



BARGE "CTCo 337"

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	- 00-0/8	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
1 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
2 PORT	- 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	- 00-1/8	00-1/8
2 STBD	- 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	- 00-1/8	00-1/8
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	- 00-0/8	00-0/8	- 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 = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-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 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

March 19, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 337"

1 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 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	23.48	0	325.46	0	683.24	0	1,048.30	0	1,414.57	0	1,781.34	0	2,148.11	0	2,514.87	0	2,881.64	0	3,248.29
1/4	27.97	1/4	332.51	1/4	690.88	1/4	1,055.90	1/4	1,422.21	1/4	1,788.98	1/4	2,155.75	1/4	2,522.52	1/4	2,889.28	1/4	3,255.93
1/2	32.45	1/2	339.56	1/2	698.52	1/2	1,063.49	1/2	1,429.85	1/2	1,796.62	1/2	2,163.39	1/2	2,530.16	1/2	2,896.92	1/2	3,263.57
3/4	36.94	3/4	346.61	3/4	706.17	3/4	1,071.09	3/4	1,437.49	3/4	1,804.26	3/4	2,171.03	3/4	2,537.80	3/4	2,904.57	3/4	3,271.20
1	41.43	1	353.67	1	713.81	1	1,078.69	1	1,445.13	1	1,811.90	1	2,178.67	1	2,545.44	1	2,912.21	1	3,278.84
1/4	46.97	1/4	360.81	1/4	721.45	1/4	1,086.29	1/4	1,452.78	1/4	1,819.54	1/4	2,186.31	1/4	2,553.08	1/4	2,919.85	1/4	3,286.48
1/2	52.52	1/2	367.95	1/2	729.09	1/2	1,093.90	1/2	1,460.42	1/2	1,827.18	1/2	2,193.95	1/2	2,560.72	1/2	2,927.49	1/2	3,294.11
3/4	58.06	3/4	375.09	3/4	736.73	3/4	1,101.50	3/4	1,468.06	3/4	1,834.83	3/4	2,201.59	3/4	2,568.36	3/4	2,935.13	3/4	3,301.75
2	63.61	2	382.23	2	744.37	2	1,109.11	2	1,475.70	2	1,842.47	2	2,209.23	2	2,576.00	2	2,942.77	2	3,309.39
1/4	69.72	1/4	389.47	1/4	752.01	1/4	1,116.72	1/4	1,483.34	1/4	1,850.11	1/4	2,216.88	1/4	2,583.64	1/4	2,950.41	1/4	3,317.03
1/2	75.83	1/2	396.70	1/2	759.65	1/2	1,124.33	1/2	1,490.98	1/2	1,857.75	1/2	2,224.52	1/2	2,591.28	1/2	2,958.05	1/2	3,324.66
3/4	81.94	3/4	403.93	3/4	767.29	3/4	1,131.94	3/4	1,498.62	3/4	1,865.39	3/4	2,232.16	3/4	2,598.93	3/4	2,965.69	3/4	3,332.30
3	88.05	3	411.17	3	774.93	3	1,139.55	3	1,506.26	3	1,873.03	3	2,239.80	3	2,606.57	3	2,973.33	3	3,339.94
1/4	94.27	1/4	418.49	1/4	782.55	1/4	1,147.18	1/4	1,513.90	1/4	1,880.67	1/4	2,247.44	1/4	2,614.21	1/4	2,980.98	1/4	3,347.57
1/2	100.48	1/2	425.81	1/2	790.16	1/2	1,154.81	1/2	1,521.54	1/2	1,888.31	1/2	2,255.08	1/2	2,621.85	1/2	2,988.62	1/2	3,355.21
3/4	106.70	3/4	433.14	3/4	797.78	3/4	1,162.43	3/4	1,529.19	3/4	1,895.95	3/4	2,262.72	3/4	2,629.49	3/4	2,996.26	3/4	3,362.85
4	112.92	4	440.46	4	805.40	4	1,170.06	4	1,536.83	4	1,903.59	4	2,270.36	4	2,637.13	4	3,003.91	4	3,370.48
1/4	119.24	1/4	447.87	1/4	812.99	1/4	1,177.70	1/4	1,544.47	1/4	1,911.24	1/4	2,278.00	1/4	2,644.77	1/4	3,011.55	1/4	3,378.12
1/2	125.55	1/2	455.29	1/2	820.58	1/2	1,185.34	1/2	1,552.11	1/2	1,918.88	1/2	2,285.64	1/2	2,652.41	1/2	3,019.18	1/2	3,385.76
3/4	131.87	3/4	462.70	3/4	828.17	3/4	1,192.98	3/4	1,559.75	3/4	1,926.52	3/4	2,293.29	3/4	2,660.05	3/4	3,026.82	3/4	3,393.40
5	138.19	5	470.12	5	835.76	5	1,200.62	5	1,567.39	5	1,934.16	5	2,300.93	5	2,667.69	5	3,034.46	5	3,401.03
1/4	144.60	1/4	477.62	1/4	843.35	1/4	1,208.26	1/4	1,575.03	1/4	1,941.80	1/4	2,308.57	1/4	2,675.34	1/4	3,042.09	1/4	3,408.67
1/2	151.01	1/2	485.13	1/2	850.94	1/2	1,215.90	1/2	1,582.67	1/2	1,949.44	1/2	2,316.21	1/2	2,682.98	1/2	3,049.73	1/2	3,416.31
3/4	157.43	3/4	492.63	3/4	858.53	3/4	1,223.55	3/4	1,590.31	3/4	1,957.08	3/4	2,323.85	3/4	2,690.62	3/4	3,057.37	3/4	3,423.94
6	163.84	6	500.14	6	866.12	6	1,231.19	6	1,597.95	6	1,964.72	6	2,331.49	6	2,698.26	6	3,065.00	6	3,431.58
1/4	170.35	1/4	507.72	1/4	873.71	1/4	1,238.83	1/4	1,605.60	1/4	1,972.36	1/4	2,339.13	1/4	2,705.90	1/4	3,072.64	1/4	3,439.22
1/2	176.86	1/2	515.30	1/2	881.30	1/2	1,246.47	1/2	1,613.24	1/2	1,980.00	1/2	2,346.77	1/2	2,713.54	1/2	3,080.28	1/2	3,446.85
3/4	183.36	3/4	522.89	3/4	888.89	3/4	1,254.11	3/4	1,620.88	3/4	1,987.65	3/4	2,354.41	3/4	2,721.18	3/4	3,087.92	3/4	3,454.49
7	189.87	7	530.47	7	896.48	7	1,261.75	7	1,628.52	7	1,995.29	7	2,362.05	7	2,728.82	7	3,095.55	7	3,462.13
1/4	196.47	1/4	538.10	1/4	904.07	1/4	1,269.39	1/4	1,636.16	1/4	2,002.93	1/4	2,369.70	1/4	2,736.46	1/4	3,103.19	1/4	3,469.77
1/2	203.07	1/2	545.73	1/2	911.66	1/2	1,277.03	1/2	1,643.80	1/2	2,010.57	1/2	2,377.34	1/2	2,744.10	1/2	3,110.83	1/2	3,477.40
3/4	209.67	3/4	553.36	3/4	919.25	3/4	1,284.67	3/4	1,651.44	3/4	2,018.21	3/4	2,384.98	3/4	2,751.75	3/4	3,118.46	3/4	3,485.04
8	216.26	8	560.99	8	926.84	8	1,292.31	8	1,659.08	8	2,025.85	8	2,392.62	8	2,759.39	8	3,126.10	8	3,492.68
1/4	222.95	1/4	568.63	1/4	934.43	1/4	1,299.96	1/4	1,666.72	1/4	2,033.49	1/4	2,400.26	1/4	2,767.03	1/4	3,133.74	1/4	3,500.31
1/2	229.64	1/2	576.27	1/2	942.02	1/2	1,307.60	1/2	1,674.36	1/2	2,041.13	1/2	2,407.90	1/2	2,774.67	1/2	3,141.37	1/2	3,507.95
3/4	236.33	3/4	583.91	3/4	949.61	3/4	1,315.24	3/4	1,682.01	3/4	2,048.77	3/4	2,415.54	3/4	2,782.31	3/4	3,149.01	3/4	3,515.59
9	243.02	9	591.55	9	957.20	9	1,322.88	9	1,689.65	9	2,056.41	9	2,423.18	9	2,789.95	9	3,156.65	9	3,523.22
1/4	249.80	1/4	599.19	1/4	964.79	1/4	1,330.52	1/4	1,697.29	1/4	2,064.06	1/4	2,430.82	1/4	2,797.59	1/4	3,164.29	1/4	3,530.86
1/2	256.58	1/2	606.83	1/2	972.38	1/2	1,338.16	1/2	1,704.93	1/2	2,071.70	1/2	2,438.46	1/2	2,805.23	1/2	3,171.92	1/2	3,538.49
3/4	263.36	3/4	614.48	3/4	979.97	3/4	1,345.80	3/4	1,712.57	3/4	2,079.34	3/4	2,446.11	3/4	2,812.87	3/4	3,179.56	3/4	3,546.12
10	270.14	10	622.12	10	987.56	10	1,353.44	10	1,720.21	10	2,086.98	10	2,453.75	10	2,820.51	10	3,187.20	10	3,553.75
1/4	277.01	1/4	629.76	1/4	995.15	1/4	1,361.08	1/4	1,727.85	1/4	2,094.62	1/4	2,461.39	1/4	2,828.16	1/4	3,194.83	1/4	3,561.38
1/2	283.88	1/2	637.40	1/2	1,002.74	1/2	1,368.72	1/2	1,735.49	1/2	2,102.26	1/2	2,469.03	1/2	2,835.80	1/2	3,202.47	1/2	3,569.00
3/4	290.75	3/4	645.04	3/4	1,010.33	3/4	1,376.37	3/4	1,743.13	3/4	2,109.90	3/4	2,476.67	3/4	2,843.44	3/4	3,210.11	3/4	3,576.63
11	297.62	11	652.68	11	1,017.92	11	1,384.01	11	1,750.77	11	2,117.54	11	2,484.31	11	2,851.08	11	3,217.74	11	3,584.26
1/4	304.58	1/4	660.32	1/4	1,025.52	1/4	1,391.65	1/4	1,758.42	1/4	2,125.18	1/4	2,491.95	1/4	2,858.72	1/4	3,225.38	1/4	3,591.88
1/2	311.54	1/2	667.96	1/2	1,033.11	1/2	1,399.29	1/2	1,766.06	1/2	2,132.82	1/2	2,499.59	1/2	2,866.36	1/2	3,233.02	1/2	3,599.51
3/4	318.50	3/4	675.60	3/4	1,040.70	3/4	1,406.93	3/4	1,773.70	3/4	2,140.47	3/4	2,507.23	3/4	2,874.00	3/4	3,240.66	3/4	3,607.13

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'-03" FORWARD OF AFT BULKHEAD.

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

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BARGE "CTCo 337"

1 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,614.76	0	3,980.78	0	4,343.97	0	4,688.48	0	5,021.26	0		0		0		0		0	
1/4	3,622.38	1/4	3,988.41	1/4	4,351.35	1/4	4,695.43	1/4	5,028.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.01	1/2	3,996.03	1/2	4,358.74	1/2	4,702.37	1/2	5,036.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,637.63	3/4	4,003.66	3/4	4,366.13	3/4	4,709.31	3/4	5,043.97	3/4		3/4		3/4		3/4		3/4	
1	3,645.26	1	4,011.28	1	4,373.51	1	4,716.26	1	5,051.54	1		1		1		1		1	
1/4	3,652.88	1/4	4,018.91	1/4	4,380.86	1/4	4,723.15	1/4	5,058.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.51	1/2	4,026.53	1/2	4,388.22	1/2	4,730.04	1/2	5,065.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.14	3/4	4,034.16	3/4	4,395.57	3/4	4,736.93	3/4	5,073.10	3/4		3/4		3/4		3/4		3/4	
2	3,675.76	2	4,041.79	2	4,402.92	2	4,743.82	2	5,080.29	2		2		2		2		2	
1/4	3,683.39	1/4	4,049.41	1/4	4,410.23	1/4	4,750.65	1/4	5,086.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.01	1/2	4,057.04	1/2	4,417.54	1/2	4,757.49	1/2	5,092.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.64	3/4	4,064.66	3/4	4,424.84	3/4	4,764.33	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,706.26	3	4,072.29	3	4,432.15	3	4,771.16	3		3		3		3		3		3	
1/4	3,713.89	1/4	4,079.91	1/4	4,439.41	1/4	4,777.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.51	1/2	4,087.54	1/2	4,446.67	1/2	4,784.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,729.14	3/4	4,095.16	3/4	4,453.93	3/4	4,791.57	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,736.77	4	4,102.79	4	4,461.19	4	4,798.37	4		4		4		4		4		4	
1/4	3,744.39	1/4	4,110.41	1/4	4,468.41	1/4	4,805.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.02	1/2	4,118.04	1/2	4,475.63	1/2	4,811.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.64	3/4	4,125.67	3/4	4,482.85	3/4	4,818.68	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,767.27	5	4,133.29	5	4,490.07	5	4,825.45	5		5		5		5		5		5	
1/4	3,774.89	1/4	4,140.91	1/4	4,497.26	1/4	4,832.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.52	1/2	4,148.53	1/2	4,504.45	1/2	4,838.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,790.14	3/4	4,156.14	3/4	4,511.64	3/4	4,845.66	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,797.77	6	4,163.76	6	4,518.82	6	4,852.40	6		6		6		6		6		6	
1/4	3,805.39	1/4	4,171.36	1/4	4,525.98	1/4	4,859.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,813.02	1/2	4,178.96	1/2	4,533.13	1/2	4,865.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,820.65	3/4	4,186.55	3/4	4,540.28	3/4	4,872.49	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,828.27	7	4,194.15	7	4,547.44	7	4,879.19	7		7		7		7		7		7	
1/4	3,835.90	1/4	4,201.71	1/4	4,554.56	1/4	4,885.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,843.52	1/2	4,209.27	1/2	4,561.68	1/2	4,892.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,851.15	3/4	4,216.83	3/4	4,568.80	3/4	4,899.17	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,858.77	8	4,224.40	8	4,575.92	8	4,905.83	8		8		8		8		8		8	
1/4	3,866.40	1/4	4,231.93	1/4	4,583.01	1/4	4,912.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,874.02	1/2	4,239.46	1/2	4,590.09	1/2	4,919.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,881.65	3/4	4,246.98	3/4	4,597.18	3/4	4,925.73	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,889.28	9	4,254.51	9	4,604.27	9	4,932.36	9		9		9		9		9		9	
1/4	3,896.90	1/4	4,262.00	1/4	4,611.32	1/4	4,939.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,904.53	1/2	4,269.50	1/2	4,618.37	1/2	4,946.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,912.15	3/4	4,276.99	3/4	4,625.43	3/4	4,953.63	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,919.78	10	4,284.48	10	4,632.48	10	4,960.72	10		10		10		10		10		10	
1/4	3,927.40	1/4	4,291.93	1/4	4,639.50	1/4	4,968.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,935.03	1/2	4,299.38	1/2	4,646.52	1/2	4,975.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.65	3/4	4,306.84	3/4	4,653.54	3/4	4,983.42	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,950.28	11	4,314.29	11	4,660.56	11	4,990.99	11		11		11		11		11		11	
1/4	3,957.90	1/4	4,321.71	1/4	4,667.54	1/4	4,998.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,965.53	1/2	4,329.13	1/2	4,674.52	1/2	5,006.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,973.16	3/4	4,336.55	3/4	4,681.50	3/4	5,013.70	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P. O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 337"

1 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 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	23.48	0	325.14	0	682.31	0	1,048.05	0	1,414.22	0	1,780.43	0	2,146.63	0	2,512.84	0	2,879.05	0	3,245.12
1/4	27.97	1/4	332.18	1/4	689.93	1/4	1,055.68	1/4	1,421.85	1/4	1,788.06	1/4	2,154.26	1/4	2,520.47	1/4	2,886.68	1/4	3,252.75
1/2	32.45	1/2	339.22	1/2	697.56	1/2	1,063.30	1/2	1,429.48	1/2	1,795.69	1/2	2,161.89	1/2	2,528.10	1/2	2,894.31	1/2	3,260.37
3/4	36.94	3/4	346.26	3/4	705.19	3/4	1,070.92	3/4	1,437.11	3/4	1,803.32	3/4	2,169.52	3/4	2,535.73	3/4	2,901.93	3/4	3,268.00
1	41.43	1	353.30	1	712.82	1	1,078.54	1	1,444.74	1	1,810.94	1	2,177.15	1	2,543.36	1	2,909.56	1	3,275.62
1/4	46.97	1/4	360.43	1/4	720.45	1/4	1,086.17	1/4	1,452.37	1/4	1,818.57	1/4	2,184.78	1/4	2,550.99	1/4	2,917.19	1/4	3,283.25
1/2	52.52	1/2	367.56	1/2	728.08	1/2	1,093.80	1/2	1,460.00	1/2	1,826.20	1/2	2,192.41	1/2	2,558.62	1/2	2,924.82	1/2	3,290.88
3/4	58.07	3/4	374.69	3/4	735.71	3/4	1,101.42	3/4	1,467.63	3/4	1,833.83	3/4	2,200.04	3/4	2,566.25	3/4	2,932.45	3/4	3,298.50
2	63.61	2	381.82	2	743.34	2	1,109.05	2	1,475.26	2	1,841.46	2	2,207.67	2	2,573.87	2	2,940.08	2	3,306.13
1/4	69.72	1/4	389.04	1/4	750.97	1/4	1,116.68	1/4	1,482.88	1/4	1,849.09	1/4	2,215.30	1/4	2,581.50	1/4	2,947.71	1/4	3,313.75
1/2	75.83	1/2	396.27	1/2	758.60	1/2	1,124.31	1/2	1,490.51	1/2	1,856.72	1/2	2,222.93	1/2	2,589.13	1/2	2,955.34	1/2	3,321.38
3/4	81.94	3/4	403.49	3/4	766.23	3/4	1,131.94	3/4	1,498.14	3/4	1,864.35	3/4	2,230.56	3/4	2,596.76	3/4	2,962.97	3/4	3,329.00
3	88.05	3	410.71	3	773.85	3	1,139.57	3	1,505.77	3	1,871.98	3	2,238.19	3	2,604.39	3	2,970.60	3	3,336.63
1/4	94.27	1/4	418.02	1/4	781.48	1/4	1,147.20	1/4	1,513.40	1/4	1,879.61	1/4	2,245.81	1/4	2,612.02	1/4	2,978.23	1/4	3,344.25
1/2	100.49	1/2	425.33	1/2	789.10	1/2	1,154.82	1/2	1,521.03	1/2	1,887.24	1/2	2,253.44	1/2	2,619.65	1/2	2,985.86	1/2	3,351.88
3/4	106.70	3/4	432.64	3/4	796.72	3/4	1,162.45	3/4	1,528.66	3/4	1,894.87	3/4	2,261.07	3/4	2,627.28	3/4	2,993.48	3/4	3,359.50
4	112.92	4	439.96	4	804.34	4	1,170.08	4	1,536.29	4	1,902.50	4	2,268.70	4	2,634.91	4	3,001.11	4	3,367.13
1/4	119.24	1/4	447.36	1/4	811.96	1/4	1,177.71	1/4	1,543.92	1/4	1,910.13	1/4	2,276.33	1/4	2,642.54	1/4	3,008.74	1/4	3,374.75
1/2	125.55	1/2	454.76	1/2	819.57	1/2	1,185.34	1/2	1,551.55	1/2	1,917.75	1/2	2,283.96	1/2	2,650.17	1/2	3,016.36	1/2	3,382.38
3/4	131.86	3/4	462.16	3/4	827.19	3/4	1,192.97	3/4	1,559.18	3/4	1,925.38	3/4	2,291.59	3/4	2,657.80	3/4	3,023.99	3/4	3,390.00
5	138.18	5	469.57	5	834.81	5	1,200.60	5	1,566.81	5	1,933.01	5	2,299.22	5	2,665.43	5	3,031.62	5	3,397.63
1/4	144.58	1/4	477.06	1/4	842.42	1/4	1,208.23	1/4	1,574.44	1/4	1,940.64	1/4	2,306.85	1/4	2,673.06	1/4	3,039.24	1/4	3,405.25
1/2	150.99	1/2	484.55	1/2	850.04	1/2	1,215.86	1/2	1,582.07	1/2	1,948.27	1/2	2,314.48	1/2	2,680.68	1/2	3,046.87	1/2	3,412.88
3/4	157.39	3/4	492.05	3/4	857.65	3/4	1,223.49	3/4	1,589.69	3/4	1,955.90	3/4	2,322.11	3/4	2,688.31	3/4	3,054.49	3/4	3,420.51
6	163.80	6	499.54	6	865.27	6	1,231.12	6	1,597.32	6	1,963.53	6	2,329.74	6	2,695.94	6	3,062.12	6	3,428.13
1/4	170.29	1/4	507.11	1/4	872.88	1/4	1,238.75	1/4	1,604.95	1/4	1,971.16	1/4	2,337.37	1/4	2,703.57	1/4	3,069.74	1/4	3,435.76
1/2	176.79	1/2	514.68	1/2	880.50	1/2	1,246.38	1/2	1,612.58	1/2	1,978.79	1/2	2,345.00	1/2	2,711.20	1/2	3,077.37	1/2	3,443.38
3/4	183.29	3/4	522.24	3/4	888.11	3/4	1,254.01	3/4	1,620.21	3/4	1,986.42	3/4	2,352.62	3/4	2,718.83	3/4	3,084.99	3/4	3,451.01
7	189.78	7	529.81	7	895.73	7	1,261.64	7	1,627.84	7	1,994.05	7	2,360.25	7	2,726.46	7	3,092.62	7	3,458.63
1/4	196.37	1/4	537.42	1/4	903.34	1/4	1,269.26	1/4	1,635.47	1/4	2,001.68	1/4	2,367.88	1/4	2,734.09	1/4	3,100.24	1/4	3,466.26
1/2	202.96	1/2	545.03	1/2	910.96	1/2	1,276.89	1/2	1,643.10	1/2	2,009.31	1/2	2,375.51	1/2	2,741.72	1/2	3,107.87	1/2	3,473.88
3/4	209.54	3/4	552.64	3/4	918.58	3/4	1,284.52	3/4	1,650.73	3/4	2,016.94	3/4	2,383.14	3/4	2,749.35	3/4	3,115.49	3/4	3,481.51
8	216.13	8	560.25	8	926.19	8	1,292.15	8	1,658.36	8	2,024.57	8	2,390.77	8	2,756.98	8	3,123.12	8	3,489.13
1/4	222.81	1/4	567.88	1/4	933.81	1/4	1,299.78	1/4	1,665.99	1/4	2,032.19	1/4	2,398.40	1/4	2,764.61	1/4	3,130.74	1/4	3,496.76
1/2	229.48	1/2	575.51	1/2	941.42	1/2	1,307.41	1/2	1,673.62	1/2	2,039.82	1/2	2,406.03	1/2	2,772.24	1/2	3,138.37	1/2	3,504.38
3/4	236.16	3/4	583.13	3/4	949.04	3/4	1,315.04	3/4	1,681.25	3/4	2,047.45	3/4	2,413.66	3/4	2,779.87	3/4	3,145.99	3/4	3,512.01
9	242.84	9	590.76	9	956.65	9	1,322.67	9	1,688.88	9	2,055.08	9	2,421.29	9	2,787.50	9	3,153.62	9	3,519.63
1/4	249.61	1/4	598.38	1/4	964.27	1/4	1,330.30	1/4	1,696.51	1/4	2,062.71	1/4	2,428.92	1/4	2,795.12	1/4	3,161.25	1/4	3,527.26
1/2	256.37	1/2	606.01	1/2	971.88	1/2	1,337.93	1/2	1,704.13	1/2	2,070.34	1/2	2,436.55	1/2	2,802.75	1/2	3,168.87	1/2	3,534.88
3/4	263.14	3/4	613.64	3/4	979.50	3/4	1,345.56	3/4	1,711.76	3/4	2,077.97	3/4	2,444.18	3/4	2,810.38	3/4	3,176.50	3/4	3,542.51
10	269.91	10	621.27	10	987.12	10	1,353.19	10	1,719.39	10	2,085.60	10	2,451.81	10	2,818.01	10	3,184.12	10	3,550.14
1/4	276.77	1/4	628.90	1/4	994.73	1/4	1,360.82	1/4	1,727.02	1/4	2,093.23	1/4	2,459.44	1/4	2,825.64	1/4	3,191.75	1/4	3,557.76
1/2	283.63	1/2	636.53	1/2	1,002.35	1/2	1,368.45	1/2	1,734.65	1/2	2,100.86	1/2	2,467.06	1/2	2,833.27	1/2	3,199.37	1/2	3,565.39
3/4	290.49	3/4	644.16	3/4	1,009.96	3/4	1,376.07	3/4	1,742.28	3/4	2,108.49	3/4	2,474.69	3/4	2,840.90	3/4	3,207.00	3/4	3,573.01
11	297.34	11	651.79	11	1,017.58	11	1,383.70	11	1,749.91	11	2,116.12	11	2,482.32	11	2,848.53	11	3,214.62	11	3,580.64
1/4	304.29	1/4	659.42	1/4	1,025.21	1/4	1,391.33	1/4	1,757.54	1/4	2,123.75	1/4	2,489.95	1/4	2,856.16	1/4	3,222.25	1/4	3,588.26
1/2	311.24	1/2	667.05	1/2	1,032.82	1/2	1,398.96	1/2	1,765.17	1/2	2,131.38	1/2	2,497.58	1/2	2,863.79	1/2	3,229.87	1/2	3,595.89
3/4	318.19	3/4	674.68	3/4	1,040.43	3/4	1,406.59	3/4	1,772.80	3/4	2,139.00	3/4	2,505.21	3/4	2,871.42	3/4	3,237.50	3/4	3,603.51

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 337"

1 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,611.14	0	3,977.15	0	4,340.34	0	4,684.85	0	5,017.63	0		0		0		0		0	
1/4	3,618.76	1/4	3,984.78	1/4	4,347.72	1/4	4,691.79	1/4	5,025.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.39	1/2	3,992.40	1/2	4,355.11	1/2	4,698.74	1/2	5,032.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.01	3/4	4,000.03	3/4	4,362.49	3/4	4,705.68	3/4	5,040.33	3/4		3/4		3/4		3/4		3/4	
1	3,641.64	1	4,007.65	1	4,369.88	1	4,712.62	1	5,047.90	1		1		1		1		1	
1/4	3,649.26	1/4	4,015.28	1/4	4,377.23	1/4	4,719.51	1/4	5,055.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.89	1/2	4,022.90	1/2	4,384.58	1/2	4,726.40	1/2	5,062.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,664.51	3/4	4,030.53	3/4	4,391.94	3/4	4,733.29	3/4	5,069.46	3/4		3/4		3/4		3/4		3/4	
2	3,672.14	2	4,038.15	2	4,399.29	2	4,740.18	2	5,076.64	2		2		2		2		2	
1/4	3,679.77	1/4	4,045.78	1/4	4,406.60	1/4	4,747.02	1/4	5,082.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,687.39	1/2	4,053.41	1/2	4,413.90	1/2	4,753.86	1/2	5,088.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,695.02	3/4	4,061.03	3/4	4,421.21	3/4	4,760.69	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,702.64	3	4,068.66	3	4,428.52	3	4,767.53	3		3		3		3		3		3	
1/4	3,710.27	1/4	4,076.28	1/4	4,435.78	1/4	4,774.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.89	1/2	4,083.91	1/2	4,443.04	1/2	4,781.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,725.52	3/4	4,091.53	3/4	4,450.30	3/4	4,787.94	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,733.14	4	4,099.16	4	4,457.56	4	4,794.74	4		4		4		4		4		4	
1/4	3,740.77	1/4	4,106.78	1/4	4,464.78	1/4	4,801.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.39	1/2	4,114.41	1/2	4,472.00	1/2	4,808.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.02	3/4	4,122.03	3/4	4,479.22	3/4	4,815.05	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,763.64	5	4,129.66	5	4,486.44	5	4,821.82	5		5		5		5		5		5	
1/4	3,771.27	1/4	4,137.28	1/4	4,493.63	1/4	4,828.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,778.89	1/2	4,144.90	1/2	4,500.82	1/2	4,835.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.52	3/4	4,152.52	3/4	4,508.00	3/4	4,842.03	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,794.15	6	4,160.14	6	4,515.19	6	4,848.76	6		6		6		6		6		6	
1/4	3,801.77	1/4	4,167.73	1/4	4,522.35	1/4	4,855.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,809.40	1/2	4,175.33	1/2	4,529.50	1/2	4,862.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,817.02	3/4	4,182.92	3/4	4,536.65	3/4	4,868.86	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,824.65	7	4,190.52	7	4,543.81	7	4,875.55	7		7		7		7		7		7	
1/4	3,832.27	1/4	4,198.08	1/4	4,550.93	1/4	4,882.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,839.90	1/2	4,205.64	1/2	4,558.05	1/2	4,888.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,847.52	3/4	4,213.21	3/4	4,565.17	3/4	4,895.54	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,855.15	8	4,220.77	8	4,572.29	8	4,902.20	8		8		8		8		8		8	
1/4	3,862.77	1/4	4,228.30	1/4	4,579.37	1/4	4,908.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,870.40	1/2	4,235.83	1/2	4,586.46	1/2	4,915.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,878.02	3/4	4,243.36	3/4	4,593.55	3/4	4,922.09	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,885.65	9	4,250.88	9	4,600.63	9	4,928.72	9		9		9		9		9		9	
1/4	3,893.27	1/4	4,258.38	1/4	4,607.69	1/4	4,935.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,900.90	1/2	4,265.87	1/2	4,614.74	1/2	4,942.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,908.52	3/4	4,273.36	3/4	4,621.79	3/4	4,949.99	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,916.15	10	4,280.85	10	4,628.85	10	4,957.09	10		10		10		10		10		10	
1/4	3,923.78	1/4	4,288.30	1/4	4,635.86	1/4	4,964.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,931.40	1/2	4,295.75	1/2	4,642.88	1/2	4,972.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,939.03	3/4	4,303.21	3/4	4,649.90	3/4	4,979.79	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,946.65	11	4,310.66	11	4,656.92	11	4,987.36	11		11		11		11		11		11	
1/4	3,954.28	1/4	4,318.08	1/4	4,663.90	1/4	4,994.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,961.90	1/2	4,325.50	1/2	4,670.89	1/2	5,002.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,969.53	3/4	4,332.92	3/4	4,677.87	3/4	5,010.06	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

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



BARGE "CTCo 337"

2 PORT 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	23.69	0	359.08	0	703.63	0	1,037.85	0	1,378.37	0	1,722.93	0	2,067.50	0	2,412.06	0	2,756.62	0	3,101.03
1/4	29.08	1/4	366.26	1/4	710.81	1/4	1,044.74	1/4	1,385.55	1/4	1,730.11	1/4	2,074.68	1/4	2,419.24	1/4	2,763.80	1/4	3,108.20
1/2	34.46	1/2	373.44	1/2	717.99	1/2	1,051.62	1/2	1,392.73	1/2	1,737.29	1/2	2,081.85	1/2	2,426.42	1/2	2,770.98	1/2	3,115.38
3/4	39.84	3/4	380.61	3/4	725.16	3/4	1,058.50	3/4	1,399.91	3/4	1,744.47	3/4	2,089.03	3/4	2,433.60	3/4	2,778.16	3/4	3,122.55
1	45.23	1	387.79	1	732.34	1	1,065.38	1	1,407.09	1	1,751.65	1	2,096.21	1	2,440.77	1	2,785.34	1	3,129.73
1/4	51.94	1/4	394.97	1/4	739.52	1/4	1,072.27	1/4	1,414.26	1/4	1,758.83	1/4	2,103.39	1/4	2,447.95	1/4	2,792.52	1/4	3,136.90
1/2	58.65	1/2	402.15	1/2	746.70	1/2	1,079.16	1/2	1,421.44	1/2	1,766.01	1/2	2,110.57	1/2	2,455.13	1/2	2,799.69	1/2	3,144.08
3/4	65.36	3/4	409.33	3/4	753.88	3/4	1,086.05	3/4	1,428.62	3/4	1,773.18	3/4	2,117.75	3/4	2,462.31	3/4	2,806.87	3/4	3,151.25
2	72.07	2	416.50	2	761.05	2	1,092.93	2	1,435.80	2	1,780.36	2	2,124.93	2	2,469.49	2	2,814.05	2	3,158.42
1/4	79.23	1/4	423.68	1/4	768.23	1/4	1,099.83	1/4	1,442.98	1/4	1,787.54	1/4	2,132.10	1/4	2,476.67	1/4	2,821.23	1/4	3,165.60
1/2	86.38	1/2	430.86	1/2	775.41	1/2	1,106.72	1/2	1,450.16	1/2	1,794.72	1/2	2,139.28	1/2	2,483.85	1/2	2,828.41	1/2	3,172.77
3/4	93.54	3/4	438.04	3/4	782.59	3/4	1,113.62	3/4	1,457.33	3/4	1,801.90	3/4	2,146.46	3/4	2,491.02	3/4	2,835.59	3/4	3,179.95
3	100.69	3	445.22	3	789.77	3	1,120.52	3	1,464.51	3	1,809.08	3	2,153.64	3	2,498.20	3	2,842.77	3	3,187.12
1/4	107.87	1/4	452.40	1/4	796.79	1/4	1,127.55	1/4	1,471.69	1/4	1,816.25	1/4	2,160.82	1/4	2,505.38	1/4	2,849.94	1/4	3,194.30
1/2	115.04	1/2	459.57	1/2	803.82	1/2	1,134.59	1/2	1,478.87	1/2	1,823.43	1/2	2,168.00	1/2	2,512.56	1/2	2,857.11	1/2	3,201.47
3/4	122.21	3/4	466.75	3/4	810.84	3/4	1,141.63	3/4	1,486.05	3/4	1,830.61	3/4	2,175.17	3/4	2,519.74	3/4	2,864.28	3/4	3,208.64
4	129.38	4	473.93	4	817.87	4	1,148.66	4	1,493.23	4	1,837.79	4	2,182.35	4	2,526.92	4	2,871.45	4	3,215.82
1/4	136.56	1/4	481.11	1/4	824.74	1/4	1,155.84	1/4	1,500.40	1/4	1,844.97	1/4	2,189.53	1/4	2,534.09	1/4	2,878.63	1/4	3,222.99
1/2	143.74	1/2	488.29	1/2	831.62	1/2	1,163.02	1/2	1,507.58	1/2	1,852.15	1/2	2,196.71	1/2	2,541.27	1/2	2,885.80	1/2	3,230.17
3/4	150.92	3/4	495.46	3/4	838.49	3/4	1,170.20	3/4	1,514.76	3/4	1,859.32	3/4	2,203.89	3/4	2,548.45	3/4	2,892.98	3/4	3,237.34
5	158.09	5	502.64	5	845.37	5	1,177.38	5	1,521.94	5	1,866.50	5	2,211.07	5	2,555.63	5	2,900.15	5	3,244.52
1/4	165.27	1/4	509.82	1/4	852.24	1/4	1,184.55	1/4	1,529.12	1/4	1,873.68	1/4	2,218.24	1/4	2,562.81	1/4	2,907.32	1/4	3,251.69
1/2	172.45	1/2	517.00	1/2	859.11	1/2	1,191.73	1/2	1,536.30	1/2	1,880.86	1/2	2,225.42	1/2	2,569.99	1/2	2,914.50	1/2	3,258.87
3/4	179.63	3/4	524.18	3/4	865.99	3/4	1,198.91	3/4	1,543.47	3/4	1,888.04	3/4	2,232.60	3/4	2,577.16	3/4	2,921.67	3/4	3,266.04
6	186.81	6	531.35	6	872.86	6	1,206.09	6	1,550.65	6	1,895.22	6	2,239.78	6	2,584.34	6	2,928.85	6	3,273.21
1/4	193.98	1/4	538.53	1/4	879.74	1/4	1,213.27	1/4	1,557.83	1/4	1,902.39	1/4	2,246.96	1/4	2,591.52	1/4	2,936.02	1/4	3,280.39
1/2	201.16	1/2	545.71	1/2	886.61	1/2	1,220.45	1/2	1,565.01	1/2	1,909.57	1/2	2,254.14	1/2	2,598.70	1/2	2,943.20	1/2	3,287.56
3/4	208.34	3/4	552.89	3/4	893.49	3/4	1,227.63	3/4	1,572.19	3/4	1,916.75	3/4	2,261.31	3/4	2,605.88	3/4	2,950.37	3/4	3,294.74
7	215.52	7	560.07	7	900.36	7	1,234.80	7	1,579.37	7	1,923.93	7	2,268.49	7	2,613.06	7	2,957.54	7	3,301.91
1/4	222.70	1/4	567.24	1/4	907.23	1/4	1,241.98	1/4	1,586.55	1/4	1,931.11	1/4	2,275.67	1/4	2,620.23	1/4	2,964.72	1/4	3,309.09
1/2	229.87	1/2	574.42	1/2	914.11	1/2	1,249.16	1/2	1,593.72	1/2	1,938.29	1/2	2,282.85	1/2	2,627.41	1/2	2,971.89	1/2	3,316.26
3/4	237.05	3/4	581.60	3/4	920.98	3/4	1,256.34	3/4	1,600.90	3/4	1,945.47	3/4	2,290.03	3/4	2,634.59	3/4	2,979.07	3/4	3,323.43
8	244.23	8	588.78	8	927.86	8	1,263.52	8	1,608.08	8	1,952.64	8	2,297.21	8	2,641.77	8	2,986.24	8	3,330.61
1/4	251.41	1/4	595.96	1/4	934.73	1/4	1,270.70	1/4	1,615.26	1/4	1,959.82	1/4	2,304.39	1/4	2,648.95	1/4	2,993.42	1/4	3,337.78
1/2	258.59	1/2	603.14	1/2	941.60	1/2	1,277.87	1/2	1,622.44	1/2	1,967.00	1/2	2,311.56	1/2	2,656.13	1/2	3,000.59	1/2	3,344.96
3/4	265.76	3/4	610.31	3/4	948.48	3/4	1,285.05	3/4	1,629.62	3/4	1,974.18	3/4	2,318.74	3/4	2,663.31	3/4	3,007.76	3/4	3,352.13
9	272.94	9	617.49	9	955.35	9	1,292.23	9	1,636.79	9	1,981.36	9	2,325.92	9	2,670.48	9	3,014.94	9	3,359.31
1/4	280.12	1/4	624.67	1/4	962.23	1/4	1,299.41	1/4	1,643.97	1/4	1,988.54	1/4	2,333.10	1/4	2,677.66	1/4	3,022.11	1/4	3,366.48
1/2	287.30	1/2	631.85	1/2	969.10	1/2	1,306.59	1/2	1,651.15	1/2	1,995.71	1/2	2,340.28	1/2	2,684.84	1/2	3,029.29	1/2	3,373.65
3/4	294.48	3/4	639.03	3/4	975.97	3/4	1,313.77	3/4	1,658.33	3/4	2,002.89	3/4	2,347.46	3/4	2,692.02	3/4	3,036.46	3/4	3,380.83
10	301.66	10	646.20	10	982.85	10	1,320.94	10	1,665.51	10	2,010.07	10	2,354.63	10	2,699.20	10	3,043.64	10	3,388.00
1/4	308.83	1/4	653.38	1/4	989.72	1/4	1,328.12	1/4	1,672.69	1/4	2,017.25	1/4	2,361.81	1/4	2,706.38	1/4	3,050.81	1/4	3,395.18
1/2	316.01	1/2	660.56	1/2	996.60	1/2	1,335.30	1/2	1,679.86	1/2	2,024.43	1/2	2,368.99	1/2	2,713.55	1/2	3,057.98	1/2	3,402.35
3/4	323.19	3/4	667.74	3/4	1,003.47	3/4	1,342.48	3/4	1,687.04	3/4	2,031.61	3/4	2,376.17	3/4	2,720.73	3/4	3,065.16	3/4	3,409.53
11	330.37	11	674.92	11	1,010.34	11	1,349.66	11	1,694.22	11	2,038.78	11	2,383.35	11	2,727.91	11	3,072.33	11	3,416.70
1/4	337.55	1/4	682.09	1/4	1,017.22	1/4	1,356.84	1/4	1,701.40	1/4	2,045.96	1/4	2,390.53	1/4	2,735.09	1/4	3,079.51	1/4	3,423.87
1/2	344.72	1/2	689.27	1/2	1,024.10	1/2	1,364.01	1/2	1,708.58	1/2	2,053.14	1/2	2,397.70	1/2	2,742.27	1/2	3,086.68	1/2	3,431.05
3/4	351.90	3/4	696.45	3/4	1,030.98	3/4	1,371.19	3/4	1,715.76	3/4	2,060.32	3/4	2,404.88	3/4	2,749.45	3/4	3,093.86	3/4	3,438.22

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 41'-09" FORWARD OF AFT BULKHEAD.

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

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



BARGE "CTCo 337"

2 PORT 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	3,445.40	0	3,789.76	0	4,131.47	0	4,455.55	0	4,768.48	0		0		0		0		0	
1/4	3,452.57	1/4	3,796.94	1/4	4,138.42	1/4	4,462.08	1/4	4,775.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,459.75	1/2	3,804.11	1/2	4,145.36	1/2	4,468.61	1/2	4,782.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,466.92	3/4	3,811.29	3/4	4,152.31	3/4	4,475.14	3/4	4,789.83	3/4		3/4		3/4		3/4		3/4	
1	3,474.09	1	3,818.46	1	4,159.26	1	4,481.67	1	4,796.95	1		1		1		1		1	
1/4	3,481.27	1/4	3,825.63	1/4	4,166.18	1/4	4,488.15	1/4	4,803.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,488.44	1/2	3,832.81	1/2	4,173.10	1/2	4,494.63	1/2	4,810.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,495.62	3/4	3,839.98	3/4	4,180.01	3/4	4,501.11	3/4	4,817.22	3/4		3/4		3/4		3/4		3/4	
2	3,502.79	2	3,847.16	2	4,186.93	2	4,507.59	2	4,823.98	2		2		2		2		2	
1/4	3,509.97	1/4	3,854.33	1/4	4,193.81	1/4	4,514.02	1/4	4,829.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,517.14	1/2	3,861.51	1/2	4,200.68	1/2	4,520.45	1/2	4,835.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,524.31	3/4	3,868.68	3/4	4,207.56	3/4	4,526.88	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,531.49	3	3,875.85	3	4,214.43	3	4,533.31	3		3		3		3		3		3	
1/4	3,538.66	1/4	3,883.03	1/4	4,221.26	1/4	4,539.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,545.84	1/2	3,890.20	1/2	4,228.09	1/2	4,546.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,553.01	3/4	3,897.38	3/4	4,234.92	3/4	4,552.50	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,560.19	4	3,904.55	4	4,241.74	4	4,558.89	4		4		4		4		4		4	
1/4	3,567.36	1/4	3,911.73	1/4	4,248.54	1/4	4,565.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,574.53	1/2	3,918.90	1/2	4,255.33	1/2	4,571.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,581.71	3/4	3,926.07	3/4	4,262.12	3/4	4,577.99	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,588.88	5	3,933.25	5	4,268.91	5	4,584.35	5		5		5		5		5		5	
1/4	3,596.06	1/4	3,940.42	1/4	4,275.68	1/4	4,590.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,603.23	1/2	3,947.59	1/2	4,282.44	1/2	4,597.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,610.41	3/4	3,954.75	3/4	4,289.20	3/4	4,603.35	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,617.58	6	3,961.92	6	4,295.96	6	4,609.69	6		6		6		6		6		6	
1/4	3,624.75	1/4	3,969.07	1/4	4,302.69	1/4	4,615.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,631.93	1/2	3,976.22	1/2	4,309.42	1/2	4,622.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,639.10	3/4	3,983.36	3/4	4,316.15	3/4	4,628.58	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,646.28	7	3,990.51	7	4,322.88	7	4,634.88	7		7		7		7		7		7	
1/4	3,653.45	1/4	3,997.63	1/4	4,329.57	1/4	4,641.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,660.63	1/2	4,004.74	1/2	4,336.27	1/2	4,647.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,667.80	3/4	4,011.86	3/4	4,342.97	3/4	4,653.67	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,674.97	8	4,018.97	8	4,349.67	8	4,659.94	8		8		8		8		8		8	
1/4	3,682.15	1/4	4,026.05	1/4	4,356.33	1/4	4,666.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.32	1/2	4,033.14	1/2	4,363.00	1/2	4,672.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.50	3/4	4,040.22	3/4	4,369.66	3/4	4,678.64	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,703.67	9	4,047.30	9	4,376.33	9	4,684.87	9		9		9		9		9		9	
1/4	3,710.85	1/4	4,054.35	1/4	4,382.96	1/4	4,691.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.02	1/2	4,061.40	1/2	4,389.60	1/2	4,698.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,725.19	3/4	4,068.45	3/4	4,396.23	3/4	4,704.88	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,732.37	10	4,075.50	10	4,402.87	10	4,711.55	10		10		10		10		10		10	
1/4	3,739.54	1/4	4,082.51	1/4	4,409.47	1/4	4,718.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.72	1/2	4,089.52	1/2	4,416.07	1/2	4,725.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.89	3/4	4,096.53	3/4	4,422.68	3/4	4,732.90	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,761.07	11	4,103.54	11	4,429.28	11	4,740.01	11		11		11		11		11		11	
1/4	3,768.24	1/4	4,110.52	1/4	4,435.85	1/4	4,747.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.41	1/2	4,117.51	1/2	4,442.41	1/2	4,754.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.59	3/4	4,124.49	3/4	4,448.98	3/4	4,761.36	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

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



BARGE "CTCo 337"

2 STBD

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	23.69	0	359.08	0	703.63	0	1,047.76	0	1,392.29	0	1,736.85	0	2,081.41	0	2,425.98	0	2,770.54	0	3,114.95
1/4	29.08	1/4	366.26	1/4	710.81	1/4	1,054.93	1/4	1,399.47	1/4	1,744.03	1/4	2,088.59	1/4	2,433.16	1/4	2,777.72	1/4	3,122.12
1/2	34.46	1/2	373.44	1/2	717.99	1/2	1,062.11	1/2	1,406.64	1/2	1,751.21	1/2	2,095.77	1/2	2,440.33	1/2	2,784.90	1/2	3,129.29
3/4	39.84	3/4	380.61	3/4	725.16	3/4	1,069.28	3/4	1,413.82	3/4	1,758.39	3/4	2,102.95	3/4	2,447.51	3/4	2,792.08	3/4	3,136.47
1	45.23	1	387.79	1	732.34	1	1,076.45	1	1,421.00	1	1,765.56	1	2,110.13	1	2,454.69	1	2,799.25	1	3,143.64
1/4	51.94	1/4	394.97	1/4	739.52	1/4	1,083.63	1/4	1,428.18	1/4	1,772.74	1/4	2,117.31	1/4	2,461.87	1/4	2,806.43	1/4	3,150.82
1/2	58.65	1/2	402.15	1/2	746.70	1/2	1,090.80	1/2	1,435.36	1/2	1,779.92	1/2	2,124.48	1/2	2,469.05	1/2	2,813.61	1/2	3,157.99
3/4	65.36	3/4	409.33	3/4	753.88	3/4	1,097.98	3/4	1,442.54	3/4	1,787.10	3/4	2,131.66	3/4	2,476.23	3/4	2,820.79	3/4	3,165.17
2	72.07	2	416.50	2	761.05	2	1,105.15	2	1,449.72	2	1,794.28	2	2,138.84	2	2,483.40	2	2,827.97	2	3,172.34
1/4	79.23	1/4	423.68	1/4	768.23	1/4	1,112.33	1/4	1,456.89	1/4	1,801.46	1/4	2,146.02	1/4	2,490.58	1/4	2,835.15	1/4	3,179.51
1/2	86.38	1/2	430.86	1/2	775.41	1/2	1,119.51	1/2	1,464.07	1/2	1,808.64	1/2	2,153.20	1/2	2,497.76	1/2	2,842.32	1/2	3,186.69
3/4	93.54	3/4	438.04	3/4	782.59	3/4	1,126.69	3/4	1,471.25	3/4	1,815.81	3/4	2,160.38	3/4	2,504.94	3/4	2,849.50	3/4	3,193.86
3	100.69	3	445.22	3	789.77	3	1,133.87	3	1,478.43	3	1,822.99	3	2,167.56	3	2,512.12	3	2,856.68	3	3,201.04
1/4	107.87	1/4	452.40	1/4	796.94	1/4	1,141.04	1/4	1,485.61	1/4	1,830.17	1/4	2,174.73	1/4	2,519.30	1/4	2,863.85	1/4	3,208.21
1/2	115.04	1/2	459.57	1/2	804.11	1/2	1,148.22	1/2	1,492.79	1/2	1,837.35	1/2	2,181.91	1/2	2,526.48	1/2	2,871.03	1/2	3,215.39
3/4	122.21	3/4	466.75	3/4	811.28	3/4	1,155.40	3/4	1,499.96	3/4	1,844.53	3/4	2,189.09	3/4	2,533.65	3/4	2,878.20	3/4	3,222.56
4	129.38	4	473.93	4	818.45	4	1,162.58	4	1,507.14	4	1,851.71	4	2,196.27	4	2,540.83	4	2,885.37	4	3,229.73
1/4	136.56	1/4	481.11	1/4	825.62	1/4	1,169.76	1/4	1,514.32	1/4	1,858.88	1/4	2,203.45	1/4	2,548.01	1/4	2,892.54	1/4	3,236.91
1/2	143.74	1/2	488.29	1/2	832.78	1/2	1,176.94	1/2	1,521.50	1/2	1,866.06	1/2	2,210.63	1/2	2,555.19	1/2	2,899.72	1/2	3,244.08
3/4	150.92	3/4	495.46	3/4	839.95	3/4	1,184.11	3/4	1,528.68	3/4	1,873.24	3/4	2,217.80	3/4	2,562.37	3/4	2,906.89	3/4	3,251.26
5	158.09	5	502.64	5	847.11	5	1,191.29	5	1,535.86	5	1,880.42	5	2,224.98	5	2,569.55	5	2,914.07	5	3,258.43
1/4	165.27	1/4	509.82	1/4	854.28	1/4	1,198.47	1/4	1,543.03	1/4	1,887.60	1/4	2,232.16	1/4	2,576.72	1/4	2,921.24	1/4	3,265.61
1/2	172.45	1/2	517.00	1/2	861.45	1/2	1,205.65	1/2	1,550.21	1/2	1,894.78	1/2	2,239.34	1/2	2,583.90	1/2	2,928.41	1/2	3,272.78
3/4	179.63	3/4	524.18	3/4	868.61	3/4	1,212.83	3/4	1,557.39	3/4	1,901.95	3/4	2,246.52	3/4	2,591.08	3/4	2,935.59	3/4	3,279.95
6	186.81	6	531.35	6	875.78	6	1,220.01	6	1,564.57	6	1,909.13	6	2,253.70	6	2,598.26	6	2,942.76	6	3,287.13
1/4	193.98	1/4	538.53	1/4	882.94	1/4	1,227.18	1/4	1,571.75	1/4	1,916.31	1/4	2,260.87	1/4	2,605.44	1/4	2,949.94	1/4	3,294.30
1/2	201.16	1/2	545.71	1/2	890.11	1/2	1,234.36	1/2	1,578.93	1/2	1,923.49	1/2	2,268.05	1/2	2,612.62	1/2	2,957.11	1/2	3,301.48
3/4	208.34	3/4	552.89	3/4	897.27	3/4	1,241.54	3/4	1,586.10	3/4	1,930.67	3/4	2,275.23	3/4	2,619.79	3/4	2,964.29	3/4	3,308.65
7	215.52	7	560.07	7	904.44	7	1,248.72	7	1,593.28	7	1,937.85	7	2,282.41	7	2,626.97	7	2,971.46	7	3,315.83
1/4	222.70	1/4	567.24	1/4	911.60	1/4	1,255.90	1/4	1,600.46	1/4	1,945.02	1/4	2,289.59	1/4	2,634.15	1/4	2,978.63	1/4	3,323.00
1/2	229.87	1/2	574.42	1/2	918.77	1/2	1,263.08	1/2	1,607.64	1/2	1,952.20	1/2	2,296.77	1/2	2,641.33	1/2	2,985.81	1/2	3,330.18
3/4	237.05	3/4	581.60	3/4	925.93	3/4	1,270.26	3/4	1,614.82	3/4	1,959.38	3/4	2,303.94	3/4	2,648.51	3/4	2,992.98	3/4	3,337.35
8	244.23	8	588.78	8	933.10	8	1,277.43	8	1,622.00	8	1,966.56	8	2,311.12	8	2,655.69	8	3,000.16	8	3,344.52
1/4	251.41	1/4	595.96	1/4	940.26	1/4	1,284.61	1/4	1,629.18	1/4	1,973.74	1/4	2,318.30	1/4	2,662.86	1/4	3,007.33	1/4	3,351.70
1/2	258.59	1/2	603.14	1/2	947.43	1/2	1,291.79	1/2	1,636.35	1/2	1,980.92	1/2	2,325.48	1/2	2,670.04	1/2	3,014.51	1/2	3,358.87
3/4	265.76	3/4	610.31	3/4	954.60	3/4	1,298.97	3/4	1,643.53	3/4	1,988.10	3/4	2,332.66	3/4	2,677.22	3/4	3,021.68	3/4	3,366.05
9	272.94	9	617.49	9	961.76	9	1,306.15	9	1,650.71	9	1,995.27	9	2,339.84	9	2,684.40	9	3,028.85	9	3,373.22
1/4	280.12	1/4	624.67	1/4	968.93	1/4	1,313.33	1/4	1,657.89	1/4	2,002.45	1/4	2,347.02	1/4	2,691.58	1/4	3,036.03	1/4	3,380.40
1/2	287.30	1/2	631.85	1/2	976.09	1/2	1,320.50	1/2	1,665.07	1/2	2,009.63	1/2	2,354.19	1/2	2,698.76	1/2	3,043.20	1/2	3,387.57
3/4	294.48	3/4	639.03	3/4	983.26	3/4	1,327.68	3/4	1,672.25	3/4	2,016.81	3/4	2,361.37	3/4	2,705.94	3/4	3,050.38	3/4	3,394.74
10	301.66	10	646.20	10	990.42	10	1,334.86	10	1,679.42	10	2,023.99	10	2,368.55	10	2,713.11	10	3,057.55	10	3,401.92
1/4	308.83	1/4	653.38	1/4	997.59	1/4	1,342.04	1/4	1,686.60	1/4	2,031.17	1/4	2,375.73	1/4	2,720.29	1/4	3,064.73	1/4	3,409.09
1/2	316.01	1/2	660.56	1/2	1,004.75	1/2	1,349.22	1/2	1,693.78	1/2	2,038.34	1/2	2,382.91	1/2	2,727.47	1/2	3,071.90	1/2	3,416.27
3/4	323.19	3/4	667.74	3/4	1,011.92	3/4	1,356.40	3/4	1,700.96	3/4	2,045.52	3/4	2,390.09	3/4	2,734.65	3/4	3,079.07	3/4	3,423.44
11	330.37	11	674.92	11	1,019.08	11	1,363.57	11	1,708.14	11	2,052.70	11	2,397.26	11	2,741.83	11	3,086.25	11	3,430.62
1/4	337.55	1/4	682.09	1/4	1,026.25	1/4	1,370.75	1/4	1,715.32	1/4	2,059.88	1/4	2,404.44	1/4	2,749.01	1/4	3,093.42	1/4	3,437.79
1/2	344.72	1/2	689.27	1/2	1,033.42	1/2	1,377.93	1/2	1,722.49	1/2	2,067.06	1/2	2,411.62	1/2	2,756.18	1/2	3,100.60	1/2	3,444.96
3/4	351.90	3/4	696.45	3/4	1,040.59	3/4	1,385.11	3/4	1,729.67	3/4	2,074.24	3/4	2,418.80	3/4	2,763.36	3/4	3,107.77	3/4	3,452.14

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 41'-09" FORWARD OF AFT BULKHEAD.

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

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



BARGE "CTCo 337"

2 STBD 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	3,459.31	0	3,803.68	0	4,145.38	0	4,469.46	0	4,782.40	0		0		0		0		0	
1/4	3,466.49	1/4	3,810.85	1/4	4,152.33	1/4	4,475.99	1/4	4,789.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,473.66	1/2	3,818.03	1/2	4,159.28	1/2	4,482.53	1/2	4,796.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,480.84	3/4	3,825.20	3/4	4,166.23	3/4	4,489.06	3/4	4,803.75	3/4		3/4		3/4		3/4		3/4	
1	3,488.01	1	3,832.38	1	4,173.18	1	4,495.59	1	4,810.86	1		1		1		1		1	
1/4	3,495.18	1/4	3,839.55	1/4	4,180.09	1/4	4,502.07	1/4	4,817.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,502.36	1/2	3,846.72	1/2	4,187.01	1/2	4,508.55	1/2	4,824.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,509.53	3/4	3,853.90	3/4	4,193.93	3/4	4,515.03	3/4	4,831.14	3/4		3/4		3/4		3/4		3/4	
2	3,516.71	2	3,861.07	2	4,200.85	2	4,521.51	2	4,837.90	2		2		2		2		2	
1/4	3,523.88	1/4	3,868.25	1/4	4,207.72	1/4	4,527.94	1/4	4,843.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,531.06	1/2	3,875.42	1/2	4,214.60	1/2	4,534.37	1/2	4,849.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,538.23	3/4	3,882.60	3/4	4,221.47	3/4	4,540.79	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,545.40	3	3,889.77	3	4,228.35	3	4,547.22	3		3		3		3		3		3	
1/4	3,552.58	1/4	3,896.94	1/4	4,235.17	1/4	4,553.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,559.75	1/2	3,904.12	1/2	4,242.00	1/2	4,560.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,566.93	3/4	3,911.29	3/4	4,248.83	3/4	4,566.41	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,574.10	4	3,918.47	4	4,255.66	4	4,572.81	4		4		4		4		4		4	
1/4	3,581.28	1/4	3,925.64	1/4	4,262.45	1/4	4,579.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,588.45	1/2	3,932.82	1/2	4,269.25	1/2	4,585.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,595.62	3/4	3,939.99	3/4	4,276.04	3/4	4,591.90	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,602.80	5	3,947.16	5	4,282.83	5	4,598.27	5		5		5		5		5		5	
1/4	3,609.97	1/4	3,954.33	1/4	4,289.59	1/4	4,604.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,617.15	1/2	3,961.50	1/2	4,296.35	1/2	4,610.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,624.32	3/4	3,968.67	3/4	4,303.11	3/4	4,617.27	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,631.50	6	3,975.84	6	4,309.87	6	4,623.60	6		6		6		6		6		6	
1/4	3,638.67	1/4	3,982.99	1/4	4,316.60	1/4	4,629.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,645.84	1/2	3,990.13	1/2	4,323.33	1/2	4,636.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.02	3/4	3,997.28	3/4	4,330.06	3/4	4,642.50	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,660.19	7	4,004.43	7	4,336.79	7	4,648.80	7		7		7		7		7		7	
1/4	3,667.37	1/4	4,011.54	1/4	4,343.49	1/4	4,655.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.54	1/2	4,018.66	1/2	4,350.19	1/2	4,661.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,681.72	3/4	4,025.77	3/4	4,356.88	3/4	4,667.59	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,688.89	8	4,032.89	8	4,363.58	8	4,673.85	8		8		8		8		8		8	
1/4	3,696.06	1/4	4,039.97	1/4	4,370.25	1/4	4,680.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,703.24	1/2	4,047.05	1/2	4,376.91	1/2	4,686.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,710.41	3/4	4,054.14	3/4	4,383.58	3/4	4,692.56	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,717.59	9	4,061.22	9	4,390.25	9	4,698.79	9		9		9		9		9		9	
1/4	3,724.76	1/4	4,068.27	1/4	4,396.88	1/4	4,705.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,731.94	1/2	4,075.32	1/2	4,403.52	1/2	4,712.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,739.11	3/4	4,082.36	3/4	4,410.15	3/4	4,718.79	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,746.28	10	4,089.41	10	4,416.78	10	4,725.46	10		10		10		10		10		10	
1/4	3,753.46	1/4	4,096.42	1/4	4,423.39	1/4	4,732.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.63	1/2	4,103.44	1/2	4,429.99	1/2	4,739.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,767.81	3/4	4,110.45	3/4	4,436.59	3/4	4,746.81	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,774.98	11	4,117.46	11	4,443.19	11	4,753.93	11		11		11		11		11		11	
1/4	3,782.16	1/4	4,124.44	1/4	4,449.76	1/4	4,761.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,789.33	1/2	4,131.42	1/2	4,456.33	1/2	4,768.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,796.50	3/4	4,138.40	3/4	4,462.90	3/4	4,775.28	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

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



BARGE "CTCo 337"

3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	25.06	0	379.65	0	743.79	0	1,100.02	0	1,460.96	0	1,824.92	0	2,186.74	0	2,548.59	0	2,912.30	0	3,275.81
1/4	30.76	1/4	387.24	1/4	751.38	1/4	1,107.38	1/4	1,468.54	1/4	1,832.50	1/4	2,194.26	1/4	2,556.17	1/4	2,919.87	1/4	3,283.39
1/2	36.46	1/2	394.82	1/2	758.97	1/2	1,114.74	1/2	1,476.13	1/2	1,840.09	1/2	2,201.78	1/2	2,563.75	1/2	2,927.45	1/2	3,290.96
3/4	42.15	3/4	402.41	3/4	766.55	3/4	1,122.10	3/4	1,483.71	3/4	1,847.67	3/4	2,209.30	3/4	2,571.34	3/4	2,935.02	3/4	3,298.53
1	47.85	1	409.99	1	774.14	1	1,129.46	1	1,491.29	1	1,855.25	1	2,216.82	1	2,578.92	1	2,942.60	1	3,306.10
1/4	54.96	1/4	417.58	1/4	781.73	1/4	1,136.82	1/4	1,498.87	1/4	1,862.83	1/4	2,224.34	1/4	2,586.50	1/4	2,950.17	1/4	3,313.67
1/2	62.06	1/2	425.16	1/2	789.31	1/2	1,144.19	1/2	1,506.46	1/2	1,870.42	1/2	2,231.86	1/2	2,594.08	1/2	2,957.75	1/2	3,321.23
3/4	69.17	3/4	432.75	3/4	796.90	3/4	1,151.56	3/4	1,514.04	3/4	1,878.00	3/4	2,239.38	3/4	2,601.66	3/4	2,965.33	3/4	3,328.79
2	76.27	2	440.34	2	804.49	2	1,158.92	2	1,521.62	2	1,885.58	2	2,246.90	2	2,609.25	2	2,972.90	2	3,336.35
1/4	83.84	1/4	447.92	1/4	812.07	1/4	1,166.29	1/4	1,529.20	1/4	1,893.16	1/4	2,254.42	1/4	2,616.83	1/4	2,980.48	1/4	3,343.90
1/2	91.41	1/2	455.51	1/2	819.66	1/2	1,173.67	1/2	1,536.79	1/2	1,900.75	1/2	2,261.94	1/2	2,624.41	1/2	2,988.05	1/2	3,351.45
3/4	98.99	3/4	463.09	3/4	827.25	3/4	1,181.04	3/4	1,544.37	3/4	1,908.33	3/4	2,269.46	3/4	2,631.99	3/4	2,995.63	3/4	3,359.01
3	106.56	3	470.68	3	834.83	3	1,188.41	3	1,551.95	3	1,915.91	3	2,276.98	3	2,639.58	3	3,003.20	3	3,366.56
1/4	114.14	1/4	478.26	1/4	842.30	1/4	1,195.89	1/4	1,559.53	1/4	1,923.46	1/4	2,284.51	1/4	2,647.16	1/4	3,010.77	1/4	3,374.11
1/2	121.73	1/2	485.85	1/2	849.77	1/2	1,203.37	1/2	1,567.12	1/2	1,931.01	1/2	2,292.04	1/2	2,654.73	1/2	3,018.35	1/2	3,381.66
3/4	129.31	3/4	493.43	3/4	857.24	3/4	1,210.84	3/4	1,574.70	3/4	1,938.56	3/4	2,299.57	3/4	2,662.31	3/4	3,025.92	3/4	3,389.21
4	136.90	4	501.02	4	864.71	4	1,218.32	4	1,582.28	4	1,946.11	4	2,307.10	4	2,669.89	4	3,033.49	4	3,396.76
1/4	144.48	1/4	508.61	1/4	872.06	1/4	1,225.90	1/4	1,589.86	1/4	1,953.63	1/4	2,314.65	1/4	2,677.47	1/4	3,041.07	1/4	3,404.32
1/2	152.07	1/2	516.19	1/2	879.42	1/2	1,233.49	1/2	1,597.45	1/2	1,961.15	1/2	2,322.19	1/2	2,685.04	1/2	3,048.64	1/2	3,411.87
3/4	159.66	3/4	523.78	3/4	886.77	3/4	1,241.07	3/4	1,605.03	3/4	1,968.67	3/4	2,329.74	3/4	2,692.62	3/4	3,056.21	3/4	3,419.42
5	167.25	5	531.37	5	894.12	5	1,248.65	5	1,612.61	5	1,976.19	5	2,337.28	5	2,700.19	5	3,063.78	5	3,426.97
1/4	174.83	1/4	538.95	1/4	901.47	1/4	1,256.23	1/4	1,620.19	1/4	1,983.71	1/4	2,344.82	1/4	2,707.77	1/4	3,071.36	1/4	3,434.52
1/2	182.42	1/2	546.54	1/2	908.83	1/2	1,263.82	1/2	1,627.78	1/2	1,991.23	1/2	2,352.37	1/2	2,715.34	1/2	3,078.93	1/2	3,442.08
3/4	190.01	3/4	554.13	3/4	916.18	3/4	1,271.40	3/4	1,635.36	3/4	1,998.75	3/4	2,359.91	3/4	2,722.92	3/4	3,086.50	3/4	3,449.63
6	197.60	6	561.71	6	923.53	6	1,278.98	6	1,642.94	6	2,006.27	6	2,367.46	6	2,730.49	6	3,094.07	6	3,457.18
1/4	205.18	1/4	569.30	1/4	930.89	1/4	1,286.56	1/4	1,650.52	1/4	2,013.79	1/4	2,375.00	1/4	2,738.07	1/4	3,101.65	1/4	3,464.73
1/2	212.77	1/2	576.89	1/2	938.24	1/2	1,294.15	1/2	1,658.11	1/2	2,021.31	1/2	2,382.54	1/2	2,745.64	1/2	3,109.22	1/2	3,472.28
3/4	220.36	3/4	584.47	3/4	945.59	3/4	1,301.73	3/4	1,665.69	3/4	2,028.83	3/4	2,390.09	3/4	2,753.22	3/4	3,116.79	3/4	3,479.83
7	227.94	7	592.06	7	952.94	7	1,309.31	7	1,673.27	7	2,036.35	7	2,397.63	7	2,760.79	7	3,124.36	7	3,487.39
1/4	235.53	1/4	599.65	1/4	960.30	1/4	1,316.89	1/4	1,680.85	1/4	2,043.87	1/4	2,405.18	1/4	2,768.37	1/4	3,131.94	1/4	3,494.94
1/2	243.11	1/2	607.23	1/2	967.65	1/2	1,324.48	1/2	1,688.44	1/2	2,051.39	1/2	2,412.72	1/2	2,775.95	1/2	3,139.51	1/2	3,502.49
3/4	250.70	3/4	614.82	3/4	975.00	3/4	1,332.06	3/4	1,696.02	3/4	2,058.91	3/4	2,420.26	3/4	2,783.52	3/4	3,147.08	3/4	3,510.04
8	258.29	8	622.41	8	982.36	8	1,339.64	8	1,703.60	8	2,066.43	8	2,427.81	8	2,791.10	8	3,154.65	8	3,517.59
1/4	265.87	1/4	629.99	1/4	989.71	1/4	1,347.22	1/4	1,711.18	1/4	2,073.95	1/4	2,435.35	1/4	2,798.67	1/4	3,162.23	1/4	3,525.15
1/2	273.46	1/2	637.58	1/2	997.06	1/2	1,354.81	1/2	1,718.77	1/2	2,081.47	1/2	2,442.90	1/2	2,806.25	1/2	3,169.80	1/2	3,532.70
3/4	281.04	3/4	645.17	3/4	1,004.41	3/4	1,362.39	3/4	1,726.35	3/4	2,088.99	3/4	2,450.44	3/4	2,813.82	3/4	3,177.37	3/4	3,540.25
9	288.63	9	652.75	9	1,011.77	9	1,369.97	9	1,733.93	9	2,096.51	9	2,457.98	9	2,821.40	9	3,184.94	9	3,547.80
1/4	296.21	1/4	660.34	1/4	1,019.12	1/4	1,377.55	1/4	1,741.51	1/4	2,104.02	1/4	2,465.53	1/4	2,828.97	1/4	3,192.52	1/4	3,555.36
1/2	303.80	1/2	667.93	1/2	1,026.47	1/2	1,385.14	1/2	1,749.10	1/2	2,111.54	1/2	2,473.07	1/2	2,836.55	1/2	3,200.09	1/2	3,562.91
3/4	311.38	3/4	675.51	3/4	1,033.83	3/4	1,392.72	3/4	1,756.68	3/4	2,119.06	3/4	2,480.62	3/4	2,844.12	3/4	3,207.66	3/4	3,570.47
10	318.97	10	683.10	10	1,041.18	10	1,400.30	10	1,764.26	10	2,126.58	10	2,488.16	10	2,851.70	10	3,215.23	10	3,578.03
1/4	326.55	1/4	690.69	1/4	1,048.53	1/4	1,407.88	1/4	1,771.84	1/4	2,134.10	1/4	2,495.70	1/4	2,859.27	1/4	3,222.81	1/4	3,585.59
1/2	334.14	1/2	698.27	1/2	1,055.88	1/2	1,415.47	1/2	1,779.43	1/2	2,141.62	1/2	2,503.25	1/2	2,866.85	1/2	3,230.38	1/2	3,593.16
3/4	341.72	3/4	705.86	3/4	1,063.24	3/4	1,423.05	3/4	1,787.01	3/4	2,149.14	3/4	2,510.79	3/4	2,874.42	3/4	3,237.95	3/4	3,600.72
11	349.31	11	713.45	11	1,070.59	11	1,430.63	11	1,794.59	11	2,156.66	11	2,518.34	11	2,882.00	11	3,245.52	11	3,608.28
1/4	356.90	1/4	721.03	1/4	1,077.95	1/4	1,438.21	1/4	1,802.17	1/4	2,164.18	1/4	2,525.90	1/4	2,889.57	1/4	3,253.10	1/4	3,615.27
1/2	364.48	1/2	728.62	1/2	1,085.30	1/2	1,445.80	1/2	1,809.76	1/2	2,171.70	1/2	2,533.46	1/2	2,897.15	1/2	3,260.67	1/2	3,622.27
3/4	372.07	3/4	736.21	3/4	1,092.66	3/4	1,453.38	3/4	1,817.34	3/4	2,179.22	3/4	2,541.03	3/4	2,904.72	3/4	3,268.24	3/4	3,629.26

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 337"

3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	3,636.25	0	3,890.42	0	4,140.29	0	4,377.33	0	4,606.30	0		0		0		0		0	
1/4	3,642.08	1/4	3,895.66	1/4	4,145.37	1/4	4,382.11	1/4	4,611.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,647.91	1/2	3,900.91	1/2	4,150.45	1/2	4,386.89	1/2	4,616.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,653.75	3/4	3,906.16	3/4	4,155.53	3/4	4,391.66	3/4	4,621.92	3/4		3/4		3/4		3/4		3/4	
1	3,659.58	1	3,911.40	1	4,160.61	1	4,396.44	1	4,627.13	1		1		1		1		1	
1/4	3,664.83	1/4	3,916.65	1/4	4,165.67	1/4	4,401.18	1/4	4,631.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.07	1/2	3,921.90	1/2	4,170.73	1/2	4,405.92	1/2	4,636.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.32	3/4	3,927.14	3/4	4,175.79	3/4	4,410.66	3/4	4,641.61	3/4		3/4		3/4		3/4		3/4	
2	3,680.57	2	3,932.39	2	4,180.85	2	4,415.40	2	4,646.43	2		2		2		2		2	
1/4	3,685.81	1/4	3,937.63	1/4	4,185.88	1/4	4,420.11	1/4	4,650.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.06	1/2	3,942.88	1/2	4,190.90	1/2	4,424.81	1/2	4,653.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,696.30	3/4	3,948.13	3/4	4,195.93	3/4	4,429.52	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,701.55	3	3,953.37	3	4,200.96	3	4,434.22	3		3		3		3		3		3	
1/4	3,706.80	1/4	3,958.62	1/4	4,205.95	1/4	4,438.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.04	1/2	3,963.87	1/2	4,210.95	1/2	4,443.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,717.29	3/4	3,969.11	3/4	4,215.94	3/4	4,448.26	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,722.54	4	3,974.36	4	4,220.94	4	4,452.94	4		4		4		4		4		4	
1/4	3,727.78	1/4	3,979.60	1/4	4,225.91	1/4	4,457.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,733.03	1/2	3,984.85	1/2	4,230.88	1/2	4,462.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.27	3/4	3,990.10	3/4	4,235.84	3/4	4,466.92	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,743.52	5	3,995.34	5	4,240.81	5	4,471.57	5		5		5		5		5		5	
1/4	3,748.77	1/4	4,000.58	1/4	4,245.76	1/4	4,476.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,754.01	1/2	4,005.83	1/2	4,250.70	1/2	4,480.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.26	3/4	4,011.07	3/4	4,255.65	3/4	4,485.48	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,764.51	6	4,016.31	6	4,260.59	6	4,490.11	6		6		6		6		6		6	
1/4	3,769.75	1/4	4,021.53	1/4	4,265.52	1/4	4,494.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.00	1/2	4,026.76	1/2	4,270.44	1/2	4,499.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.25	3/4	4,031.99	3/4	4,275.36	3/4	4,503.94	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,785.49	7	4,037.21	7	4,280.28	7	4,508.55	7		7		7		7		7		7	
1/4	3,790.74	1/4	4,042.42	1/4	4,285.18	1/4	4,513.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,795.98	1/2	4,047.62	1/2	4,290.08	1/2	4,517.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,801.23	3/4	4,052.82	3/4	4,294.98	3/4	4,522.30	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,806.48	8	4,058.02	8	4,299.88	8	4,526.88	8		8		8		8		8		8	
1/4	3,811.72	1/4	4,063.20	1/4	4,304.76	1/4	4,531.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,816.97	1/2	4,068.38	1/2	4,309.63	1/2	4,536.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,822.22	3/4	4,073.56	3/4	4,314.51	3/4	4,540.57	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,827.46	9	4,078.74	9	4,319.38	9	4,545.13	9		9		9		9		9		9	
1/4	3,832.71	1/4	4,083.90	1/4	4,324.24	1/4	4,550.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.95	1/2	4,089.05	1/2	4,329.09	1/2	4,554.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.20	3/4	4,094.21	3/4	4,333.94	3/4	4,559.76	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,848.45	10	4,099.36	10	4,338.80	10	4,564.64	10		10		10		10		10		10	
1/4	3,853.69	1/4	4,104.49	1/4	4,343.63	1/4	4,569.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.94	1/2	4,109.61	1/2	4,348.46	1/2	4,575.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.19	3/4	4,114.74	3/4	4,353.29	3/4	4,580.26	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,869.43	11	4,119.87	11	4,358.12	11	4,585.47	11		11		11		11		11		11	
1/4	3,874.68	1/4	4,124.97	1/4	4,362.92	1/4	4,590.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,879.92	1/2	4,130.08	1/2	4,367.72	1/2	4,595.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,885.17	3/4	4,135.18	3/4	4,372.53	3/4	4,601.09	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

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



BARGE "CTCo 337"

3 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	25.06	0	380.08	0	744.81	0	1,109.04	0	1,473.73	0	1,838.46	0	2,203.20	0	2,567.94	0	2,932.42	0	3,296.71
1/4	30.76	1/4	387.68	1/4	752.41	1/4	1,116.63	1/4	1,481.33	1/4	1,846.06	1/4	2,210.80	1/4	2,575.54	1/4	2,940.01	1/4	3,304.30
1/2	36.46	1/2	395.28	1/2	760.00	1/2	1,124.22	1/2	1,488.92	1/2	1,853.66	1/2	2,218.40	1/2	2,583.14	1/2	2,947.60	1/2	3,311.89
3/4	42.15	3/4	402.88	3/4	767.60	3/4	1,131.81	3/4	1,496.52	3/4	1,861.26	3/4	2,226.00	3/4	2,590.74	3/4	2,955.19	3/4	3,319.48
1	47.85	1	410.48	1	775.20	1	1,139.40	1	1,504.12	1	1,868.86	1	2,233.60	1	2,598.33	1	2,962.78	1	3,327.07
1/4	54.96	1/4	418.08	1/4	782.80	1/4	1,146.99	1/4	1,511.72	1/4	1,876.46	1/4	2,241.20	1/4	2,605.93	1/4	2,970.38	1/4	3,334.65
1/2	62.06	1/2	425.67	1/2	790.40	1/2	1,154.59	1/2	1,519.32	1/2	1,884.06	1/2	2,248.79	1/2	2,613.53	1/2	2,977.97	1/2	3,342.23
3/4	69.17	3/4	433.27	3/4	798.00	3/4	1,162.18	3/4	1,526.92	3/4	1,891.66	3/4	2,256.39	3/4	2,621.13	3/4	2,985.56	3/4	3,349.80
2	76.27	2	440.87	2	805.59	2	1,169.78	2	1,534.52	2	1,899.25	2	2,263.99	2	2,628.73	2	2,993.15	2	3,357.38
1/4	83.84	1/4	448.47	1/4	813.19	1/4	1,177.38	1/4	1,542.11	1/4	1,906.85	1/4	2,271.59	1/4	2,636.33	1/4	3,000.74	1/4	3,364.95
1/2	91.42	1/2	456.07	1/2	820.79	1/2	1,184.98	1/2	1,549.71	1/2	1,914.45	1/2	2,279.19	1/2	2,643.93	1/2	3,008.33	1/2	3,372.52
3/4	98.99	3/4	463.67	3/4	828.39	3/4	1,192.57	3/4	1,557.31	3/4	1,922.05	3/4	2,286.79	3/4	2,651.53	3/4	3,015.92	3/4	3,380.09
3	106.57	3	471.27	3	835.99	3	1,200.17	3	1,564.91	3	1,929.65	3	2,294.39	3	2,659.12	3	3,023.52	3	3,387.66
1/4	114.16	1/4	478.86	1/4	843.58	1/4	1,207.77	1/4	1,572.51	1/4	1,937.25	1/4	2,301.98	1/4	2,666.72	1/4	3,031.11	1/4	3,395.22
1/2	121.75	1/2	486.46	1/2	851.17	1/2	1,215.37	1/2	1,580.11	1/2	1,944.85	1/2	2,309.58	1/2	2,674.31	1/2	3,038.70	1/2	3,402.79
3/4	129.35	3/4	494.06	3/4	858.76	3/4	1,222.97	3/4	1,587.71	3/4	1,952.44	3/4	2,317.18	3/4	2,681.90	3/4	3,046.29	3/4	3,410.36
4	136.94	4	501.66	4	866.35	4	1,230.57	4	1,595.31	4	1,960.04	4	2,324.78	4	2,689.49	4	3,053.88	4	3,417.93
1/4	144.54	1/4	509.26	1/4	873.94	1/4	1,238.17	1/4	1,602.90	1/4	1,967.64	1/4	2,332.38	1/4	2,697.09	1/4	3,061.46	1/4	3,425.50
1/2	152.13	1/2	516.86	1/2	881.52	1/2	1,245.77	1/2	1,610.50	1/2	1,975.24	1/2	2,339.98	1/2	2,704.68	1/2	3,069.05	1/2	3,433.06
3/4	159.73	3/4	524.45	3/4	889.10	3/4	1,253.36	3/4	1,618.10	3/4	1,982.84	3/4	2,347.58	3/4	2,712.27	3/4	3,076.64	3/4	3,440.63
5	167.33	5	532.05	5	896.69	5	1,260.96	5	1,625.70	5	1,990.44	5	2,355.18	5	2,719.86	5	3,084.23	5	3,448.20
1/4	174.93	1/4	539.65	1/4	904.27	1/4	1,268.56	1/4	1,633.30	1/4	1,998.04	1/4	2,362.77	1/4	2,727.45	1/4	3,091.82	1/4	3,455.77
1/2	182.53	1/2	547.25	1/2	911.85	1/2	1,276.16	1/2	1,640.90	1/2	2,005.64	1/2	2,370.37	1/2	2,735.04	1/2	3,099.41	1/2	3,463.34
3/4	190.12	3/4	554.84	3/4	919.44	3/4	1,283.76	3/4	1,648.50	3/4	2,013.23	3/4	2,377.97	3/4	2,742.63	3/4	3,107.00	3/4	3,470.90
6	197.72	6	562.45	6	927.02	6	1,291.36	6	1,656.10	6	2,020.83	6	2,385.57	6	2,750.22	6	3,114.59	6	3,478.47
1/4	205.32	1/4	570.04	1/4	934.60	1/4	1,298.96	1/4	1,663.69	1/4	2,028.43	1/4	2,393.17	1/4	2,757.82	1/4	3,122.17	1/4	3,486.04
1/2	212.92	1/2	577.64	1/2	942.19	1/2	1,306.56	1/2	1,671.29	1/2	2,036.03	1/2	2,400.77	1/2	2,765.41	1/2	3,129.76	1/2	3,493.61
3/4	220.52	3/4	585.24	3/4	949.77	3/4	1,314.15	3/4	1,678.89	3/4	2,043.63	3/4	2,408.37	3/4	2,773.00	3/4	3,137.35	3/4	3,501.18
7	228.12	7	592.84	7	957.35	7	1,321.75	7	1,686.49	7	2,051.23	7	2,415.97	7	2,780.59	7	3,144.94	7	3,508.74
1/4	235.71	1/4	600.44	1/4	964.94	1/4	1,329.35	1/4	1,694.09	1/4	2,058.83	1/4	2,423.56	1/4	2,788.18	1/4	3,152.53	1/4	3,516.31
1/2	243.31	1/2	608.04	1/2	972.52	1/2	1,336.95	1/2	1,701.69	1/2	2,066.43	1/2	2,431.16	1/2	2,795.77	1/2	3,160.12	1/2	3,523.88
3/4	250.91	3/4	615.63	3/4	980.11	3/4	1,344.55	3/4	1,709.29	3/4	2,074.02	3/4	2,438.76	3/4	2,803.36	3/4	3,167.71	3/4	3,531.45
8	258.51	8	623.23	8	987.69	8	1,352.15	8	1,716.88	8	2,081.62	8	2,446.36	8	2,810.96	8	3,175.30	8	3,539.02
1/4	266.11	1/4	630.83	1/4	995.27	1/4	1,359.75	1/4	1,724.48	1/4	2,089.22	1/4	2,453.96	1/4	2,818.55	1/4	3,182.88	1/4	3,546.58
1/2	273.71	1/2	638.43	1/2	1,002.86	1/2	1,367.34	1/2	1,732.08	1/2	2,096.82	1/2	2,461.56	1/2	2,826.14	1/2	3,190.47	1/2	3,554.15
3/4	281.31	3/4	646.03	3/4	1,010.44	3/4	1,374.94	3/4	1,739.68	3/4	2,104.42	3/4	2,469.16	3/4	2,833.73	3/4	3,198.06	3/4	3,561.72
9	288.90	9	653.63	9	1,018.02	9	1,382.54	9	1,747.28	9	2,112.02	9	2,476.75	9	2,841.32	9	3,205.65	9	3,569.29
1/4	296.50	1/4	661.23	1/4	1,025.61	1/4	1,390.14	1/4	1,754.88	1/4	2,119.62	1/4	2,484.35	1/4	2,848.91	1/4	3,213.24	1/4	3,576.86
1/2	304.10	1/2	668.82	1/2	1,033.19	1/2	1,397.74	1/2	1,762.48	1/2	2,127.21	1/2	2,491.95	1/2	2,856.50	1/2	3,220.83	1/2	3,584.42
3/4	311.70	3/4	676.42	3/4	1,040.77	3/4	1,405.34	3/4	1,770.08	3/4	2,134.81	3/4	2,499.55	3/4	2,864.10	3/4	3,228.42	3/4	3,591.99
10	319.30	10	684.02	10	1,048.36	10	1,412.94	10	1,777.67	10	2,142.41	10	2,507.15	10	2,871.69	10	3,236.00	10	3,599.56
1/4	326.90	1/4	691.62	1/4	1,055.94	1/4	1,420.54	1/4	1,785.27	1/4	2,150.01	1/4	2,514.75	1/4	2,879.28	1/4	3,243.59	1/4	3,607.13
1/2	334.49	1/2	699.22	1/2	1,063.52	1/2	1,428.13	1/2	1,792.87	1/2	2,157.61	1/2	2,522.35	1/2	2,886.87	1/2	3,251.18	1/2	3,614.70
3/4	342.09	3/4	706.82	3/4	1,071.11	3/4	1,435.73	3/4	1,800.47	3/4	2,165.21	3/4	2,529.95	3/4	2,894.46	3/4	3,258.77	3/4	3,622.26
11	349.69	11	714.41	11	1,078.69	11	1,443.33	11	1,808.07	11	2,172.81	11	2,537.54	11	2,902.05	11	3,266.36	11	3,629.83
1/4	357.29	1/4	722.01	1/4	1,086.28	1/4	1,450.93	1/4	1,815.67	1/4	2,180.41	1/4	2,545.14	1/4	2,909.64	1/4	3,273.95	1/4	3,636.83
1/2	364.89	1/2	729.61	1/2	1,093.86	1/2	1,458.53	1/2	1,823.27	1/2	2,188.00	1/2	2,552.74	1/2	2,917.24	1/2	3,281.54	1/2	3,643.82
3/4	372.49	3/4	737.21	3/4	1,101.45	3/4	1,466.13	3/4	1,830.87	3/4	2,195.60	3/4	2,560.34	3/4	2,924.83	3/4	3,289.13	3/4	3,650.81

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 337"

3 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	3,657.81	0	3,911.96	0	4,161.82	0	4,398.84	0	4,627.80	0		0		0		0		0	
1/4	3,663.64	1/4	3,917.20	1/4	4,166.90	1/4	4,403.62	1/4	4,633.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.47	1/2	3,922.45	1/2	4,171.98	1/2	4,408.40	1/2	4,638.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.30	3/4	3,927.69	3/4	4,177.06	3/4	4,413.18	3/4	4,643.42	3/4		3/4		3/4		3/4		3/4	
1	3,681.14	1	3,932.94	1	4,182.14	1	4,417.95	1	4,648.63	1		1		1		1		1	
1/4	3,686.38	1/4	3,938.19	1/4	4,187.20	1/4	4,422.69	1/4	4,653.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.63	1/2	3,943.43	1/2	4,192.26	1/2	4,427.43	1/2	4,658.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,696.88	3/4	3,948.68	3/4	4,197.32	3/4	4,432.17	3/4	4,663.11	3/4		3/4		3/4		3/4		3/4	
2	3,702.12	2	3,953.92	2	4,202.38	2	4,436.91	2	4,667.94	2		2		2		2		2	
1/4	3,707.37	1/4	3,959.17	1/4	4,207.40	1/4	4,441.62	1/4	4,671.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,712.61	1/2	3,964.42	1/2	4,212.43	1/2	4,446.32	1/2	4,675.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,717.86	3/4	3,969.66	3/4	4,217.46	3/4	4,451.03	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,723.10	3	3,974.91	3	4,222.49	3	4,455.73	3		3		3		3		3		3	
1/4	3,728.35	1/4	3,980.15	1/4	4,227.48	1/4	4,460.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,733.60	1/2	3,985.40	1/2	4,232.47	1/2	4,465.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.84	3/4	3,990.65	3/4	4,237.47	3/4	4,469.77	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,744.09	4	3,995.89	4	4,242.46	4	4,474.45	4		4		4		4		4		4	
1/4	3,749.33	1/4	4,001.14	1/4	4,247.43	1/4	4,479.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,754.58	1/2	4,006.38	1/2	4,252.40	1/2	4,483.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.83	3/4	4,011.63	3/4	4,257.37	3/4	4,488.42	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,765.07	5	4,016.88	5	4,262.34	5	4,493.08	5		5		5		5		5		5	
1/4	3,770.32	1/4	4,022.12	1/4	4,267.28	1/4	4,497.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.56	1/2	4,027.36	1/2	4,272.23	1/2	4,502.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.81	3/4	4,032.60	3/4	4,277.17	3/4	4,506.98	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,786.06	6	4,037.85	6	4,282.12	6	4,511.62	6		6		6		6		6		6	
1/4	3,791.30	1/4	4,043.07	1/4	4,287.04	1/4	4,516.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,796.55	1/2	4,048.30	1/2	4,291.96	1/2	4,520.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,801.79	3/4	4,053.52	3/4	4,296.88	3/4	4,525.44	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,807.04	7	4,058.75	7	4,301.80	7	4,530.05	7		7		7		7		7		7	
1/4	3,812.29	1/4	4,063.95	1/4	4,306.70	1/4	4,534.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.53	1/2	4,069.15	1/2	4,311.60	1/2	4,539.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,822.78	3/4	4,074.36	3/4	4,316.50	3/4	4,543.80	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,828.02	8	4,079.56	8	4,321.40	8	4,548.38	8		8		8		8		8		8	
1/4	3,833.27	1/4	4,084.74	1/4	4,326.28	1/4	4,552.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.51	1/2	4,089.92	1/2	4,331.15	1/2	4,557.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.76	3/4	4,095.10	3/4	4,336.03	3/4	4,562.07	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,849.01	9	4,100.28	9	4,340.90	9	4,566.63	9		9		9		9		9		9	
1/4	3,854.25	1/4	4,105.43	1/4	4,345.76	1/4	4,571.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,859.50	1/2	4,110.59	1/2	4,350.61	1/2	4,576.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.74	3/4	4,115.74	3/4	4,355.46	3/4	4,581.27	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,869.99	10	4,120.89	10	4,360.31	10	4,586.14	10		10		10		10		10		10	
1/4	3,875.24	1/4	4,126.02	1/4	4,365.14	1/4	4,591.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.48	1/2	4,131.15	1/2	4,369.97	1/2	4,596.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,885.73	3/4	4,136.27	3/4	4,374.80	3/4	4,601.76	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,890.97	11	4,141.40	11	4,379.63	11	4,606.97	11		11		11		11		11		11	
1/4	3,896.22	1/4	4,146.51	1/4	4,384.43	1/4	4,612.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,901.47	1/2	4,151.61	1/2	4,389.24	1/2	4,617.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,906.71	3/4	4,156.71	3/4	4,394.04	3/4	4,622.59	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
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