



BARGE "CTCo 330"

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	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-2/8	00-2/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-2/8	00-2/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-2/8	- 00-2/8	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-2/8	- 00-2/8	00-2/8	- 00-2/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(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 2 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-09"

July 1, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 330"

1 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	19.11	0	315.77	0	671.01	0	1,035.73	0	1,401.60	0	1,768.00	0	2,128.18	0	2,494.52	0	2,860.85	0	3,227.05
1/4	22.99	1/4	322.75	1/4	678.64	1/4	1,043.32	1/4	1,409.23	1/4	1,775.63	1/4	2,135.81	1/4	2,502.15	1/4	2,868.48	1/4	3,234.68
1/2	26.87	1/2	329.74	1/2	686.27	1/2	1,050.91	1/2	1,416.86	1/2	1,783.27	1/2	2,143.44	1/2	2,509.78	1/2	2,876.12	1/2	3,242.31
3/4	30.75	3/4	336.72	3/4	693.91	3/4	1,058.50	3/4	1,424.50	3/4	1,790.90	3/4	2,151.08	3/4	2,517.41	3/4	2,883.75	3/4	3,249.93
1	34.64	1	343.70	1	701.54	1	1,066.09	1	1,432.13	1	1,798.53	1	2,158.71	1	2,525.04	1	2,891.38	1	3,257.56
1/4	39.93	1/4	350.77	1/4	709.17	1/4	1,073.69	1/4	1,439.76	1/4	1,806.17	1/4	2,166.34	1/4	2,532.68	1/4	2,899.01	1/4	3,265.19
1/2	45.22	1/2	357.84	1/2	716.81	1/2	1,081.28	1/2	1,447.40	1/2	1,813.80	1/2	2,173.97	1/2	2,540.31	1/2	2,906.64	1/2	3,272.82
3/4	50.52	3/4	364.91	3/4	724.44	3/4	1,088.87	3/4	1,455.03	3/4	1,821.43	3/4	2,181.60	3/4	2,547.94	3/4	2,914.28	3/4	3,280.45
2	55.81	2	371.98	2	732.07	2	1,096.47	2	1,462.66	2	1,829.07	2	2,189.24	2	2,555.57	2	2,921.91	2	3,288.07
1/4	61.89	1/4	379.14	1/4	739.71	1/4	1,104.07	1/4	1,470.30	1/4	1,836.70	1/4	2,196.87	1/4	2,563.20	1/4	2,929.54	1/4	3,295.70
1/2	67.96	1/2	386.30	1/2	747.34	1/2	1,111.67	1/2	1,477.93	1/2	1,844.33	1/2	2,204.50	1/2	2,570.84	1/2	2,937.17	1/2	3,303.33
3/4	74.03	3/4	393.45	3/4	754.97	3/4	1,119.28	3/4	1,485.56	3/4	1,851.97	3/4	2,212.13	3/4	2,578.47	3/4	2,944.80	3/4	3,310.96
3	80.11	3	400.61	3	762.60	3	1,126.88	3	1,493.20	3	1,859.60	3	2,219.76	3	2,586.10	3	2,952.44	3	3,318.58
1/4	86.29	1/4	407.85	1/4	770.23	1/4	1,134.49	1/4	1,500.83	1/4	1,867.22	1/4	2,227.40	1/4	2,593.73	1/4	2,960.07	1/4	3,326.21
1/2	92.48	1/2	415.10	1/2	777.85	1/2	1,142.10	1/2	1,508.46	1/2	1,874.85	1/2	2,235.03	1/2	2,601.36	1/2	2,967.70	1/2	3,333.84
3/4	98.66	3/4	422.34	3/4	785.47	3/4	1,149.72	3/4	1,516.10	3/4	1,882.47	3/4	2,242.66	3/4	2,609.00	3/4	2,975.33	3/4	3,341.47
4	104.84	4	429.58	4	793.09	4	1,157.33	4	1,523.73	4	1,890.10	4	2,250.29	4	2,616.63	4	2,982.96	4	3,349.10
1/4	111.12	1/4	436.91	1/4	800.67	1/4	1,164.96	1/4	1,531.36	1/4	1,897.70	1/4	2,257.92	1/4	2,624.26	1/4	2,990.58	1/4	3,356.72
1/2	117.40	1/2	444.24	1/2	808.25	1/2	1,172.59	1/2	1,539.00	1/2	1,905.30	1/2	2,265.56	1/2	2,631.89	1/2	2,998.21	1/2	3,364.35
3/4	123.68	3/4	451.57	3/4	815.83	3/4	1,180.23	3/4	1,546.63	3/4	1,912.89	3/4	2,273.19	3/4	2,639.52	3/4	3,005.84	3/4	3,371.98
5	129.96	5	458.90	5	823.42	5	1,187.86	5	1,554.26	5	1,920.49	5	2,280.82	5	2,647.16	5	3,013.47	5	3,379.61
1/4	136.33	1/4	466.32	1/4	831.00	1/4	1,195.49	1/4	1,561.90	1/4	1,928.09	1/4	2,288.45	1/4	2,654.79	1/4	3,021.10	1/4	3,387.24
1/2	142.70	1/2	473.73	1/2	838.58	1/2	1,203.13	1/2	1,569.53	1/2	1,935.69	1/2	2,296.08	1/2	2,662.42	1/2	3,028.72	1/2	3,394.86
3/4	149.08	3/4	481.15	3/4	846.16	3/4	1,210.76	3/4	1,577.16	3/4	1,943.28	3/4	2,303.72	3/4	2,670.05	3/4	3,036.35	3/4	3,402.49
6	155.45	6	488.57	6	853.75	6	1,218.39	6	1,584.80	6	1,950.88	6	2,311.35	6	2,677.68	6	3,043.98	6	3,410.12
1/4	161.91	1/4	496.07	1/4	861.33	1/4	1,226.03	1/4	1,592.43	1/4	1,958.31	1/4	2,318.98	1/4	2,685.32	1/4	3,051.61	1/4	3,417.75
1/2	168.38	1/2	503.57	1/2	868.91	1/2	1,233.66	1/2	1,600.06	1/2	1,965.73	1/2	2,326.61	1/2	2,692.95	1/2	3,059.24	1/2	3,425.38
3/4	174.84	3/4	511.08	3/4	876.49	3/4	1,241.29	3/4	1,607.70	3/4	1,973.16	3/4	2,334.24	3/4	2,700.58	3/4	3,066.86	3/4	3,433.00
7	181.30	7	518.58	7	884.08	7	1,248.93	7	1,615.33	7	1,980.59	7	2,341.88	7	2,708.21	7	3,074.49	7	3,440.63
1/4	187.85	1/4	526.16	1/4	891.66	1/4	1,256.56	1/4	1,622.96	1/4	1,987.50	1/4	2,349.51	1/4	2,715.84	1/4	3,082.12	1/4	3,448.26
1/2	194.40	1/2	533.74	1/2	899.24	1/2	1,264.19	1/2	1,630.60	1/2	1,994.41	1/2	2,357.14	1/2	2,723.48	1/2	3,089.75	1/2	3,455.89
3/4	200.95	3/4	541.33	3/4	906.82	3/4	1,271.83	3/4	1,638.23	3/4	2,001.32	3/4	2,364.77	3/4	2,731.11	3/4	3,097.38	3/4	3,463.51
8	207.50	8	548.91	8	914.41	8	1,279.46	8	1,645.86	8	2,008.23	8	2,372.40	8	2,738.74	8	3,105.00	8	3,471.14
1/4	214.14	1/4	556.53	1/4	921.99	1/4	1,287.09	1/4	1,653.50	1/4	2,015.32	1/4	2,380.04	1/4	2,746.37	1/4	3,112.63	1/4	3,478.77
1/2	220.78	1/2	564.16	1/2	929.57	1/2	1,294.73	1/2	1,661.13	1/2	2,022.41	1/2	2,387.67	1/2	2,754.00	1/2	3,120.26	1/2	3,486.40
3/4	227.41	3/4	571.78	3/4	937.15	3/4	1,302.36	3/4	1,668.76	3/4	2,029.50	3/4	2,395.30	3/4	2,761.64	3/4	3,127.89	3/4	3,494.03
9	234.05	9	579.41	9	944.74	9	1,309.99	9	1,676.40	9	2,036.60	9	2,402.93	9	2,769.27	9	3,135.52	9	3,501.65
1/4	240.77	1/4	587.04	1/4	952.32	1/4	1,317.63	1/4	1,684.03	1/4	2,044.23	1/4	2,410.56	1/4	2,776.90	1/4	3,143.14	1/4	3,509.28
1/2	247.50	1/2	594.67	1/2	959.90	1/2	1,325.26	1/2	1,691.66	1/2	2,051.86	1/2	2,418.20	1/2	2,784.53	1/2	3,150.77	1/2	3,516.91
3/4	254.22	3/4	602.31	3/4	967.48	3/4	1,332.89	3/4	1,699.30	3/4	2,059.49	3/4	2,425.83	3/4	2,792.16	3/4	3,158.40	3/4	3,524.53
10	260.94	10	609.94	10	975.07	10	1,340.53	10	1,706.93	10	2,067.12	10	2,433.46	10	2,799.80	10	3,166.03	10	3,532.16
1/4	267.75	1/4	617.57	1/4	982.65	1/4	1,348.16	1/4	1,714.56	1/4	2,074.76	1/4	2,441.09	1/4	2,807.43	1/4	3,173.65	1/4	3,539.77
1/2	274.56	1/2	625.21	1/2	990.23	1/2	1,355.80	1/2	1,722.20	1/2	2,082.39	1/2	2,448.72	1/2	2,815.06	1/2	3,181.28	1/2	3,547.39
3/4	281.37	3/4	632.84	3/4	997.81	3/4	1,363.43	3/4	1,729.83	3/4	2,090.02	3/4	2,456.36	3/4	2,822.69	3/4	3,188.91	3/4	3,555.01
11	288.18	11	640.47	11	1,005.40	11	1,371.06	11	1,737.47	11	2,097.65	11	2,463.99	11	2,830.32	11	3,196.54	11	3,562.62
1/4	295.08	1/4	648.11	1/4	1,012.98	1/4	1,378.70	1/4	1,745.10	1/4	2,105.28	1/4	2,471.62	1/4	2,837.96	1/4	3,204.17	1/4	3,570.24
1/2	301.98	1/2	655.74	1/2	1,020.57	1/2	1,386.33	1/2	1,752.73	1/2	2,112.92	1/2	2,479.25	1/2	2,845.59	1/2	3,211.79	1/2	3,577.85
3/4	308.87	3/4	663.37	3/4	1,028.15	3/4	1,393.96	3/4	1,760.37	3/4	2,120.55	3/4	2,486.88	3/4	2,853.22	3/4	3,219.42	3/4	3,585.47

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 LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

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

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



BARGE "CTCo 330"

**1 PORT
INNAGE TABLE
HERMETIC
GAUGE HEIGHT 15'-03"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,593.09	0	3,958.67	0	4,321.64	0	4,666.14	0	4,997.85	0		0		0		0		0	
1/4	3,600.70	1/4	3,966.29	1/4	4,329.03	1/4	4,673.09	1/4	5,005.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.32	1/2	3,973.90	1/2	4,336.41	1/2	4,680.03	1/2	5,012.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.94	3/4	3,981.52	3/4	4,343.80	3/4	4,686.97	3/4	5,020.53	3/4		3/4		3/4		3/4		3/4	
1	3,623.55	1	3,989.14	1	4,351.18	1	4,693.91	1	5,028.09	1		1		1		1		1	
1/4	3,631.17	1/4	3,996.75	1/4	4,358.53	1/4	4,700.81	1/4	5,035.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,638.79	1/2	4,004.37	1/2	4,365.89	1/2	4,707.71	1/2	5,042.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,646.40	3/4	4,011.98	3/4	4,373.24	3/4	4,714.61	3/4	5,050.20	3/4		3/4		3/4		3/4		3/4	
2	3,654.02	2	4,019.60	2	4,380.59	2	4,721.51	2	5,057.57	2		2		2		2		2	
1/4	3,661.63	1/4	4,027.22	1/4	4,387.90	1/4	4,728.34	1/4	5,063.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.25	1/2	4,034.83	1/2	4,395.21	1/2	4,735.18	1/2	5,070.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.87	3/4	4,042.45	3/4	4,402.52	3/4	4,742.01	3/4	5,076.83	3/4		3/4		3/4		3/4		3/4	
3	3,684.48	3	4,050.07	3	4,409.84	3	4,748.85	3	5,083.24	3		3		3		3		3	
1/4	3,692.10	1/4	4,057.68	1/4	4,417.10	1/4	4,755.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,699.72	1/2	4,065.30	1/2	4,424.36	1/2	4,762.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,707.33	3/4	4,072.91	3/4	4,431.62	3/4	4,769.25	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,714.95	4	4,080.53	4	4,438.88	4	4,776.06	4		4		4		4		4		4	
1/4	3,722.56	1/4	4,088.15	1/4	4,446.10	1/4	4,782.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.18	1/2	4,095.76	1/2	4,453.32	1/2	4,789.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.80	3/4	4,103.38	3/4	4,460.54	3/4	4,796.36	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,745.41	5	4,111.00	5	4,467.76	5	4,803.13	5		5		5		5		5		5	
1/4	3,753.03	1/4	4,118.61	1/4	4,474.95	1/4	4,809.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.65	1/2	4,126.22	1/2	4,482.13	1/2	4,816.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,768.26	3/4	4,133.84	3/4	4,489.32	3/4	4,823.33	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,775.88	6	4,141.45	6	4,496.51	6	4,830.06	6		6		6		6		6		6	
1/4	3,783.49	1/4	4,149.04	1/4	4,503.66	1/4	4,836.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,791.11	1/2	4,156.64	1/2	4,510.81	1/2	4,843.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.73	3/4	4,164.24	3/4	4,517.96	3/4	4,850.16	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,806.34	7	4,171.83	7	4,525.12	7	4,856.86	7		7		7		7		7		7	
1/4	3,813.96	1/4	4,179.39	1/4	4,532.23	1/4	4,863.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,821.58	1/2	4,186.95	1/2	4,539.35	1/2	4,870.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,829.19	3/4	4,194.52	3/4	4,546.47	3/4	4,876.84	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,836.81	8	4,202.08	8	4,553.59	8	4,883.50	8		8		8		8		8		8	
1/4	3,844.43	1/4	4,209.61	1/4	4,560.68	1/4	4,890.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,852.04	1/2	4,217.13	1/2	4,567.76	1/2	4,896.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,859.66	3/4	4,224.66	3/4	4,574.85	3/4	4,903.38	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,867.27	9	4,232.19	9	4,581.93	9	4,910.01	9		9		9		9		9		9	
1/4	3,874.89	1/4	4,239.68	1/4	4,588.99	1/4	4,916.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,882.51	1/2	4,247.18	1/2	4,596.04	1/2	4,923.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,890.12	3/4	4,254.67	3/4	4,603.09	3/4	4,930.54	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,897.74	10	4,262.16	10	4,610.14	10	4,937.38	10		10		10		10		10		10	
1/4	3,905.36	1/4	4,269.61	1/4	4,617.16	1/4	4,944.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,912.97	1/2	4,277.06	1/2	4,624.18	1/2	4,952.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,920.59	3/4	4,284.52	3/4	4,631.20	3/4	4,960.06	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,928.20	11	4,291.97	11	4,638.21	11	4,967.62	11		11		11		11		11		11	
1/4	3,935.82	1/4	4,299.39	1/4	4,645.20	1/4	4,975.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,943.44	1/2	4,306.81	1/2	4,652.18	1/2	4,982.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,951.05	3/4	4,314.22	3/4	4,659.16	3/4	4,990.29	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/01/2014 CL
CALCULATED: 07/01/2014 CL
PRINTED: 07/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 330"

1 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	19.11	0	315.46	0	670.08	0	1,035.46	0	1,401.26	0	1,767.10	0	2,126.71	0	2,492.48	0	2,858.25	0	3,223.89
1/4	22.99	1/4	322.43	1/4	677.70	1/4	1,043.08	1/4	1,408.88	1/4	1,774.72	1/4	2,134.33	1/4	2,500.10	1/4	2,865.87	1/4	3,231.50
1/2	26.87	1/2	329.40	1/2	685.32	1/2	1,050.69	1/2	1,416.50	1/2	1,782.34	1/2	2,141.95	1/2	2,507.72	1/2	2,873.49	1/2	3,239.12
3/4	30.75	3/4	336.38	3/4	692.94	3/4	1,058.31	3/4	1,424.12	3/4	1,789.97	3/4	2,149.57	3/4	2,515.34	3/4	2,881.11	3/4	3,246.74
1	34.64	1	343.35	1	700.56	1	1,065.92	1	1,431.75	1	1,797.59	1	2,157.19	1	2,522.96	1	2,888.73	1	3,254.35
1/4	39.93	1/4	350.41	1/4	708.18	1/4	1,073.54	1/4	1,439.37	1/4	1,805.21	1/4	2,164.81	1/4	2,530.58	1/4	2,896.35	1/4	3,261.97
1/2	45.22	1/2	357.47	1/2	715.81	1/2	1,081.16	1/2	1,446.99	1/2	1,812.83	1/2	2,172.43	1/2	2,538.20	1/2	2,903.97	1/2	3,269.59
3/4	50.52	3/4	364.52	3/4	723.43	3/4	1,088.77	3/4	1,454.61	3/4	1,820.45	3/4	2,180.05	3/4	2,545.82	3/4	2,911.59	3/4	3,277.20
2	55.81	2	371.58	2	731.05	2	1,096.39	2	1,462.23	2	1,828.07	2	2,187.67	2	2,553.44	2	2,919.21	2	3,284.82
1/4	61.89	1/4	378.73	1/4	738.67	1/4	1,104.01	1/4	1,469.85	1/4	1,835.70	1/4	2,195.29	1/4	2,561.06	1/4	2,926.83	1/4	3,292.43
1/2	67.96	1/2	385.87	1/2	746.29	1/2	1,111.63	1/2	1,477.48	1/2	1,843.32	1/2	2,202.91	1/2	2,568.68	1/2	2,934.45	1/2	3,300.05
3/4	74.04	3/4	393.02	3/4	753.91	3/4	1,119.26	3/4	1,485.10	3/4	1,850.94	3/4	2,210.53	3/4	2,576.30	3/4	2,942.07	3/4	3,307.67
3	80.11	3	400.16	3	761.53	3	1,126.88	3	1,492.72	3	1,858.56	3	2,218.15	3	2,583.92	3	2,949.69	3	3,315.28
1/4	86.30	1/4	407.39	1/4	769.15	1/4	1,134.50	1/4	1,500.34	1/4	1,866.17	1/4	2,225.77	1/4	2,591.54	1/4	2,957.31	1/4	3,322.90
1/2	92.48	1/2	414.63	1/2	776.77	1/2	1,142.12	1/2	1,507.96	1/2	1,873.78	1/2	2,233.39	1/2	2,599.16	1/2	2,964.93	1/2	3,330.52
3/4	98.66	3/4	421.86	3/4	784.39	3/4	1,149.74	3/4	1,515.58	3/4	1,881.40	3/4	2,241.01	3/4	2,606.78	3/4	2,972.55	3/4	3,338.13
4	104.85	4	429.09	4	792.01	4	1,157.36	4	1,523.21	4	1,889.01	4	2,248.64	4	2,614.40	4	2,980.17	4	3,345.75
1/4	111.12	1/4	436.41	1/4	799.61	1/4	1,164.99	1/4	1,530.83	1/4	1,896.59	1/4	2,256.26	1/4	2,622.02	1/4	2,987.79	1/4	3,353.36
1/2	117.40	1/2	443.73	1/2	807.22	1/2	1,172.61	1/2	1,538.45	1/2	1,904.18	1/2	2,263.88	1/2	2,629.65	1/2	2,995.40	1/2	3,360.98
3/4	123.68	3/4	451.04	3/4	814.83	3/4	1,180.23	3/4	1,546.07	3/4	1,911.77	3/4	2,271.50	3/4	2,637.27	3/4	3,003.02	3/4	3,368.60
5	129.96	5	458.36	5	822.44	5	1,187.85	5	1,553.69	5	1,919.35	5	2,279.12	5	2,644.89	5	3,010.64	5	3,376.21
1/4	136.32	1/4	465.77	1/4	830.05	1/4	1,195.47	1/4	1,561.31	1/4	1,926.94	1/4	2,286.74	1/4	2,652.51	1/4	3,018.25	1/4	3,383.83
1/2	142.69	1/2	473.17	1/2	837.65	1/2	1,203.09	1/2	1,568.94	1/2	1,934.52	1/2	2,294.36	1/2	2,660.13	1/2	3,025.87	1/2	3,391.45
3/4	149.05	3/4	480.58	3/4	845.26	3/4	1,210.72	3/4	1,576.56	3/4	1,942.11	3/4	2,301.98	3/4	2,667.75	3/4	3,033.48	3/4	3,399.06
6	155.42	6	487.98	6	852.87	6	1,218.34	6	1,584.18	6	1,949.70	6	2,309.60	6	2,675.37	6	3,041.10	6	3,406.68
1/4	161.87	1/4	495.47	1/4	860.48	1/4	1,225.96	1/4	1,591.80	1/4	1,957.11	1/4	2,317.22	1/4	2,682.99	1/4	3,048.72	1/4	3,414.29
1/2	168.32	1/2	502.96	1/2	868.09	1/2	1,233.58	1/2	1,599.42	1/2	1,964.52	1/2	2,324.84	1/2	2,690.61	1/2	3,056.33	1/2	3,421.91
3/4	174.77	3/4	510.45	3/4	875.69	3/4	1,241.20	3/4	1,607.04	3/4	1,971.94	3/4	2,332.46	3/4	2,698.23	3/4	3,063.95	3/4	3,429.53
7	181.22	7	517.94	7	883.30	7	1,248.82	7	1,614.67	7	1,979.35	7	2,340.08	7	2,705.85	7	3,071.56	7	3,437.14
1/4	187.76	1/4	525.50	1/4	890.91	1/4	1,256.45	1/4	1,622.29	1/4	1,986.25	1/4	2,347.70	1/4	2,713.47	1/4	3,079.18	1/4	3,444.76
1/2	194.30	1/2	533.07	1/2	898.52	1/2	1,264.07	1/2	1,629.91	1/2	1,993.15	1/2	2,355.32	1/2	2,721.09	1/2	3,086.80	1/2	3,452.37
3/4	200.84	3/4	540.63	3/4	906.12	3/4	1,271.69	3/4	1,637.53	3/4	2,000.05	3/4	2,362.94	3/4	2,728.71	3/4	3,094.41	3/4	3,459.99
8	207.38	8	548.19	8	913.73	8	1,279.31	8	1,645.15	8	2,006.95	8	2,370.56	8	2,736.33	8	3,102.03	8	3,467.61
1/4	214.00	1/4	555.80	1/4	921.34	1/4	1,286.93	1/4	1,652.77	1/4	2,014.03	1/4	2,378.18	1/4	2,743.95	1/4	3,109.65	1/4	3,475.22
1/2	220.63	1/2	563.41	1/2	928.95	1/2	1,294.55	1/2	1,660.40	1/2	2,021.11	1/2	2,385.80	1/2	2,751.57	1/2	3,117.26	1/2	3,482.84
3/4	227.25	3/4	571.01	3/4	936.56	3/4	1,302.18	3/4	1,668.02	3/4	2,028.19	3/4	2,393.42	3/4	2,759.19	3/4	3,124.88	3/4	3,490.46
9	233.88	9	578.62	9	944.16	9	1,309.80	9	1,675.64	9	2,035.27	9	2,401.04	9	2,766.81	9	3,132.49	9	3,498.07
1/4	240.59	1/4	586.24	1/4	951.77	1/4	1,317.42	1/4	1,683.26	1/4	2,042.89	1/4	2,408.66	1/4	2,774.43	1/4	3,140.11	1/4	3,505.69
1/2	247.30	1/2	593.86	1/2	959.38	1/2	1,325.04	1/2	1,690.88	1/2	2,050.51	1/2	2,416.28	1/2	2,782.05	1/2	3,147.73	1/2	3,513.30
3/4	254.02	3/4	601.49	3/4	966.99	3/4	1,332.66	3/4	1,698.50	3/4	2,058.13	3/4	2,423.90	3/4	2,789.67	3/4	3,155.34	3/4	3,520.92
10	260.73	10	609.11	10	974.59	10	1,340.29	10	1,706.13	10	2,065.75	10	2,431.52	10	2,797.29	10	3,162.96	10	3,528.54
1/4	267.53	1/4	616.73	1/4	982.20	1/4	1,347.91	1/4	1,713.75	1/4	2,073.37	1/4	2,439.14	1/4	2,804.91	1/4	3,170.58	1/4	3,536.15
1/2	274.32	1/2	624.35	1/2	989.81	1/2	1,355.53	1/2	1,721.37	1/2	2,080.99	1/2	2,446.76	1/2	2,812.53	1/2	3,178.19	1/2	3,543.77
3/4	281.12	3/4	631.97	3/4	997.42	3/4	1,363.15	3/4	1,728.99	3/4	2,088.61	3/4	2,454.38	3/4	2,820.15	3/4	3,185.81	3/4	3,551.39
11	287.92	11	639.59	11	1,005.03	11	1,370.77	11	1,736.61	11	2,096.23	11	2,462.00	11	2,827.77	11	3,193.42	11	3,559.00
1/4	294.81	1/4	647.21	1/4	1,012.64	1/4	1,378.39	1/4	1,744.24	1/4	2,103.85	1/4	2,469.62	1/4	2,835.39	1/4	3,201.04	1/4	3,566.62
1/2	301.69	1/2	654.84	1/2	1,020.24	1/2	1,386.02	1/2	1,751.86	1/2	2,111.47	1/2	2,477.24	1/2	2,843.01	1/2	3,208.66	1/2	3,574.23
3/4	308.58	3/4	662.46	3/4	1,027.85	3/4	1,393.64	3/4	1,759.48	3/4	2,119.09	3/4	2,484.86	3/4	2,850.63	3/4	3,216.27	3/4	3,581.85

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 LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-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 330"

1 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,589.47	0	3,955.04	0	4,318.01	0	4,662.51	0	4,994.21	0		0		0		0		0	
1/4	3,597.08	1/4	3,962.66	1/4	4,325.39	1/4	4,669.45	1/4	5,001.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,604.70	1/2	3,970.28	1/2	4,332.78	1/2	4,676.39	1/2	5,009.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,612.31	3/4	3,977.89	3/4	4,340.16	3/4	4,683.33	3/4	5,016.89	3/4		3/4		3/4		3/4		3/4	
1	3,619.93	1	3,985.51	1	4,347.55	1	4,690.27	1	5,024.45	1		1		1		1		1	
1/4	3,627.55	1/4	3,993.12	1/4	4,354.90	1/4	4,697.17	1/4	5,031.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.16	1/2	4,000.74	1/2	4,362.25	1/2	4,704.07	1/2	5,039.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.78	3/4	4,008.36	3/4	4,369.60	3/4	4,710.97	3/4	5,046.56	3/4		3/4		3/4		3/4		3/4	
2	3,650.40	2	4,015.97	2	4,376.95	2	4,717.87	2	5,053.93	2		2		2		2		2	
1/4	3,658.01	1/4	4,023.59	1/4	4,384.26	1/4	4,724.70	1/4	5,060.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.63	1/2	4,031.21	1/2	4,391.58	1/2	4,731.54	1/2	5,066.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.24	3/4	4,038.82	3/4	4,398.89	3/4	4,738.37	3/4	5,073.17	3/4		3/4		3/4		3/4		3/4	
3	3,680.86	3	4,046.44	3	4,406.20	3	4,745.21	3	5,079.59	3		3		3		3		3	
1/4	3,688.48	1/4	4,054.05	1/4	4,413.46	1/4	4,752.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,696.09	1/2	4,061.67	1/2	4,420.72	1/2	4,758.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,703.71	3/4	4,069.29	3/4	4,427.98	3/4	4,765.61	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,711.33	4	4,076.90	4	4,435.24	4	4,772.42	4		4		4		4		4		4	
1/4	3,718.94	1/4	4,084.52	1/4	4,442.46	1/4	4,779.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,726.56	1/2	4,092.14	1/2	4,449.68	1/2	4,785.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,734.17	3/4	4,099.75	3/4	4,456.90	3/4	4,792.72	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,741.79	5	4,107.37	5	4,464.12	5	4,799.49	5		5		5		5		5		5	
1/4	3,749.41	1/4	4,114.98	1/4	4,471.31	1/4	4,806.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.02	1/2	4,122.59	1/2	4,478.50	1/2	4,812.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.64	3/4	4,130.20	3/4	4,485.68	3/4	4,819.69	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,772.26	6	4,137.82	6	4,492.87	6	4,826.43	6		6		6		6		6		6	
1/4	3,779.87	1/4	4,145.41	1/4	4,500.02	1/4	4,833.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,787.49	1/2	4,153.01	1/2	4,507.17	1/2	4,839.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,795.10	3/4	4,160.60	3/4	4,514.33	3/4	4,846.52	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,802.72	7	4,168.20	7	4,521.48	7	4,853.22	7		7		7		7		7		7	
1/4	3,810.34	1/4	4,175.76	1/4	4,528.60	1/4	4,859.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.95	1/2	4,183.32	1/2	4,535.72	1/2	4,866.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,825.57	3/4	4,190.88	3/4	4,542.84	3/4	4,873.20	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,833.18	8	4,198.44	8	4,549.96	8	4,879.86	8		8		8		8		8		8	
1/4	3,840.80	1/4	4,205.97	1/4	4,557.04	1/4	4,886.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,848.42	1/2	4,213.50	1/2	4,564.13	1/2	4,893.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,856.03	3/4	4,221.03	3/4	4,571.21	3/4	4,899.74	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,863.65	9	4,228.56	9	4,578.30	9	4,906.37	9		9		9		9		9		9	
1/4	3,871.27	1/4	4,236.05	1/4	4,585.35	1/4	4,913.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,878.88	1/2	4,243.54	1/2	4,592.40	1/2	4,920.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.50	3/4	4,251.03	3/4	4,599.45	3/4	4,926.90	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,894.11	10	4,258.53	10	4,606.50	10	4,933.74	10		10		10		10		10		10	
1/4	3,901.73	1/4	4,265.98	1/4	4,613.52	1/4	4,941.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,909.35	1/2	4,273.43	1/2	4,620.54	1/2	4,948.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,916.96	3/4	4,280.88	3/4	4,627.56	3/4	4,956.42	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,924.58	11	4,288.33	11	4,634.58	11	4,963.98	11		11		11		11		11		11	
1/4	3,932.20	1/4	4,295.75	1/4	4,641.56	1/4	4,971.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,939.81	1/2	4,303.17	1/2	4,648.54	1/2	4,979.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,947.43	3/4	4,310.59	3/4	4,655.52	3/4	4,986.65	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/01/2014 CL
CALCULATED: 07/01/2014 CL
PRINTED: 07/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "CTCo 330"

2 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 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	19.20	0	351.72	0	696.10	0	1,030.43	0	1,370.46	0	1,714.85	0	2,053.34	0	2,397.65	0	2,741.97	0	3,086.15
1/4	24.13	1/4	358.90	1/4	703.27	1/4	1,037.30	1/4	1,377.64	1/4	1,722.02	1/4	2,060.51	1/4	2,404.83	1/4	2,749.14	1/4	3,093.31
1/2	29.06	1/2	366.07	1/2	710.45	1/2	1,044.18	1/2	1,384.81	1/2	1,729.20	1/2	2,067.69	1/2	2,412.00	1/2	2,756.31	1/2	3,100.48
3/4	34.00	3/4	373.25	3/4	717.62	3/4	1,051.06	3/4	1,391.99	3/4	1,736.37	3/4	2,074.86	3/4	2,419.17	3/4	2,763.49	3/4	3,107.65
1	38.93	1	380.42	1	724.80	1	1,057.94	1	1,399.16	1	1,743.55	1	2,082.03	1	2,426.35	1	2,770.66	1	3,114.82
1/4	45.42	1/4	387.60	1/4	731.97	1/4	1,064.82	1/4	1,406.34	1/4	1,750.72	1/4	2,089.21	1/4	2,433.52	1/4	2,777.83	1/4	3,121.99
1/2	51.91	1/2	394.77	1/2	739.15	1/2	1,071.70	1/2	1,413.51	1/2	1,757.90	1/2	2,096.38	1/2	2,440.69	1/2	2,785.01	1/2	3,129.16
3/4	58.40	3/4	401.95	3/4	746.32	3/4	1,078.58	3/4	1,420.69	3/4	1,765.07	3/4	2,103.55	3/4	2,447.87	3/4	2,792.18	3/4	3,136.33
2	64.90	2	409.12	2	753.50	2	1,085.46	2	1,427.86	2	1,772.25	2	2,110.73	2	2,455.04	2	2,799.35	2	3,143.50
1/4	72.04	1/4	416.29	1/4	760.67	1/4	1,092.35	1/4	1,435.04	1/4	1,779.42	1/4	2,117.90	1/4	2,462.21	1/4	2,806.53	1/4	3,150.67
1/2	79.19	1/2	423.47	1/2	767.84	1/2	1,099.24	1/2	1,442.21	1/2	1,786.60	1/2	2,125.07	1/2	2,469.39	1/2	2,813.70	1/2	3,157.84
3/4	86.33	3/4	430.64	3/4	775.02	3/4	1,106.13	3/4	1,449.39	3/4	1,793.77	3/4	2,132.25	3/4	2,476.56	3/4	2,820.87	3/4	3,165.01
3	93.48	3	437.82	3	782.19	3	1,113.02	3	1,456.56	3	1,800.95	3	2,139.42	3	2,483.73	3	2,828.05	3	3,172.17
1/4	100.64	1/4	444.99	1/4	789.29	1/4	1,119.99	1/4	1,463.74	1/4	1,808.11	1/4	2,146.59	1/4	2,490.91	1/4	2,835.22	1/4	3,179.34
1/2	107.81	1/2	452.17	1/2	796.39	1/2	1,126.95	1/2	1,470.91	1/2	1,815.28	1/2	2,153.76	1/2	2,498.08	1/2	2,842.39	1/2	3,186.51
3/4	114.98	3/4	459.34	3/4	803.48	3/4	1,133.91	3/4	1,478.08	3/4	1,822.44	3/4	2,160.94	3/4	2,505.25	3/4	2,849.56	3/4	3,193.68
4	122.14	4	466.52	4	810.58	4	1,140.87	4	1,485.26	4	1,829.60	4	2,168.11	4	2,512.42	4	2,856.73	4	3,200.85
1/4	129.32	1/4	473.69	1/4	817.45	1/4	1,148.05	1/4	1,492.43	1/4	1,836.74	1/4	2,175.28	1/4	2,519.60	1/4	2,863.90	1/4	3,208.02
1/2	136.49	1/2	480.86	1/2	824.32	1/2	1,155.22	1/2	1,499.61	1/2	1,843.88	1/2	2,182.46	1/2	2,526.77	1/2	2,871.07	1/2	3,215.19
3/4	143.66	3/4	488.04	3/4	831.19	3/4	1,162.40	3/4	1,506.78	3/4	1,851.02	3/4	2,189.63	3/4	2,533.94	3/4	2,878.24	3/4	3,222.36
5	150.84	5	495.21	5	838.06	5	1,169.57	5	1,513.96	5	1,858.16	5	2,196.80	5	2,541.12	5	2,885.41	5	3,229.53
1/4	158.01	1/4	502.39	1/4	844.93	1/4	1,176.75	1/4	1,521.13	1/4	1,865.30	1/4	2,203.98	1/4	2,548.29	1/4	2,892.58	1/4	3,236.70
1/2	165.19	1/2	509.56	1/2	851.80	1/2	1,183.92	1/2	1,528.31	1/2	1,872.44	1/2	2,211.15	1/2	2,555.46	1/2	2,899.75	1/2	3,243.87
3/4	172.36	3/4	516.74	3/4	858.67	3/4	1,191.10	3/4	1,535.48	3/4	1,879.58	3/4	2,218.32	3/4	2,562.64	3/4	2,906.92	3/4	3,251.03
6	179.54	6	523.91	6	865.54	6	1,198.27	6	1,542.66	6	1,886.72	6	2,225.50	6	2,569.81	6	2,914.09	6	3,258.20
1/4	186.71	1/4	531.09	1/4	872.41	1/4	1,205.45	1/4	1,549.83	1/4	1,893.69	1/4	2,232.67	1/4	2,576.98	1/4	2,921.26	1/4	3,265.37
1/2	193.88	1/2	538.26	1/2	879.28	1/2	1,212.62	1/2	1,557.01	1/2	1,900.67	1/2	2,239.84	1/2	2,584.16	1/2	2,928.43	1/2	3,272.54
3/4	201.06	3/4	545.44	3/4	886.15	3/4	1,219.80	3/4	1,564.18	3/4	1,907.65	3/4	2,247.02	3/4	2,591.33	3/4	2,935.59	3/4	3,279.71
7	208.23	7	552.61	7	893.02	7	1,226.97	7	1,571.36	7	1,914.63	7	2,254.19	7	2,598.50	7	2,942.76	7	3,286.88
1/4	215.41	1/4	559.78	1/4	899.89	1/4	1,234.14	1/4	1,578.53	1/4	1,921.12	1/4	2,261.36	1/4	2,605.68	1/4	2,949.93	1/4	3,294.05
1/2	222.58	1/2	566.96	1/2	906.76	1/2	1,241.32	1/2	1,585.70	1/2	1,927.62	1/2	2,268.54	1/2	2,612.85	1/2	2,957.10	1/2	3,301.22
3/4	229.76	3/4	574.13	3/4	913.63	3/4	1,248.49	3/4	1,592.88	3/4	1,934.11	3/4	2,275.71	3/4	2,620.02	3/4	2,964.27	3/4	3,308.39
8	236.93	8	581.31	8	920.50	8	1,255.67	8	1,600.05	8	1,940.61	8	2,282.88	8	2,627.20	8	2,971.44	8	3,315.56
1/4	244.11	1/4	588.48	1/4	927.37	1/4	1,262.84	1/4	1,607.23	1/4	1,947.27	1/4	2,290.06	1/4	2,634.37	1/4	2,978.61	1/4	3,322.73
1/2	251.28	1/2	595.66	1/2	934.24	1/2	1,270.02	1/2	1,614.40	1/2	1,953.93	1/2	2,297.23	1/2	2,641.54	1/2	2,985.78	1/2	3,329.89
3/4	258.46	3/4	602.83	3/4	941.11	3/4	1,277.19	3/4	1,621.58	3/4	1,960.60	3/4	2,304.40	3/4	2,648.72	3/4	2,992.95	3/4	3,337.06
9	265.63	9	610.01	9	947.98	9	1,284.37	9	1,628.75	9	1,967.26	9	2,311.58	9	2,655.89	9	3,000.12	9	3,344.23
1/4	272.80	1/4	617.18	1/4	954.85	1/4	1,291.54	1/4	1,635.93	1/4	1,974.43	1/4	2,318.75	1/4	2,663.06	1/4	3,007.29	1/4	3,351.40
1/2	279.98	1/2	624.35	1/2	961.72	1/2	1,298.72	1/2	1,643.10	1/2	1,981.61	1/2	2,325.92	1/2	2,670.24	1/2	3,014.45	1/2	3,358.57
3/4	287.15	3/4	631.53	3/4	968.59	3/4	1,305.89	3/4	1,650.28	3/4	1,988.78	3/4	2,333.09	3/4	2,677.41	3/4	3,021.62	3/4	3,365.74
10	294.33	10	638.70	10	975.46	10	1,313.07	10	1,657.45	10	1,995.95	10	2,340.27	10	2,684.58	10	3,028.79	10	3,372.91
1/4	301.50	1/4	645.88	1/4	982.33	1/4	1,320.24	1/4	1,664.63	1/4	2,003.13	1/4	2,347.44	1/4	2,691.75	1/4	3,035.96	1/4	3,380.08
1/2	308.68	1/2	653.05	1/2	989.20	1/2	1,327.42	1/2	1,671.80	1/2	2,010.30	1/2	2,354.61	1/2	2,698.93	1/2	3,043.13	1/2	3,387.25
3/4	315.85	3/4	660.23	3/4	996.07	3/4	1,334.59	3/4	1,678.98	3/4	2,017.47	3/4	2,361.79	3/4	2,706.10	3/4	3,050.30	3/4	3,394.42
11	323.03	11	667.40	11	1,002.94	11	1,341.77	11	1,686.15	11	2,024.65	11	2,368.96	11	2,713.27	11	3,057.47	11	3,401.59
1/4	330.20	1/4	674.58	1/4	1,009.81	1/4	1,348.94	1/4	1,693.33	1/4	2,031.82	1/4	2,376.13	1/4	2,720.45	1/4	3,064.64	1/4	3,408.76
1/2	337.37	1/2	681.75	1/2	1,016.68	1/2	1,356.11	1/2	1,700.50	1/2	2,038.99	1/2	2,383.31	1/2	2,727.62	1/2	3,071.81	1/2	3,415.92
3/4	344.55	3/4	688.93	3/4	1,023.56	3/4	1,363.29	3/4	1,707.67	3/4	2,046.17	3/4	2,390.48	3/4	2,734.79	3/4	3,078.98	3/4	3,423.09

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 LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-03" FORWARD OF AFT BULKHEAD.

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

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



BARGE "CTCo 330"

2 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,430.26	0	3,774.38	0	4,116.05	0	4,440.27	0	4,752.34	0		0		0		0		0	
1/4	3,437.43	1/4	3,781.55	1/4	4,123.00	1/4	4,446.80	1/4	4,759.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,444.60	1/2	3,788.72	1/2	4,129.95	1/2	4,453.34	1/2	4,766.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,451.77	3/4	3,795.89	3/4	4,136.90	3/4	4,459.87	3/4	4,773.67	3/4		3/4		3/4		3/4		3/4	
1	3,458.94	1	3,803.06	1	4,143.86	1	4,466.40	1	4,780.78	1		1		1		1		1	
1/4	3,466.11	1/4	3,810.22	1/4	4,150.77	1/4	4,472.89	1/4	4,787.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,473.28	1/2	3,817.39	1/2	4,157.69	1/2	4,479.39	1/2	4,794.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,480.45	3/4	3,824.56	3/4	4,164.61	3/4	4,485.88	3/4	4,801.58	3/4		3/4		3/4		3/4		3/4	
2	3,487.62	2	3,831.73	2	4,171.53	2	4,492.37	2	4,808.52	2		2		2		2		2	
1/4	3,494.78	1/4	3,838.90	1/4	4,178.42	1/4	4,498.80	1/4	4,814.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,501.95	1/2	3,846.07	1/2	4,185.30	1/2	4,505.23	1/2	4,820.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,509.12	3/4	3,853.24	3/4	4,192.18	3/4	4,511.66	3/4	4,826.63	3/4		3/4		3/4		3/4		3/4	
3	3,516.29	3	3,860.41	3	4,199.06	3	4,518.09	3	4,832.67	3		3		3		3		3	
1/4	3,523.46	1/4	3,867.58	1/4	4,205.90	1/4	4,524.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,530.63	1/2	3,874.75	1/2	4,212.73	1/2	4,530.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,537.80	3/4	3,881.92	3/4	4,219.56	3/4	4,537.28	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,544.97	4	3,889.08	4	4,226.39	4	4,543.68	4		4		4		4		4		4	
1/4	3,552.14	1/4	3,896.25	1/4	4,233.19	1/4	4,550.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,559.31	1/2	3,903.42	1/2	4,239.98	1/2	4,556.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,566.48	3/4	3,910.59	3/4	4,246.78	3/4	4,562.78	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,573.64	5	3,917.76	5	4,253.57	5	4,569.15	5		5		5		5		5		5	
1/4	3,580.81	1/4	3,924.93	1/4	4,260.34	1/4	4,575.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,587.98	1/2	3,932.10	1/2	4,267.10	1/2	4,581.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,595.15	3/4	3,939.27	3/4	4,273.86	3/4	4,588.15	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,602.32	6	3,946.44	6	4,280.63	6	4,594.49	6		6		6		6		6		6	
1/4	3,609.49	1/4	3,953.59	1/4	4,287.36	1/4	4,600.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,616.66	1/2	3,960.73	1/2	4,294.09	1/2	4,607.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.83	3/4	3,967.88	3/4	4,300.82	3/4	4,613.39	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,631.00	7	3,975.03	7	4,307.55	7	4,619.69	7		7		7		7		7		7	
1/4	3,638.17	1/4	3,982.15	1/4	4,314.25	1/4	4,625.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,645.34	1/2	3,989.27	1/2	4,320.95	1/2	4,632.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,652.50	3/4	3,996.39	3/4	4,327.65	3/4	4,638.49	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,659.67	8	4,003.51	8	4,334.35	8	4,644.75	8		8		8		8		8		8	
1/4	3,666.84	1/4	4,010.59	1/4	4,341.02	1/4	4,650.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.01	1/2	4,017.68	1/2	4,347.69	1/2	4,657.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,681.18	3/4	4,024.76	3/4	4,354.35	3/4	4,663.46	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,688.35	9	4,031.85	9	4,361.02	9	4,669.69	9		9		9		9		9		9	
1/4	3,695.52	1/4	4,038.90	1/4	4,367.66	1/4	4,676.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,702.69	1/2	4,045.95	1/2	4,374.29	1/2	4,682.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,709.86	3/4	4,053.01	3/4	4,380.93	3/4	4,689.00	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,717.03	10	4,060.06	10	4,387.57	10	4,695.44	10		10		10		10		10		10	
1/4	3,724.20	1/4	4,067.07	1/4	4,394.17	1/4	4,702.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,731.36	1/2	4,074.09	1/2	4,400.78	1/2	4,709.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.53	3/4	4,081.10	3/4	4,407.38	3/4	4,716.78	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,745.70	11	4,088.12	11	4,413.99	11	4,723.89	11		11		11		11		11		11	
1/4	3,752.87	1/4	4,095.10	1/4	4,420.56	1/4	4,731.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.04	1/2	4,102.08	1/2	4,427.13	1/2	4,738.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,767.21	3/4	4,109.07	3/4	4,433.70	3/4	4,745.22	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/01/2014 CL
CALCULATED: 07/01/2014 CL
PRINTED: 07/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "CTCo 330"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	19.19	0	351.63	0	695.92	0	1,039.79	0	1,384.05	0	1,728.34	0	2,066.76	0	2,410.99	0	2,755.22	0	3,099.31
1/4	24.12	1/4	358.81	1/4	703.09	1/4	1,046.96	1/4	1,391.22	1/4	1,735.52	1/4	2,073.93	1/4	2,418.16	1/4	2,762.39	1/4	3,106.48
1/2	29.06	1/2	365.98	1/2	710.26	1/2	1,054.13	1/2	1,398.39	1/2	1,742.69	1/2	2,081.10	1/2	2,425.33	1/2	2,769.56	1/2	3,113.65
3/4	33.99	3/4	373.15	3/4	717.43	3/4	1,061.29	3/4	1,405.57	3/4	1,749.86	3/4	2,088.28	3/4	2,432.50	3/4	2,776.73	3/4	3,120.81
1	38.92	1	380.32	1	724.61	1	1,068.46	1	1,412.74	1	1,757.03	1	2,095.45	1	2,439.67	1	2,783.90	1	3,127.98
1/4	45.41	1/4	387.50	1/4	731.78	1/4	1,075.63	1/4	1,419.91	1/4	1,764.21	1/4	2,102.62	1/4	2,446.85	1/4	2,791.07	1/4	3,135.15
1/2	51.90	1/2	394.67	1/2	738.95	1/2	1,082.80	1/2	1,427.08	1/2	1,771.38	1/2	2,109.79	1/2	2,454.02	1/2	2,798.24	1/2	3,142.32
3/4	58.39	3/4	401.84	3/4	746.13	3/4	1,089.97	3/4	1,434.26	3/4	1,778.55	3/4	2,116.96	3/4	2,461.19	3/4	2,805.42	3/4	3,149.48
2	64.88	2	409.01	2	753.30	2	1,097.14	2	1,441.43	2	1,785.72	2	2,124.13	2	2,468.36	2	2,812.59	2	3,156.65
1/4	72.02	1/4	416.19	1/4	760.47	1/4	1,104.31	1/4	1,448.60	1/4	1,792.90	1/4	2,131.30	1/4	2,475.53	1/4	2,819.76	1/4	3,163.82
1/2	79.17	1/2	423.36	1/2	767.64	1/2	1,111.48	1/2	1,455.78	1/2	1,800.07	1/2	2,138.48	1/2	2,482.70	1/2	2,826.93	1/2	3,170.99
3/4	86.31	3/4	430.53	3/4	774.82	3/4	1,118.65	3/4	1,462.95	3/4	1,807.24	3/4	2,145.65	3/4	2,489.87	3/4	2,834.10	3/4	3,178.15
3	93.45	3	437.70	3	781.99	3	1,125.83	3	1,470.12	3	1,814.42	3	2,152.82	3	2,497.05	3	2,841.27	3	3,185.32
1/4	100.62	1/4	444.88	1/4	789.16	1/4	1,133.00	1/4	1,477.29	1/4	1,821.58	1/4	2,159.99	1/4	2,504.22	1/4	2,848.44	1/4	3,192.49
1/2	107.78	1/2	452.05	1/2	796.33	1/2	1,140.17	1/2	1,484.47	1/2	1,828.75	1/2	2,167.16	1/2	2,511.39	1/2	2,855.61	1/2	3,199.65
3/4	114.95	3/4	459.22	3/4	803.50	3/4	1,147.35	3/4	1,491.64	3/4	1,835.91	3/4	2,174.33	3/4	2,518.56	3/4	2,862.78	3/4	3,206.82
4	122.11	4	466.39	4	810.67	4	1,154.52	4	1,498.81	4	1,843.08	4	2,181.50	4	2,525.73	4	2,869.95	4	3,213.99
1/4	129.28	1/4	473.57	1/4	817.83	1/4	1,161.69	1/4	1,505.99	1/4	1,850.21	1/4	2,188.68	1/4	2,532.90	1/4	2,877.12	1/4	3,221.16
1/2	136.46	1/2	480.74	1/2	824.99	1/2	1,168.86	1/2	1,513.16	1/2	1,857.35	1/2	2,195.85	1/2	2,540.07	1/2	2,884.29	1/2	3,228.32
3/4	143.63	3/4	487.91	3/4	832.15	3/4	1,176.04	3/4	1,520.33	3/4	1,864.49	3/4	2,203.02	3/4	2,547.25	3/4	2,891.46	3/4	3,235.49
5	150.80	5	495.08	5	839.31	5	1,183.21	5	1,527.50	5	1,871.63	5	2,210.19	5	2,554.42	5	2,898.62	5	3,242.66
1/4	157.97	1/4	502.26	1/4	846.47	1/4	1,190.38	1/4	1,534.68	1/4	1,878.76	1/4	2,217.36	1/4	2,561.59	1/4	2,905.79	1/4	3,249.83
1/2	165.14	1/2	509.43	1/2	853.63	1/2	1,197.56	1/2	1,541.85	1/2	1,885.90	1/2	2,224.53	1/2	2,568.76	1/2	2,912.96	1/2	3,256.99
3/4	172.32	3/4	516.60	3/4	860.79	3/4	1,204.73	3/4	1,549.02	3/4	1,893.04	3/4	2,231.70	3/4	2,575.93	3/4	2,920.13	3/4	3,264.16
6	179.49	6	523.77	6	867.95	6	1,211.90	6	1,556.20	6	1,900.18	6	2,238.88	6	2,583.10	6	2,927.29	6	3,271.33
1/4	186.66	1/4	530.95	1/4	875.11	1/4	1,219.07	1/4	1,563.37	1/4	1,907.15	1/4	2,246.05	1/4	2,590.27	1/4	2,934.46	1/4	3,278.50
1/2	193.84	1/2	538.12	1/2	882.27	1/2	1,226.25	1/2	1,570.54	1/2	1,914.13	1/2	2,253.22	1/2	2,597.45	1/2	2,941.63	1/2	3,285.66
3/4	201.01	3/4	545.29	3/4	889.43	3/4	1,233.42	3/4	1,577.71	3/4	1,921.10	3/4	2,260.39	3/4	2,604.62	3/4	2,948.80	3/4	3,292.83
7	208.18	7	552.47	7	896.59	7	1,240.59	7	1,584.89	7	1,928.08	7	2,267.56	7	2,611.79	7	2,955.96	7	3,300.00
1/4	215.35	1/4	559.64	1/4	903.75	1/4	1,247.76	1/4	1,592.06	1/4	1,934.57	1/4	2,274.73	1/4	2,618.96	1/4	2,963.13	1/4	3,307.17
1/2	222.53	1/2	566.81	1/2	910.91	1/2	1,254.94	1/2	1,599.23	1/2	1,941.07	1/2	2,281.90	1/2	2,626.13	1/2	2,970.30	1/2	3,314.33
3/4	229.70	3/4	573.98	3/4	918.07	3/4	1,262.11	3/4	1,606.40	3/4	1,947.56	3/4	2,289.08	3/4	2,633.30	3/4	2,977.47	3/4	3,321.50
8	236.87	8	581.16	8	925.23	8	1,269.28	8	1,613.58	8	1,954.05	8	2,296.25	8	2,640.47	8	2,984.63	8	3,328.67
1/4	244.04	1/4	588.33	1/4	932.39	1/4	1,276.46	1/4	1,620.75	1/4	1,960.72	1/4	2,303.42	1/4	2,647.65	1/4	2,991.80	1/4	3,335.84
1/2	251.22	1/2	595.50	1/2	939.55	1/2	1,283.63	1/2	1,627.92	1/2	1,967.38	1/2	2,310.59	1/2	2,654.82	1/2	2,998.97	1/2	3,343.00
3/4	258.39	3/4	602.67	3/4	946.71	3/4	1,290.80	3/4	1,635.10	3/4	1,974.04	3/4	2,317.76	3/4	2,661.99	3/4	3,006.14	3/4	3,350.17
9	265.56	9	609.85	9	953.87	9	1,297.97	9	1,642.27	9	1,980.70	9	2,324.93	9	2,669.16	9	3,013.30	9	3,357.34
1/4	272.73	1/4	617.02	1/4	961.03	1/4	1,305.15	1/4	1,649.44	1/4	1,987.88	1/4	2,332.10	1/4	2,676.33	1/4	3,020.47	1/4	3,364.51
1/2	279.91	1/2	624.19	1/2	968.19	1/2	1,312.32	1/2	1,656.61	1/2	1,995.05	1/2	2,339.27	1/2	2,683.50	1/2	3,027.64	1/2	3,371.67
3/4	287.08	3/4	631.36	3/4	975.35	3/4	1,319.49	3/4	1,663.79	3/4	2,002.22	3/4	2,346.45	3/4	2,690.67	3/4	3,034.80	3/4	3,378.84
10	294.25	10	638.54	10	982.51	10	1,326.67	10	1,670.96	10	2,009.39	10	2,353.62	10	2,697.84	10	3,041.97	10	3,386.01
1/4	301.42	1/4	645.71	1/4	989.67	1/4	1,333.84	1/4	1,678.13	1/4	2,016.56	1/4	2,360.79	1/4	2,705.02	1/4	3,049.14	1/4	3,393.17
1/2	308.60	1/2	652.88	1/2	996.83	1/2	1,341.01	1/2	1,685.31	1/2	2,023.73	1/2	2,367.96	1/2	2,712.19	1/2	3,056.31	1/2	3,400.34
3/4	315.77	3/4	660.05	3/4	1,003.99	3/4	1,348.18	3/4	1,692.48	3/4	2,030.90	3/4	2,375.13	3/4	2,719.36	3/4	3,063.47	3/4	3,407.51
11	322.94	11	667.23	11	1,011.15	11	1,355.36	11	1,699.65	11	2,038.08	11	2,382.30	11	2,726.53	11	3,070.64	11	3,414.68
1/4	330.11	1/4	674.40	1/4	1,018.31	1/4	1,362.53	1/4	1,706.82	1/4	2,045.25	1/4	2,389.47	1/4	2,733.70	1/4	3,077.81	1/4	3,421.84
1/2	337.29	1/2	681.57	1/2	1,025.47	1/2	1,369.70	1/2	1,714.00	1/2	2,052.42	1/2	2,396.65	1/2	2,740.87	1/2	3,084.98	1/2	3,429.01
3/4	344.46	3/4	688.74	3/4	1,032.63	3/4	1,376.88	3/4	1,721.17	3/4	2,059.59	3/4	2,403.82	3/4	2,748.04	3/4	3,092.14	3/4	3,436.18

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 LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-03" FORWARD OF AFT BULKHEAD.

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

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



BARGE "CTCo 330"

2 STBD INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,443.35	0	3,787.38	0	4,128.96	0	4,453.11	0	4,765.13	0		0		0		0		0	
1/4	3,450.51	1/4	3,794.55	1/4	4,135.91	1/4	4,459.65	1/4	4,772.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,457.68	1/2	3,801.72	1/2	4,142.86	1/2	4,466.18	1/2	4,779.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,464.85	3/4	3,808.88	3/4	4,149.81	3/4	4,472.71	3/4	4,786.46	3/4		3/4		3/4		3/4		3/4	
1	3,472.02	1	3,816.05	1	4,156.76	1	4,479.24	1	4,793.57	1		1		1		1		1	
1/4	3,479.18	1/4	3,823.22	1/4	4,163.67	1/4	4,485.73	1/4	4,800.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,486.35	1/2	3,830.39	1/2	4,170.59	1/2	4,492.22	1/2	4,807.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,493.52	3/4	3,837.55	3/4	4,177.51	3/4	4,498.71	3/4	4,814.36	3/4		3/4		3/4		3/4		3/4	
2	3,500.69	2	3,844.72	2	4,184.43	2	4,505.20	2	4,821.30	2		2		2		2		2	
1/4	3,507.85	1/4	3,851.89	1/4	4,191.31	1/4	4,511.63	1/4	4,827.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,515.02	1/2	3,859.06	1/2	4,198.19	1/2	4,518.06	1/2	4,833.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,522.19	3/4	3,866.22	3/4	4,205.07	3/4	4,524.49	3/4	4,839.40	3/4		3/4		3/4		3/4		3/4	
3	3,529.36	3	3,873.39	3	4,211.95	3	4,530.92	3	4,845.43	3		3		3		3		3	
1/4	3,536.52	1/4	3,880.56	1/4	4,218.78	1/4	4,537.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,543.69	1/2	3,887.73	1/2	4,225.62	1/2	4,543.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,550.86	3/4	3,894.89	3/4	4,232.45	3/4	4,550.11	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,558.02	4	3,902.06	4	4,239.28	4	4,556.51	4		4		4		4		4		4	
1/4	3,565.19	1/4	3,909.23	1/4	4,246.07	1/4	4,562.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,572.36	1/2	3,916.39	1/2	4,252.87	1/2	4,569.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,579.53	3/4	3,923.56	3/4	4,259.66	3/4	4,575.61	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,586.69	5	3,930.73	5	4,266.45	5	4,581.97	5		5		5		5		5		5	
1/4	3,593.86	1/4	3,937.89	1/4	4,273.21	1/4	4,588.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,601.03	1/2	3,945.06	1/2	4,279.98	1/2	4,594.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,608.20	3/4	3,952.22	3/4	4,286.74	3/4	4,600.97	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,615.36	6	3,959.38	6	4,293.50	6	4,607.31	6		6		6		6		6		6	
1/4	3,622.53	1/4	3,966.53	1/4	4,300.23	1/4	4,613.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.70	1/2	3,973.68	1/2	4,306.96	1/2	4,619.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,636.87	3/4	3,980.83	3/4	4,313.69	3/4	4,626.21	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,644.03	7	3,987.97	7	4,320.42	7	4,632.51	7		7		7		7		7		7	
1/4	3,651.20	1/4	3,995.09	1/4	4,327.12	1/4	4,638.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,658.37	1/2	4,002.21	1/2	4,333.82	1/2	4,645.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,665.54	3/4	4,009.32	3/4	4,340.51	3/4	4,651.30	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,672.70	8	4,016.44	8	4,347.21	8	4,657.57	8		8		8		8		8		8	
1/4	3,679.87	1/4	4,023.52	1/4	4,353.88	1/4	4,663.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,687.04	1/2	4,030.61	1/2	4,360.55	1/2	4,670.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.21	3/4	4,037.69	3/4	4,367.21	3/4	4,676.27	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,701.37	9	4,044.78	9	4,373.88	9	4,682.51	9		9		9		9		9		9	
1/4	3,708.54	1/4	4,051.83	1/4	4,380.52	1/4	4,688.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.71	1/2	4,058.88	1/2	4,387.15	1/2	4,695.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.88	3/4	4,065.93	3/4	4,393.79	3/4	4,701.81	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,730.04	10	4,072.98	10	4,400.42	10	4,708.25	10		10		10		10		10		10	
1/4	3,737.21	1/4	4,079.99	1/4	4,407.02	1/4	4,715.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,744.38	1/2	4,087.01	1/2	4,413.63	1/2	4,722.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,751.54	3/4	4,094.02	3/4	4,420.23	3/4	4,729.58	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,758.71	11	4,101.03	11	4,426.83	11	4,736.69	11		11		11		11		11		11	
1/4	3,765.88	1/4	4,108.01	1/4	4,433.40	1/4	4,743.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.05	1/2	4,114.99	1/2	4,439.97	1/2	4,750.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.21	3/4	4,121.98	3/4	4,446.54	3/4	4,758.02	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/01/2014 CL
CALCULATED: 07/01/2014 CL
PRINTED: 07/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "CTCo 330"

3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	20.28	0	371.47	0	735.03	0	1,090.90	0	1,451.05	0	1,814.43	0	2,169.53	0	2,530.67	0	2,893.73	0	3,256.60
1/4	25.49	1/4	379.04	1/4	742.60	1/4	1,098.25	1/4	1,458.62	1/4	1,822.00	1/4	2,177.04	1/4	2,538.24	1/4	2,901.29	1/4	3,264.16
1/2	30.71	1/2	386.61	1/2	750.17	1/2	1,105.60	1/2	1,466.19	1/2	1,829.57	1/2	2,184.55	1/2	2,545.81	1/2	2,908.86	1/2	3,271.72
3/4	35.92	3/4	394.19	3/4	757.75	3/4	1,112.95	3/4	1,473.76	3/4	1,837.14	3/4	2,192.05	3/4	2,553.37	3/4	2,916.42	3/4	3,279.27
1	41.14	1	401.76	1	765.32	1	1,120.30	1	1,481.33	1	1,844.71	1	2,199.56	1	2,560.94	1	2,923.98	1	3,286.83
1/4	48.00	1/4	409.33	1/4	772.90	1/4	1,127.65	1/4	1,488.90	1/4	1,852.28	1/4	2,207.06	1/4	2,568.51	1/4	2,931.54	1/4	3,294.39
1/2	54.87	1/2	416.91	1/2	780.47	1/2	1,135.00	1/2	1,496.47	1/2	1,859.85	1/2	2,214.57	1/2	2,576.08	1/2	2,939.10	1/2	3,301.94
3/4	61.73	3/4	424.48	3/4	788.05	3/4	1,142.35	3/4	1,504.04	3/4	1,867.42	3/4	2,222.08	3/4	2,583.65	3/4	2,946.66	3/4	3,309.49
2	68.60	2	432.05	2	795.62	2	1,149.70	2	1,511.61	2	1,874.99	2	2,229.58	2	2,591.22	2	2,954.23	2	3,317.05
1/4	76.15	1/4	439.63	1/4	803.20	1/4	1,157.06	1/4	1,519.18	1/4	1,882.56	1/4	2,237.09	1/4	2,598.79	1/4	2,961.79	1/4	3,324.59
1/2	83.71	1/2	447.20	1/2	810.77	1/2	1,164.42	1/2	1,526.75	1/2	1,890.13	1/2	2,244.59	1/2	2,606.36	1/2	2,969.35	1/2	3,332.12
3/4	91.26	3/4	454.77	3/4	818.34	3/4	1,171.78	3/4	1,534.32	3/4	1,897.70	3/4	2,252.10	3/4	2,613.92	3/4	2,976.91	3/4	3,339.66
3	98.82	3	462.35	3	825.92	3	1,179.14	3	1,541.89	3	1,905.27	3	2,259.61	3	2,621.49	3	2,984.47	3	3,347.20
1/4	106.39	1/4	469.92	1/4	833.44	1/4	1,186.56	1/4	1,549.46	1/4	1,912.82	1/4	2,267.12	1/4	2,629.06	1/4	2,992.03	1/4	3,354.74
1/2	113.96	1/2	477.49	1/2	840.95	1/2	1,193.97	1/2	1,557.03	1/2	1,920.36	1/2	2,274.63	1/2	2,636.63	1/2	2,999.59	1/2	3,362.28
3/4	121.53	3/4	485.07	3/4	848.47	3/4	1,201.38	3/4	1,564.60	3/4	1,927.90	3/4	2,282.14	3/4	2,644.19	3/4	3,007.15	3/4	3,369.81
4	129.10	4	492.64	4	855.98	4	1,208.80	4	1,572.17	4	1,935.45	4	2,289.66	4	2,651.76	4	3,014.71	4	3,377.35
1/4	136.68	1/4	500.22	1/4	863.32	1/4	1,216.37	1/4	1,579.74	1/4	1,942.92	1/4	2,297.19	1/4	2,659.32	1/4	3,022.27	1/4	3,384.89
1/2	144.25	1/2	507.79	1/2	870.67	1/2	1,223.94	1/2	1,587.32	1/2	1,950.39	1/2	2,304.72	1/2	2,666.88	1/2	3,029.83	1/2	3,392.43
3/4	151.83	3/4	515.36	3/4	878.01	3/4	1,231.51	3/4	1,594.89	3/4	1,957.86	3/4	2,312.25	3/4	2,674.45	3/4	3,037.39	3/4	3,399.97
5	159.40	5	522.94	5	885.35	5	1,239.08	5	1,602.46	5	1,965.34	5	2,319.78	5	2,682.01	5	3,044.95	5	3,407.51
1/4	166.98	1/4	530.51	1/4	892.69	1/4	1,246.65	1/4	1,610.03	1/4	1,972.81	1/4	2,327.31	1/4	2,689.57	1/4	3,052.51	1/4	3,415.04
1/2	174.55	1/2	538.09	1/2	900.03	1/2	1,254.22	1/2	1,617.60	1/2	1,980.28	1/2	2,334.84	1/2	2,697.13	1/2	3,060.07	1/2	3,422.58
3/4	182.13	3/4	545.66	3/4	907.37	3/4	1,261.79	3/4	1,625.17	3/4	1,987.75	3/4	2,342.37	3/4	2,704.69	3/4	3,067.63	3/4	3,430.12
6	189.70	6	553.24	6	914.71	6	1,269.36	6	1,632.74	6	1,995.23	6	2,349.90	6	2,712.25	6	3,075.18	6	3,437.66
1/4	197.28	1/4	560.81	1/4	922.05	1/4	1,276.93	1/4	1,640.31	1/4	2,002.53	1/4	2,357.43	1/4	2,719.82	1/4	3,082.74	1/4	3,445.20
1/2	204.85	1/2	568.39	1/2	929.39	1/2	1,284.50	1/2	1,647.88	1/2	2,009.83	1/2	2,364.96	1/2	2,727.38	1/2	3,090.30	1/2	3,452.73
3/4	212.43	3/4	575.96	3/4	936.73	3/4	1,292.07	3/4	1,655.45	3/4	2,017.13	3/4	2,372.49	3/4	2,734.94	3/4	3,097.86	3/4	3,460.27
7	220.00	7	583.54	7	944.08	7	1,299.64	7	1,663.02	7	2,024.43	7	2,380.02	7	2,742.50	7	3,105.42	7	3,467.81
1/4	227.58	1/4	591.11	1/4	951.42	1/4	1,307.21	1/4	1,670.59	1/4	2,031.22	1/4	2,387.55	1/4	2,750.06	1/4	3,112.98	1/4	3,475.35
1/2	235.15	1/2	598.68	1/2	958.76	1/2	1,314.78	1/2	1,678.16	1/2	2,038.01	1/2	2,395.08	1/2	2,757.62	1/2	3,120.54	1/2	3,482.89
3/4	242.72	3/4	606.26	3/4	966.10	3/4	1,322.35	3/4	1,685.73	3/4	2,044.80	3/4	2,402.61	3/4	2,765.19	3/4	3,128.10	3/4	3,490.43
8	250.30	8	613.83	8	973.44	8	1,329.92	8	1,693.30	8	2,051.59	8	2,410.14	8	2,772.75	8	3,135.66	8	3,497.96
1/4	257.87	1/4	621.41	1/4	980.78	1/4	1,337.49	1/4	1,700.87	1/4	2,058.55	1/4	2,417.67	1/4	2,780.31	1/4	3,143.21	1/4	3,505.50
1/2	265.44	1/2	628.98	1/2	988.12	1/2	1,345.06	1/2	1,708.44	1/2	2,065.52	1/2	2,425.20	1/2	2,787.87	1/2	3,150.77	1/2	3,513.04
3/4	273.02	3/4	636.56	3/4	995.46	3/4	1,352.63	3/4	1,716.01	3/4	2,072.49	3/4	2,432.73	3/4	2,795.43	3/4	3,158.33	3/4	3,520.58
9	280.59	9	644.13	9	1,002.80	9	1,360.20	9	1,723.58	9	2,079.46	9	2,440.26	9	2,802.99	9	3,165.89	9	3,528.12
1/4	288.16	1/4	651.71	1/4	1,010.14	1/4	1,367.77	1/4	1,731.15	1/4	2,086.97	1/4	2,447.79	1/4	2,810.56	1/4	3,173.45	1/4	3,535.66
1/2	295.74	1/2	659.28	1/2	1,017.49	1/2	1,375.34	1/2	1,738.72	1/2	2,094.47	1/2	2,455.32	1/2	2,818.12	1/2	3,181.01	1/2	3,543.20
3/4	303.31	3/4	666.85	3/4	1,024.83	3/4	1,382.91	3/4	1,746.29	3/4	2,101.98	3/4	2,462.85	3/4	2,825.68	3/4	3,188.57	3/4	3,550.74
10	310.88	10	674.43	10	1,032.17	10	1,390.48	10	1,753.86	10	2,109.48	10	2,470.38	10	2,833.24	10	3,196.13	10	3,558.28
1/4	318.46	1/4	682.00	1/4	1,039.51	1/4	1,398.06	1/4	1,761.43	1/4	2,116.99	1/4	2,477.92	1/4	2,840.80	1/4	3,203.69	1/4	3,565.83
1/2	326.03	1/2	689.58	1/2	1,046.85	1/2	1,405.63	1/2	1,769.00	1/2	2,124.50	1/2	2,485.45	1/2	2,848.36	1/2	3,211.24	1/2	3,573.38
3/4	333.60	3/4	697.15	3/4	1,054.19	3/4	1,413.20	3/4	1,776.58	3/4	2,132.00	3/4	2,492.98	3/4	2,855.92	3/4	3,218.80	3/4	3,580.93
11	341.18	11	704.73	11	1,061.53	11	1,420.77	11	1,784.15	11	2,139.51	11	2,500.51	11	2,863.49	11	3,226.36	11	3,588.48
1/4	348.75	1/4	712.30	1/4	1,068.87	1/4	1,428.34	1/4	1,791.72	1/4	2,147.01	1/4	2,508.05	1/4	2,871.05	1/4	3,233.92	1/4	3,595.60
1/2	356.32	1/2	719.88	1/2	1,076.22	1/2	1,435.91	1/2	1,799.29	1/2	2,154.52	1/2	2,515.59	1/2	2,878.61	1/2	3,241.48	1/2	3,602.72
3/4	363.90	3/4	727.45	3/4	1,083.56	3/4	1,443.48	3/4	1,806.86	3/4	2,162.03	3/4	2,523.13	3/4	2,886.17	3/4	3,249.04	3/4	3,609.83

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 LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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

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



BARGE "CTCo 330"

3 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,616.95	0	3,817.45	0	4,011.28	0	4,195.15	0	4,371.91	0		0		0		0		0	
1/4	3,622.34	1/4	3,821.51	1/4	4,015.22	1/4	4,198.85	1/4	4,375.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,627.72	1/2	3,825.58	1/2	4,019.17	1/2	4,202.56	1/2	4,379.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,633.11	3/4	3,829.65	3/4	4,023.11	3/4	4,206.26	3/4	4,384.00	3/4		3/4		3/4		3/4		3/4	
1	3,638.49	1	3,833.72	1	4,027.06	1	4,209.96	1	4,388.03	1		1		1		1		1	
1/4	3,642.56	1/4	3,837.78	1/4	4,030.98	1/4	4,213.64	1/4	4,391.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.62	1/2	3,841.85	1/2	4,034.91	1/2	4,217.32	1/2	4,395.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,650.69	3/4	3,845.92	3/4	4,038.83	3/4	4,221.00	3/4	4,399.55	3/4		3/4		3/4		3/4		3/4	
2	3,654.76	2	3,849.98	2	4,042.76	2	4,224.68	2	4,403.39	2		2		2		2		2	
1/4	3,658.83	1/4	3,854.05	1/4	4,046.66	1/4	4,228.33	1/4	4,406.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,662.89	1/2	3,858.12	1/2	4,050.57	1/2	4,231.97	1/2	4,409.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,666.96	3/4	3,862.19	3/4	4,054.47	3/4	4,235.61	3/4	4,412.06	3/4		3/4		3/4		3/4		3/4	
3	3,671.03	3	3,866.25	3	4,058.37	3	4,239.25	3	4,414.95	3		3		3		3		3	
1/4	3,675.09	1/4	3,870.32	1/4	4,062.25	1/4	4,242.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,679.16	1/2	3,874.39	1/2	4,066.12	1/2	4,246.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,683.23	3/4	3,878.45	3/4	4,070.00	3/4	4,250.12	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,687.30	4	3,882.52	4	4,073.87	4	4,253.74	4		4		4		4		4		4	
1/4	3,691.36	1/4	3,886.59	1/4	4,077.72	1/4	4,257.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,695.43	1/2	3,890.66	1/2	4,081.58	1/2	4,260.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,699.50	3/4	3,894.72	3/4	4,085.43	3/4	4,264.56	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,703.56	5	3,898.79	5	4,089.28	5	4,268.16	5		5		5		5		5		5	
1/4	3,707.63	1/4	3,902.86	1/4	4,093.12	1/4	4,271.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.70	1/2	3,906.92	1/2	4,096.95	1/2	4,275.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,715.77	3/4	3,910.99	3/4	4,100.79	3/4	4,278.93	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,719.83	6	3,915.05	6	4,104.62	6	4,282.51	6		6		6		6		6		6	
1/4	3,723.90	1/4	3,919.11	1/4	4,108.44	1/4	4,286.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,727.97	1/2	3,923.17	1/2	4,112.26	1/2	4,289.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,732.04	3/4	3,927.22	3/4	4,116.07	3/4	4,293.22	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,736.10	7	3,931.28	7	4,119.89	7	4,296.79	7		7		7		7		7		7	
1/4	3,740.17	1/4	3,935.32	1/4	4,123.69	1/4	4,300.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,744.24	1/2	3,939.35	1/2	4,127.49	1/2	4,303.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,748.30	3/4	3,943.39	3/4	4,131.29	3/4	4,307.43	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,752.37	8	3,947.43	8	4,135.09	8	4,310.98	8		8		8		8		8		8	
1/4	3,756.44	1/4	3,951.45	1/4	4,138.87	1/4	4,314.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.51	1/2	3,955.47	1/2	4,142.65	1/2	4,318.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.57	3/4	3,959.49	3/4	4,146.43	3/4	4,321.57	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,768.64	9	3,963.51	9	4,150.21	9	4,325.10	9		9		9		9		9		9	
1/4	3,772.71	1/4	3,967.51	1/4	4,153.97	1/4	4,328.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.77	1/2	3,971.51	1/2	4,157.74	1/2	4,332.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.84	3/4	3,975.51	3/4	4,161.50	3/4	4,336.04	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,784.91	10	3,979.51	10	4,165.26	10	4,339.69	10		10		10		10		10		10	
1/4	3,788.98	1/4	3,983.49	1/4	4,169.01	1/4	4,343.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,793.04	1/2	3,987.47	1/2	4,172.75	1/2	4,347.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,797.11	3/4	3,991.45	3/4	4,176.50	3/4	4,351.77	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,801.18	11	3,995.43	11	4,180.24	11	4,355.80	11		11		11		11		11		11	
1/4	3,805.24	1/4	3,999.39	1/4	4,183.97	1/4	4,359.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,809.31	1/2	4,003.36	1/2	4,187.69	1/2	4,363.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,813.38	3/4	4,007.32	3/4	4,191.42	3/4	4,367.88	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/01/2014 CL
CALCULATED: 07/01/2014 CL
PRINTED: 07/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "CTCo 330"

3 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.28	0	371.98	0	736.21	0	1,099.94	0	1,464.12	0	1,828.35	0	2,186.40	0	2,550.56	0	2,914.49	0	3,278.23
1/4	25.50	1/4	379.57	1/4	743.80	1/4	1,107.52	1/4	1,471.71	1/4	1,835.94	1/4	2,193.98	1/4	2,558.15	1/4	2,922.07	1/4	3,285.80
1/2	30.72	1/2	387.16	1/2	751.38	1/2	1,115.10	1/2	1,479.30	1/2	1,843.53	1/2	2,201.57	1/2	2,565.74	1/2	2,929.65	1/2	3,293.38
3/4	35.93	3/4	394.74	3/4	758.97	3/4	1,122.68	3/4	1,486.88	3/4	1,851.12	3/4	2,209.16	3/4	2,573.32	3/4	2,937.23	3/4	3,300.96
1	41.15	1	402.33	1	766.56	1	1,130.26	1	1,494.47	1	1,858.71	1	2,216.74	1	2,580.91	1	2,944.81	1	3,308.53
1/4	48.02	1/4	409.92	1/4	774.15	1/4	1,137.85	1/4	1,502.06	1/4	1,866.29	1/4	2,224.33	1/4	2,588.50	1/4	2,952.39	1/4	3,316.10
1/2	54.88	1/2	417.51	1/2	781.74	1/2	1,145.43	1/2	1,509.65	1/2	1,873.88	1/2	2,231.92	1/2	2,596.08	1/2	2,959.97	1/2	3,323.68
3/4	61.75	3/4	425.10	3/4	789.32	3/4	1,153.01	3/4	1,517.24	3/4	1,881.47	3/4	2,239.50	3/4	2,603.67	3/4	2,967.55	3/4	3,331.25
2	68.61	2	432.68	2	796.91	2	1,160.59	2	1,524.83	2	1,889.06	2	2,247.09	2	2,611.26	2	2,975.13	2	3,338.82
1/4	76.17	1/4	440.27	1/4	804.50	1/4	1,168.18	1/4	1,532.41	1/4	1,896.65	1/4	2,254.68	1/4	2,618.84	1/4	2,982.71	1/4	3,346.38
1/2	83.73	1/2	447.86	1/2	812.09	1/2	1,175.77	1/2	1,540.00	1/2	1,904.24	1/2	2,262.27	1/2	2,626.43	1/2	2,990.29	1/2	3,353.93
3/4	91.29	3/4	455.45	3/4	819.68	3/4	1,183.36	3/4	1,547.59	3/4	1,911.82	3/4	2,269.85	3/4	2,634.02	3/4	2,997.87	3/4	3,361.49
3	98.85	3	463.04	3	827.26	3	1,190.94	3	1,555.18	3	1,919.41	3	2,277.44	3	2,641.61	3	3,005.45	3	3,369.04
1/4	106.43	1/4	470.62	1/4	834.85	1/4	1,198.53	1/4	1,562.77	1/4	1,926.99	1/4	2,285.03	1/4	2,649.19	1/4	3,013.03	1/4	3,376.60
1/2	114.00	1/2	478.21	1/2	842.43	1/2	1,206.12	1/2	1,570.35	1/2	1,934.57	1/2	2,292.61	1/2	2,656.78	1/2	3,020.61	1/2	3,384.16
3/4	121.58	3/4	485.80	3/4	850.01	3/4	1,213.71	3/4	1,577.94	3/4	1,942.16	3/4	2,300.20	3/4	2,664.36	3/4	3,028.19	3/4	3,391.71
4	129.16	4	493.39	4	857.60	4	1,221.30	4	1,585.53	4	1,949.74	4	2,307.79	4	2,671.95	4	3,035.76	4	3,399.27
1/4	136.75	1/4	500.98	1/4	865.17	1/4	1,228.89	1/4	1,593.12	1/4	1,957.29	1/4	2,315.37	1/4	2,679.53	1/4	3,043.34	1/4	3,406.83
1/2	144.34	1/2	508.56	1/2	872.74	1/2	1,236.47	1/2	1,600.71	1/2	1,964.84	1/2	2,322.96	1/2	2,687.11	1/2	3,050.92	1/2	3,414.38
3/4	151.93	3/4	516.15	3/4	880.32	3/4	1,244.06	3/4	1,608.30	3/4	1,972.40	3/4	2,330.55	3/4	2,694.69	3/4	3,058.50	3/4	3,421.94
5	159.51	5	523.74	5	887.89	5	1,251.65	5	1,615.88	5	1,979.95	5	2,338.13	5	2,702.27	5	3,066.07	5	3,429.49
1/4	167.10	1/4	531.33	1/4	895.46	1/4	1,259.24	1/4	1,623.47	1/4	1,987.50	1/4	2,345.72	1/4	2,709.84	1/4	3,073.65	1/4	3,437.05
1/2	174.69	1/2	538.92	1/2	903.04	1/2	1,266.83	1/2	1,631.06	1/2	1,995.05	1/2	2,353.31	1/2	2,717.42	1/2	3,081.23	1/2	3,444.61
3/4	182.28	3/4	546.51	3/4	910.61	3/4	1,274.42	3/4	1,638.65	3/4	2,002.61	3/4	2,360.89	3/4	2,725.00	3/4	3,088.80	3/4	3,452.16
6	189.86	6	554.09	6	918.18	6	1,282.00	6	1,646.24	6	2,010.16	6	2,368.48	6	2,732.58	6	3,096.38	6	3,459.72
1/4	197.45	1/4	561.68	1/4	925.76	1/4	1,289.59	1/4	1,653.83	1/4	2,017.54	1/4	2,376.07	1/4	2,740.16	1/4	3,103.96	1/4	3,467.28
1/2	205.04	1/2	569.27	1/2	933.33	1/2	1,297.18	1/2	1,661.41	1/2	2,024.92	1/2	2,383.65	1/2	2,747.74	1/2	3,111.53	1/2	3,474.83
3/4	212.63	3/4	576.86	3/4	940.90	3/4	1,304.77	3/4	1,669.00	3/4	2,032.31	3/4	2,391.24	3/4	2,755.32	3/4	3,119.11	3/4	3,482.39
7	220.22	7	584.45	7	948.47	7	1,312.36	7	1,676.59	7	2,039.69	7	2,398.83	7	2,762.90	7	3,126.69	7	3,489.94
1/4	227.81	1/4	592.03	1/4	956.05	1/4	1,319.94	1/4	1,684.18	1/4	2,046.56	1/4	2,406.41	1/4	2,770.48	1/4	3,134.26	1/4	3,497.50
1/2	235.39	1/2	599.62	1/2	963.62	1/2	1,327.53	1/2	1,691.77	1/2	2,053.42	1/2	2,414.00	1/2	2,778.06	1/2	3,141.84	1/2	3,505.06
3/4	242.98	3/4	607.21	3/4	971.19	3/4	1,335.12	3/4	1,699.35	3/4	2,060.29	3/4	2,421.59	3/4	2,785.64	3/4	3,149.42	3/4	3,512.61
8	250.57	8	614.80	8	978.77	8	1,342.71	8	1,706.94	8	2,067.16	8	2,429.17	8	2,793.22	8	3,156.99	8	3,520.17
1/4	258.16	1/4	622.39	1/4	986.34	1/4	1,350.30	1/4	1,714.53	1/4	2,074.21	1/4	2,436.76	1/4	2,800.80	1/4	3,164.57	1/4	3,527.73
1/2	265.75	1/2	629.97	1/2	993.91	1/2	1,357.89	1/2	1,722.12	1/2	2,081.26	1/2	2,444.35	1/2	2,808.38	1/2	3,172.15	1/2	3,535.28
3/4	273.33	3/4	637.56	3/4	1,001.49	3/4	1,365.47	3/4	1,729.71	3/4	2,088.31	3/4	2,451.94	3/4	2,815.96	3/4	3,179.73	3/4	3,542.84
9	280.92	9	645.15	9	1,009.06	9	1,373.06	9	1,737.30	9	2,095.36	9	2,459.52	9	2,823.54	9	3,187.30	9	3,550.39
1/4	288.51	1/4	652.74	1/4	1,016.63	1/4	1,380.65	1/4	1,744.88	1/4	2,102.94	1/4	2,467.11	1/4	2,831.12	1/4	3,194.88	1/4	3,557.95
1/2	296.10	1/2	660.33	1/2	1,024.20	1/2	1,388.24	1/2	1,752.47	1/2	2,110.53	1/2	2,474.70	1/2	2,838.70	1/2	3,202.46	1/2	3,565.51
3/4	303.69	3/4	667.91	3/4	1,031.78	3/4	1,395.83	3/4	1,760.06	3/4	2,118.12	3/4	2,482.28	3/4	2,846.28	3/4	3,210.03	3/4	3,573.06
10	311.27	10	675.50	10	1,039.35	10	1,403.41	10	1,767.65	10	2,125.70	10	2,489.87	10	2,853.86	10	3,217.61	10	3,580.62
1/4	318.86	1/4	683.09	1/4	1,046.92	1/4	1,411.00	1/4	1,775.24	1/4	2,133.29	1/4	2,497.46	1/4	2,861.44	1/4	3,225.19	1/4	3,588.17
1/2	326.45	1/2	690.68	1/2	1,054.50	1/2	1,418.59	1/2	1,782.82	1/2	2,140.88	1/2	2,505.04	1/2	2,869.02	1/2	3,232.76	1/2	3,595.73
3/4	334.04	3/4	698.27	3/4	1,062.07	3/4	1,426.18	3/4	1,790.41	3/4	2,148.46	3/4	2,512.63	3/4	2,876.60	3/4	3,240.34	3/4	3,603.29
11	341.63	11	705.86	11	1,069.64	11	1,433.77	11	1,798.00	11	2,156.05	11	2,520.22	11	2,884.18	11	3,247.92	11	3,610.84
1/4	349.21	1/4	713.44	1/4	1,077.22	1/4	1,441.36	1/4	1,805.59	1/4	2,163.64	1/4	2,527.80	1/4	2,891.76	1/4	3,255.49	1/4	3,617.97
1/2	356.80	1/2	721.03	1/2	1,084.79	1/2	1,448.94	1/2	1,813.18	1/2	2,171.22	1/2	2,535.39	1/2	2,899.33	1/2	3,263.07	1/2	3,625.09
3/4	364.39	3/4	728.62	3/4	1,092.37	3/4	1,456.53	3/4	1,820.77	3/4	2,178.81	3/4	2,542.98	3/4	2,906.91	3/4	3,270.65	3/4	3,632.21

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 LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 330"

3 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,639.33	0	3,839.72	0	4,033.44	0	4,217.18	0	4,393.80	0		0		0		0		0	
1/4	3,644.72	1/4	3,843.78	1/4	4,037.38	1/4	4,220.88	1/4	4,397.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,650.10	1/2	3,847.85	1/2	4,041.32	1/2	4,224.58	1/2	4,401.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,655.48	3/4	3,851.91	3/4	4,045.26	3/4	4,228.28	3/4	4,405.88	3/4		3/4		3/4		3/4		3/4	
1	3,660.87	1	3,855.98	1	4,049.20	1	4,231.98	1	4,409.91	1		1		1		1		1	
1/4	3,664.93	1/4	3,860.04	1/4	4,053.13	1/4	4,235.66	1/4	4,413.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.00	1/2	3,864.11	1/2	4,057.05	1/2	4,239.34	1/2	4,417.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.06	3/4	3,868.17	3/4	4,060.97	3/4	4,243.01	3/4	4,421.42	3/4		3/4		3/4		3/4		3/4	
2	3,677.13	2	3,872.24	2	4,064.90	2	4,246.69	2	4,425.26	2		2		2		2		2	
1/4	3,681.19	1/4	3,876.30	1/4	4,068.80	1/4	4,250.33	1/4	4,428.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,685.26	1/2	3,880.37	1/2	4,072.70	1/2	4,253.97	1/2	4,431.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,689.32	3/4	3,884.43	3/4	4,076.60	3/4	4,257.61	3/4	4,433.92	3/4		3/4		3/4		3/4		3/4	
3	3,693.39	3	3,888.50	3	4,080.50	3	4,261.24	3	4,436.81	3		3		3		3		3	
1/4	3,697.45	1/4	3,892.56	1/4	4,084.37	1/4	4,264.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,701.52	1/2	3,896.63	1/2	4,088.25	1/2	4,268.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,705.58	3/4	3,900.69	3/4	4,092.12	3/4	4,272.11	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,709.65	4	3,904.76	4	4,095.99	4	4,275.73	4		4		4		4		4		4	
1/4	3,713.71	1/4	3,908.82	1/4	4,099.84	1/4	4,279.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.78	1/2	3,912.89	1/2	4,103.69	1/2	4,282.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,721.84	3/4	3,916.95	3/4	4,107.54	3/4	4,286.53	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,725.90	5	3,921.02	5	4,111.39	5	4,290.14	5		5		5		5		5		5	
1/4	3,729.97	1/4	3,925.08	1/4	4,115.22	1/4	4,293.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.03	1/2	3,929.14	1/2	4,119.05	1/2	4,297.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.10	3/4	3,933.21	3/4	4,122.89	3/4	4,300.89	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,742.16	6	3,937.27	6	4,126.72	6	4,304.47	6		6		6		6		6		6	
1/4	3,746.23	1/4	3,941.32	1/4	4,130.53	1/4	4,308.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,750.29	1/2	3,945.38	1/2	4,134.35	1/2	4,311.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.36	3/4	3,949.43	3/4	4,138.16	3/4	4,315.17	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,758.42	7	3,953.48	7	4,141.98	7	4,318.74	7		7		7		7		7		7	
1/4	3,762.49	1/4	3,957.52	1/4	4,145.77	1/4	4,322.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.55	1/2	3,961.56	1/2	4,149.57	1/2	4,325.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.62	3/4	3,965.59	3/4	4,153.36	3/4	4,329.37	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,774.68	8	3,969.63	8	4,157.16	8	4,332.91	8		8		8		8		8		8	
1/4	3,778.75	1/4	3,973.65	1/4	4,160.94	1/4	4,336.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.81	1/2	3,977.66	1/2	4,164.72	1/2	4,339.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.88	3/4	3,981.68	3/4	4,168.50	3/4	4,343.50	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,790.94	9	3,985.70	9	4,172.27	9	4,347.03	9		9		9		9		9		9	
1/4	3,795.01	1/4	3,989.70	1/4	4,176.03	1/4	4,350.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,799.07	1/2	3,993.70	1/2	4,179.79	1/2	4,354.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,803.14	3/4	3,997.69	3/4	4,183.55	3/4	4,357.96	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,807.20	10	4,001.69	10	4,187.31	10	4,361.60	10		10		10		10		10		10	
1/4	3,811.27	1/4	4,005.67	1/4	4,191.06	1/4	4,365.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,815.33	1/2	4,009.65	1/2	4,194.80	1/2	4,369.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.40	3/4	4,013.62	3/4	4,198.54	3/4	4,373.68	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,823.46	11	4,017.60	11	4,202.28	11	4,377.70	11		11		11		11		11		11	
1/4	3,827.52	1/4	4,021.56	1/4	4,206.01	1/4	4,381.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,831.59	1/2	4,025.52	1/2	4,209.73	1/2	4,385.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.65	3/4	4,029.48	3/4	4,213.45	3/4	4,389.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/01/2014 CL
CALCULATED: 07/01/2014 CL
PRINTED: 07/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "CTCO 330"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-11"

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	1,625	0	3,250	0	4,875	0	6,501	0	8,126	0	9,751	0		0		0	
1/4	34	1/4	1,659	1/4	3,284	1/4	4,909	1/4	6,534	1/4	8,160	1/4	9,785	1/4		1/4		1/4	
1/2	68	1/2	1,693	1/2	3,318	1/2	4,943	1/2	6,568	1/2	8,193	1/2	9,819	1/2		1/2		1/2	
3/4	102	3/4	1,727	3/4	3,352	3/4	4,977	3/4	6,602	3/4	8,227	3/4	9,852	3/4		3/4		3/4	
1	135	1	1,761	1	3,386	1	5,011	1	6,636	1	8,261	1	9,886	1		1		1	
1/4	169	1/4	1,794	1/4	3,420	1/4	5,045	1/4	6,670	1/4	8,295	1/4	9,920	1/4		1/4		1/4	
1/2	203	1/2	1,828	1/2	3,453	1/2	5,079	1/2	6,704	1/2	8,329	1/2	9,954	1/2		1/2		1/2	
3/4	237	3/4	1,862	3/4	3,487	3/4	5,112	3/4	6,738	3/4	8,363	3/4	9,988	3/4		3/4		3/4	
2	271	2	1,896	2	3,521	2	5,146	2	6,771	2	8,397	2	10,022	2		2		2	
1/4	305	1/4	1,930	1/4	3,555	1/4	5,180	1/4	6,805	1/4	8,430	1/4	10,056	1/4		1/4		1/4	
1/2	339	1/2	1,964	1/2	3,589	1/2	5,214	1/2	6,839	1/2	8,464	1/2	10,089	1/2		1/2		1/2	
3/4	372	3/4	1,998	3/4	3,623	3/4	5,248	3/4	6,873	3/4	8,498	3/4		3/4		3/4		3/4	
3	406	3	2,031	3	3,657	3	5,282	3	6,907	3	8,532	3		3		3		3	
1/4	440	1/4	2,065	1/4	3,690	1/4	5,316	1/4	6,941	1/4	8,566	1/4		1/4		1/4		1/4	
1/2	474	1/2	2,099	1/2	3,724	1/2	5,349	1/2	6,975	1/2	8,600	1/2		1/2		1/2		1/2	
3/4	508	3/4	2,133	3/4	3,758	3/4	5,383	3/4	7,008	3/4	8,634	3/4		3/4		3/4		3/4	
4	542	4	2,167	4	3,792	4	5,417	4	7,042	4	8,667	4		4		4		4	
1/4	576	1/4	2,201	1/4	3,826	1/4	5,451	1/4	7,076	1/4	8,701	1/4		1/4		1/4		1/4	
1/2	609	1/2	2,235	1/2	3,860	1/2	5,485	1/2	7,110	1/2	8,735	1/2		1/2		1/2		1/2	
3/4	643	3/4	2,268	3/4	3,894	3/4	5,519	3/4	7,144	3/4	8,769	3/4		3/4		3/4		3/4	
5	677	5	2,302	5	3,927	5	5,553	5	7,178	5	8,803	5		5		5		5	
1/4	711	1/4	2,336	1/4	3,961	1/4	5,586	1/4	7,212	1/4	8,837	1/4		1/4		1/4		1/4	
1/2	745	1/2	2,370	1/2	3,995	1/2	5,620	1/2	7,245	1/2	8,871	1/2		1/2		1/2		1/2	
3/4	779	3/4	2,404	3/4	4,029	3/4	5,654	3/4	7,279	3/4	8,904	3/4		3/4		3/4		3/4	
6	813	6	2,438	6	4,063	6	5,688	6	7,313	6	8,938	6		6		6		6	
1/4	846	1/4	2,472	1/4	4,097	1/4	5,722	1/4	7,347	1/4	8,972	1/4		1/4		1/4		1/4	
1/2	880	1/2	2,505	1/2	4,131	1/2	5,756	1/2	7,381	1/2	9,006	1/2		1/2		1/2		1/2	
3/4	914	3/4	2,539	3/4	4,164	3/4	5,790	3/4	7,415	3/4	9,040	3/4		3/4		3/4		3/4	
7	948	7	2,573	7	4,198	7	5,823	7	7,449	7	9,074	7		7		7		7	
1/4	982	1/4	2,607	1/4	4,232	1/4	5,857	1/4	7,482	1/4	9,108	1/4		1/4		1/4		1/4	
1/2	1,016	1/2	2,641	1/2	4,266	1/2	5,891	1/2	7,516	1/2	9,141	1/2		1/2		1/2		1/2	
3/4	1,050	3/4	2,675	3/4	4,300	3/4	5,925	3/4	7,550	3/4	9,175	3/4		3/4		3/4		3/4	
8	1,083	8	2,709	8	4,334	8	5,959	8	7,584	8	9,209	8		8		8		8	
1/4	1,117	1/4	2,742	1/4	4,368	1/4	5,993	1/4	7,618	1/4	9,243	1/4		1/4		1/4		1/4	
1/2	1,151	1/2	2,776	1/2	4,401	1/2	6,027	1/2	7,652	1/2	9,277	1/2		1/2		1/2		1/2	
3/4	1,185	3/4	2,810	3/4	4,435	3/4	6,060	3/4	7,686	3/4	9,311	3/4		3/4		3/4		3/4	
9	1,219	9	2,844	9	4,469	9	6,094	9	7,719	9	9,345	9		9		9		9	
1/4	1,253	1/4	2,878	1/4	4,503	1/4	6,128	1/4	7,753	1/4	9,378	1/4		1/4		1/4		1/4	
1/2	1,287	1/2	2,912	1/2	4,537	1/2	6,162	1/2	7,787	1/2	9,412	1/2		1/2		1/2		1/2	
3/4	1,320	3/4	2,946	3/4	4,571	3/4	6,196	3/4	7,821	3/4	9,446	3/4		3/4		3/4		3/4	
10	1,354	10	2,979	10	4,605	10	6,230	10	7,855	10	9,480	10		10		10		10	
1/4	1,388	1/4	3,013	1/4	4,638	1/4	6,264	1/4	7,889	1/4	9,514	1/4		1/4		1/4		1/4	
1/2	1,422	1/2	3,047	1/2	4,672	1/2	6,297	1/2	7,923	1/2	9,548	1/2		1/2		1/2		1/2	
3/4	1,456	3/4	3,081	3/4	4,706	3/4	6,331	3/4	7,956	3/4	9,582	3/4		3/4		3/4		3/4	
11	1,490	11	3,115	11	4,740	11	6,365	11	7,990	11	9,615	11		11		11		11	
1/4	1,524	1/4	3,149	1/4	4,774	1/4	6,399	1/4	8,024	1/4	9,649	1/4		1/4		1/4		1/4	
1/2	1,557	1/2	3,183	1/2	4,808	1/2	6,433	1/2	8,058	1/2	9,683	1/2		1/2		1/2		1/2	
3/4	1,591	3/4	3,216	3/4	4,842	3/4	6,467	3/4	8,092	3/4	9,717	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 2" DIAMETER PIPE.

STRAPPED: 07/01/2014 CL
CALCULATED: 07/01/2014 CL
PRINTED: 07/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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