



BARGE "CTCO 255"

INNAGE 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 INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

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 INNAGE 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.
0	21.90	339.14	671.09	1,002.66	1,334.59	1,666.57	1,998.56	2,330.55	2,662.51	2,994.27
1/4	26.39	346.05	678.01	1,009.56	1,341.50	1,673.49	2,005.48	2,337.46	2,669.42	3,001.19
1/2	30.89	352.96	684.92	1,016.46	1,348.42	1,680.41	2,012.39	2,344.38	2,676.33	3,008.10
3/4	35.38	359.87	691.84	1,023.37	1,355.33	1,687.32	2,019.31	2,351.30	2,683.24	3,015.01
1	39.88	366.79	698.76	1,030.27	1,362.25	1,694.24	2,026.23	2,358.21	2,690.15	3,021.92
1/4	45.75	373.70	705.67	1,037.19	1,369.17	1,701.15	2,033.14	2,365.13	2,697.07	3,028.83
1/2	51.63	380.62	712.59	1,044.10	1,376.08	1,708.07	2,040.06	2,372.05	2,703.98	3,035.74
3/4	57.51	387.53	719.50	1,051.02	1,383.00	1,714.99	2,046.97	2,378.96	2,710.89	3,042.66
2	63.39	394.45	726.42	1,057.93	1,389.92	1,721.90	2,053.89	2,385.88	2,717.80	3,049.57
1/4	70.10	401.36	733.34	1,064.85	1,396.83	1,728.82	2,060.81	2,392.79	2,724.71	3,056.48
1/2	76.82	408.28	740.25	1,071.76	1,403.75	1,735.74	2,067.72	2,399.71	2,731.63	3,063.39
3/4	83.53	415.20	747.17	1,078.68	1,410.67	1,742.65	2,074.64	2,406.63	2,738.54	3,070.30
3	90.25	422.11	754.08	1,085.59	1,417.58	1,749.57	2,081.56	2,413.54	2,745.45	3,077.22
1/4	97.15	429.03	760.99	1,092.51	1,424.50	1,756.49	2,088.47	2,420.46	2,752.36	3,084.13
1/2	104.05	435.94	767.90	1,099.43	1,431.41	1,763.40	2,095.39	2,427.38	2,759.27	3,091.04
3/4	110.95	442.86	774.81	1,106.34	1,438.33	1,770.32	2,102.31	2,434.29	2,766.18	3,097.95
4	117.85	449.78	781.72	1,113.26	1,445.25	1,777.23	2,109.22	2,441.21	2,773.10	3,104.86
1/4	124.76	456.69	788.62	1,120.18	1,452.16	1,784.15	2,116.14	2,448.13	2,780.01	3,111.77
1/2	131.67	463.61	795.52	1,127.09	1,459.08	1,791.07	2,123.05	2,455.04	2,786.92	3,118.69
3/4	138.58	470.52	802.43	1,134.01	1,466.00	1,797.98	2,129.97	2,461.96	2,793.83	3,125.60
5	145.50	477.44	809.33	1,140.93	1,472.91	1,804.90	2,136.89	2,468.87	2,800.74	3,132.51
1/4	152.41	484.36	816.24	1,147.84	1,479.83	1,811.82	2,143.80	2,475.79	2,807.66	3,139.42
1/2	159.33	491.27	823.14	1,154.76	1,486.75	1,818.73	2,150.72	2,482.71	2,814.57	3,146.33
3/4	166.24	498.19	830.05	1,161.68	1,493.66	1,825.65	2,157.64	2,489.62	2,821.48	3,153.25
6	173.16	505.10	836.95	1,168.59	1,500.58	1,832.57	2,164.55	2,496.54	2,828.39	3,160.16
1/4	180.07	512.02	843.85	1,175.51	1,507.50	1,839.48	2,171.47	2,503.46	2,835.30	3,167.07
1/2	186.99	518.94	850.76	1,182.42	1,514.41	1,846.40	2,178.39	2,510.37	2,842.21	3,173.98
3/4	193.91	525.85	857.66	1,189.34	1,521.33	1,853.32	2,185.30	2,517.29	2,849.13	3,180.89
7	200.82	532.77	864.57	1,196.26	1,528.24	1,860.23	2,192.22	2,524.21	2,856.04	3,187.80
1/4	207.74	539.69	871.47	1,203.17	1,535.16	1,867.15	2,199.14	2,531.12	2,862.95	3,194.72
1/2	214.65	546.60	878.38	1,210.09	1,542.08	1,874.06	2,206.05	2,538.04	2,869.86	3,201.63
3/4	221.57	553.52	885.28	1,217.01	1,548.99	1,880.98	2,212.97	2,544.96	2,876.77	3,208.54
8	228.49	560.43	892.19	1,223.92	1,555.91	1,887.90	2,219.88	2,551.87	2,883.69	3,215.45
1/4	235.40	567.35	899.09	1,230.84	1,562.83	1,894.81	2,226.80	2,558.79	2,890.60	3,222.36
1/2	242.32	574.27	905.99	1,237.76	1,569.74	1,901.73	2,233.72	2,565.70	2,897.51	3,229.28
3/4	249.24	581.18	912.90	1,244.67	1,576.66	1,908.65	2,240.63	2,572.62	2,904.42	3,236.19
9	256.15	588.10	919.80	1,251.59	1,583.58	1,915.56	2,247.55	2,579.54	2,911.33	3,243.10
1/4	263.07	595.01	926.71	1,258.50	1,590.49	1,922.48	2,254.47	2,586.45	2,918.24	3,250.01
1/2	269.98	601.93	933.61	1,265.42	1,597.41	1,929.40	2,261.38	2,593.37	2,925.16	3,256.92
3/4	276.90	608.85	940.52	1,272.34	1,604.32	1,936.31	2,268.30	2,600.29	2,932.07	3,263.83
10	283.82	615.76	947.42	1,279.25	1,611.24	1,943.23	2,275.22	2,607.20	2,938.98	3,270.75
1/4	290.73	622.68	954.33	1,286.17	1,618.16	1,950.14	2,282.13	2,614.12	2,945.89	3,277.66
1/2	297.65	629.59	961.23	1,293.09	1,625.07	1,957.06	2,289.05	2,621.03	2,952.80	3,284.57
3/4	304.56	636.51	968.13	1,300.00	1,631.99	1,963.98	2,295.96	2,627.95	2,959.71	3,291.48
11	311.48	643.43	975.04	1,306.92	1,638.91	1,970.89	2,302.88	2,634.86	2,966.63	3,298.39
1/4	318.39	650.34	981.94	1,313.84	1,645.82	1,977.81	2,309.80	2,641.77	2,973.54	3,305.30
1/2	325.31	657.26	988.85	1,320.75	1,652.74	1,984.73	2,316.71	2,648.68	2,980.45	3,312.22
3/4	332.22	664.18	995.75	1,327.67	1,659.66	1,991.64	2,323.63	2,655.60	2,987.36	3,319.13

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 INNAGE 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.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCO 255"

1 PORT INNAGE 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.	
0	3,326.04	0	3,657.81	0	3,989.57	0	4,320.91	0	4,641.06	0	4,943.45	0		0		0		0	
1/4	3,332.95	1/4	3,664.72	1/4	3,996.48	1/4	4,327.73	1/4	4,647.52	1/4	4,949.57	1/4	1/4	1/4		1/4		1/4	
1/2	3,339.86	1/2	3,671.63	1/2	4,003.40	1/2	4,334.55	1/2	4,653.99	1/2	4,955.69	1/2	1/2	1/2		1/2		1/2	
3/4	3,346.78	3/4	3,678.54	3/4	4,010.31	3/4	4,341.37	3/4	4,660.45	3/4	4,961.81	3/4	3/4	3/4		3/4		3/4	
1	3,353.69	1	3,685.45	1	4,017.22	1	4,348.19	1	4,666.91	1	4,967.93	1	1	1		1		1	
1/4	3,360.60	1/4	3,692.37	1/4	4,024.13	1/4	4,354.99	1/4	4,673.33	1/4	4,974.02	1/4	1/4	1/4		1/4		1/4	
1/2	3,367.51	1/2	3,699.28	1/2	4,031.04	1/2	4,361.78	1/2	4,679.75	1/2	4,980.11	1/2	1/2	1/2		1/2		1/2	
3/4	3,374.42	3/4	3,706.19	3/4	4,037.96	3/4	4,368.58	3/4	4,686.18	3/4	4,986.21	3/4	3/4	3/4		3/4		3/4	
2	3,381.33	2	3,713.10	2	4,044.87	2	4,375.37	2	4,692.60	2	4,992.30	2	2	2		2		2	
1/4	3,388.25	1/4	3,720.01	1/4	4,051.78	1/4	4,382.14	1/4	4,699.00	1/4	4,998.36	1/4	1/4	1/4		1/4		1/4	
1/2	3,395.16	1/2	3,726.92	1/2	4,058.69	1/2	4,388.90	1/2	4,705.39	1/2	5,004.43	1/2	1/2	1/2		1/2		1/2	
3/4	3,402.07	3/4	3,733.84	3/4	4,065.60	3/4	4,395.67	3/4	4,711.79	3/4	5,010.49	3/4	3/4	3/4		3/4		3/4	
3	3,408.98	3	3,740.75	3	4,072.51	3	4,402.44	3	4,718.18	3	5,016.55	3	3	3		3		3	
1/4	3,415.89	1/4	3,747.66	1/4	4,079.43	1/4	4,409.18	1/4	4,724.55	1/4	5,022.55	1/4	1/4	1/4		1/4		1/4	
1/2	3,422.81	1/2	3,754.57	1/2	4,086.34	1/2	4,415.92	1/2	4,730.92	1/2	5,028.54	1/2	1/2	1/2		1/2		1/2	
3/4	3,429.72	3/4	3,761.48	3/4	4,093.25	3/4	4,422.65	3/4	4,737.29	3/4	5,034.54	3/4	3/4	3/4		3/4		3/4	
4	3,436.63	4	3,768.40	4	4,100.16	4	4,429.39	4	4,743.66	4	5,040.53	4	4	4		4		4	
1/4	3,443.54	1/4	3,775.31	1/4	4,107.07	1/4	4,436.10	1/4	4,750.00	1/4	5,046.49	1/4	1/4	1/4		1/4		1/4	
1/2	3,450.45	1/2	3,782.22	1/2	4,113.99	1/2	4,442.82	1/2	4,756.34	1/2	5,052.44	1/2	1/2	1/2		1/2		1/2	
3/4	3,457.36	3/4	3,789.13	3/4	4,120.90	3/4	4,449.53	3/4	4,762.68	3/4	5,058.39	3/4	3/4	3/4		3/4		3/4	
5	3,464.28	5	3,796.04	5	4,127.81	5	4,456.24	5	4,769.02	5	5,064.35	5	5	5		5		5	
1/4	3,471.19	1/4	3,802.95	1/4	4,134.72	1/4	4,462.92	1/4	4,775.33	1/4	5,070.27	1/4	1/4	1/4		1/4		1/4	
1/2	3,478.10	1/2	3,809.87	1/2	4,141.63	1/2	4,469.61	1/2	4,781.64	1/2	5,076.20	1/2	1/2	1/2		1/2		1/2	
3/4	3,485.01	3/4	3,816.78	3/4	4,148.54	3/4	4,476.29	3/4	4,787.96	3/4	5,082.13	3/4	3/4	3/4		3/4		3/4	
6	3,491.92	6	3,823.69	6	4,155.46	6	4,482.97	6	4,794.27	6	5,088.06	6	6	6		6		6	
1/4	3,498.84	1/4	3,830.60	1/4	4,162.37	1/4	4,489.63	1/4	4,800.55	1/4	5,093.96	1/4	1/4	1/4		1/4		1/4	
1/2	3,505.75	1/2	3,837.51	1/2	4,169.28	1/2	4,496.29	1/2	4,806.84	1/2	5,099.86	1/2	1/2	1/2		1/2		1/2	
3/4	3,512.66	3/4	3,844.43	3/4	4,176.19	3/4	4,502.94	3/4	4,813.12	3/4	5,105.76	3/4	3/4	3/4		3/4		3/4	
7	3,519.57	7	3,851.34	7	4,183.10	7	4,509.60	7	4,819.41	7	5,111.66	7	7	7		7		7	
1/4	3,526.48	1/4	3,858.25	1/4	4,190.02	1/4	4,516.23	1/4	4,825.67	1/4	5,117.01	1/4	1/4	1/4		1/4		1/4	
1/2	3,533.39	1/2	3,865.16	1/2	4,196.93	1/2	4,522.86	1/2	4,831.92	1/2	5,122.36	1/2	1/2	1/2		1/2		1/2	
3/4	3,540.31	3/4	3,872.07	3/4	4,203.84	3/4	4,529.48	3/4	4,838.18	3/4	5,127.72	3/4	3/4	3/4		3/4		3/4	
8	3,547.22	8	3,878.98	8	4,210.75	8	4,536.11	8	4,844.44	8	5,133.07	8	8	8		8		8	
1/4	3,554.13	1/4	3,885.90	1/4	4,217.66	1/4	4,542.71	1/4	4,850.67	1/4	5,137.95	1/4	1/4	1/4		1/4		1/4	
1/2	3,561.04	1/2	3,892.81	1/2	4,224.57	1/2	4,549.31	1/2	4,856.90	1/2	5,142.83	1/2	1/2	1/2		1/2		1/2	
3/4	3,567.95	3/4	3,899.72	3/4	4,231.49	3/4	4,555.92	3/4	4,863.13	3/4		3/4	3/4	3/4		3/4		3/4	
9	3,574.87	9	3,906.63	9	4,238.40	9	4,562.52	9	4,869.36	9		9	9	9		9		9	
1/4	3,581.78	1/4	3,913.54	1/4	4,245.30	1/4	4,569.09	1/4	4,875.56	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	3,588.69	1/2	3,920.46	1/2	4,252.20	1/2	4,575.66	1/2	4,881.76	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	3,595.60	3/4	3,927.37	3/4	4,259.10	3/4	4,582.24	3/4	4,887.96	3/4		3/4	3/4	3/4		3/4		3/4	
10	3,602.51	10	3,934.28	10	4,266.00	10	4,588.81	10	4,894.17	10		10	10	10		10		10	
1/4	3,609.42	1/4	3,941.19	1/4	4,272.88	1/4	4,595.35	1/4	4,900.34	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	3,616.34	1/2	3,948.10	1/2	4,279.75	1/2	4,601.90	1/2	4,906.52	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	3,623.25	3/4	3,955.01	3/4	4,286.63	3/4	4,608.45	3/4	4,912.69	3/4		3/4	3/4	3/4		3/4		3/4	
11	3,630.16	11	3,961.93	11	4,293.51	11	4,614.99	11	4,918.87	11		11	11	11		11		11	
1/4	3,637.07	1/4	3,968.84	1/4	4,300.36	1/4	4,621.51	1/4	4,925.01	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	3,643.98	1/2	3,975.75	1/2	4,307.21	1/2	4,628.03	1/2	4,931.16	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	3,650.89	3/4	3,982.66	3/4	4,314.06	3/4	4,634.55	3/4	4,937.31	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"

1 STBD
INNAGE 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.	
0	21.90	0	339.14	0	671.09	0	1,001.16	0	1,332.76	0	1,664.75	0	1,996.73	0	2,328.72	0	2,660.68	0	2,992.45
1/4	26.39	1/4	346.05	1/4	678.01	1/4	1,008.03	1/4	1,339.67	1/4	1,671.66	1/4	2,003.65	1/4	2,335.64	1/4	2,667.59	1/4	2,999.36
1/2	30.89	1/2	352.96	1/2	684.92	1/2	1,014.91	1/2	1,346.59	1/2	1,678.58	1/2	2,010.57	1/2	2,342.55	1/2	2,674.50	1/2	3,006.27
3/4	35.38	3/4	359.87	3/4	691.84	3/4	1,021.78	3/4	1,353.51	3/4	1,685.49	3/4	2,017.48	3/4	2,349.47	3/4	2,681.42	3/4	3,013.18
1	39.88	1	366.79	1	698.76	1	1,028.65	1	1,360.42	1	1,692.41	1	2,024.40	1	2,356.39	1	2,688.33	1	3,020.09
1/4	45.75	1/4	373.70	1/4	705.67	1/4	1,035.52	1/4	1,367.34	1/4	1,699.33	1/4	2,031.31	1/4	2,363.30	1/4	2,695.24	1/4	3,027.01
1/2	51.63	1/2	380.62	1/2	712.59	1/2	1,042.40	1/2	1,374.26	1/2	1,706.24	1/2	2,038.23	1/2	2,370.22	1/2	2,702.15	1/2	3,033.92
3/4	57.51	3/4	387.53	3/4	719.50	3/4	1,049.27	3/4	1,381.17	3/4	1,713.16	3/4	2,045.15	3/4	2,377.13	3/4	2,709.06	3/4	3,040.83
2	63.39	2	394.45	2	726.42	2	1,056.14	2	1,388.09	2	1,720.08	2	2,052.06	2	2,384.05	2	2,715.97	2	3,047.74
1/4	70.10	1/4	401.36	1/4	733.30	1/4	1,063.05	1/4	1,395.01	1/4	1,726.99	1/4	2,058.98	1/4	2,390.97	1/4	2,722.89	1/4	3,054.65
1/2	76.82	1/2	408.28	1/2	740.18	1/2	1,069.96	1/2	1,401.92	1/2	1,733.91	1/2	2,065.90	1/2	2,397.88	1/2	2,729.80	1/2	3,061.56
3/4	83.53	3/4	415.20	3/4	747.06	3/4	1,076.86	3/4	1,408.84	3/4	1,740.83	3/4	2,072.81	3/4	2,404.80	3/4	2,736.71	3/4	3,068.48
3	90.25	3	422.11	3	753.94	3	1,083.77	3	1,415.75	3	1,747.74	3	2,079.73	3	2,411.72	3	2,743.62	3	3,075.39
1/4	97.15	1/4	429.03	1/4	760.81	1/4	1,090.68	1/4	1,422.67	1/4	1,754.66	1/4	2,086.65	1/4	2,418.63	1/4	2,750.53	1/4	3,082.30
1/2	104.05	1/2	435.94	1/2	767.67	1/2	1,097.60	1/2	1,429.59	1/2	1,761.57	1/2	2,093.56	1/2	2,425.55	1/2	2,757.45	1/2	3,089.21
3/4	110.95	3/4	442.86	3/4	774.54	3/4	1,104.52	3/4	1,436.50	3/4	1,768.49	3/4	2,100.48	3/4	2,432.47	3/4	2,764.36	3/4	3,096.12
4	117.85	4	449.78	4	781.41	4	1,111.43	4	1,443.42	4	1,775.41	4	2,107.39	4	2,439.38	4	2,771.27	4	3,103.04
1/4	124.76	1/4	456.69	1/4	788.28	1/4	1,118.35	1/4	1,450.34	1/4	1,782.32	1/4	2,114.31	1/4	2,446.30	1/4	2,778.18	1/4	3,109.95
1/2	131.67	1/2	463.61	1/2	795.14	1/2	1,125.27	1/2	1,457.25	1/2	1,789.24	1/2	2,121.23	1/2	2,453.21	1/2	2,785.09	1/2	3,116.86
3/4	138.58	3/4	470.52	3/4	802.01	3/4	1,132.18	3/4	1,464.17	3/4	1,796.16	3/4	2,128.14	3/4	2,460.13	3/4	2,792.00	3/4	3,123.77
5	145.50	5	477.44	5	808.88	5	1,139.10	5	1,471.09	5	1,803.07	5	2,135.06	5	2,467.05	5	2,798.92	5	3,130.68
1/4	152.41	1/4	484.36	1/4	815.74	1/4	1,146.02	1/4	1,478.00	1/4	1,809.99	1/4	2,141.98	1/4	2,473.96	1/4	2,805.83	1/4	3,137.59
1/2	159.33	1/2	491.27	1/2	822.61	1/2	1,152.93	1/2	1,484.92	1/2	1,816.91	1/2	2,148.89	1/2	2,480.88	1/2	2,812.74	1/2	3,144.51
3/4	166.24	3/4	498.19	3/4	829.48	3/4	1,159.85	3/4	1,491.84	3/4	1,823.82	3/4	2,155.81	3/4	2,487.80	3/4	2,819.65	3/4	3,151.42
6	173.16	6	505.10	6	836.35	6	1,166.76	6	1,498.75	6	1,830.74	6	2,162.73	6	2,494.71	6	2,826.56	6	3,158.33
1/4	180.07	1/4	512.02	1/4	843.21	1/4	1,173.68	1/4	1,505.67	1/4	1,837.66	1/4	2,169.64	1/4	2,501.63	1/4	2,833.47	1/4	3,165.24
1/2	186.99	1/2	518.94	1/2	850.08	1/2	1,180.60	1/2	1,512.58	1/2	1,844.57	1/2	2,176.56	1/2	2,508.55	1/2	2,840.39	1/2	3,172.15
3/4	193.91	3/4	525.85	3/4	856.95	3/4	1,187.51	3/4	1,519.50	3/4	1,851.49	3/4	2,183.48	3/4	2,515.46	3/4	2,847.30	3/4	3,179.06
7	200.82	7	532.77	7	863.82	7	1,194.43	7	1,526.42	7	1,858.40	7	2,190.39	7	2,522.38	7	2,854.21	7	3,185.98
1/4	207.74	1/4	539.69	1/4	870.68	1/4	1,201.35	1/4	1,533.33	1/4	1,865.32	1/4	2,197.31	1/4	2,529.30	1/4	2,861.12	1/4	3,192.89
1/2	214.65	1/2	546.60	1/2	877.55	1/2	1,208.26	1/2	1,540.25	1/2	1,872.24	1/2	2,204.22	1/2	2,536.21	1/2	2,868.03	1/2	3,199.80
3/4	221.57	3/4	553.52	3/4	884.42	3/4	1,215.18	3/4	1,547.17	3/4	1,879.15	3/4	2,211.14	3/4	2,543.13	3/4	2,874.95	3/4	3,206.71
8	228.49	8	560.43	8	891.29	8	1,222.10	8	1,554.08	8	1,886.07	8	2,218.06	8	2,550.04	8	2,881.86	8	3,213.62
1/4	235.40	1/4	567.35	1/4	898.15	1/4	1,229.01	1/4	1,561.00	1/4	1,892.99	1/4	2,224.97	1/4	2,556.96	1/4	2,888.77	1/4	3,220.54
1/2	242.32	1/2	574.27	1/2	905.02	1/2	1,235.93	1/2	1,567.92	1/2	1,899.90	1/2	2,231.89	1/2	2,563.88	1/2	2,895.68	1/2	3,227.45
3/4	249.24	3/4	581.18	3/4	911.89	3/4	1,242.84	3/4	1,574.83	3/4	1,906.82	3/4	2,238.81	3/4	2,570.79	3/4	2,902.59	3/4	3,234.36
9	256.15	9	588.10	9	918.75	9	1,249.76	9	1,581.75	9	1,913.74	9	2,245.72	9	2,577.71	9	2,909.50	9	3,241.27
1/4	263.07	1/4	595.01	1/4	925.62	1/4	1,256.68	1/4	1,588.66	1/4	1,920.65	1/4	2,252.64	1/4	2,584.63	1/4	2,916.42	1/4	3,248.18
1/2	269.98	1/2	601.93	1/2	932.49	1/2	1,263.59	1/2	1,595.58	1/2	1,927.57	1/2	2,259.56	1/2	2,591.54	1/2	2,923.33	1/2	3,255.09
3/4	276.90	3/4	608.85	3/4	939.36	3/4	1,270.51	3/4	1,602.50	3/4	1,934.48	3/4	2,266.47	3/4	2,598.46	3/4	2,930.24	3/4	3,262.01
10	283.82	10	615.76	10	946.22	10	1,277.43	10	1,609.41	10	1,941.40	10	2,273.39	10	2,605.38	10	2,937.15	10	3,268.92
1/4	290.73	1/4	622.68	1/4	953.09	1/4	1,284.34	1/4	1,616.33	1/4	1,948.32	1/4	2,280.30	1/4	2,612.29	1/4	2,944.06	1/4	3,275.83
1/2	297.65	1/2	629.59	1/2	959.96	1/2	1,291.26	1/2	1,623.25	1/2	1,955.23	1/2	2,287.22	1/2	2,619.20	1/2	2,950.98	1/2	3,282.74
3/4	304.56	3/4	636.51	3/4	966.83	3/4	1,298.18	3/4	1,630.16	3/4	1,962.15	3/4	2,294.14	3/4	2,626.12	3/4	2,957.89	3/4	3,289.65
11	311.48	11	643.43	11	973.69	11	1,305.09	11	1,637.08	11	1,969.07	11	2,301.05	11	2,633.03	11	2,964.80	11	3,296.57
1/4	318.39	1/4	650.34	1/4	980.56	1/4	1,312.01	1/4	1,644.00	1/4	1,975.98	1/4	2,307.97	1/4	2,639.94	1/4	2,971.71	1/4	3,303.48
1/2	325.31	1/2	657.26	1/2	987.43	1/2	1,318.93	1/2	1,650.91	1/2	1,982.90	1/2	2,314.89	1/2	2,646.86	1/2	2,978.62	1/2	3,310.39
3/4	332.22	3/4	664.18	3/4	994.29	3/4	1,325.84	3/4	1,657.83	3/4	1,989.82	3/4	2,321.80	3/4	2,653.77	3/4	2,985.53	3/4	3,317.30

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 INNAGE 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.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmacorp.net



BARGE "CTCO 255"

1 STBD INNAGE 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	3,324.21	0	3,655.98	0	3,987.75	0	4,319.08	0	4,639.24	0	4,941.63	0		0		0		0	
1/4	3,331.12	1/4	3,662.89	1/4	3,994.66	1/4	4,325.90	1/4	4,645.70	1/4	4,947.74	1/4		1/4		1/4		1/4	
1/2	3,338.04	1/2	3,669.80	1/2	4,001.57	1/2	4,332.72	1/2	4,652.16	1/2	4,953.86	1/2		1/2		1/2		1/2	
3/4	3,344.95	3/4	3,676.71	3/4	4,008.48	3/4	4,339.54	3/4	4,658.62	3/4	4,959.98	3/4		3/4		3/4		3/4	
1	3,351.86	1	3,683.63	1	4,015.39	1	4,346.37	1	4,665.08	1	4,966.10	1		1		1		1	
1/4	3,358.77	1/4	3,690.54	1/4	4,022.30	1/4	4,353.16	1/4	4,671.50	1/4	4,972.19	1/4		1/4		1/4		1/4	
1/2	3,365.68	1/2	3,697.45	1/2	4,029.22	1/2	4,359.95	1/2	4,677.93	1/2	4,978.29	1/2		1/2		1/2		1/2	
3/4	3,372.60	3/4	3,704.36	3/4	4,036.13	3/4	4,366.75	3/4	4,684.35	3/4	4,984.38	3/4		3/4		3/4		3/4	
2	3,379.51	2	3,711.27	2	4,043.04	2	4,373.54	2	4,690.77	2	4,990.47	2		2		2		2	
1/4	3,386.42	1/4	3,718.19	1/4	4,049.95	1/4	4,380.31	1/4	4,697.17	1/4	4,996.53	1/4		1/4		1/4		1/4	
1/2	3,393.33	1/2	3,725.10	1/2	4,056.86	1/2	4,387.08	1/2	4,703.56	1/2	5,002.60	1/2		1/2		1/2		1/2	
3/4	3,400.24	3/4	3,732.01	3/4	4,063.78	3/4	4,393.84	3/4	4,709.96	3/4	5,008.66	3/4		3/4		3/4		3/4	
3	3,407.15	3	3,738.92	3	4,070.69	3	4,400.61	3	4,716.36	3	5,014.73	3		3		3		3	
1/4	3,414.07	1/4	3,745.83	1/4	4,077.60	1/4	4,407.35	1/4	4,722.72	1/4	5,020.72	1/4		1/4		1/4		1/4	
1/2	3,420.98	1/2	3,752.74	1/2	4,084.51	1/2	4,414.09	1/2	4,729.09	1/2	5,026.72	1/2		1/2		1/2		1/2	
3/4	3,427.89	3/4	3,759.66	3/4	4,091.42	3/4	4,420.83	3/4	4,735.46	3/4	5,032.71	3/4		3/4		3/4		3/4	
4	3,434.80	4	3,766.57	4	4,098.33	4	4,427.57	4	4,741.83	4	5,038.71	4		4		4		4	
1/4	3,441.71	1/4	3,773.48	1/4	4,105.25	1/4	4,434.28	1/4	4,748.17	1/4	5,044.66	1/4		1/4		1/4		1/4	
1/2	3,448.63	1/2	3,780.39	1/2	4,112.16	1/2	4,440.99	1/2	4,754.51	1/2	5,050.61	1/2		1/2		1/2		1/2	
3/4	3,455.54	3/4	3,787.30	3/4	4,119.07	3/4	4,447.70	3/4	4,760.85	3/4	5,056.57	3/4		3/4		3/4		3/4	
5	3,462.45	5	3,794.22	5	4,125.98	5	4,454.41	5	4,767.19	5	5,062.52	5		5		5		5	
1/4	3,469.36	1/4	3,801.13	1/4	4,132.89	1/4	4,461.10	1/4	4,773.50	1/4	5,068.45	1/4		1/4		1/4		1/4	
1/2	3,476.27	1/2	3,808.04	1/2	4,139.81	1/2	4,467.78	1/2	4,779.81	1/2	5,074.37	1/2		1/2		1/2		1/2	
3/4	3,483.18	3/4	3,814.95	3/4	4,146.72	3/4	4,474.46	3/4	4,786.13	3/4	5,080.30	3/4		3/4		3/4		3/4	
6	3,490.10	6	3,821.86	6	4,153.63	6	4,481.15	6	4,792.44	6	5,086.23	6		6		6		6	
1/4	3,497.01	1/4	3,828.77	1/4	4,160.54	1/4	4,487.80	1/4	4,798.73	1/4	5,092.13	1/4		1/4		1/4		1/4	
1/2	3,503.92	1/2	3,835.69	1/2	4,167.45	1/2	4,494.46	1/2	4,805.01	1/2	5,098.03	1/2		1/2		1/2		1/2	
3/4	3,510.83	3/4	3,842.60	3/4	4,174.36	3/4	4,501.12	3/4	4,811.30	3/4	5,103.93	3/4		3/4		3/4		3/4	
7	3,517.74	7	3,849.51	7	4,181.28	7	4,507.77	7	4,817.58	7	5,109.83	7		7		7		7	
1/4	3,524.65	1/4	3,856.42	1/4	4,188.19	1/4	4,514.40	1/4	4,823.84	1/4	5,115.18	1/4		1/4		1/4		1/4	
1/2	3,531.57	1/2	3,863.33	1/2	4,195.10	1/2	4,521.03	1/2	4,830.10	1/2	5,120.54	1/2		1/2		1/2		1/2	
3/4	3,538.48	3/4	3,870.24	3/4	4,202.01	3/4	4,527.66	3/4	4,836.35	3/4	5,125.89	3/4		3/4		3/4		3/4	
8	3,545.39	8	3,877.16	8	4,208.92	8	4,534.29	8	4,842.61	8	5,131.24	8		8		8		8	
1/4	3,552.30	1/4	3,884.07	1/4	4,215.83	1/4	4,540.89	1/4	4,848.84	1/4	5,136.12	1/4		1/4		1/4		1/4	
1/2	3,559.21	1/2	3,890.98	1/2	4,222.75	1/2	4,547.49	1/2	4,855.07	1/2	5,141.00	1/2		1/2		1/2		1/2	
3/4	3,566.13	3/4	3,897.89	3/4	4,229.66	3/4	4,554.09	3/4	4,861.30	3/4		3/4		3/4		3/4		3/4	
9	3,573.04	9	3,904.80	9	4,236.57	9	4,560.69	9	4,867.53	9		9		9		9		9	
1/4	3,579.95	1/4	3,911.72	1/4	4,243.47	1/4	4,567.26	1/4	4,873.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,586.86	1/2	3,918.63	1/2	4,250.37	1/2	4,573.84	1/2	4,879.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,593.77	3/4	3,925.54	3/4	4,257.27	3/4	4,580.41	3/4	4,886.14	3/4		3/4		3/4		3/4		3/4	
10	3,600.68	10	3,932.45	10	4,264.17	10	4,586.98	10	4,892.34	10		10		10		10		10	
1/4	3,607.60	1/4	3,939.36	1/4	4,271.05	1/4	4,593.53	1/4	4,898.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,614.51	1/2	3,946.27	1/2	4,277.93	1/2	4,600.07	1/2	4,904.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,621.42	3/4	3,953.19	3/4	4,284.80	3/4	4,606.62	3/4	4,910.86	3/4		3/4		3/4		3/4		3/4	
11	3,628.33	11	3,960.10	11	4,291.68	11	4,613.16	11	4,917.04	11		11		11		11		11	
1/4	3,635.24	1/4	3,967.01	1/4	4,298.53	1/4	4,619.68	1/4	4,923.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,642.16	1/2	3,973.92	1/2	4,305.38	1/2	4,626.20	1/2	4,929.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,649.07	3/4	3,980.83	3/4	4,312.23	3/4	4,632.72	3/4	4,935.48	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 PORT INNAGE 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.
0	21.83	0	338.04	0	668.92	0	999.51	0	1,330.38	0	1,661.30	0	1,992.22	0	2,323.13	0	2,654.01	0	2,984.70
1/4	26.31	1/4	344.93	1/4	675.82	1/4	1,006.40	1/4	1,337.28	1/4	1,668.19	1/4	1,999.11	1/4	2,330.03	1/4	2,660.89	1/4	2,991.59
1/2	30.79	1/2	351.82	1/2	682.71	1/2	1,013.28	1/2	1,344.17	1/2	1,675.09	1/2	2,006.00	1/2	2,336.92	1/2	2,667.78	1/2	2,998.48
3/4	35.27	3/4	358.71	3/4	689.61	3/4	1,020.17	3/4	1,351.07	3/4	1,681.98	3/4	2,012.90	3/4	2,343.82	3/4	2,674.67	3/4	3,005.36
1	39.75	1	365.60	1	696.50	1	1,027.05	1	1,357.96	1	1,688.88	1	2,019.79	1	2,350.71	1	2,681.56	1	3,012.25
1/4	45.61	1/4	372.49	1/4	703.39	1/4	1,033.94	1/4	1,364.85	1/4	1,695.77	1/4	2,026.69	1/4	2,357.60	1/4	2,688.45	1/4	3,019.14
1/2	51.47	1/2	379.39	1/2	710.29	1/2	1,040.84	1/2	1,371.75	1/2	1,702.66	1/2	2,033.58	1/2	2,364.50	1/2	2,695.34	1/2	3,026.03
3/4	57.32	3/4	386.28	3/4	717.18	3/4	1,047.73	3/4	1,378.64	3/4	1,709.56	3/4	2,040.48	3/4	2,371.39	3/4	2,702.23	3/4	3,032.92
2	63.18	2	393.17	2	724.08	2	1,054.62	2	1,385.54	2	1,716.45	2	2,047.37	2	2,378.29	2	2,709.12	2	3,039.81
1/4	69.88	1/4	400.07	1/4	730.97	1/4	1,061.51	1/4	1,392.43	1/4	1,723.35	1/4	2,054.26	1/4	2,385.18	1/4	2,716.01	1/4	3,046.70
1/2	76.57	1/2	406.96	1/2	737.86	1/2	1,068.41	1/2	1,399.32	1/2	1,730.24	1/2	2,061.16	1/2	2,392.07	1/2	2,722.90	1/2	3,053.59
3/4	83.26	3/4	413.85	3/4	744.76	3/4	1,075.30	3/4	1,406.22	3/4	1,737.13	3/4	2,068.05	3/4	2,398.97	3/4	2,729.79	3/4	3,060.48
3	89.96	3	420.75	3	751.65	3	1,082.20	3	1,413.11	3	1,744.03	3	2,074.95	3	2,405.86	3	2,736.68	3	3,067.37
1/4	96.83	1/4	427.64	1/4	758.54	1/4	1,089.09	1/4	1,420.01	1/4	1,750.92	1/4	2,081.84	1/4	2,412.76	1/4	2,743.57	1/4	3,074.26
1/2	103.71	1/2	434.54	1/2	765.42	1/2	1,095.98	1/2	1,426.90	1/2	1,757.82	1/2	2,088.73	1/2	2,419.65	1/2	2,750.46	1/2	3,081.15
3/4	110.59	3/4	441.43	3/4	772.31	3/4	1,102.88	3/4	1,433.79	3/4	1,764.71	3/4	2,095.63	3/4	2,426.54	3/4	2,757.35	3/4	3,088.04
4	117.47	4	448.32	4	779.20	4	1,109.77	4	1,440.69	4	1,771.61	4	2,102.52	4	2,433.44	4	2,764.24	4	3,094.93
1/4	124.36	1/4	455.22	1/4	786.08	1/4	1,116.67	1/4	1,447.58	1/4	1,778.50	1/4	2,109.42	1/4	2,440.33	1/4	2,771.12	1/4	3,101.82
1/2	131.25	1/2	462.11	1/2	792.97	1/2	1,123.56	1/2	1,454.48	1/2	1,785.39	1/2	2,116.31	1/2	2,447.23	1/2	2,778.01	1/2	3,108.71
3/4	138.14	3/4	469.00	3/4	799.85	3/4	1,130.45	3/4	1,461.37	3/4	1,792.29	3/4	2,123.20	3/4	2,454.12	3/4	2,784.90	3/4	3,115.59
5	145.03	5	475.90	5	806.74	5	1,137.35	5	1,468.26	5	1,799.18	5	2,130.10	5	2,461.02	5	2,791.79	5	3,122.48
1/4	151.92	1/4	482.79	1/4	813.62	1/4	1,144.24	1/4	1,475.16	1/4	1,806.08	1/4	2,136.99	1/4	2,467.91	1/4	2,798.68	1/4	3,129.37
1/2	158.81	1/2	489.69	1/2	820.51	1/2	1,151.14	1/2	1,482.05	1/2	1,812.97	1/2	2,143.89	1/2	2,474.80	1/2	2,805.57	1/2	3,136.26
3/4	165.71	3/4	496.58	3/4	827.39	3/4	1,158.03	3/4	1,488.95	3/4	1,819.86	3/4	2,150.78	3/4	2,481.70	3/4	2,812.46	3/4	3,143.15
6	172.60	6	503.47	6	834.28	6	1,164.92	6	1,495.84	6	1,826.76	6	2,157.67	6	2,488.59	6	2,819.35	6	3,150.04
1/4	179.49	1/4	510.37	1/4	841.16	1/4	1,171.82	1/4	1,502.74	1/4	1,833.65	1/4	2,164.57	1/4	2,495.49	1/4	2,826.24	1/4	3,156.93
1/2	186.39	1/2	517.26	1/2	848.05	1/2	1,178.71	1/2	1,509.63	1/2	1,840.55	1/2	2,171.46	1/2	2,502.38	1/2	2,833.13	1/2	3,163.82
3/4	193.28	3/4	524.15	3/4	854.93	3/4	1,185.61	3/4	1,516.52	3/4	1,847.44	3/4	2,178.36	3/4	2,509.27	3/4	2,840.02	3/4	3,170.71
7	200.18	7	531.05	7	861.82	7	1,192.50	7	1,523.42	7	1,854.33	7	2,185.25	7	2,516.17	7	2,846.91	7	3,177.60
1/4	207.07	1/4	537.94	1/4	868.70	1/4	1,199.39	1/4	1,530.31	1/4	1,861.23	1/4	2,192.15	1/4	2,523.06	1/4	2,853.80	1/4	3,184.49
1/2	213.96	1/2	544.84	1/2	875.58	1/2	1,206.29	1/2	1,537.21	1/2	1,868.12	1/2	2,199.04	1/2	2,529.96	1/2	2,860.69	1/2	3,191.38
3/4	220.86	3/4	551.73	3/4	882.47	3/4	1,213.18	3/4	1,544.10	3/4	1,875.02	3/4	2,205.93	3/4	2,536.85	3/4	2,867.58	3/4	3,198.27
8	227.75	8	558.62	8	889.35	8	1,220.08	8	1,550.99	8	1,881.91	8	2,212.83	8	2,543.74	8	2,874.47	8	3,205.16
1/4	234.64	1/4	565.52	1/4	896.24	1/4	1,226.97	1/4	1,557.89	1/4	1,888.80	1/4	2,219.72	1/4	2,550.64	1/4	2,881.36	1/4	3,212.05
1/2	241.54	1/2	572.41	1/2	903.12	1/2	1,233.87	1/2	1,564.78	1/2	1,895.70	1/2	2,226.62	1/2	2,557.53	1/2	2,888.24	1/2	3,218.94
3/4	248.43	3/4	579.31	3/4	910.01	3/4	1,240.76	3/4	1,571.68	3/4	1,902.59	3/4	2,233.51	3/4	2,564.43	3/4	2,895.13	3/4	3,225.83
9	255.33	9	586.20	9	916.89	9	1,247.65	9	1,578.57	9	1,909.49	9	2,240.40	9	2,571.32	9	2,902.02	9	3,232.71
1/4	262.22	1/4	593.09	1/4	923.78	1/4	1,254.55	1/4	1,585.46	1/4	1,916.38	1/4	2,247.30	1/4	2,578.21	1/4	2,908.91	1/4	3,239.60
1/2	269.11	1/2	599.99	1/2	930.66	1/2	1,261.44	1/2	1,592.36	1/2	1,923.28	1/2	2,254.19	1/2	2,585.11	1/2	2,915.80	1/2	3,246.49
3/4	276.01	3/4	606.88	3/4	937.55	3/4	1,268.34	3/4	1,599.25	3/4	1,930.17	3/4	2,261.09	3/4	2,592.00	3/4	2,922.69	3/4	3,253.38
10	282.90	10	613.77	10	944.43	10	1,275.23	10	1,606.15	10	1,937.06	10	2,267.98	10	2,598.90	10	2,929.58	10	3,260.27
1/4	289.79	1/4	620.67	1/4	951.32	1/4	1,282.12	1/4	1,613.04	1/4	1,943.96	1/4	2,274.87	1/4	2,605.78	1/4	2,936.47	1/4	3,267.16
1/2	296.69	1/2	627.56	1/2	958.20	1/2	1,289.02	1/2	1,619.93	1/2	1,950.85	1/2	2,281.77	1/2	2,612.67	1/2	2,943.36	1/2	3,274.05
3/4	303.58	3/4	634.46	3/4	965.09	3/4	1,295.91	3/4	1,626.83	3/4	1,957.75	3/4	2,288.66	3/4	2,619.56	3/4	2,950.25	3/4	3,280.94
11	310.48	11	641.35	11	971.97	11	1,302.81	11	1,633.72	11	1,964.64	11	2,295.56	11	2,626.45	11	2,957.14	11	3,287.83
1/4	317.37	1/4	648.24	1/4	978.86	1/4	1,309.70	1/4	1,640.62	1/4	1,971.53	1/4	2,302.45	1/4	2,633.34	1/4	2,964.03	1/4	3,294.72
1/2	324.26	1/2	655.14	1/2	985.74	1/2	1,316.59	1/2	1,647.51	1/2	1,978.43	1/2	2,309.34	1/2	2,640.23	1/2	2,970.92	1/2	3,301.61
3/4	331.15	3/4	662.03	3/4	992.63	3/4	1,323.49	3/4	1,654.41	3/4	1,985.32	3/4	2,316.24	3/4	2,647.12	3/4	2,977.81	3/4	3,308.50

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 INNAGE 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 PORT INNAGE 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.	
0	3,315.39	0	3,646.08	0	3,976.77	0	4,307.03	0	4,626.16	0	4,927.56	0		0		0		0	
1/4	3,322.28	1/4	3,652.97	1/4	3,983.66	1/4	4,313.83	1/4	4,632.60	1/4	4,933.66	1/4		1/4		1/4		1/4	
1/2	3,329.17	1/2	3,659.86	1/2	3,990.55	1/2	4,320.63	1/2	4,639.04	1/2	4,939.76	1/2		1/2		1/2		1/2	
3/4	3,336.06	3/4	3,666.75	3/4	3,997.44	3/4	4,327.43	3/4	4,645.48	3/4	4,945.86	3/4		3/4		3/4		3/4	
1	3,342.95	1	3,673.64	1	4,004.33	1	4,334.23	1	4,651.92	1	4,951.96	1		1		1		1	
1/4	3,349.83	1/4	3,680.53	1/4	4,011.22	1/4	4,341.01	1/4	4,658.32	1/4	4,958.03	1/4		1/4		1/4		1/4	
1/2	3,356.72	1/2	3,687.42	1/2	4,018.11	1/2	4,347.78	1/2	4,664.72	1/2	4,964.10	1/2		1/2		1/2		1/2	
3/4	3,363.61	3/4	3,694.30	3/4	4,025.00	3/4	4,354.55	3/4	4,671.12	3/4	4,970.18	3/4		3/4		3/4		3/4	
2	3,370.50	2	3,701.19	2	4,031.89	2	4,361.32	2	4,677.53	2	4,976.25	2		2		2		2	
1/4	3,377.39	1/4	3,708.08	1/4	4,038.77	1/4	4,368.07	1/4	4,683.90	1/4	4,982.29	1/4		1/4		1/4		1/4	
1/2	3,384.28	1/2	3,714.97	1/2	4,045.66	1/2	4,374.81	1/2	4,690.28	1/2	4,988.34	1/2		1/2		1/2		1/2	
3/4	3,391.17	3/4	3,721.86	3/4	4,052.55	3/4	4,381.56	3/4	4,696.65	3/4	4,994.38	3/4		3/4		3/4		3/4	
3	3,398.06	3	3,728.75	3	4,059.44	3	4,388.30	3	4,703.03	3	5,000.43	3		3		3		3	
1/4	3,404.95	1/4	3,735.64	1/4	4,066.33	1/4	4,395.02	1/4	4,709.37	1/4	5,006.40	1/4		1/4		1/4		1/4	
1/2	3,411.84	1/2	3,742.53	1/2	4,073.22	1/2	4,401.74	1/2	4,715.72	1/2	5,012.38	1/2		1/2		1/2		1/2	
3/4	3,418.73	3/4	3,749.42	3/4	4,080.11	3/4	4,408.45	3/4	4,722.07	3/4	5,018.35	3/4		3/4		3/4		3/4	
4	3,425.62	4	3,756.31	4	4,087.00	4	4,415.17	4	4,728.41	4	5,024.33	4		4		4		4	
1/4	3,432.51	1/4	3,763.20	1/4	4,093.89	1/4	4,421.86	1/4	4,734.73	1/4	5,030.26	1/4		1/4		1/4		1/4	
1/2	3,439.40	1/2	3,770.09	1/2	4,100.78	1/2	4,428.55	1/2	4,741.05	1/2	5,036.20	1/2		1/2		1/2		1/2	
3/4	3,446.29	3/4	3,776.98	3/4	4,107.67	3/4	4,435.24	3/4	4,747.37	3/4	5,042.13	3/4		3/4		3/4		3/4	
5	3,453.18	5	3,783.87	5	4,114.56	5	4,441.93	5	4,753.69	5	5,048.06	5		5		5		5	
1/4	3,460.06	1/4	3,790.76	1/4	4,121.45	1/4	4,448.59	1/4	4,759.99	1/4	5,053.97	1/4		1/4		1/4		1/4	
1/2	3,466.95	1/2	3,797.65	1/2	4,128.34	1/2	4,455.25	1/2	4,766.28	1/2	5,059.88	1/2		1/2		1/2		1/2	
3/4	3,473.84	3/4	3,804.53	3/4	4,135.23	3/4	4,461.92	3/4	4,772.57	3/4	5,065.79	3/4		3/4		3/4		3/4	
6	3,480.73	6	3,811.42	6	4,142.12	6	4,468.58	6	4,778.86	6	5,071.69	6		6		6		6	
1/4	3,487.62	1/4	3,818.31	1/4	4,149.00	1/4	4,475.21	1/4	4,785.13	1/4	5,077.57	1/4		1/4		1/4		1/4	
1/2	3,494.51	1/2	3,825.20	1/2	4,155.89	1/2	4,481.85	1/2	4,791.39	1/2	5,083.46	1/2		1/2		1/2		1/2	
3/4	3,501.40	3/4	3,832.09	3/4	4,162.78	3/4	4,488.48	3/4	4,797.66	3/4	5,089.34	3/4		3/4		3/4		3/4	
7	3,508.29	7	3,838.98	7	4,169.67	7	4,495.12	7	4,803.92	7	5,095.22	7		7		7		7	
1/4	3,515.18	1/4	3,845.87	1/4	4,176.56	1/4	4,501.72	1/4	4,810.16	1/4	5,100.56	1/4		1/4		1/4		1/4	
1/2	3,522.07	1/2	3,852.76	1/2	4,183.45	1/2	4,508.33	1/2	4,816.40	1/2	5,105.89	1/2		1/2		1/2		1/2	
3/4	3,528.96	3/4	3,859.65	3/4	4,190.34	3/4	4,514.94	3/4	4,822.63	3/4	5,111.23	3/4		3/4		3/4		3/4	
8	3,535.85	8	3,866.54	8	4,197.23	8	4,521.54	8	4,828.87	8	5,116.57	8		8		8		8	
1/4	3,542.74	1/4	3,873.43	1/4	4,204.12	1/4	4,528.12	1/4	4,835.08	1/4	5,121.43	1/4		1/4		1/4		1/4	
1/2	3,549.63	1/2	3,880.32	1/2	4,211.01	1/2	4,534.70	1/2	4,841.29	1/2	5,126.30	1/2		1/2		1/2		1/2	
3/4	3,556.52	3/4	3,887.21	3/4	4,217.90	3/4	4,541.28	3/4	4,847.50	3/4		3/4		3/4		3/4		3/4	
9	3,563.41	9	3,894.10	9	4,224.79	9	4,547.86	9	4,853.71	9		9		9		9		9	
1/4	3,570.30	1/4	3,900.99	1/4	4,231.67	1/4	4,554.41	1/4	4,859.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,577.18	1/2	3,907.88	1/2	4,238.55	1/2	4,560.97	1/2	4,866.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,584.07	3/4	3,914.77	3/4	4,245.43	3/4	4,567.52	3/4	4,872.26	3/4		3/4		3/4		3/4		3/4	
10	3,590.96	10	3,921.65	10	4,252.30	10	4,574.07	10	4,878.44	10		10		10		10		10	
1/4	3,597.85	1/4	3,928.54	1/4	4,259.16	1/4	4,580.60	1/4	4,884.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,604.74	1/2	3,935.43	1/2	4,266.01	1/2	4,587.12	1/2	4,890.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,611.63	3/4	3,942.32	3/4	4,272.87	3/4	4,593.64	3/4	4,896.90	3/4		3/4		3/4		3/4		3/4	
11	3,618.52	11	3,949.21	11	4,279.72	11	4,600.17	11	4,903.06	11		11		11		11		11	
1/4	3,625.41	1/4	3,956.10	1/4	4,286.55	1/4	4,606.67	1/4	4,909.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,632.30	1/2	3,962.99	1/2	4,293.38	1/2	4,613.16	1/2	4,915.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,639.19	3/4	3,969.88	3/4	4,300.21	3/4	4,619.66	3/4	4,921.44	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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	21.40	0	326.04	0	629.49	0	918.05	0	1,245.68	0	1,576.60	0	1,907.52	0	2,238.43	0	2,569.31	0	2,900.00
1/4	25.79	1/4	332.51	1/4	635.64	1/4	924.57	1/4	1,252.58	1/4	1,583.49	1/4	1,914.41	1/4	2,245.33	1/4	2,576.20	1/4	2,906.89
1/2	30.18	1/2	338.98	1/2	641.78	1/2	931.10	1/2	1,259.47	1/2	1,590.39	1/2	1,921.31	1/2	2,252.22	1/2	2,583.09	1/2	2,913.78
3/4	34.57	3/4	345.46	3/4	647.92	3/4	937.63	3/4	1,266.37	3/4	1,597.28	3/4	1,928.20	3/4	2,259.12	3/4	2,589.97	3/4	2,920.67
1	38.97	1	351.93	1	654.07	1	944.15	1	1,273.26	1	1,604.18	1	1,935.09	1	2,266.01	1	2,596.86	1	2,927.56
1/4	44.71	1/4	358.37	1/4	660.18	1/4	950.69	1/4	1,280.15	1/4	1,611.07	1/4	1,941.99	1/4	2,272.90	1/4	2,603.75	1/4	2,934.44
1/2	50.45	1/2	364.82	1/2	666.30	1/2	957.22	1/2	1,287.05	1/2	1,617.96	1/2	1,948.88	1/2	2,279.80	1/2	2,610.64	1/2	2,941.33
3/4	56.19	3/4	371.26	3/4	672.41	3/4	963.75	3/4	1,293.94	3/4	1,624.86	3/4	1,955.78	3/4	2,286.69	3/4	2,617.53	3/4	2,948.22
2	61.93	2	377.71	2	678.53	2	970.28	2	1,300.84	2	1,631.75	2	1,962.67	2	2,293.59	2	2,624.42	2	2,955.11
1/4	68.48	1/4	384.13	1/4	684.35	1/4	977.08	1/4	1,307.73	1/4	1,638.65	1/4	1,969.56	1/4	2,300.48	1/4	2,631.31	1/4	2,962.00
1/2	75.03	1/2	390.54	1/2	690.16	1/2	983.89	1/2	1,314.62	1/2	1,645.54	1/2	1,976.46	1/2	2,307.37	1/2	2,638.20	1/2	2,968.89
3/4	81.58	3/4	396.96	3/4	695.98	3/4	990.69	3/4	1,321.52	3/4	1,652.44	3/4	1,983.35	3/4	2,314.27	3/4	2,645.09	3/4	2,975.78
3	88.13	3	403.38	3	701.80	3	997.50	3	1,328.41	3	1,659.33	3	1,990.25	3	2,321.16	3	2,651.98	3	2,982.67
1/4	94.83	1/4	409.77	1/4	707.49	1/4	1,004.39	1/4	1,335.31	1/4	1,666.22	1/4	1,997.14	1/4	2,328.06	1/4	2,658.87	1/4	2,989.56
1/2	101.54	1/2	416.16	1/2	713.19	1/2	1,011.28	1/2	1,342.20	1/2	1,673.12	1/2	2,004.03	1/2	2,334.95	1/2	2,665.76	1/2	2,996.45
3/4	108.24	3/4	422.55	3/4	718.88	3/4	1,018.18	3/4	1,349.09	3/4	1,680.01	3/4	2,010.93	3/4	2,341.85	3/4	2,672.65	3/4	3,003.34
4	114.95	4	428.95	4	724.58	4	1,025.07	4	1,355.99	4	1,686.91	4	2,017.82	4	2,348.74	4	2,679.54	4	3,010.23
1/4	121.64	1/4	435.31	1/4	730.24	1/4	1,031.97	1/4	1,362.88	1/4	1,693.80	1/4	2,024.72	1/4	2,355.63	1/4	2,686.43	1/4	3,017.12
1/2	128.33	1/2	441.67	1/2	735.91	1/2	1,038.86	1/2	1,369.78	1/2	1,700.69	1/2	2,031.61	1/2	2,362.53	1/2	2,693.32	1/2	3,024.01
3/4	135.02	3/4	448.04	3/4	741.58	3/4	1,045.75	3/4	1,376.67	3/4	1,707.59	3/4	2,038.50	3/4	2,369.42	3/4	2,700.20	3/4	3,030.90
5	141.71	5	454.40	5	747.24	5	1,052.65	5	1,383.57	5	1,714.48	5	2,045.40	5	2,376.32	5	2,707.09	5	3,037.79
1/4	148.37	1/4	460.74	1/4	752.88	1/4	1,059.54	1/4	1,390.46	1/4	1,721.38	1/4	2,052.29	1/4	2,383.21	1/4	2,713.98	1/4	3,044.67
1/2	155.04	1/2	467.07	1/2	758.52	1/2	1,066.44	1/2	1,397.35	1/2	1,728.27	1/2	2,059.19	1/2	2,390.10	1/2	2,720.87	1/2	3,051.56
3/4	161.71	3/4	473.41	3/4	764.16	3/4	1,073.33	3/4	1,404.25	3/4	1,735.16	3/4	2,066.08	3/4	2,397.00	3/4	2,727.76	3/4	3,058.45
6	168.37	6	479.74	6	769.79	6	1,080.23	6	1,411.14	6	1,742.06	6	2,072.98	6	2,403.89	6	2,734.65	6	3,065.34
1/4	175.01	1/4	486.05	1/4	775.41	1/4	1,087.12	1/4	1,418.04	1/4	1,748.95	1/4	2,079.87	1/4	2,410.79	1/4	2,741.54	1/4	3,072.23
1/2	181.65	1/2	492.36	1/2	781.02	1/2	1,094.01	1/2	1,424.93	1/2	1,755.85	1/2	2,086.76	1/2	2,417.68	1/2	2,748.43	1/2	3,079.12
3/4	188.29	3/4	498.67	3/4	786.63	3/4	1,100.91	3/4	1,431.82	3/4	1,762.74	3/4	2,093.66	3/4	2,424.57	3/4	2,755.32	3/4	3,086.01
7	194.93	7	504.98	7	792.24	7	1,107.80	7	1,438.72	7	1,769.64	7	2,100.55	7	2,431.47	7	2,762.21	7	3,092.90
1/4	201.54	1/4	511.26	1/4	797.82	1/4	1,114.70	1/4	1,445.61	1/4	1,776.53	1/4	2,107.45	1/4	2,438.36	1/4	2,769.10	1/4	3,099.79
1/2	208.15	1/2	517.54	1/2	803.40	1/2	1,121.59	1/2	1,452.51	1/2	1,783.42	1/2	2,114.34	1/2	2,445.26	1/2	2,775.99	1/2	3,106.68
3/4	214.76	3/4	523.82	3/4	808.99	3/4	1,128.48	3/4	1,459.40	3/4	1,790.32	3/4	2,121.23	3/4	2,452.15	3/4	2,782.88	3/4	3,113.57
8	221.37	8	530.10	8	814.57	8	1,135.38	8	1,466.29	8	1,797.21	8	2,128.13	8	2,459.05	8	2,789.77	8	3,120.46
1/4	227.96	1/4	536.35	1/4	820.86	1/4	1,142.27	1/4	1,473.19	1/4	1,804.11	1/4	2,135.02	1/4	2,465.94	1/4	2,796.66	1/4	3,127.35
1/2	234.54	1/2	542.61	1/2	827.15	1/2	1,149.17	1/2	1,480.08	1/2	1,811.00	1/2	2,141.92	1/2	2,472.83	1/2	2,803.55	1/2	3,134.24
3/4	241.13	3/4	548.86	3/4	833.44	3/4	1,156.06	3/4	1,486.98	3/4	1,817.89	3/4	2,148.81	3/4	2,479.73	3/4	2,810.44	3/4	3,141.13
9	247.71	9	555.11	9	839.73	9	1,162.95	9	1,493.87	9	1,824.79	9	2,155.70	9	2,486.62	9	2,817.32	9	3,148.02
1/4	254.27	1/4	561.34	1/4	846.25	1/4	1,169.85	1/4	1,500.77	1/4	1,831.68	1/4	2,162.60	1/4	2,493.52	1/4	2,824.21	1/4	3,154.91
1/2	260.82	1/2	567.57	1/2	852.78	1/2	1,176.74	1/2	1,507.66	1/2	1,838.58	1/2	2,169.49	1/2	2,500.41	1/2	2,831.10	1/2	3,161.79
3/4	267.38	3/4	573.79	3/4	859.31	3/4	1,183.64	3/4	1,514.55	3/4	1,845.47	3/4	2,176.39	3/4	2,507.30	3/4	2,837.99	3/4	3,168.68
10	273.93	10	580.02	10	865.83	10	1,190.53	10	1,521.45	10	1,852.36	10	2,183.28	10	2,514.20	10	2,844.88	10	3,175.57
1/4	280.46	1/4	586.22	1/4	872.36	1/4	1,197.42	1/4	1,528.34	1/4	1,859.26	1/4	2,190.18	1/4	2,521.09	1/4	2,851.77	1/4	3,182.46
1/2	286.99	1/2	592.41	1/2	878.89	1/2	1,204.32	1/2	1,535.24	1/2	1,866.15	1/2	2,197.07	1/2	2,527.97	1/2	2,858.66	1/2	3,189.35
3/4	293.52	3/4	598.61	3/4	885.41	3/4	1,211.21	3/4	1,542.13	3/4	1,873.05	3/4	2,203.96	3/4	2,534.86	3/4	2,865.55	3/4	3,196.24
11	300.05	11	604.81	11	891.94	11	1,218.11	11	1,549.02	11	1,879.94	11	2,210.86	11	2,541.75	11	2,872.44	11	3,203.13
1/4	306.55	1/4	610.98	1/4	898.47	1/4	1,225.00	1/4	1,555.92	1/4	1,886.83	1/4	2,217.75	1/4	2,548.64	1/4	2,879.33	1/4	3,210.02
1/2	313.05	1/2	617.15	1/2	904.99	1/2	1,231.90	1/2	1,562.81	1/2	1,893.73	1/2	2,224.65	1/2	2,555.53	1/2	2,886.22	1/2	3,216.91
3/4	319.55	3/4	623.32	3/4	911.52	3/4	1,238.79	3/4	1,569.71	3/4	1,900.62	3/4	2,231.54	3/4	2,562.42	3/4	2,893.11	3/4	3,223.80

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 INNAGE 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.

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



BARGE "CTCO 255"

2 STBD INNAGE 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	3,230.69	0	3,561.38	0	3,892.07	0	4,222.76	0	4,553.45	0	4,882.30	0		0		0		0	
1/4	3,237.58	1/4	3,568.27	1/4	3,898.96	1/4	4,229.65	1/4	4,560.31	1/4	4,889.15	1/4		1/4		1/4		1/4	
1/2	3,244.47	1/2	3,575.16	1/2	3,905.85	1/2	4,236.54	1/2	4,567.17	1/2	4,896.00	1/2		1/2		1/2		1/2	
3/4	3,251.36	3/4	3,582.05	3/4	3,912.74	3/4	4,243.43	3/4	4,574.03	3/4	4,902.85	3/4		3/4		3/4		3/4	
1	3,258.25	1	3,588.94	1	3,919.63	1	4,250.32	1	4,580.89	1	4,909.70	1		1		1		1	
1/4	3,265.14	1/4	3,595.83	1/4	3,926.52	1/4	4,257.21	1/4	4,587.74	1/4	4,916.55	1/4		1/4		1/4		1/4	
1/2	3,272.03	1/2	3,602.72	1/2	3,933.41	1/2	4,264.10	1/2	4,594.59	1/2	4,923.40	1/2		1/2		1/2		1/2	
3/4	3,278.91	3/4	3,609.61	3/4	3,940.30	3/4	4,270.99	3/4	4,601.44	3/4	4,930.25	3/4		3/4		3/4		3/4	
2	3,285.80	2	3,616.50	2	3,947.19	2	4,277.88	2	4,608.29	2	4,937.10	2		2		2		2	
1/4	3,292.69	1/4	3,623.38	1/4	3,954.08	1/4	4,284.77	1/4	4,615.14	1/4	4,943.95	1/4		1/4		1/4		1/4	
1/2	3,299.58	1/2	3,630.27	1/2	3,960.97	1/2	4,291.66	1/2	4,621.99	1/2	4,950.80	1/2		1/2		1/2		1/2	
3/4	3,306.47	3/4	3,637.16	3/4	3,967.85	3/4	4,298.55	3/4	4,628.84	3/4	4,957.65	3/4		3/4		3/4		3/4	
3	3,313.36	3	3,644.05	3	3,974.74	3	4,305.44	3	4,635.69	3	4,964.50	3		3		3		3	
1/4	3,320.25	1/4	3,650.94	1/4	3,981.63	1/4	4,312.32	1/4	4,642.54	1/4	4,971.31	1/4		1/4		1/4		1/4	
1/2	3,327.14	1/2	3,657.83	1/2	3,988.52	1/2	4,319.21	1/2	4,649.39	1/2	4,978.11	1/2		1/2		1/2		1/2	
3/4	3,334.03	3/4	3,664.72	3/4	3,995.41	3/4	4,326.10	3/4	4,656.24	3/4	4,984.92	3/4		3/4		3/4		3/4	
4	3,340.92	4	3,671.61	4	4,002.30	4	4,332.99	4	4,663.09	4	4,991.73	4		4		4		4	
1/4	3,347.81	1/4	3,678.50	1/4	4,009.19	1/4	4,339.88	1/4	4,669.94	1/4	4,998.52	1/4		1/4		1/4		1/4	
1/2	3,354.70	1/2	3,685.39	1/2	4,016.08	1/2	4,346.77	1/2	4,676.79	1/2	5,005.32	1/2		1/2		1/2		1/2	
3/4	3,361.59	3/4	3,692.28	3/4	4,022.97	3/4	4,353.66	3/4	4,683.64	3/4	5,012.11	3/4		3/4		3/4		3/4	
5	3,368.48	5	3,699.17	5	4,029.86	5	4,360.55	5	4,690.49	5	5,018.91	5		5		5		5	
1/4	3,375.37	1/4	3,706.06	1/4	4,036.75	1/4	4,367.44	1/4	4,697.34	1/4	5,025.70	1/4		1/4		1/4		1/4	
1/2	3,382.26	1/2	3,712.95	1/2	4,043.64	1/2	4,374.33	1/2	4,704.19	1/2	5,032.50	1/2		1/2		1/2		1/2	
3/4	3,389.14	3/4	3,719.84	3/4	4,050.53	3/4	4,381.22	3/4	4,711.04	3/4	5,039.29	3/4		3/4		3/4		3/4	
6	3,396.03	6	3,726.73	6	4,057.42	6	4,388.11	6	4,717.89	6	5,046.09	6		6		6		6	
1/4	3,402.92	1/4	3,733.61	1/4	4,064.31	1/4	4,395.00	1/4	4,724.74	1/4	5,052.89	1/4		1/4		1/4		1/4	
1/2	3,409.81	1/2	3,740.50	1/2	4,071.20	1/2	4,401.89	1/2	4,731.59	1/2	5,059.68	1/2		1/2		1/2		1/2	
3/4	3,416.70	3/4	3,747.39	3/4	4,078.08	3/4	4,408.78	3/4	4,738.44	3/4	5,066.48	3/4		3/4		3/4		3/4	
7	3,423.59	7	3,754.28	7	4,084.97	7	4,415.67	7	4,745.29	7	5,073.28	7		7		7		7	
1/4	3,430.48	1/4	3,761.17	1/4	4,091.86	1/4	4,422.55	1/4	4,752.14	1/4	5,079.56	1/4		1/4		1/4		1/4	
1/2	3,437.37	1/2	3,768.06	1/2	4,098.75	1/2	4,429.44	1/2	4,758.99	1/2	5,085.84	1/2		1/2		1/2		1/2	
3/4	3,444.26	3/4	3,774.95	3/4	4,105.64	3/4	4,436.33	3/4	4,765.84	3/4	5,092.12	3/4		3/4		3/4		3/4	
8	3,451.15	8	3,781.84	8	4,112.53	8	4,443.22	8	4,772.69	8	5,098.40	8		8		8		8	
1/4	3,458.04	1/4	3,788.73	1/4	4,119.42	1/4	4,450.11	1/4	4,779.55	1/4	5,103.51	1/4		1/4		1/4		1/4	
1/2	3,464.93	1/2	3,795.62	1/2	4,126.31	1/2	4,457.00	1/2	4,786.40	1/2	5,108.61	1/2		1/2		1/2		1/2	
3/4	3,471.82	3/4	3,802.51	3/4	4,133.20	3/4	4,463.89	3/4	4,793.25	3/4		3/4		3/4		3/4		3/4	
9	3,478.71	9	3,809.40	9	4,140.09	9	4,470.78	9	4,800.10	9		9		9		9		9	
1/4	3,485.60	1/4	3,816.29	1/4	4,146.98	1/4	4,477.67	1/4	4,806.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,492.49	1/2	3,823.18	1/2	4,153.87	1/2	4,484.56	1/2	4,813.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,499.38	3/4	3,830.07	3/4	4,160.76	3/4	4,491.45	3/4	4,820.65	3/4		3/4		3/4		3/4		3/4	
10	3,506.26	10	3,836.96	10	4,167.65	10	4,498.34	10	4,827.50	10		10		10		10		10	
1/4	3,513.15	1/4	3,843.85	1/4	4,174.54	1/4	4,505.23	1/4	4,834.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,520.04	1/2	3,850.73	1/2	4,181.43	1/2	4,512.12	1/2	4,841.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,526.93	3/4	3,857.62	3/4	4,188.32	3/4	4,519.01	3/4	4,848.05	3/4		3/4		3/4		3/4		3/4	
11	3,533.82	11	3,864.51	11	4,195.20	11	4,525.90	11	4,854.90	11		11		11		11		11	
1/4	3,540.71	1/4	3,871.40	1/4	4,202.09	1/4	4,532.79	1/4	4,861.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,547.60	1/2	3,878.29	1/2	4,208.98	1/2	4,539.67	1/2	4,868.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,554.49	3/4	3,885.18	3/4	4,215.87	3/4	4,546.56	3/4	4,875.45	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 INNAGE 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	21.73	0	336.42	0	665.71	0	994.61	0	1,323.87	0	1,653.20	0	1,982.46	0	2,311.72	0	2,641.01	0	2,970.12
1/4	26.19	1/4	343.27	1/4	672.57	1/4	1,001.46	1/4	1,330.73	1/4	1,660.06	1/4	1,989.32	1/4	2,318.58	1/4	2,647.87	1/4	2,976.97
1/2	30.64	1/2	350.13	1/2	679.43	1/2	1,008.31	1/2	1,337.59	1/2	1,666.92	1/2	1,996.18	1/2	2,325.45	1/2	2,654.73	1/2	2,983.83
3/4	35.10	3/4	356.99	3/4	686.29	3/4	1,015.16	3/4	1,344.46	3/4	1,673.78	3/4	2,003.03	3/4	2,332.31	3/4	2,661.58	3/4	2,990.69
1	39.56	1	363.85	1	693.15	1	1,022.01	1	1,351.32	1	1,680.64	1	2,009.89	1	2,339.17	1	2,668.44	1	2,997.54
1/4	45.39	1/4	370.71	1/4	700.01	1/4	1,028.86	1/4	1,358.18	1/4	1,687.50	1/4	2,016.75	1/4	2,346.03	1/4	2,675.30	1/4	3,004.40
1/2	51.22	1/2	377.57	1/2	706.87	1/2	1,035.72	1/2	1,365.04	1/2	1,694.36	1/2	2,023.61	1/2	2,352.89	1/2	2,682.15	1/2	3,011.25
3/4	57.05	3/4	384.42	3/4	713.73	3/4	1,042.58	3/4	1,371.90	3/4	1,701.22	3/4	2,030.46	3/4	2,359.75	3/4	2,689.01	3/4	3,018.11
2	62.88	2	391.28	2	720.59	2	1,049.44	2	1,378.76	2	1,708.08	2	2,037.32	2	2,366.61	2	2,695.86	2	3,024.97
1/4	69.54	1/4	398.15	1/4	727.45	1/4	1,056.30	1/4	1,385.62	1/4	1,714.94	1/4	2,044.18	1/4	2,373.47	1/4	2,702.72	1/4	3,031.82
1/2	76.20	1/2	405.01	1/2	734.31	1/2	1,063.16	1/2	1,392.48	1/2	1,721.80	1/2	2,051.04	1/2	2,380.33	1/2	2,709.58	1/2	3,038.68
3/4	82.87	3/4	411.87	3/4	741.18	3/4	1,070.02	3/4	1,399.34	3/4	1,728.67	3/4	2,057.89	3/4	2,387.19	3/4	2,716.43	3/4	3,045.54
3	89.53	3	418.73	3	748.04	3	1,076.88	3	1,406.20	3	1,735.53	3	2,064.75	3	2,394.05	3	2,723.29	3	3,052.39
1/4	96.37	1/4	425.59	1/4	754.89	1/4	1,083.74	1/4	1,413.06	1/4	1,742.39	1/4	2,071.61	1/4	2,400.91	1/4	2,730.15	1/4	3,059.25
1/2	103.22	1/2	432.45	1/2	761.74	1/2	1,090.60	1/2	1,419.93	1/2	1,749.25	1/2	2,078.46	1/2	2,407.78	1/2	2,737.00	1/2	3,066.10
3/4	110.06	3/4	439.31	3/4	768.59	3/4	1,097.46	3/4	1,426.79	3/4	1,756.11	3/4	2,085.32	3/4	2,414.64	3/4	2,743.86	3/4	3,072.96
4	116.90	4	446.17	4	775.44	4	1,104.32	4	1,433.65	4	1,762.97	4	2,092.18	4	2,421.50	4	2,750.71	4	3,079.82
1/4	123.76	1/4	453.03	1/4	782.29	1/4	1,111.18	1/4	1,440.51	1/4	1,769.83	1/4	2,099.04	1/4	2,428.36	1/4	2,757.57	1/4	3,086.67
1/2	130.62	1/2	459.89	1/2	789.14	1/2	1,118.05	1/2	1,447.37	1/2	1,776.69	1/2	2,105.90	1/2	2,435.22	1/2	2,764.43	1/2	3,093.53
3/4	137.47	3/4	466.75	3/4	795.99	3/4	1,124.91	3/4	1,454.23	3/4	1,783.55	3/4	2,112.76	3/4	2,442.08	3/4	2,771.28	3/4	3,100.39
5	144.33	5	473.61	5	802.84	5	1,131.77	5	1,461.09	5	1,790.41	5	2,119.62	5	2,448.94	5	2,778.14	5	3,107.24
1/4	151.19	1/4	480.47	1/4	809.69	1/4	1,138.63	1/4	1,467.95	1/4	1,797.27	1/4	2,126.48	1/4	2,455.80	1/4	2,785.00	1/4	3,114.10
1/2	158.05	1/2	487.33	1/2	816.54	1/2	1,145.49	1/2	1,474.81	1/2	1,804.14	1/2	2,133.34	1/2	2,462.66	1/2	2,791.85	1/2	3,120.96
3/4	164.91	3/4	494.19	3/4	823.39	3/4	1,152.35	3/4	1,481.67	3/4	1,811.00	3/4	2,140.20	3/4	2,469.52	3/4	2,798.71	3/4	3,127.81
6	171.77	6	501.05	6	830.24	6	1,159.21	6	1,488.53	6	1,817.86	6	2,147.06	6	2,476.38	6	2,805.57	6	3,134.67
1/4	178.63	1/4	507.91	1/4	837.08	1/4	1,166.07	1/4	1,495.39	1/4	1,824.72	1/4	2,153.92	1/4	2,483.25	1/4	2,812.42	1/4	3,141.52
1/2	185.49	1/2	514.78	1/2	843.93	1/2	1,172.93	1/2	1,502.26	1/2	1,831.58	1/2	2,160.78	1/2	2,490.11	1/2	2,819.28	1/2	3,148.38
3/4	192.35	3/4	521.64	3/4	850.78	3/4	1,179.79	3/4	1,509.12	3/4	1,838.44	3/4	2,167.64	3/4	2,496.97	3/4	2,826.13	3/4	3,155.24
7	199.22	7	528.50	7	857.63	7	1,186.65	7	1,515.98	7	1,845.30	7	2,174.51	7	2,503.83	7	2,832.99	7	3,162.09
1/4	206.08	1/4	535.36	1/4	864.48	1/4	1,193.52	1/4	1,522.84	1/4	1,852.16	1/4	2,181.37	1/4	2,510.69	1/4	2,839.85	1/4	3,168.95
1/2	212.94	1/2	542.22	1/2	871.33	1/2	1,200.38	1/2	1,529.70	1/2	1,859.02	1/2	2,188.23	1/2	2,517.55	1/2	2,846.70	1/2	3,175.81
3/4	219.80	3/4	549.08	3/4	878.18	3/4	1,207.24	3/4	1,536.56	3/4	1,865.88	3/4	2,195.09	3/4	2,524.41	3/4	2,853.56	3/4	3,182.66
8	226.66	8	555.94	8	885.03	8	1,214.10	8	1,543.42	8	1,872.74	8	2,201.95	8	2,531.27	8	2,860.42	8	3,189.52
1/4	233.52	1/4	562.80	1/4	891.88	1/4	1,220.96	1/4	1,550.28	1/4	1,879.60	1/4	2,208.81	1/4	2,538.13	1/4	2,867.27	1/4	3,196.37
1/2	240.38	1/2	569.66	1/2	898.73	1/2	1,227.82	1/2	1,557.14	1/2	1,886.46	1/2	2,215.67	1/2	2,544.99	1/2	2,874.13	1/2	3,203.23
3/4	247.24	3/4	576.52	3/4	905.57	3/4	1,234.68	3/4	1,564.00	3/4	1,893.32	3/4	2,222.53	3/4	2,551.85	3/4	2,880.98	3/4	3,210.09
9	254.10	9	583.38	9	912.42	9	1,241.54	9	1,570.86	9	1,900.18	9	2,229.39	9	2,558.72	9	2,887.84	9	3,216.94
1/4	260.96	1/4	590.24	1/4	919.27	1/4	1,248.40	1/4	1,577.73	1/4	1,907.03	1/4	2,236.25	1/4	2,565.58	1/4	2,894.70	1/4	3,223.80
1/2	267.82	1/2	597.10	1/2	926.12	1/2	1,255.26	1/2	1,584.59	1/2	1,913.89	1/2	2,243.11	1/2	2,572.44	1/2	2,901.55	1/2	3,230.66
3/4	274.68	3/4	603.96	3/4	932.97	3/4	1,262.12	3/4	1,591.45	3/4	1,920.75	3/4	2,249.98	3/4	2,579.30	3/4	2,908.41	3/4	3,237.51
10	281.54	10	610.82	10	939.82	10	1,268.99	10	1,598.31	10	1,927.61	10	2,256.84	10	2,586.16	10	2,915.27	10	3,244.37
1/4	288.40	1/4	617.68	1/4	946.67	1/4	1,275.85	1/4	1,605.17	1/4	1,934.46	1/4	2,263.70	1/4	2,593.02	1/4	2,922.12	1/4	3,251.22
1/2	295.27	1/2	624.54	1/2	953.52	1/2	1,282.71	1/2	1,612.03	1/2	1,941.32	1/2	2,270.56	1/2	2,599.87	1/2	2,928.98	1/2	3,258.08
3/4	302.13	3/4	631.41	3/4	960.37	3/4	1,289.57	3/4	1,618.89	3/4	1,948.18	3/4	2,277.42	3/4	2,606.73	3/4	2,935.83	3/4	3,264.94
11	308.99	11	638.27	11	967.22	11	1,296.43	11	1,625.75	11	1,955.03	11	2,284.28	11	2,613.59	11	2,942.69	11	3,271.79
1/4	315.84	1/4	645.13	1/4	974.06	1/4	1,303.29	1/4	1,632.61	1/4	1,961.89	1/4	2,291.14	1/4	2,620.45	1/4	2,949.55	1/4	3,278.65
1/2	322.70	1/2	651.99	1/2	980.91	1/2	1,310.15	1/2	1,639.47	1/2	1,968.75	1/2	2,298.00	1/2	2,627.30	1/2	2,956.40	1/2	3,285.51
3/4	329.56	3/4	658.85	3/4	987.76	3/4	1,317.01	3/4	1,646.33	3/4	1,975.61	3/4	2,304.86	3/4	2,634.16	3/4	2,963.26	3/4	3,292.36

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 INNAGE 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.

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





BARGE "CTCO 255"

3 PORT INNAGE 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	3,299.22	0	3,613.46	0	3,840.70	0	4,067.66	0	4,286.95	0	4,493.48	0		0		0		0	
1/4	3,306.08	1/4	3,618.19	1/4	3,845.44	1/4	4,072.33	1/4	4,291.36	1/4	4,497.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,312.93	1/2	3,622.93	1/2	3,850.17	1/2	4,077.00	1/2	4,295.78	1/2	4,501.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,319.79	3/4	3,627.66	3/4	3,854.90	3/4	4,081.67	3/4	4,300.19	3/4	4,506.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,326.64	1	3,632.40	1	3,859.64	1	4,086.35	1	4,304.61	1	4,510.19	1	1	1	1	1	1	1	1
1/4	3,333.50	1/4	3,637.13	1/4	3,864.37	1/4	4,091.00	1/4	4,309.00	1/4	4,514.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,340.36	1/2	3,641.87	1/2	3,869.11	1/2	4,095.65	1/2	4,313.38	1/2	4,518.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,347.21	3/4	3,646.60	3/4	3,873.84	3/4	4,100.31	3/4	4,317.77	3/4	4,522.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,354.07	2	3,651.33	2	3,878.58	2	4,104.96	2	4,322.16	2	4,526.83	2	2	2	2	2	2	2	2
1/4	3,360.93	1/4	3,656.07	1/4	3,883.31	1/4	4,109.60	1/4	4,326.53	1/4	4,530.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,367.78	1/2	3,660.80	1/2	3,888.04	1/2	4,114.23	1/2	4,330.90	1/2	4,535.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,374.64	3/4	3,665.54	3/4	3,892.78	3/4	4,118.87	3/4	4,335.26	3/4	4,539.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,381.49	3	3,670.27	3	3,897.51	3	4,123.50	3	4,339.63	3	4,543.40	3	3	3	3	3	3	3	3
1/4	3,388.35	1/4	3,675.01	1/4	3,902.25	1/4	4,128.12	1/4	4,343.98	1/4	4,547.48	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,395.21	1/2	3,679.74	1/2	3,906.98	1/2	4,132.73	1/2	4,348.33	1/2	4,551.56	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,402.06	3/4	3,684.47	3/4	3,911.72	3/4	4,137.35	3/4	4,352.68	3/4	4,555.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,408.92	4	3,689.21	4	3,916.45	4	4,141.96	4	4,357.03	4	4,559.72	4	4	4	4	4	4	4	4
1/4	3,415.78	1/4	3,693.94	1/4	3,921.18	1/4	4,146.56	1/4	4,361.36	1/4	4,563.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,422.63	1/2	3,698.68	1/2	3,925.92	1/2	4,151.16	1/2	4,365.69	1/2	4,567.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,429.49	3/4	3,703.41	3/4	3,930.65	3/4	4,155.76	3/4	4,370.02	3/4	4,571.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,436.34	5	3,708.14	5	3,935.39	5	4,160.35	5	4,374.35	5	4,575.91	5	5	5	5	5	5	5	5
1/4	3,443.20	1/4	3,712.88	1/4	3,940.12	1/4	4,164.93	1/4	4,378.66	1/4	4,579.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,450.06	1/2	3,717.61	1/2	3,944.85	1/2	4,169.51	1/2	4,382.97	1/2	4,583.97	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,456.91	3/4	3,722.35	3/4	3,949.59	3/4	4,174.09	3/4	4,387.28	3/4	4,588.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,463.77	6	3,727.08	6	3,954.32	6	4,178.66	6	4,391.60	6	4,592.03	6	6	6	6	6	6	6	6
1/4	3,470.63	1/4	3,731.82	1/4	3,959.06	1/4	4,183.22	1/4	4,395.89	1/4	4,596.04	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,477.48	1/2	3,736.55	1/2	3,963.79	1/2	4,187.78	1/2	4,400.18	1/2	4,600.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,484.34	3/4	3,741.28	3/4	3,968.53	3/4	4,192.34	3/4	4,404.47	3/4	4,604.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,491.20	7	3,746.02	7	3,973.26	7	4,196.90	7	4,408.77	7	4,608.08	7	7	7	7	7	7	7	7
1/4	3,498.05	1/4	3,750.75	1/4	3,977.99	1/4	4,201.44	1/4	4,413.04	1/4	4,611.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,504.91	1/2	3,755.49	1/2	3,982.73	1/2	4,205.98	1/2	4,417.31	1/2	4,615.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,511.76	3/4	3,760.22	3/4	3,987.46	3/4	4,210.52	3/4	4,421.59	3/4	4,618.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,518.62	8	3,764.95	8	3,992.20	8	4,215.06	8	4,425.86	8	4,621.99	8	8	8	8	8	8	8	8
1/4	3,525.48	1/4	3,769.69	1/4	3,996.93	1/4	4,219.58	1/4	4,430.11	1/4	4,624.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,532.33	1/2	3,774.42	1/2	4,001.66	1/2	4,224.10	1/2	4,434.37	1/2	4,627.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,539.19	3/4	3,779.16	3/4	4,006.40	3/4	4,228.63	3/4	4,438.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,546.05	9	3,783.89	9	4,011.13	9	4,233.15	9	4,442.88	9		9	9	9	9	9	9	9	9
1/4	3,552.90	1/4	3,788.63	1/4	4,015.86	1/4	4,237.65	1/4	4,447.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,559.76	1/2	3,793.36	1/2	4,020.59	1/2	4,242.15	1/2	4,451.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,566.61	3/4	3,798.09	3/4	4,025.32	3/4	4,246.65	3/4	4,455.59	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,573.47	10	3,802.83	10	4,030.05	10	4,251.16	10	4,459.82	10		10	10	10	10	10	10	10	10
1/4	3,578.73	1/4	3,807.56	1/4	4,034.76	1/4	4,255.64	1/4	4,464.04	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,584.00	1/2	3,812.30	1/2	4,039.47	1/2	4,260.12	1/2	4,468.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,589.26	3/4	3,817.03	3/4	4,044.18	3/4	4,264.61	3/4	4,472.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,594.52	11	3,821.77	11	4,048.89	11	4,269.09	11	4,476.69	11		11	11	11	11	11	11	11	11
1/4	3,599.26	1/4	3,826.50	1/4	4,053.58	1/4	4,273.55	1/4	4,480.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,603.99	1/2	3,831.23	1/2	4,058.27	1/2	4,278.02	1/2	4,485.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,608.73	3/4	3,835.97	3/4	4,062.96	3/4	4,282.48	3/4	4,489.28	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.

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

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	21.74	0	336.44	0	665.36	0	980.44	0	1,305.25	0	1,633.60	0	1,961.94	0	2,290.45	0	2,618.99	0	2,947.34
1/4	26.20	1/4	343.30	1/4	672.21	1/4	986.93	1/4	1,312.09	1/4	1,640.44	1/4	1,968.78	1/4	2,297.29	1/4	2,625.83	1/4	2,954.16
1/2	30.66	1/2	350.15	1/2	679.05	1/2	993.42	1/2	1,318.93	1/2	1,647.28	1/2	1,975.62	1/2	2,304.14	1/2	2,632.67	1/2	2,960.97
3/4	35.12	3/4	357.01	3/4	685.90	3/4	999.91	3/4	1,325.78	3/4	1,654.12	3/4	1,982.46	3/4	2,310.98	3/4	2,639.51	3/4	2,967.78
1	39.57	1	363.87	1	692.75	1	1,006.41	1	1,332.62	1	1,660.96	1	1,989.30	1	2,317.83	1	2,646.35	1	2,974.60
1/4	45.40	1/4	370.73	1/4	699.57	1/4	1,012.90	1/4	1,339.46	1/4	1,667.80	1/4	1,996.14	1/4	2,324.68	1/4	2,653.19	1/4	2,981.40
1/2	51.23	1/2	377.59	1/2	706.38	1/2	1,019.39	1/2	1,346.30	1/2	1,674.64	1/2	2,002.98	1/2	2,331.52	1/2	2,660.03	1/2	2,988.20
3/4	57.06	3/4	384.45	3/4	713.19	3/4	1,025.88	3/4	1,353.14	3/4	1,681.48	3/4	2,009.83	3/4	2,338.37	3/4	2,666.88	3/4	2,995.01
2	62.90	2	391.31	2	720.01	2	1,032.37	2	1,359.98	2	1,688.32	2	2,016.67	2	2,345.21	2	2,673.72	2	3,001.81
1/4	69.56	1/4	398.17	1/4	726.59	1/4	1,039.09	1/4	1,366.82	1/4	1,695.16	1/4	2,023.51	1/4	2,352.06	1/4	2,680.56	1/4	3,008.62
1/2	76.22	1/2	405.03	1/2	733.17	1/2	1,045.80	1/2	1,373.66	1/2	1,702.00	1/2	2,030.35	1/2	2,358.90	1/2	2,687.40	1/2	3,015.42
3/4	82.88	3/4	411.89	3/4	739.75	3/4	1,052.51	3/4	1,380.50	3/4	1,708.84	3/4	2,037.19	3/4	2,365.75	3/4	2,694.24	3/4	3,022.23
3	89.54	3	418.75	3	746.33	3	1,059.22	3	1,387.34	3	1,715.68	3	2,044.03	3	2,372.59	3	2,701.08	3	3,029.03
1/4	96.39	1/4	425.61	1/4	752.84	1/4	1,066.03	1/4	1,394.18	1/4	1,722.52	1/4	2,050.87	1/4	2,379.44	1/4	2,707.92	1/4	3,035.84
1/2	103.23	1/2	432.46	1/2	759.34	1/2	1,072.85	1/2	1,401.02	1/2	1,729.36	1/2	2,057.71	1/2	2,386.28	1/2	2,714.76	1/2	3,042.64
3/4	110.08	3/4	439.32	3/4	765.85	3/4	1,079.66	3/4	1,407.86	3/4	1,736.21	3/4	2,064.56	3/4	2,393.13	3/4	2,721.60	3/4	3,049.44
4	116.92	4	446.18	4	772.35	4	1,086.48	4	1,414.70	4	1,743.05	4	2,071.40	4	2,399.97	4	2,728.44	4	3,056.25
1/4	123.78	1/4	453.03	1/4	778.86	1/4	1,093.31	1/4	1,421.54	1/4	1,749.89	1/4	2,078.24	1/4	2,406.82	1/4	2,735.28	1/4	3,063.05
1/2	130.63	1/2	459.88	1/2	785.37	1/2	1,100.13	1/2	1,428.38	1/2	1,756.73	1/2	2,085.09	1/2	2,413.66	1/2	2,742.12	1/2	3,069.86
3/4	137.49	3/4	466.73	3/4	791.87	3/4	1,106.96	3/4	1,435.22	3/4	1,763.57	3/4	2,091.94	3/4	2,420.51	3/4	2,748.96	3/4	3,076.66
5	144.35	5	473.58	5	798.38	5	1,113.79	5	1,442.06	5	1,770.41	5	2,098.78	5	2,427.36	5	2,755.80	5	3,083.47
1/4	151.21	1/4	480.43	1/4	804.88	1/4	1,120.62	1/4	1,448.90	1/4	1,777.25	1/4	2,105.63	1/4	2,434.20	1/4	2,762.64	1/4	3,090.27
1/2	158.07	1/2	487.28	1/2	811.39	1/2	1,127.44	1/2	1,455.74	1/2	1,784.09	1/2	2,112.47	1/2	2,441.05	1/2	2,769.49	1/2	3,097.08
3/4	164.93	3/4	494.13	3/4	817.90	3/4	1,134.27	3/4	1,462.59	3/4	1,790.93	3/4	2,119.32	3/4	2,447.89	3/4	2,776.33	3/4	3,103.88
6	171.79	6	500.98	6	824.40	6	1,141.10	6	1,469.43	6	1,797.77	6	2,126.16	6	2,454.74	6	2,783.17	6	3,110.69
1/4	178.65	1/4	507.82	1/4	830.91	1/4	1,147.93	1/4	1,476.27	1/4	1,804.61	1/4	2,133.01	1/4	2,461.58	1/4	2,790.01	1/4	3,117.52
1/2	185.51	1/2	514.67	1/2	837.41	1/2	1,154.77	1/2	1,483.11	1/2	1,811.45	1/2	2,139.85	1/2	2,468.43	1/2	2,796.85	1/2	3,124.35
3/4	192.37	3/4	521.52	3/4	843.92	3/4	1,161.61	3/4	1,489.95	3/4	1,818.29	3/4	2,146.70	3/4	2,475.27	3/4	2,803.69	3/4	3,131.18
7	199.24	7	528.37	7	850.43	7	1,168.44	7	1,496.79	7	1,825.13	7	2,153.54	7	2,482.12	7	2,810.53	7	3,138.01
1/4	206.10	1/4	535.22	1/4	856.93	1/4	1,175.28	1/4	1,503.63	1/4	1,831.97	1/4	2,160.39	1/4	2,488.96	1/4	2,817.37	1/4	3,144.85
1/2	212.96	1/2	542.07	1/2	863.44	1/2	1,182.12	1/2	1,510.47	1/2	1,838.81	1/2	2,167.23	1/2	2,495.81	1/2	2,824.21	1/2	3,151.69
3/4	219.82	3/4	548.92	3/4	869.94	3/4	1,188.97	3/4	1,517.31	3/4	1,845.65	3/4	2,174.08	3/4	2,502.65	3/4	2,831.05	3/4	3,158.53
8	226.68	8	555.77	8	876.45	8	1,195.81	8	1,524.15	8	1,852.49	8	2,180.92	8	2,509.50	8	2,837.89	8	3,165.38
1/4	233.54	1/4	562.62	1/4	882.96	1/4	1,202.65	1/4	1,530.99	1/4	1,859.33	1/4	2,187.77	1/4	2,516.34	1/4	2,844.73	1/4	3,172.22
1/2	240.40	1/2	569.47	1/2	889.46	1/2	1,209.49	1/2	1,537.83	1/2	1,866.17	1/2	2,194.61	1/2	2,523.19	1/2	2,851.57	1/2	3,179.06
3/4	247.26	3/4	576.32	3/4	895.97	3/4	1,216.33	3/4	1,544.67	3/4	1,873.02	3/4	2,201.46	3/4	2,530.03	3/4	2,858.41	3/4	3,185.90
9	254.12	9	583.17	9	902.47	9	1,223.17	9	1,551.51	9	1,879.86	9	2,208.31	9	2,536.88	9	2,865.26	9	3,192.74
1/4	260.98	1/4	590.01	1/4	908.98	1/4	1,230.01	1/4	1,558.35	1/4	1,886.70	1/4	2,215.15	1/4	2,543.73	1/4	2,872.10	1/4	3,199.58
1/2	267.85	1/2	596.86	1/2	915.49	1/2	1,236.85	1/2	1,565.19	1/2	1,893.54	1/2	2,222.00	1/2	2,550.57	1/2	2,878.94	1/2	3,206.42
3/4	274.71	3/4	603.71	3/4	921.99	3/4	1,243.69	3/4	1,572.03	3/4	1,900.38	3/4	2,228.84	3/4	2,557.42	3/4	2,885.78	3/4	3,213.26
10	281.57	10	610.56	10	928.50	10	1,250.53	10	1,578.87	10	1,907.22	10	2,235.69	10	2,564.26	10	2,892.62	10	3,220.10
1/4	288.43	1/4	617.41	1/4	934.99	1/4	1,257.37	1/4	1,585.71	1/4	1,914.06	1/4	2,242.53	1/4	2,571.10	1/4	2,899.46	1/4	3,226.94
1/2	295.29	1/2	624.26	1/2	941.49	1/2	1,264.21	1/2	1,592.55	1/2	1,920.90	1/2	2,249.38	1/2	2,577.94	1/2	2,906.30	1/2	3,233.78
3/4	302.15	3/4	631.11	3/4	947.98	3/4	1,271.05	3/4	1,599.40	3/4	1,927.74	3/4	2,256.22	3/4	2,584.79	3/4	2,913.14	3/4	3,240.62
11	309.01	11	637.96	11	954.47	11	1,277.89	11	1,606.24	11	1,934.58	11	2,263.07	11	2,591.63	11	2,919.98	11	3,247.46
1/4	315.87	1/4	644.81	1/4	960.97	1/4	1,284.73	1/4	1,613.08	1/4	1,941.42	1/4	2,269.91	1/4	2,598.47	1/4	2,926.82	1/4	3,254.30
1/2	322.72	1/2	651.66	1/2	967.46	1/2	1,291.57	1/2	1,619.92	1/2	1,948.26	1/2	2,276.76	1/2	2,605.31	1/2	2,933.66	1/2	3,261.14
3/4	329.58	3/4	658.51	3/4	973.95	3/4	1,298.41	3/4	1,626.76	3/4	1,955.10	3/4	2,283.60	3/4	2,612.15	3/4	2,940.50	3/4	3,267.99

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 INNAGE 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.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCO 255"

3 STBD INNAGE 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.	
0	3,274.83	0	3,588.62	0	3,815.86	0	4,042.81	0	4,262.10	0	4,468.64	0		0		0		0	
1/4	3,281.67	1/4	3,593.35	1/4	3,820.59	1/4	4,047.49	1/4	4,266.52	1/4	4,472.82	1/4	1/4	1/4		1/4		1/4	
1/2	3,288.51	1/2	3,598.09	1/2	3,825.33	1/2	4,052.16	1/2	4,270.94	1/2	4,477.00	1/2	1/2	1/2		1/2		1/2	
3/4	3,295.35	3/4	3,602.82	3/4	3,830.06	3/4	4,056.83	3/4	4,275.35	3/4	4,481.17	3/4	3/4	3/4		3/4		3/4	
1	3,302.19	1	3,607.56	1	3,834.80	1	4,061.50	1	4,279.77	1	4,485.35	1	1	1		1		1	
1/4	3,309.03	1/4	3,612.29	1/4	3,839.53	1/4	4,066.16	1/4	4,284.16	1/4	4,489.51	1/4	1/4	1/4		1/4		1/4	
1/2	3,315.87	1/2	3,617.02	1/2	3,844.27	1/2	4,070.81	1/2	4,288.54	1/2	4,493.67	1/2	1/2	1/2		1/2		1/2	
3/4	3,322.71	3/4	3,621.76	3/4	3,849.00	3/4	4,075.47	3/4	4,292.93	3/4	4,497.83	3/4	3/4	3/4		3/4		3/4	
2	3,329.55	2	3,626.49	2	3,853.73	2	4,080.12	2	4,297.32	2	4,501.99	2	2	2		2		2	
1/4	3,336.39	1/4	3,631.23	1/4	3,858.47	1/4	4,084.75	1/4	4,301.69	1/4	4,506.13	1/4	1/4	1/4		1/4		1/4	
1/2	3,343.23	1/2	3,635.96	1/2	3,863.20	1/2	4,089.39	1/2	4,306.05	1/2	4,510.27	1/2	1/2	1/2		1/2		1/2	
3/4	3,350.07	3/4	3,640.69	3/4	3,867.94	3/4	4,094.02	3/4	4,310.42	3/4	4,514.42	3/4	3/4	3/4		3/4		3/4	
3	3,356.91	3	3,645.43	3	3,872.67	3	4,098.66	3	4,314.79	3	4,518.56	3	3	3		3		3	
1/4	3,363.76	1/4	3,650.16	1/4	3,877.40	1/4	4,103.28	1/4	4,319.14	1/4	4,522.64	1/4	1/4	1/4		1/4		1/4	
1/2	3,370.60	1/2	3,654.90	1/2	3,882.14	1/2	4,107.89	1/2	4,323.49	1/2	4,526.72	1/2	1/2	1/2		1/2		1/2	
3/4	3,377.44	3/4	3,659.63	3/4	3,886.87	3/4	4,112.51	3/4	4,327.84	3/4	4,530.80	3/4	3/4	3/4		3/4		3/4	
4	3,384.28	4	3,664.37	4	3,891.61	4	4,117.12	4	4,332.19	4	4,534.88	4	4	4		4		4	
1/4	3,391.12	1/4	3,669.10	1/4	3,896.34	1/4	4,121.72	1/4	4,336.52	1/4	4,538.93	1/4	1/4	1/4		1/4		1/4	
1/2	3,397.96	1/2	3,673.83	1/2	3,901.08	1/2	4,126.32	1/2	4,340.85	1/2	4,542.97	1/2	1/2	1/2		1/2		1/2	
3/4	3,404.80	3/4	3,678.57	3/4	3,905.81	3/4	4,130.91	3/4	4,345.18	3/4	4,547.02	3/4	3/4	3/4		3/4		3/4	
5	3,411.64	5	3,683.30	5	3,910.54	5	4,135.51	5	4,349.51	5	4,551.07	5	5	5		5		5	
1/4	3,418.48	1/4	3,688.04	1/4	3,915.28	1/4	4,140.09	1/4	4,353.82	1/4	4,555.10	1/4	1/4	1/4		1/4		1/4	
1/2	3,425.32	1/2	3,692.77	1/2	3,920.01	1/2	4,144.67	1/2	4,358.13	1/2	4,559.13	1/2	1/2	1/2		1/2		1/2	
3/4	3,432.16	3/4	3,697.50	3/4	3,924.75	3/4	4,149.24	3/4	4,362.44	3/4	4,563.16	3/4	3/4	3/4		3/4		3/4	
6	3,439.00	6	3,702.24	6	3,929.48	6	4,153.82	6	4,366.75	6	4,567.19	6	6	6		6		6	
1/4	3,445.84	1/4	3,706.97	1/4	3,934.21	1/4	4,158.38	1/4	4,371.05	1/4	4,571.20	1/4	1/4	1/4		1/4		1/4	
1/2	3,452.68	1/2	3,711.71	1/2	3,938.95	1/2	4,162.94	1/2	4,375.34	1/2	4,575.21	1/2	1/2	1/2		1/2		1/2	
3/4	3,459.53	3/4	3,716.44	3/4	3,943.68	3/4	4,167.50	3/4	4,379.63	3/4	4,579.23	3/4	3/4	3/4		3/4		3/4	
7	3,466.37	7	3,721.18	7	3,948.42	7	4,172.06	7	4,383.92	7	4,583.24	7	7	7		7		7	
1/4	3,473.22	1/4	3,725.91	1/4	3,953.15	1/4	4,176.60	1/4	4,388.20	1/4	4,586.71	1/4	1/4	1/4		1/4		1/4	
1/2	3,480.07	1/2	3,730.64	1/2	3,957.89	1/2	4,181.14	1/2	4,392.47	1/2	4,590.19	1/2	1/2	1/2		1/2		1/2	
3/4	3,486.92	3/4	3,735.38	3/4	3,962.62	3/4	4,185.68	3/4	4,396.74	3/4	4,593.67	3/4	3/4	3/4		3/4		3/4	
8	3,493.77	8	3,740.11	8	3,967.35	8	4,190.22	8	4,401.02	8	4,597.15	8	8	8		8		8	
1/4	3,500.63	1/4	3,744.85	1/4	3,972.09	1/4	4,194.74	1/4	4,405.27	1/4	4,599.94	1/4	1/4	1/4		1/4		1/4	
1/2	3,507.48	1/2	3,749.58	1/2	3,976.82	1/2	4,199.26	1/2	4,409.53	1/2	4,602.73	1/2	1/2	1/2		1/2		1/2	
3/4	3,514.34	3/4	3,754.32	3/4	3,981.56	3/4	4,203.78	3/4	4,413.78	3/4		3/4	3/4	3/4		3/4		3/4	
9	3,521.20	9	3,759.05	9	3,986.29	9	4,208.30	9	4,418.04	9		9	9	9		9		9	
1/4	3,528.05	1/4	3,763.78	1/4	3,991.02	1/4	4,212.81	1/4	4,422.27	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	3,534.91	1/2	3,768.52	1/2	3,995.75	1/2	4,217.31	1/2	4,426.51	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	3,541.77	3/4	3,773.25	3/4	4,000.48	3/4	4,221.81	3/4	4,430.74	3/4		3/4	3/4	3/4		3/4		3/4	
10	3,548.62	10	3,777.99	10	4,005.21	10	4,226.31	10	4,434.98	10		10	10	10		10		10	
1/4	3,553.89	1/4	3,782.72	1/4	4,009.92	1/4	4,230.80	1/4	4,439.20	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	3,559.15	1/2	3,787.45	1/2	4,014.63	1/2	4,235.28	1/2	4,443.41	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	3,564.42	3/4	3,792.19	3/4	4,019.34	3/4	4,239.76	3/4	4,447.63	3/4		3/4	3/4	3/4		3/4		3/4	
11	3,569.68	11	3,796.92	11	4,024.05	11	4,244.25	11	4,451.85	11		11	11	11		11		11	
1/4	3,574.42	1/4	3,801.66	1/4	4,028.74	1/4	4,248.71	1/4	4,456.04	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	3,579.15	1/2	3,806.39	1/2	4,033.43	1/2	4,253.18	1/2	4,460.24	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	3,583.88	3/4	3,811.13	3/4	4,038.12	3/4	4,257.64	3/4	4,464.44	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"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	19	1/4	909	1/4	1,799	1/4	2,674	1/4	3,500	1/4	4,273	1/4		1/4		1/4		1/4			
1/2	37	1/2	927	1/2	1,817	1/2	2,692	1/2	3,517	1/2	4,289	1/2		1/2		1/2		1/2			
3/4	56	3/4	946	3/4	1,836	3/4	2,710	3/4	3,533	3/4	4,304	3/4		3/4		3/4		3/4			
1	74	1	964	1	1,854	1	2,728	1	3,550	1	4,320	1		1		1		1			
1/4	93	1/4	983	1/4	1,873	1/4	2,745	1/4	3,566	1/4	4,335	1/4		1/4		1/4		1/4			
1/2	111	1/2	1,001	1/2	1,891	1/2	2,763	1/2	3,583	1/2	4,351	1/2		1/2		1/2		1/2			
3/4	130	3/4	1,020	3/4	1,910	3/4	2,781	3/4	3,599	3/4		3/4		3/4		3/4		3/4			
2	148	2	1,038	2	1,928	2	2,798	2	3,616	2		2		2		2		2			
1/4	167	1/4	1,057	1/4	1,947	1/4	2,816	1/4	3,632	1/4		1/4		1/4		1/4		1/4			
1/2	185	1/2	1,075	1/2	1,965	1/2	2,833	1/2	3,649	1/2		1/2		1/2		1/2		1/2			
3/4	204	3/4	1,094	3/4	1,984	3/4	2,851	3/4	3,665	3/4		3/4		3/4		3/4		3/4			
3	222	3	1,112	3	2,002	3	2,868	3	3,682	3		3		3		3		3			
1/4	241	1/4	1,131	1/4	2,021	1/4	2,886	1/4	3,698	1/4		1/4		1/4		1/4		1/4			
1/2	260	1/2	1,150	1/2	2,040	1/2	2,903	1/2	3,714	1/2		1/2		1/2		1/2		1/2			
3/4	278	3/4	1,168	3/4	2,058	3/4	2,921	3/4	3,731	3/4		3/4		3/4		3/4		3/4			
4	297	4	1,187	4	2,077	4	2,938	4	3,747	4		4		4		4		4			
1/4	315	1/4	1,205	1/4	2,095	1/4	2,955	1/4	3,763	1/4		1/4		1/4		1/4		1/4			
1/2	334	1/2	1,224	1/2	2,113	1/2	2,973	1/2	3,780	1/2		1/2		1/2		1/2		1/2			
3/4	352	3/4	1,242	3/4	2,132	3/4	2,990	3/4	3,796	3/4		3/4		3/4		3/4		3/4			
5	371	5	1,261	5	2,150	5	3,008	5	3,812	5		5		5		5		5			
1/4	389	1/4	1,279	1/4	2,169	1/4	3,025	1/4	3,828	1/4		1/4		1/4		1/4		1/4			
1/2	408	1/2	1,298	1/2	2,187	1/2	3,042	1/2	3,845	1/2		1/2		1/2		1/2		1/2			
3/4	426	3/4	1,316	3/4	2,205	3/4	3,059	3/4	3,861	3/4		3/4		3/4		3/4		3/4			
6	445	6	1,335	6	2,224	6	3,077	6	3,877	6		6		6		6		6			
1/4	464	1/4	1,354	1/4	2,242	1/4	3,094	1/4	3,893	1/4		1/4		1/4		1/4		1/4			
1/2	482	1/2	1,372	1/2	2,260	1/2	3,111	1/2	3,909	1/2		1/2		1/2		1/2		1/2			
3/4	501	3/4	1,391	3/4	2,279	3/4	3,128	3/4	3,925	3/4		3/4		3/4		3/4		3/4			
7	519	7	1,409	7	2,297	7	3,145	7	3,941	7		7		7		7		7			
1/4	538	1/4	1,428	1/4	2,315	1/4	3,162	1/4	3,957	1/4		1/4		1/4		1/4		1/4			
1/2	556	1/2	1,446	1/2	2,333	1/2	3,179	1/2	3,973	1/2		1/2		1/2		1/2		1/2			
3/4	575	3/4	1,465	3/4	2,351	3/4	3,197	3/4	3,989	3/4		3/4		3/4		3/4		3/4			
8	593	8	1,483	8	2,370	8	3,214	8	4,005	8		8		8		8		8			
1/4	612	1/4	1,502	1/4	2,388	1/4	3,231	1/4	4,021	1/4		1/4		1/4		1/4		1/4			
1/2	630	1/2	1,520	1/2	2,406	1/2	3,248	1/2	4,037	1/2		1/2		1/2		1/2		1/2			
3/4	649	3/4	1,539	3/4	2,424	3/4	3,265	3/4	4,053	3/4		3/4		3/4		3/4		3/4			
9	667	9	1,557	9	2,442	9	3,282	9	4,069	9		9		9		9		9			
1/4	686	1/4	1,576	1/4	2,460	1/4	3,299	1/4	4,085	1/4		1/4		1/4		1/4		1/4			
1/2	705	1/2	1,595	1/2	2,478	1/2	3,315	1/2	4,100	1/2		1/2		1/2		1/2		1/2			
3/4	723	3/4	1,613	3/4	2,496	3/4	3,332	3/4	4,116	3/4		3/4		3/4		3/4		3/4			
10	742	10	1,632	10	2,514	10	3,349	10	4,132	10		10		10		10		10			
1/4	760	1/4	1,650	1/4	2,532	1/4	3,366	1/4	4,148	1/4		1/4		1/4		1/4		1/4			
1/2	779	1/2	1,669	1/2	2,550	1/2	3,383	1/2	4,164	1/2		1/2		1/2		1/2		1/2			
3/4	797	3/4	1,687	3/4	2,568	3/4	3,400	3/4	4,179	3/4		3/4		3/4		3/4		3/4			
11	816	11	1,706	11	2,586	11	3,416	11	4,195	11		11		11		11		11			
1/4	834	1/4	1,724	1/4	2,603	1/4	3,433	1/4	4,211	1/4		1/4		1/4		1/4		1/4			
1/2	853	1/2	1,743	1/2	2,621	1/2	3,450	1/2	4,226	1/2		1/2		1/2		1/2		1/2			
3/4	871	3/4	1,761	3/4	2,639	3/4	3,467	3/4	4,242	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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT MANWAY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	890	0	1,780	0	2,657	0	3,483	0	4,257	0		0		0		0	
1/4	19	1/4	909	1/4	1,799	1/4	2,674	1/4	3,500	1/4	4,273	1/4		1/4		1/4		1/4	
1/2	37	1/2	927	1/2	1,817	1/2	2,692	1/2	3,517	1/2	4,289	1/2		1/2		1/2		1/2	
3/4	56	3/4	946	3/4	1,836	3/4	2,710	3/4	3,533	3/4	4,304	3/4		3/4		3/4		3/4	
1	74	1	964	1	1,854	1	2,728	1	3,550	1	4,320	1		1		1		1	
1/4	93	1/4	983	1/4	1,873	1/4	2,745	1/4	3,566	1/4	4,335	1/4		1/4		1/4		1/4	
1/2	111	1/2	1,001	1/2	1,891	1/2	2,763	1/2	3,583	1/2	4,351	1/2		1/2		1/2		1/2	
3/4	130	3/4	1,020	3/4	1,910	3/4	2,781	3/4	3,599	3/4		3/4		3/4		3/4		3/4	
2	148	2	1,038	2	1,928	2	2,798	2	3,616	2		2		2		2		2	
1/4	167	1/4	1,057	1/4	1,947	1/4	2,816	1/4	3,632	1/4		1/4		1/4		1/4		1/4	
1/2	185	1/2	1,075	1/2	1,965	1/2	2,833	1/2	3,649	1/2		1/2		1/2		1/2		1/2	
3/4	204	3/4	1,094	3/4	1,984	3/4	2,851	3/4	3,665	3/4		3/4		3/4		3/4		3/4	
3	222	3	1,112	3	2,002	3	2,868	3	3,682	3		3		3		3		3	
1/4	241	1/4	1,131	1/4	2,021	1/4	2,886	1/4	3,698	1/4		1/4		1/4		1/4		1/4	
1/2	260	1/2	1,150	1/2	2,040	1/2	2,903	1/2	3,714	1/2		1/2		1/2		1/2		1/2	
3/4	278	3/4	1,168	3/4	2,058	3/4	2,921	3/4	3,731	3/4		3/4		3/4		3/4		3/4	
4	297	4	1,187	4	2,077	4	2,938	4	3,747	4		4		4		4		4	
1/4	315	1/4	1,205	1/4	2,095	1/4	2,955	1/4	3,763	1/4		1/4		1/4		1/4		1/4	
1/2	334	1/2	1,224	1/2	2,113	1/2	2,973	1/2	3,780	1/2		1/2		1/2		1/2		1/2	
3/4	352	3/4	1,242	3/4	2,132	3/4	2,990	3/4	3,796	3/4		3/4		3/4		3/4		3/4	
5	371	5	1,261	5	2,150	5	3,008	5	3,812	5		5		5		5		5	
1/4	389	1/4	1,279	1/4	2,169	1/4	3,025	1/4	3,828	1/4		1/4		1/4		1/4		1/4	
1/2	408	1/2	1,298	1/2	2,187	1/2	3,042	1/2	3,845	1/2		1/2		1/2		1/2		1/2	
3/4	426	3/4	1,316	3/4	2,205	3/4	3,059	3/4	3,861	3/4		3/4		3/4		3/4		3/4	
6	445	6	1,335	6	2,224	6	3,077	6	3,877	6		6		6		6		6	
1/4	464	1/4	1,354	1/4	2,242	1/4	3,094	1/4	3,893	1/4		1/4		1/4		1/4		1/4	
1/2	482	1/2	1,372	1/2	2,260	1/2	3,111	1/2	3,909	1/2		1/2		1/2		1/2		1/2	
3/4	501	3/4	1,391	3/4	2,279	3/4	3,128	3/4	3,925	3/4		3/4		3/4		3/4		3/4	
7	519	7	1,409	7	2,297	7	3,145	7	3,941	7		7		7		7		7	
1/4	538	1/4	1,428	1/4	2,315	1/4	3,162	1/4	3,957	1/4		1/4		1/4		1/4		1/4	
1/2	556	1/2	1,446	1/2	2,333	1/2	3,179	1/2	3,973	1/2		1/2		1/2		1/2		1/2	
3/4	575	3/4	1,465	3/4	2,351	3/4	3,197	3/4	3,989	3/4		3/4		3/4		3/4		3/4	
8	593	8	1,483	8	2,370	8	3,214	8	4,005	8		8		8		8		8	
1/4	612	1/4	1,502	1/4	2,388	1/4	3,231	1/4	4,021	1/4		1/4		1/4		1/4		1/4	
1/2	630	1/2	1,520	1/2	2,406	1/2	3,248	1/2	4,037	1/2		1/2		1/2		1/2		1/2	
3/4	649	3/4	1,539	3/4	2,424	3/4	3,265	3/4	4,053	3/4		3/4		3/4		3/4		3/4	
9	667	9	1,557	9	2,442	9	3,282	9	4,069	9		9		9		9		9	
1/4	686	1/4	1,576	1/4	2,460	1/4	3,299	1/4	4,085	1/4		1/4		1/4		1/4		1/4	
1/2	705	1/2	1,595	1/2	2,478	1/2	3,315	1/2	4,100	1/2		1/2		1/2		1/2		1/2	
3/4	723	3/4	1,613	3/4	2,496	3/4	3,332	3/4	4,116	3/4		3/4		3/4		3/4		3/4	
10	742	10	1,632	10	2,514	10	3,349	10	4,132	10		10		10		10		10	
1/4	760	1/4	1,650	1/4	2,532	1/4	3,366	1/4	4,148	1/4		1/4		1/4		1/4		1/4	
1/2	779	1/2	1,669	1/2	2,550	1/2	3,383	1/2	4,164	1/2		1/2		1/2		1/2		1/2	
3/4	797	3/4	1,687	3/4	2,568	3/4	3,400	3/4	4,179	3/4		3/4		3/4		3/4		3/4	
11	816	11	1,706	11	2,586	11	3,416	11	4,195	11		11		11		11		11	
1/4	834	1/4	1,724	1/4	2,603	1/4	3,433	1/4	4,211	1/4		1/4		1/4		1/4		1/4	
1/2	853	1/2	1,743	1/2	2,621	1/2	3,450	1/2	4,226	1/2		1/2		1/2		1/2		1/2	
3/4	871	3/4	1,761	3/4	2,639	3/4	3,467	3/4	4,242	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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT MANWAY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/2"

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	347	0	694	0	1,041	0	1,388	0	1,735	0		0		0		0	
1/4	7	1/4	354	1/4	701	1/4	1,048	1/4	1,395	1/4	1,742	1/4		1/4		1/4		1/4	
1/2	14	1/2	361	1/2	708	1/2	1,055	1/2	1,402	1/2	1,749	1/2		1/2		1/2		1/2	
3/4	22	3/4	369	3/4	716	3/4	1,062	3/4	1,409	3/4	1,756	3/4		3/4		3/4		3/4	
1	29	1	376	1	723	1	1,070	1	1,417	1	1,763	1		1		1		1	
1/4	36	1/4	383	1/4	730	1/4	1,077	1/4	1,424	1/4	1,771	1/4		1/4		1/4		1/4	
1/2	43	1/2	390	1/2	737	1/2	1,084	1/2	1,431	1/2	1,778	1/2		1/2		1/2		1/2	
3/4	51	3/4	398	3/4	744	3/4	1,091	3/4	1,438	3/4		3/4		3/4		3/4		3/4	
2	58	2	405	2	752	2	1,099	2	1,445	2		2		2		2		2	
1/4	65	1/4	412	1/4	759	1/4	1,106	1/4	1,453	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	419	1/2	766	1/2	1,113	1/2	1,460	1/2		1/2		1/2		1/2		1/2	
3/4	80	3/4	426	3/4	773	3/4	1,120	3/4	1,467	3/4		3/4		3/4		3/4		3/4	
3	87	3	434	3	781	3	1,127	3	1,474	3		3		3		3		3	
1/4	94	1/4	441	1/4	788	1/4	1,135	1/4	1,482	1/4		1/4		1/4		1/4		1/4	
1/2	101	1/2	448	1/2	795	1/2	1,142	1/2	1,489	1/2		1/2		1/2		1/2		1/2	
3/4	108	3/4	455	3/4	802	3/4	1,149	3/4	1,496	3/4		3/4		3/4		3/4		3/4	
4	116	4	463	4	809	4	1,156	4	1,503	4		4		4		4		4	
1/4	123	1/4	470	1/4	817	1/4	1,164	1/4	1,511	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	477	1/2	824	1/2	1,171	1/2	1,518	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	484	3/4	831	3/4	1,178	3/4	1,525	3/4		3/4		3/4		3/4		3/4	
5	145	5	491	5	838	5	1,185	5	1,532	5		5		5		5		5	
1/4	152	1/4	499	1/4	846	1/4	1,193	1/4	1,539	1/4		1/4		1/4		1/4		1/4	
1/2	159	1/2	506	1/2	853	1/2	1,200	1/2	1,547	1/2		1/2		1/2		1/2		1/2	
3/4	166	3/4	513	3/4	860	3/4	1,207	3/4	1,554	3/4		3/4		3/4		3/4		3/4	
6	173	6	520	6	867	6	1,214	6	1,561	6		6		6		6		6	
1/4	181	1/4	528	1/4	875	1/4	1,221	1/4	1,568	1/4		1/4		1/4		1/4		1/4	
1/2	188	1/2	535	1/2	882	1/2	1,229	1/2	1,576	1/2		1/2		1/2		1/2		1/2	
3/4	195	3/4	542	3/4	889	3/4	1,236	3/4	1,583	3/4		3/4		3/4		3/4		3/4	
7	202	7	549	7	896	7	1,243	7	1,590	7		7		7		7		7	
1/4	210	1/4	557	1/4	903	1/4	1,250	1/4	1,597	1/4		1/4		1/4		1/4		1/4	
1/2	217	1/2	564	1/2	911	1/2	1,258	1/2	1,604	1/2		1/2		1/2		1/2		1/2	
3/4	224	3/4	571	3/4	918	3/4	1,265	3/4	1,612	3/4		3/4		3/4		3/4		3/4	
8	231	8	578	8	925	8	1,272	8	1,619	8		8		8		8		8	
1/4	239	1/4	585	1/4	932	1/4	1,279	1/4	1,626	1/4		1/4		1/4		1/4		1/4	
1/2	246	1/2	593	1/2	940	1/2	1,286	1/2	1,633	1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	600	3/4	947	3/4	1,294	3/4	1,641	3/4		3/4		3/4		3/4		3/4	
9	260	9	607	9	954	9	1,301	9	1,648	9		9		9		9		9	
1/4	267	1/4	614	1/4	961	1/4	1,308	1/4	1,655	1/4		1/4		1/4		1/4		1/4	
1/2	275	1/2	622	1/2	968	1/2	1,315	1/2	1,662	1/2		1/2		1/2		1/2		1/2	
3/4	282	3/4	629	3/4	976	3/4	1,323	3/4	1,670	3/4		3/4		3/4		3/4		3/4	
10	289	10	636	10	983	10	1,330	10	1,677	10		10		10		10		10	
1/4	296	1/4	643	1/4	990	1/4	1,337	1/4	1,684	1/4		1/4		1/4		1/4		1/4	
1/2	304	1/2	650	1/2	997	1/2	1,344	1/2	1,691	1/2		1/2		1/2		1/2		1/2	
3/4	311	3/4	658	3/4	1,005	3/4	1,352	3/4	1,698	3/4		3/4		3/4		3/4		3/4	
11	318	11	665	11	1,012	11	1,359	11	1,706	11		11		11		11		11	
1/4	325	1/4	672	1/4	1,019	1/4	1,366	1/4	1,713	1/4		1/4		1/4		1/4		1/4	
1/2	332	1/2	679	1/2	1,026	1/2	1,373	1/2	1,720	1/2		1/2		1/2		1/2		1/2	
3/4	340	3/4	687	3/4	1,034	3/4	1,380	3/4	1,727	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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT MANWAY

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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