	6	3,645.43	6	3,356.91	6	3,029.03	6	2,701.08	6	2,372.59
1/4		1/4	4,514.42	1/4	4,310.42	1/4	4,094.02	1/4	3,867.94	1/4	3,640.69	1/4	3,350.07	1/4	3,022.23	1/4	2,694.24	1/4	2,365.75
1/2		1/2	4,510.27	1/2	4,306.05	1/2	4,089.39	1/2	3,863.20	1/2	3,635.96	1/2	3,343.23	1/2	3,015.42	1/2	2,687.40	1/2	2,358.90
3/4		3/4	4,506.13	3/4	4,301.69	3/4	4,084.75	3/4	3,858.47	3/4	3,631.23	3/4	3,336.39	3/4	3,008.62	3/4	2,680.56	3/4	2,352.06
7		7	4,501.99	7	4,297.32	7	4,080.12	7	3,853.73	7	3,626.49	7	3,329.55	7	3,001.81	7	2,673.72	7	2,345.21
1/4		1/4	4,497.83	1/4	4,292.93	1/4	4,075.47	1/4	3,849.00	1/4	3,621.76	1/4	3,322.71	1/4	2,995.01	1/4	2,666.88	1/4	2,338.37
1/2		1/2	4,493.67	1/2	4,288.54	1/2	4,070.81	1/2	3,844.27	1/2	3,617.02	1/2	3,315.87	1/2	2,988.20	1/2	2,660.03	1/2	2,331.52
3/4		3/4	4,489.51	3/4	4,284.16	3/4	4,066.16	3/4	3,839.53	3/4	3,612.29	3/4	3,309.03	3/4	2,981.40	3/4	2,653.19	3/4	2,324.68
8		8	4,485.35	8	4,279.77	8	4,061.50	8	3,834.80	8	3,607.56	8	3,302.19	8	2,974.60	8	2,646.35	8	2,317.83
1/4		1/4	4,481.17	1/4	4,275.35	1/4	4,056.83	1/4	3,830.06	1/4	3,602.82	1/4	3,295.35	1/4	2,967.78	1/4	2,639.51	1/4	2,310.98
1/2		1/2	4,477.00	1/2	4,270.94	1/2	4,052.16	1/2	3,825.33	1/2	3,598.09	1/2	3,288.51	1/2	2,960.97	1/2	2,632.67	1/2	2,304.14
3/4		3/4	4,472.82	3/4	4,266.52	3/4	4,047.49	3/4	3,820.59	3/4	3,593.35	3/4	3,281.67	3/4	2,954.16	3/4	2,625.83	3/4	2,297.29
9		9	4,468.64	9	4,262.10	9	4,042.81	9	3,815.86	9	3,588.62	9	3,274.83	9	2,947.34	9	2,618.99	9	2,290.45
1/4		1/4	4,464.44	1/4	4,257.64	1/4	4,038.12	1/4	3,811.13	1/4	3,583.88	1/4	3,267.99	1/4	2,940.50	1/4	2,612.15	1/4	2,283.60
1/2		1/2	4,460.24	1/2	4,253.18	1/2	4,033.43	1/2	3,806.39	1/2	3,579.15	1/2	3,261.14	1/2	2,933.66	1/2	2,605.31	1/2	2,276.76
3/4		3/4	4,456.04	3/4	4,248.71	3/4	4,028.74	3/4	3,801.66	3/4	3,574.42	3/4	3,254.30	3/4	2,926.82	3/4	2,598.47	3/4	2,269.91
10		10	4,451.85	10	4,244.25	10	4,024.05	10	3,796.92	10	3,569.68	10	3,247.46	10	2,919.98	10	2,591.63	10	2,263.07
1/4		1/4	4,447.63	1/4	4,239.76	1/4	4,019.34	1/4	3,792.19	1/4	3,564.42	1/4	3,240.62	1/4	2,913.14	1/4	2,584.79	1/4	2,256.22
1/2		1/2	4,443.41	1/2	4,235.28	1/2	4,014.63	1/2	3,787.45	1/2	3,559.15	1/2	3,233.78	1/2	2,906.30	1/2	2,577.94	1/2	2,249.38
3/4		3/4	4,439.20	3/4	4,230.80	3/4	4,009.92	3/4	3,782.72	3/4	3,553.89	3/4	3,226.94	3/4	2,899.46	3/4	2,571.10	3/4	2,242.53
11		11	4,434.98	11	4,226.31	11	4,005.21	11	3,777.99	11	3,548.62	11	3,220.10	11	2,892.62	11	2,564.26	11	2,235.69
1/4		1/4	4,430.74	1/4	4,221.81	1/4	4,000.48	1/4	3,773.25	1/4	3,541.77	1/4	3,213.26	1/4	2,885.78	1/4	2,557.42	1/4	2,228.84
1/2		1/2	4,426.51	1/2	4,217.31	1/2	3,995.75	1/2	3,768.52	1/2	3,534.91	1/2	3,206.42	1/2	2,878.94	1/2	2,550.57	1/2	2,222.00
3/4		3/4	4,422.27	3/4	4,212.81	3/4	3,991.02	3/4	3,763.78	3/4	3,528.05	3/4	3,199.58	3/4	2,872.10	3/4	2,543.73	3/4	2,215.15

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTCO 255"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	2,201.46	1/4	1,873.02	1/4	1,544.67	1/4	1,216.33	1/4	895.97	1/4	576.32	1/4	247.26	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,194.61	1/2	1,866.17	1/2	1,537.83	1/2	1,209.49	1/2	889.46	1/2	569.47	1/2	240.40	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,187.77	3/4	1,859.33	3/4	1,530.99	3/4	1,202.65	3/4	882.96	3/4	562.62	3/4	233.54	3/4	3/4	3/4	3/4	3/4	3/4
1	2,180.92	1	1,852.49	1	1,524.15	1	1,195.81	1	876.45	1	555.77	1	226.68	1	1	1	1	1	1
1/4	2,174.08	1/4	1,845.65	1/4	1,517.31	1/4	1,188.97	1/4	869.94	1/4	548.92	1/4	219.82	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,167.23	1/2	1,838.81	1/2	1,510.47	1/2	1,182.12	1/2	863.44	1/2	542.07	1/2	212.96	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,160.39	3/4	1,831.97	3/4	1,503.63	3/4	1,175.28	3/4	856.93	3/4	535.22	3/4	206.10	3/4	3/4	3/4	3/4	3/4	3/4
2	2,153.54	2	1,825.13	2	1,496.79	2	1,168.44	2	850.43	2	528.37	2	199.24	2	2	2	2	2	2
1/4	2,146.70	1/4	1,818.29	1/4	1,489.95	1/4	1,161.61	1/4	843.92	1/4	521.52	1/4	192.37	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,139.85	1/2	1,811.45	1/2	1,483.11	1/2	1,154.77	1/2	837.41	1/2	514.67	1/2	185.51	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,133.01	3/4	1,804.61	3/4	1,476.27	3/4	1,147.93	3/4	830.91	3/4	507.82	3/4	178.65	3/4	3/4	3/4	3/4	3/4	3/4
3	2,126.16	3	1,797.77	3	1,469.43	3	1,141.10	3	824.40	3	500.97	3	171.79	3	3	3	3	3	3
1/4	2,119.32	1/4	1,790.93	1/4	1,462.59	1/4	1,134.27	1/4	817.90	1/4	494.13	1/4	164.93	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,112.47	1/2	1,784.09	1/2	1,455.74	1/2	1,127.44	1/2	811.39	1/2	487.28	1/2	158.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,105.63	3/4	1,777.25	3/4	1,448.90	3/4	1,120.62	3/4	804.88	3/4	480.43	3/4	151.21	3/4	3/4	3/4	3/4	3/4	3/4
4	2,098.78	4	1,770.41	4	1,442.06	4	1,113.79	4	798.38	4	473.58	4	144.35	4	4	4	4	4	4
1/4	2,091.94	1/4	1,763.57	1/4	1,435.22	1/4	1,106.96	1/4	791.87	1/4	466.73	1/4	137.49	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,085.09	1/2	1,756.73	1/2	1,428.38	1/2	1,100.13	1/2	785.37	1/2	459.88	1/2	130.63	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,078.24	3/4	1,749.89	3/4	1,421.54	3/4	1,093.31	3/4	778.86	3/4	453.03	3/4	123.78	3/4	3/4	3/4	3/4	3/4	3/4
5	2,071.40	5	1,743.05	5	1,414.70	5	1,086.48	5	772.35	5	446.18	5	116.92	5	5	5	5	5	5
1/4	2,064.56	1/4	1,736.21	1/4	1,407.86	1/4	1,079.66	1/4	765.85	1/4	439.32	1/4	110.08	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,057.71	1/2	1,729.36	1/2	1,401.02	1/2	1,072.85	1/2	759.34	1/2	432.46	1/2	103.23	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,050.87	3/4	1,722.52	3/4	1,394.18	3/4	1,066.03	3/4	752.84	3/4	425.61	3/4	96.39	3/4	3/4	3/4	3/4	3/4	3/4
6	2,044.03	6	1,715.68	6	1,387.34	6	1,059.22	6	746.33	6	418.75	6	89.54	6	6	6	6	6	6
1/4	2,037.19	1/4	1,708.84	1/4	1,380.50	1/4	1,052.51	1/4	739.75	1/4	411.89	1/4	82.88	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,030.35	1/2	1,702.00	1/2	1,373.66	1/2	1,045.80	1/2	733.17	1/2	405.03	1/2	76.22	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,023.51	3/4	1,695.16	3/4	1,366.82	3/4	1,039.09	3/4	726.59	3/4	398.17	3/4	69.56	3/4	3/4	3/4	3/4	3/4	3/4
7	2,016.67	7	1,688.32	7	1,359.98	7	1,032.37	7	720.01	7	391.31	7	62.89	7	7	7	7	7	7
1/4	2,009.83	1/4	1,681.48	1/4	1,353.14	1/4	1,025.88	1/4	713.19	1/4	384.45	1/4	57.06	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,002.98	1/2	1,674.64	1/2	1,346.30	1/2	1,019.39	1/2	706.38	1/2	377.59	1/2	51.23	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,996.14	3/4	1,667.80	3/4	1,339.46	3/4	1,012.90	3/4	699.57	3/4	370.73	3/4	45.40	3/4	3/4	3/4	3/4	3/4	3/4
8	1,989.30	8	1,660.96	8	1,332.62	8	1,006.41	8	692.75	8	363.87	8	39.57	8	8	8	8	8	8
1/4	1,982.46	1/4	1,654.12	1/4	1,325.78	1/4	999.91	1/4	685.90	1/4	357.01	1/4	35.12	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,975.62	1/2	1,647.28	1/2	1,318.93	1/2	993.42	1/2	679.05	1/2	350.15	1/2	30.66	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,968.78	3/4	1,640.44	3/4	1,312.09	3/4	986.93	3/4	672.20	3/4	343.30	3/4	26.20	3/4	3/4	3/4	3/4	3/4	3/4
9	1,961.94	9	1,633.60	9	1,305.25	9	980.44	9	665.36	9	336.44	9	21.74	9	9	9	9	9	9
1/4	1,955.10	1/4	1,626.76	1/4	1,298.41	1/4	973.95	1/4	658.51	1/4	329.58	1/4	17.28	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,948.26	1/2	1,619.92	1/2	1,291.57	1/2	967.46	1/2	651.66	1/2	322.72	1/2	12.82	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,941.42	3/4	1,613.08	3/4	1,284.73	3/4	960.97	3/4	644.81	3/4	315.87	3/4	8.36	3/4	3/4	3/4	3/4	3/4	3/4
10	1,934.58	10	1,606.24	10	1,277.89	10	954.47	10	637.96	10	309.01	10	4.90	10	10	10	10	10	10
1/4	1,927.74	1/4	1,599.40	1/4	1,271.05	1/4	947.98	1/4	631.11	1/4	302.15	1/4	1.44	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,920.90	1/2	1,592.55	1/2	1,264.21	1/2	941.49	1/2	624.26	1/2	295.29	1/2	0.98	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,914.06	3/4	1,585.71	3/4	1,257.37	3/4	934.99	3/4	617.41	3/4	288.43	3/4	0.52	3/4	3/4	3/4	3/4	3/4	3/4
11	1,907.22	11	1,578.87	11	1,250.53	11	928.50	11	610.56	11	281.57	11	0.06	11	11	11	11	11	11
1/4	1,900.38	1/4	1,572.03	1/4	1,243.69	1/4	921.99	1/4	603.71	1/4	274.71	1/4	0.60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,893.54	1/2	1,565.19	1/2	1,236.85	1/2	915.49	1/2	596.86	1/2	267.85	1/2	0.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,886.70	3/4	1,558.35	3/4	1,230.01	3/4	908.98	3/4	590.01	3/4	260.98	3/4	0.68	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW  
CALCULATED: 10/18/2013 CL  
PRINTED: 10/19/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

PRECISION MEASUREMENT  
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