



BARGE "CTCo 337"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 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 ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

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 ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4	4,777.96	1/4	4,439.41	1/4	4,079.91	1/4	3,713.89	1/4	3,347.57	1/4	2,980.98	1/4	2,614.21	1/4	2,247.44
1/2		1/2		1/2	4,771.16	1/2	4,432.15	1/2	4,072.29	1/2	3,706.26	1/2	3,339.94	1/2	2,973.33	1/2	2,606.57	1/2	2,239.80
3/4		3/4		3/4	4,764.32	3/4	4,424.84	3/4	4,064.66	3/4	3,698.64	3/4	3,332.30	3/4	2,965.69	3/4	2,598.92	3/4	2,232.16
1	1	1	5,092.37	1	4,757.49	1	4,417.53	1	4,057.04	1	3,691.01	1	3,324.66	1	2,958.05	1	2,591.28	1	2,224.52
1/4		1/4	5,086.33	1/4	4,750.65	1/4	4,410.23	1/4	4,049.41	1/4	3,683.39	1/4	3,317.02	1/4	2,950.41	1/4	2,583.64	1/4	2,216.87
1/2		1/2	5,080.28	1/2	4,743.82	1/2	4,402.92	1/2	4,041.78	1/2	3,675.76	1/2	3,309.39	1/2	2,942.77	1/2	2,576.00	1/2	2,209.23
3/4		3/4	5,073.10	3/4	4,736.93	3/4	4,395.57	3/4	4,034.16	3/4	3,668.13	3/4	3,301.75	3/4	2,935.13	3/4	2,568.36	3/4	2,201.59
2	2	2	5,065.91	2	4,730.03	2	4,388.21	2	4,026.53	2	3,660.51	2	3,294.11	2	2,927.49	2	2,560.72	2	2,193.95
1/4		1/4	5,058.72	1/4	4,723.14	1/4	4,380.86	1/4	4,018.91	1/4	3,652.88	1/4	3,286.48	1/4	2,919.85	1/4	2,553.08	1/4	2,186.31
1/2		1/2	5,051.54	1/2	4,716.25	1/2	4,373.51	1/2	4,011.28	1/2	3,645.26	1/2	3,278.84	1/2	2,912.21	1/2	2,545.44	1/2	2,178.67
3/4		3/4	5,043.97	3/4	4,709.31	3/4	4,366.12	3/4	4,003.66	3/4	3,637.63	3/4	3,271.20	3/4	2,904.56	3/4	2,537.80	3/4	2,171.03
3	3	3	5,036.40	3	4,702.37	3	4,358.74	3	3,996.03	3	3,630.01	3	3,263.57	3	2,896.92	3	2,530.16	3	2,163.39
1/4		1/4	5,028.83	1/4	4,695.42	1/4	4,351.35	1/4	3,988.41	1/4	3,622.38	1/4	3,255.93	1/4	2,889.28	1/4	2,522.51	1/4	2,155.75
1/2		1/2	5,021.26	1/2	4,688.48	1/2	4,343.97	1/2	3,980.78	1/2	3,614.76	1/2	3,248.29	1/2	2,881.64	1/2	2,514.87	1/2	2,148.11
3/4		3/4	5,013.70	3/4	4,681.50	3/4	4,336.55	3/4	3,973.15	3/4	3,607.13	3/4	3,240.65	3/4	2,874.00	3/4	2,507.23	3/4	2,140.46
4	4	4	5,006.13	4	4,674.52	4	4,329.13	4	3,965.53	4	3,599.51	4	3,233.02	4	2,866.36	4	2,499.59	4	2,132.82
1/4		1/4	4,998.56	1/4	4,667.54	1/4	4,321.71	1/4	3,957.90	1/4	3,591.88	1/4	3,225.38	1/4	2,858.72	1/4	2,491.95	1/4	2,125.18
1/2		1/2	4,990.99	1/2	4,660.55	1/2	4,314.29	1/2	3,950.28	1/2	3,584.25	1/2	3,217.74	1/2	2,851.08	1/2	2,484.31	1/2	2,117.54
3/4		3/4	4,983.42	3/4	4,653.54	3/4	4,306.84	3/4	3,942.65	3/4	3,576.63	3/4	3,210.11	3/4	2,843.44	3/4	2,476.67	3/4	2,109.90
5	5	5	4,975.85	5	4,646.52	5	4,299.38	5	3,935.03	5	3,569.00	5	3,202.47	5	2,835.80	5	2,469.03	5	2,102.26
1/4		1/4	4,968.29	1/4	4,639.50	1/4	4,291.93	1/4	3,927.40	1/4	3,561.38	1/4	3,194.83	1/4	2,828.15	1/4	2,461.39	1/4	2,094.62
1/2		1/2	4,960.72	1/2	4,632.48	1/2	4,284.48	1/2	3,919.78	1/2	3,553.75	1/2	3,187.20	1/2	2,820.51	1/2	2,453.75	1/2	2,086.98
3/4		3/4	4,953.63	3/4	4,625.42	3/4	4,276.99	3/4	3,912.15	3/4	3,546.12	3/4	3,179.56	3/4	2,812.87	3/4	2,446.10	3/4	2,079.34
6	6	6	4,946.54	6	4,618.37	6	4,269.49	6	3,904.53	6	3,538.49	6	3,171.92	6	2,805.23	6	2,438.46	6	2,071.70
1/4		1/4	4,939.45	1/4	4,611.32	1/4	4,262.00	1/4	3,896.90	1/4	3,530.86	1/4	3,164.28	1/4	2,797.59	1/4	2,430.82	1/4	2,064.05
1/2		1/2	4,932.36	1/2	4,604.27	1/2	4,254.51	1/2	3,889.27	1/2	3,523.22	1/2	3,156.65	1/2	2,789.95	1/2	2,423.18	1/2	2,056.41
3/4		3/4	4,925.73	3/4	4,597.18	3/4	4,246.98	3/4	3,881.65	3/4	3,515.59	3/4	3,149.01	3/4	2,782.31	3/4	2,415.54	3/4	2,048.77
7	7	7	4,919.09	7	4,590.09	7	4,239.45	7	3,874.02	7	3,507.95	7	3,141.37	7	2,774.67	7	2,407.90	7	2,041.13
1/4		1/4	4,912.46	1/4	4,583.01	1/4	4,231.93	1/4	3,866.40	1/4	3,500.31	1/4	3,133.74	1/4	2,767.03	1/4	2,400.26	1/4	2,033.49
1/2		1/2	4,905.83	1/2	4,575.92	1/2	4,224.40	1/2	3,858.77	1/2	3,492.68	1/2	3,126.10	1/2	2,759.39	1/2	2,392.62	1/2	2,025.85
3/4		3/4	4,899.17	3/4	4,568.80	3/4	4,216.83	3/4	3,851.15	3/4	3,485.04	3/4	3,118.46	3/4	2,751.74	3/4	2,384.98	3/4	2,018.21
8	8	8	4,892.51	8	4,561.68	8	4,209.27	8	3,843.52	8	3,477.40	8	3,110.83	8	2,744.10	8	2,377.34	8	2,010.57
1/4		1/4	4,885.85	1/4	4,554.56	1/4	4,201.71	1/4	3,835.90	1/4	3,469.76	1/4	3,103.19	1/4	2,736.46	1/4	2,369.69	1/4	2,002.93
1/2		1/2	4,879.19	1/2	4,547.44	1/2	4,194.15	1/2	3,828.27	1/2	3,462.13	1/2	3,095.55	1/2	2,728.82	1/2	2,362.05	1/2	1,995.29
3/4		3/4	4,872.49	3/4	4,540.28	3/4	4,186.55	3/4	3,820.64	3/4	3,454.49	3/4	3,087.91	3/4	2,721.18	3/4	2,354.41	3/4	1,987.64
9	9	9	4,865.79	9	4,533.13	9	4,178.95	9	3,813.02	9	3,446.85	9	3,080.28	9	2,713.54	9	2,346.77	9	1,980.00
1/4		1/4	4,859.09	1/4	4,525.98	1/4	4,171.36	1/4	3,805.39	1/4	3,439.22	1/4	3,072.64	1/4	2,705.90	1/4	2,339.13	1/4	1,972.36
1/2		1/2	4,852.39	1/2	4,518.82	1/2	4,163.76	1/2	3,797.77	1/2	3,431.58	1/2	3,065.00	1/2	2,698.26	1/2	2,331.49	1/2	1,964.72
3/4		3/4	4,845.66	3/4	4,511.63	3/4	4,156.14	3/4	3,790.14	3/4	3,423.94	3/4	3,057.37	3/4	2,690.62	3/4	2,323.85	3/4	1,957.08
10	10	10	4,838.92	10	4,504.45	10	4,148.53	10	3,782.52	10	3,416.31	10	3,049.73	10	2,682.98	10	2,316.21	10	1,949.44
1/4		1/4	4,832.19	1/4	4,497.26	1/4	4,140.91	1/4	3,774.89	1/4	3,408.67	1/4	3,042.09	1/4	2,675.33	1/4	2,308.57	1/4	1,941.80
1/2		1/2	4,825.45	1/2	4,490.07	1/2	4,133.29	1/2	3,767.27	1/2	3,401.03	1/2	3,034.46	1/2	2,667.69	1/2	2,300.93	1/2	1,934.16
3/4		3/4	4,818.68	3/4	4,482.85	3/4	4,125.66	3/4	3,759.64	3/4	3,393.39	3/4	3,026.82	3/4	2,660.05	3/4	2,293.28	3/4	1,926.52
11	11	11	4,811.91	11	4,475.63	11	4,118.04	11	3,752.02	11	3,385.76	11	3,019.18	11	2,652.41	11	2,285.64	11	1,918.88
1/4		1/4	4,805.14	1/4	4,468.41	1/4	4,110.41	1/4	3,744.39	1/4	3,378.12	1/4	3,011.54	1/4	2,644.77	1/4	2,278.00	1/4	1,911.23
1/2		1/2	4,798.37	1/2	4,461.19	1/2	4,102.79	1/2	3,736.76	1/2	3,370.48	1/2	3,003.91	1/2	2,637.13	1/2	2,270.36	1/2	1,903.59
3/4		3/4	4,791.57	3/4	4,453.93	3/4	4,095.16	3/4	3,729.14	3/4	3,362.85	3/4	2,996.26	3/4	2,629.49	3/4	2,262.72	3/4	1,895.95

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" 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 337"

1 PORT ULLAGE 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	1,888.31	0	1,521.54	0	1,154.80	0	790.16	0	425.81	0	100.48	0		0		0		0	
1/4	1,880.67	1/4	1,513.90	1/4	1,147.18	1/4	782.55	1/4	418.49	1/4	94.26	1/4		1/4		1/4		1/4	
1/2	1,873.03	1/2	1,506.26	1/2	1,139.55	1/2	774.93	1/2	411.16	1/2	88.05	1/2		1/2		1/2		1/2	
3/4	1,865.39	3/4	1,498.62	3/4	1,131.94	3/4	767.29	3/4	403.93	3/4	81.94	3/4		3/4		3/4		3/4	
1	1,857.75	1	1,490.98	1	1,124.33	1	759.65	1	396.70	1	75.83	1		1		1		1	
1/4	1,850.11	1/4	1,483.34	1/4	1,116.72	1/4	752.01	1/4	389.47	1/4	69.72	1/4		1/4		1/4		1/4	
1/2	1,842.47	1/2	1,475.70	1/2	1,109.11	1/2	744.37	1/2	382.23	1/2	63.61	1/2		1/2		1/2		1/2	
3/4	1,834.82	3/4	1,468.06	3/4	1,101.50	3/4	736.73	3/4	375.09	3/4	58.06	3/4		3/4		3/4		3/4	
2	1,827.18	2	1,460.42	2	1,093.90	2	729.09	2	367.95	2	52.52	2		2		2		2	
1/4	1,819.54	1/4	1,452.77	1/4	1,086.29	1/4	721.45	1/4	360.81	1/4	46.97	1/4		1/4		1/4		1/4	
1/2	1,811.90	1/2	1,445.13	1/2	1,078.69	1/2	713.81	1/2	353.66	1/2	41.42	1/2		1/2		1/2		1/2	
3/4	1,804.26	3/4	1,437.49	3/4	1,071.09	3/4	706.16	3/4	346.61	3/4	36.94	3/4		3/4		3/4		3/4	
3	1,796.62	3	1,429.85	3	1,063.49	3	698.52	3	339.56	3	32.45	3		3		3		3	
1/4	1,788.98	1/4	1,422.21	1/4	1,055.89	1/4	690.88	1/4	332.51	1/4	27.97	1/4		1/4		1/4		1/4	
1/2	1,781.34	1/2	1,414.57	1/2	1,048.30	1/2	683.24	1/2	325.46	1/2	23.48	1/2		1/2		1/2		1/2	
3/4	1,773.70	3/4	1,406.93	3/4	1,040.70	3/4	675.60	3/4	318.50	3/4		3/4		3/4		3/4		3/4	
4	1,766.06	4	1,399.29	4	1,033.11	4	667.96	4	311.54	4		4		4		4		4	
1/4	1,758.41	1/4	1,391.65	1/4	1,025.51	1/4	660.32	1/4	304.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,750.77	1/2	1,384.01	1/2	1,017.92	1/2	652.68	1/2	297.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,743.13	3/4	1,376.36	3/4	1,010.33	3/4	645.04	3/4	290.75	3/4		3/4		3/4		3/4		3/4	
5	1,735.49	5	1,368.72	5	1,002.74	5	637.40	5	283.88	5		5		5		5		5	
1/4	1,727.85	1/4	1,361.08	1/4	995.15	1/4	629.76	1/4	277.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,720.21	1/2	1,353.44	1/2	987.56	1/2	622.12	1/2	270.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,712.57	3/4	1,345.80	3/4	979.97	3/4	614.47	3/4	263.36	3/4		3/4		3/4		3/4		3/4	
6	1,704.93	6	1,338.16	6	972.38	6	606.83	6	256.58	6		6		6		6		6	
1/4	1,697.29	1/4	1,330.52	1/4	964.79	1/4	599.19	1/4	249.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,689.65	1/2	1,322.88	1/2	957.20	1/2	591.55	1/2	243.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,682.00	3/4	1,315.24	3/4	949.61	3/4	583.91	3/4	236.33	3/4		3/4		3/4		3/4		3/4	
7	1,674.36	7	1,307.60	7	942.02	7	576.27	7	229.64	7		7		7		7		7	
1/4	1,666.72	1/4	1,299.95	1/4	934.43	1/4	568.63	1/4	222.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,659.08	1/2	1,292.31	1/2	926.84	1/2	560.99	1/2	216.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,651.44	3/4	1,284.67	3/4	919.25	3/4	553.36	3/4	209.66	3/4		3/4		3/4		3/4		3/4	
8	1,643.80	8	1,277.03	8	911.66	8	545.73	8	203.07	8		8		8		8		8	
1/4	1,636.16	1/4	1,269.39	1/4	904.07	1/4	538.10	1/4	196.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,628.52	1/2	1,261.75	1/2	896.48	1/2	530.47	1/2	189.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,620.88	3/4	1,254.11	3/4	888.89	3/4	522.89	3/4	183.36	3/4		3/4		3/4		3/4		3/4	
9	1,613.24	9	1,246.47	9	881.30	9	515.30	9	176.85	9		9		9		9		9	
1/4	1,605.59	1/4	1,238.83	1/4	873.71	1/4	507.72	1/4	170.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,597.95	1/2	1,231.19	1/2	866.12	1/2	500.13	1/2	163.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,590.31	3/4	1,223.54	3/4	858.53	3/4	492.63	3/4	157.43	3/4		3/4		3/4		3/4		3/4	
10	1,582.67	10	1,215.90	10	850.94	10	485.12	10	151.01	10		10		10		10		10	
1/4	1,575.03	1/4	1,208.26	1/4	843.35	1/4	477.62	1/4	144.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,567.39	1/2	1,200.62	1/2	835.76	1/2	470.12	1/2	138.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,559.75	3/4	1,192.98	3/4	828.17	3/4	462.70	3/4	131.87	3/4		3/4		3/4		3/4		3/4	
11	1,552.11	11	1,185.34	11	820.58	11	455.29	11	125.55	11		11		11		11		11	
1/4	1,544.47	1/4	1,177.70	1/4	812.99	1/4	447.87	1/4	119.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,536.83	1/2	1,170.06	1/2	805.40	1/2	440.46	1/2	112.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,529.18	3/4	1,162.43	3/4	797.78	3/4	433.13	3/4	106.70	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 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"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	4,781.14	0	4,443.04	0	4,083.91	0	3,717.90	0	3,351.88	0	2,985.86	0	2,619.65	0	2,253.45
1/4	1/4	1/4	1/4	1/4	4,774.34	1/4	4,435.78	1/4	4,076.29	1/4	3,710.27	1/4	3,344.26	1/4	2,978.23	1/4	2,612.03	1/4	2,245.82
1/2	1/2	1/2	1/2	1/2	4,767.53	1/2	4,428.52	1/2	4,068.66	1/2	3,702.65	1/2	3,336.63	1/2	2,970.60	1/2	2,604.40	1/2	2,238.19
3/4	3/4	3/4	3/4	3/4	4,760.70	3/4	4,421.22	3/4	4,061.03	3/4	3,695.02	3/4	3,329.01	3/4	2,962.97	3/4	2,596.77	3/4	2,230.56
1	1	1	5,088.73	1	4,753.86	1	4,413.91	1	4,053.41	1	3,687.40	1	3,321.38	1	2,955.34	1	2,589.14	1	2,222.93
1/4	1/4	1/4	5,082.69	1/4	4,747.02	1/4	4,406.60	1/4	4,045.78	1/4	3,679.77	1/4	3,313.76	1/4	2,947.71	1/4	2,581.51	1/4	2,215.30
1/2	1/2	1/2	5,076.65	1/2	4,740.19	1/2	4,399.29	1/2	4,038.16	1/2	3,672.14	1/2	3,306.13	1/2	2,940.09	1/2	2,573.88	1/2	2,207.67
3/4	3/4	3/4	5,069.46	3/4	4,733.30	3/4	4,391.94	3/4	4,030.53	3/4	3,664.52	3/4	3,298.50	3/4	2,932.46	3/4	2,566.25	3/4	2,200.04
2	2	2	5,062.28	2	4,726.41	2	4,384.59	2	4,022.91	2	3,656.89	2	3,290.88	2	2,924.83	2	2,558.62	2	2,192.41
1/4	1/4	1/4	5,055.09	1/4	4,719.52	1/4	4,377.24	1/4	4,015.28	1/4	3,649.27	1/4	3,283.25	1/4	2,917.20	1/4	2,550.99	1/4	2,184.78
1/2	1/2	1/2	5,047.91	1/2	4,712.63	1/2	4,369.89	1/2	4,007.66	1/2	3,641.64	1/2	3,275.63	1/2	2,909.57	1/2	2,543.36	1/2	2,177.16
3/4	3/4	3/4	5,040.34	3/4	4,705.68	3/4	4,362.50	3/4	4,000.03	3/4	3,634.02	3/4	3,268.00	3/4	2,901.94	3/4	2,535.73	3/4	2,169.53
3	3	3	5,032.77	3	4,698.74	3	4,355.11	3	3,992.41	3	3,626.39	3	3,260.38	3	2,894.31	3	2,528.10	3	2,161.90
1/4	1/4	1/4	5,025.20	1/4	4,691.80	1/4	4,347.73	1/4	3,984.78	1/4	3,618.77	1/4	3,252.75	1/4	2,886.68	1/4	2,520.47	1/4	2,154.27
1/2	1/2	1/2	5,017.63	1/2	4,684.85	1/2	4,340.34	1/2	3,977.16	1/2	3,611.14	1/2	3,245.13	1/2	2,879.05	1/2	2,512.84	1/2	2,146.64
3/4	3/4	3/4	5,010.07	3/4	4,677.87	3/4	4,332.92	3/4	3,969.53	3/4	3,603.52	3/4	3,237.50	3/4	2,871.42	3/4	2,505.22	3/4	2,139.01
4	4	4	5,002.50	4	4,670.89	4	4,325.50	4	3,961.91	4	3,595.89	4	3,229.88	4	2,863.79	4	2,497.59	4	2,131.38
1/4	1/4	1/4	4,994.93	1/4	4,663.91	1/4	4,318.08	1/4	3,954.28	1/4	3,588.27	1/4	3,222.25	1/4	2,856.16	1/4	2,489.96	1/4	2,123.75
1/2	1/2	1/2	4,987.36	1/2	4,656.93	1/2	4,310.67	1/2	3,946.66	1/2	3,580.64	1/2	3,214.63	1/2	2,848.53	1/2	2,482.33	1/2	2,116.12
3/4	3/4	3/4	4,979.79	3/4	4,649.91	3/4	4,303.21	3/4	3,939.03	3/4	3,573.02	3/4	3,207.00	3/4	2,840.90	3/4	2,474.70	3/4	2,108.49
5	5	5	4,972.23	5	4,642.89	5	4,295.76	5	3,931.40	5	3,565.39	5	3,199.38	5	2,833.28	5	2,467.07	5	2,100.86
1/4	1/4	1/4	4,964.66	1/4	4,635.87	1/4	4,288.31	1/4	3,923.78	1/4	3,557.77	1/4	3,191.75	1/4	2,825.65	1/4	2,459.44	1/4	2,093.23
1/2	1/2	1/2	4,957.09	1/2	4,628.85	1/2	4,280.85	1/2	3,916.15	1/2	3,550.14	1/2	3,184.13	1/2	2,818.02	1/2	2,451.81	1/2	2,085.60
3/4	3/4	3/4	4,950.00	3/4	4,621.80	3/4	4,273.36	3/4	3,908.53	3/4	3,542.51	3/4	3,176.50	3/4	2,810.39	3/4	2,444.18	3/4	2,077.97
6	6	6	4,942.91	6	4,614.74	6	4,265.87	6	3,900.90	6	3,534.89	6	3,168.87	6	2,802.76	6	2,436.55	6	2,070.35
1/4	1/4	1/4	4,935.82	1/4	4,607.69	1/4	4,258.38	1/4	3,893.28	1/4	3,527.26	1/4	3,161.25	1/4	2,795.13	1/4	2,428.92	1/4	2,062.72
1/2	1/2	1/2	4,928.73	1/2	4,600.64	1/2	4,250.89	1/2	3,885.65	1/2	3,519.64	1/2	3,153.62	1/2	2,787.50	1/2	2,421.29	1/2	2,055.09
3/4	3/4	3/4	4,922.10	3/4	4,593.55	3/4	4,243.36	3/4	3,878.03	3/4	3,512.01	3/4	3,146.00	3/4	2,779.87	3/4	2,413.66	3/4	2,047.46
7	7	7	4,915.47	7	4,586.46	7	4,235.83	7	3,870.40	7	3,504.39	7	3,138.37	7	2,772.24	7	2,406.03	7	2,039.83
1/4	1/4	1/4	4,908.84	1/4	4,579.38	1/4	4,228.30	1/4	3,862.78	1/4	3,496.76	1/4	3,130.75	1/4	2,764.61	1/4	2,398.41	1/4	2,032.20
1/2	1/2	1/2	4,902.21	1/2	4,572.29	1/2	4,220.77	1/2	3,855.15	1/2	3,489.14	1/2	3,123.12	1/2	2,756.98	1/2	2,390.78	1/2	2,024.57
3/4	3/4	3/4	4,895.54	3/4	4,565.17	3/4	4,213.21	3/4	3,847.53	3/4	3,481.51	3/4	3,115.50	3/4	2,749.35	3/4	2,383.15	3/4	2,016.94
8	8	8	4,888.88	8	4,558.05	8	4,205.65	8	3,839.90	8	3,473.89	8	3,107.87	8	2,741.72	8	2,375.52	8	2,009.31
1/4	1/4	1/4	4,882.22	1/4	4,550.93	1/4	4,198.09	1/4	3,832.28	1/4	3,466.26	1/4	3,100.25	1/4	2,734.09	1/4	2,367.89	1/4	2,001.68
1/2	1/2	1/2	4,875.56	1/2	4,543.81	1/2	4,190.52	1/2	3,824.65	1/2	3,458.64	1/2	3,092.62	1/2	2,726.46	1/2	2,360.26	1/2	1,994.05
3/4	3/4	3/4	4,868.86	3/4	4,536.66	3/4	4,182.93	3/4	3,817.03	3/4	3,451.01	3/4	3,085.00	3/4	2,718.84	3/4	2,352.63	3/4	1,986.42
9	9	9	4,862.16	9	4,529.50	9	4,175.33	9	3,809.40	9	3,443.39	9	3,077.37	9	2,711.21	9	2,345.00	9	1,978.79
1/4	1/4	1/4	4,855.46	1/4	4,522.35	1/4	4,167.74	1/4	3,801.77	1/4	3,435.76	1/4	3,069.75	1/4	2,703.58	1/4	2,337.37	1/4	1,971.16
1/2	1/2	1/2	4,848.77	1/2	4,515.20	1/2	4,160.14	1/2	3,794.15	1/2	3,428.13	1/2	3,062.12	1/2	2,695.95	1/2	2,329.74	1/2	1,963.53
3/4	3/4	3/4	4,842.03	3/4	4,508.01	3/4	4,152.52	3/4	3,786.52	3/4	3,420.51	3/4	3,054.50	3/4	2,688.32	3/4	2,322.11	3/4	1,955.91
10	10	10	4,835.29	10	4,500.82	10	4,144.90	10	3,778.90	10	3,412.88	10	3,046.87	10	2,680.69	10	2,314.48	10	1,948.28
1/4	1/4	1/4	4,828.56	1/4	4,493.63	1/4	4,137.28	1/4	3,771.27	1/4	3,405.26	1/4	3,039.24	1/4	2,673.06	1/4	2,306.85	1/4	1,940.65
1/2	1/2	1/2	4,821.82	1/2	4,486.45	1/2	4,129.66	1/2	3,763.65	1/2	3,397.63	1/2	3,031.62	1/2	2,665.43	1/2	2,299.22	1/2	1,933.02
3/4	3/4	3/4	4,815.05	3/4	4,479.22	3/4	4,122.04	3/4	3,756.02	3/4	3,390.01	3/4	3,023.99	3/4	2,657.80	3/4	2,291.59	3/4	1,925.39
11	11	11	4,808.28	11	4,472.00	11	4,114.41	11	3,748.40	11	3,382.38	11	3,016.37	11	2,650.17	11	2,283.97	11	1,917.76
1/4	1/4	1/4	4,801.51	1/4	4,464.78	1/4	4,106.79	1/4	3,740.77	1/4	3,374.76	1/4	3,008.74	1/4	2,642.54	1/4	2,276.34	1/4	1,910.13
1/2	1/2	1/2	4,794.75	1/2	4,457.56	1/2	4,099.16	1/2	3,733.15	1/2	3,367.13	1/2	3,001.12	1/2	2,634.91	1/2	2,268.71	1/2	1,902.50
3/4	3/4	3/4	4,787.94	3/4	4,450.30	3/4	4,091.54	3/4	3,725.52	3/4	3,359.51	3/4	2,993.49	3/4	2,627.28	3/4	2,261.08	3/4	1,894.87

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" 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 337"

1 STBD ULLAGE 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	1,887.24	0	1,521.04	0	1,154.83	0	789.10	0	425.34	0	100.49	0		0		0		0	
1/4	1,879.61	1/4	1,513.41	1/4	1,147.20	1/4	781.48	1/4	418.02	1/4	94.27	1/4		1/4		1/4		1/4	
1/2	1,871.98	1/2	1,505.78	1/2	1,139.57	1/2	773.86	1/2	410.71	1/2	88.05	1/2		1/2		1/2		1/2	
3/4	1,864.35	3/4	1,498.15	3/4	1,131.94	3/4	766.23	3/4	403.49	3/4	81.94	3/4		3/4		3/4		3/4	
1	1,856.72	1	1,490.52	1	1,124.31	1	758.60	1	396.27	1	75.84	1		1		1		1	
1/4	1,849.10	1/4	1,482.89	1/4	1,116.68	1/4	750.97	1/4	389.05	1/4	69.73	1/4		1/4		1/4		1/4	
1/2	1,841.47	1/2	1,475.26	1/2	1,109.05	1/2	743.34	1/2	381.83	1/2	63.62	1/2		1/2		1/2		1/2	
3/4	1,833.84	3/4	1,467.63	3/4	1,101.43	3/4	735.71	3/4	374.70	3/4	58.07	3/4		3/4		3/4		3/4	
2	1,826.21	2	1,460.00	2	1,093.80	2	728.08	2	367.57	2	52.52	2		2		2		2	
1/4	1,818.58	1/4	1,452.37	1/4	1,086.18	1/4	720.45	1/4	360.44	1/4	46.98	1/4		1/4		1/4		1/4	
1/2	1,810.95	1/2	1,444.74	1/2	1,078.55	1/2	712.83	1/2	353.30	1/2	41.43	1/2		1/2		1/2		1/2	
3/4	1,803.32	3/4	1,437.11	3/4	1,070.93	3/4	705.20	3/4	346.26	3/4	36.94	3/4		3/4		3/4		3/4	
3	1,795.69	3	1,429.48	3	1,063.30	3	697.57	3	339.22	3	32.46	3		3		3		3	
1/4	1,788.06	1/4	1,421.85	1/4	1,055.68	1/4	689.94	1/4	332.18	1/4	27.97	1/4		1/4		1/4		1/4	
1/2	1,780.43	1/2	1,414.23	1/2	1,048.06	1/2	682.31	1/2	325.14	1/2	23.48	1/2		1/2		1/2		1/2	
3/4	1,772.80	3/4	1,406.60	3/4	1,040.44	3/4	674.68	3/4	318.20	3/4		3/4		3/4		3/4		3/4	
4	1,765.17	4	1,398.97	4	1,032.82	4	667.05	4	311.25	4		4		4		4		4	
1/4	1,757.54	1/4	1,391.34	1/4	1,025.20	1/4	659.42	1/4	304.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,749.91	1/2	1,383.71	1/2	1,017.58	1/2	651.79	1/2	297.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,742.29	3/4	1,376.08	3/4	1,009.97	3/4	644.16	3/4	290.49	3/4		3/4		3/4		3/4		3/4	
5	1,734.66	5	1,368.45	5	1,002.35	5	636.53	5	283.63	5		5		5		5		5	
1/4	1,727.03	1/4	1,360.82	1/4	994.74	1/4	628.91	1/4	276.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,719.40	1/2	1,353.19	1/2	987.12	1/2	621.28	1/2	269.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,711.77	3/4	1,345.56	3/4	979.50	3/4	613.65	3/4	263.15	3/4		3/4		3/4		3/4		3/4	
6	1,704.14	6	1,337.93	6	971.89	6	606.02	6	256.38	6		6		6		6		6	
1/4	1,696.51	1/4	1,330.30	1/4	964.27	1/4	598.39	1/4	249.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,688.88	1/2	1,322.67	1/2	956.66	1/2	590.76	1/2	242.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,681.25	3/4	1,315.04	3/4	949.04	3/4	583.13	3/4	236.16	3/4		3/4		3/4		3/4		3/4	
7	1,673.62	7	1,307.42	7	941.43	7	575.51	7	229.49	7		7		7		7		7	
1/4	1,665.99	1/4	1,299.79	1/4	933.81	1/4	567.88	1/4	222.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,658.36	1/2	1,292.16	1/2	926.20	1/2	560.26	1/2	216.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,650.73	3/4	1,284.53	3/4	918.58	3/4	552.65	3/4	209.55	3/4		3/4		3/4		3/4		3/4	
8	1,643.10	8	1,276.90	8	910.96	8	545.04	8	202.96	8		8		8		8		8	
1/4	1,635.48	1/4	1,269.27	1/4	903.35	1/4	537.43	1/4	196.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,627.85	1/2	1,261.64	1/2	895.73	1/2	529.82	1/2	189.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,620.22	3/4	1,254.01	3/4	888.12	3/4	522.25	3/4	183.29	3/4		3/4		3/4		3/4		3/4	
9	1,612.59	9	1,246.38	9	880.50	9	514.68	9	176.79	9		9		9		9		9	
1/4	1,604.96	1/4	1,238.75	1/4	872.89	1/4	507.11	1/4	170.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,597.33	1/2	1,231.12	1/2	865.27	1/2	499.54	1/2	163.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,589.70	3/4	1,223.49	3/4	857.66	3/4	492.05	3/4	157.40	3/4		3/4		3/4		3/4		3/4	
10	1,582.07	10	1,215.86	10	850.04	10	484.56	10	150.99	10		10		10		10		10	
1/4	1,574.44	1/4	1,208.23	1/4	842.43	1/4	477.06	1/4	144.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,566.81	1/2	1,200.60	1/2	834.81	1/2	469.57	1/2	138.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,559.18	3/4	1,192.98	3/4	827.19	3/4	462.17	3/4	131.87	3/4		3/4		3/4		3/4		3/4	
11	1,551.55	11	1,185.35	11	819.58	11	454.76	11	125.55	11		11		11		11		11	
1/4	1,543.92	1/4	1,177.72	1/4	811.96	1/4	447.36	1/4	119.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,536.29	1/2	1,170.09	1/2	804.35	1/2	439.96	1/2	112.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,528.66	3/4	1,162.46	3/4	796.73	3/4	432.65	3/4	106.71	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 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 ULLAGE 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		0		0	4,539.71	0	4,221.26	0	3,883.03	0	3,538.67	0	3,194.30	0	2,849.94	0	2,505.38	0	2,160.82
1/4		1/4		1/4	4,533.31	1/4	4,214.43	1/4	3,875.86	1/4	3,531.49	1/4	3,187.13	1/4	2,842.77	1/4	2,498.21	1/4	2,153.64
1/2		1/2		1/2	4,526.88	1/2	4,207.56	1/2	3,868.68	1/2	3,524.32	1/2	3,179.95	1/2	2,835.59	1/2	2,491.03	1/2	2,146.46
3/4		3/4		3/4	4,835.35	3/4	4,520.45	3/4	4,200.68	3/4	3,861.51	3/4	3,517.14	3/4	3,172.78	3/4	2,828.41	3/4	2,483.85
1		1		1	4,829.67	1	4,514.02	1	4,193.81	1	3,854.34	1	3,509.97	1	3,165.60	1	2,821.23	1	2,476.67
1/4		1/4		1/4	4,823.99	1/4	4,507.60	1/4	4,186.93	1/4	3,847.16	1/4	3,502.80	1/4	3,158.43	1/4	2,814.06	1/4	2,469.49
1/2		1/2		1/2	4,817.23	1/2	4,501.12	1/2	4,180.02	1/2	3,839.99	1/2	3,495.62	1/2	3,151.25	1/2	2,806.88	1/2	2,462.31
3/4		3/4		3/4	4,810.47	3/4	4,494.64	3/4	4,173.10	3/4	3,832.81	3/4	3,488.45	3/4	3,144.08	3/4	2,799.70	3/4	2,455.14
2		2		2	4,803.71	2	4,488.16	2	4,166.18	2	3,825.64	2	3,481.27	2	3,136.91	2	2,792.52	2	2,447.96
1/4		1/4		1/4	4,796.95	1/4	4,481.68	1/4	4,159.27	1/4	3,818.46	1/4	3,474.10	1/4	3,129.73	1/4	2,785.34	1/4	2,440.78
1/2		1/2		1/2	4,789.84	1/2	4,475.15	1/2	4,152.32	1/2	3,811.29	1/2	3,466.92	1/2	3,122.56	1/2	2,778.16	1/2	2,433.60
3/4		3/4		3/4	4,782.72	3/4	4,468.61	3/4	4,145.37	3/4	3,804.12	3/4	3,459.75	3/4	3,115.38	3/4	2,770.99	3/4	2,426.42
3		3		3	4,775.60	3	4,462.08	3	4,138.42	3	3,796.94	3	3,452.58	3	3,108.21	3	2,763.81	3	2,419.24
1/4		1/4		1/4	4,768.48	1/4	4,455.55	1/4	4,131.47	1/4	3,789.77	1/4	3,445.40	1/4	3,101.03	1/4	2,756.63	1/4	2,412.07
1/2		1/2		1/2	4,761.37	1/2	4,448.98	1/2	4,124.49	1/2	3,782.59	1/2	3,438.23	1/2	3,093.86	1/2	2,749.45	1/2	2,404.89
3/4		3/4		3/4	4,754.25	3/4	4,442.42	3/4	4,117.51	3/4	3,775.42	3/4	3,431.05	3/4	3,086.69	3/4	2,742.27	3/4	2,397.71
4		4		4	4,747.13	4	4,435.85	4	4,110.53	4	3,768.24	4	3,423.88	4	3,079.51	4	2,735.09	4	2,390.53
1/4		1/4		1/4	4,740.02	1/4	4,429.28	1/4	4,103.55	1/4	3,761.07	1/4	3,416.70	1/4	3,072.34	1/4	2,727.91	1/4	2,383.35
1/2		1/2		1/2	4,732.90	1/2	4,422.68	1/2	4,096.54	1/2	3,753.90	1/2	3,409.53	1/2	3,065.16	1/2	2,720.74	1/2	2,376.17
3/4		3/4		3/4	4,725.78	3/4	4,416.08	3/4	4,089.52	3/4	3,746.72	3/4	3,402.36	3/4	3,057.99	3/4	2,713.56	3/4	2,368.99
5		5		5	4,718.67	5	4,409.47	5	4,082.51	5	3,739.55	5	3,395.18	5	3,050.81	5	2,706.38	5	2,361.82
1/4		1/4		1/4	4,711.55	1/4	4,402.87	1/4	4,075.50	1/4	3,732.37	1/4	3,388.01	1/4	3,043.64	1/4	2,699.20	1/4	2,354.64
1/2		1/2		1/2	4,704.88	1/2	4,396.24	1/2	4,068.45	1/2	3,725.20	1/2	3,380.83	1/2	3,036.47	1/2	2,692.02	1/2	2,347.46
3/4		3/4		3/4	4,698.21	3/4	4,389.60	3/4	4,061.40	3/4	3,718.02	3/4	3,373.66	3/4	3,029.29	3/4	2,684.84	3/4	2,340.28
6		6		6	4,691.55	6	4,382.97	6	4,054.36	6	3,710.85	6	3,366.48	6	3,022.12	6	2,677.67	6	2,333.10
1/4		1/4		1/4	4,684.88	1/4	4,376.33	1/4	4,047.31	1/4	3,703.68	1/4	3,359.31	1/4	3,014.94	1/4	2,670.49	1/4	2,325.92
1/2		1/2		1/2	4,678.64	1/2	4,369.67	1/2	4,040.23	1/2	3,696.50	1/2	3,352.13	1/2	3,007.77	1/2	2,663.31	1/2	2,318.75
3/4		3/4		3/4	4,672.41	3/4	4,363.00	3/4	4,033.14	3/4	3,689.33	3/4	3,344.96	3/4	3,000.59	3/4	2,656.13	3/4	2,311.57
7		7		7	4,666.17	7	4,356.34	7	4,026.06	7	3,682.15	7	3,337.79	7	2,993.42	7	2,648.95	7	2,304.39
1/4		1/4		1/4	4,659.94	1/4	4,349.67	1/4	4,018.97	1/4	3,674.98	1/4	3,330.61	1/4	2,986.25	1/4	2,641.77	1/4	2,297.21
1/2		1/2		1/2	4,653.68	1/2	4,342.97	1/2	4,011.86	1/2	3,667.80	1/2	3,323.44	1/2	2,979.07	1/2	2,634.60	1/2	2,290.03
3/4		3/4		3/4	4,647.41	3/4	4,336.27	3/4	4,004.74	3/4	3,660.63	3/4	3,316.26	3/4	2,971.90	3/4	2,627.42	3/4	2,282.85
8		8		8	4,641.15	8	4,329.58	8	3,997.63	8	3,653.46	8	3,309.09	8	2,964.72	8	2,620.24	8	2,275.68
1/4		1/4		1/4	4,634.88	1/4	4,322.88	1/4	3,990.51	1/4	3,646.28	1/4	3,301.91	1/4	2,957.55	1/4	2,613.06	1/4	2,268.50
1/2		1/2		1/2	4,628.59	1/2	4,316.15	1/2	3,983.37	1/2	3,639.11	1/2	3,294.74	1/2	2,950.37	1/2	2,605.88	1/2	2,261.32
3/4		3/4		3/4	4,622.29	3/4	4,309.42	3/4	3,976.22	3/4	3,631.93	3/4	3,287.57	3/4	2,943.20	3/4	2,598.70	3/4	2,254.14
9		9		9	4,615.99	9	4,302.69	9	3,969.07	9	3,624.76	9	3,280.39	9	2,936.03	9	2,591.53	9	2,246.96
1/4		1/4		1/4	4,609.69	1/4	4,295.96	1/4	3,961.93	1/4	3,617.58	1/4	3,273.22	1/4	2,928.85	1/4	2,584.35	1/4	2,239.78
1/2		1/2		1/2	4,603.36	1/2	4,289.20	1/2	3,954.76	1/2	3,610.41	1/2	3,266.04	1/2	2,921.68	1/2	2,577.17	1/2	2,232.61
3/4		3/4		3/4	4,597.03	3/4	4,282.44	3/4	3,947.59	3/4	3,603.24	3/4	3,258.87	3/4	2,914.50	3/4	2,569.99	3/4	2,225.43
10		10		10	4,590.69	10	4,275.68	10	3,940.42	10	3,596.06	10	3,251.69	10	2,907.33	10	2,562.81	10	2,218.25
1/4		1/4		1/4	4,584.36	1/4	4,268.92	1/4	3,933.25	1/4	3,588.89	1/4	3,244.52	1/4	2,900.15	1/4	2,555.63	1/4	2,211.07
1/2		1/2		1/2	4,577.99	1/2	4,262.13	1/2	3,926.08	1/2	3,581.71	1/2	3,237.35	1/2	2,892.98	1/2	2,548.45	1/2	2,203.89
3/4		3/4		3/4	4,571.63	3/4	4,255.33	3/4	3,918.90	3/4	3,574.54	3/4	3,230.17	3/4	2,885.81	3/4	2,541.28	3/4	2,196.71
11		11		11	4,565.26	11	4,248.54	11	3,911.73	11	3,567.36	11	3,223.00	11	2,878.63	11	2,534.10	11	2,189.53
1/4		1/4		1/4	4,558.90	1/4	4,241.75	1/4	3,904.56	1/4	3,560.19	1/4	3,215.82	1/4	2,871.46	1/4	2,526.92	1/4	2,182.36
1/2		1/2		1/2	4,552.50	1/2	4,234.92	1/2	3,897.38	1/2	3,553.02	1/2	3,208.65	1/2	2,864.28	1/2	2,519.74	1/2	2,175.18
3/4		3/4		3/4	4,546.10	3/4	4,228.09	3/4	3,890.21	3/4	3,545.84	3/4	3,201.47	3/4	2,857.11	3/4	2,512.56	3/4	2,168.00

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN 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 ULLAGE 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	1,816.26	0	1,471.69	0	1,127.56	0	796.80	0	452.40	0	107.87	0		0		0		0	
1/4	1,809.08	1/4	1,464.52	1/4	1,120.52	1/4	789.77	1/4	445.22	1/4	100.70	1/4		1/4		1/4		1/4	
1/2	1,801.90	1/2	1,457.34	1/2	1,113.62	1/2	782.59	1/2	438.04	1/2	93.54	1/2		1/2		1/2		1/2	
3/4	1,794.72	3/4	1,450.16	3/4	1,106.73	3/4	775.41	3/4	430.87	3/4	86.39	3/4		3/4		3/4		3/4	
1	1,787.54	1	1,442.98	1	1,099.83	1	768.24	1	423.69	1	79.23	1		1		1		1	
1/4	1,780.37	1/4	1,435.80	1/4	1,092.94	1/4	761.06	1/4	416.51	1/4	72.08	1/4		1/4		1/4		1/4	
1/2	1,773.19	1/2	1,428.62	1/2	1,086.05	1/2	753.88	1/2	409.33	1/2	65.36	1/2		1/2		1/2		1/2	
3/4	1,766.01	3/4	1,421.45	3/4	1,079.16	3/4	746.70	3/4	402.15	3/4	58.65	3/4		3/4		3/4		3/4	
2	1,758.83	2	1,414.27	2	1,072.27	2	739.52	2	394.97	2	51.94	2		2		2		2	
1/4	1,751.65	1/4	1,407.09	1/4	1,065.38	1/4	732.35	1/4	387.80	1/4	45.23	1/4		1/4		1/4		1/4	
1/2	1,744.47	1/2	1,399.91	1/2	1,058.50	1/2	725.17	1/2	380.62	1/2	39.85	1/2		1/2		1/2		1/2	
3/4	1,737.30	3/4	1,392.73	3/4	1,051.62	3/4	717.99	3/4	373.44	3/4	34.46	3/4		3/4		3/4		3/4	
3	1,730.12	3	1,385.55	3	1,044.74	3	710.81	3	366.26	3	29.08	3		3		3		3	
1/4	1,722.94	1/4	1,378.38	1/4	1,037.86	1/4	703.63	1/4	359.08	1/4	23.69	1/4		1/4		1/4		1/4	
1/2	1,715.76	1/2	1,371.20	1/2	1,030.98	1/2	696.45	1/2	351.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,708.58	3/4	1,364.02	3/4	1,024.10	3/4	689.28	3/4	344.73	3/4		3/4		3/4		3/4		3/4	
4	1,701.40	4	1,356.84	4	1,017.23	4	682.10	4	337.55	4		4		4		4		4	
1/4	1,694.23	1/4	1,349.66	1/4	1,010.35	1/4	674.92	1/4	330.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,687.05	1/2	1,342.48	1/2	1,003.47	1/2	667.74	1/2	323.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,679.87	3/4	1,335.31	3/4	996.60	3/4	660.56	3/4	316.02	3/4		3/4		3/4		3/4		3/4	
5	1,672.69	5	1,328.13	5	989.73	5	653.39	5	308.84	5		5		5		5		5	
1/4	1,665.51	1/4	1,320.95	1/4	982.85	1/4	646.21	1/4	301.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,658.33	1/2	1,313.77	1/2	975.98	1/2	639.03	1/2	294.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,651.15	3/4	1,306.59	3/4	969.10	3/4	631.85	3/4	287.30	3/4		3/4		3/4		3/4		3/4	
6	1,643.98	6	1,299.41	6	962.23	6	624.67	6	280.12	6		6		6		6		6	
1/4	1,636.80	1/4	1,292.23	1/4	955.36	1/4	617.50	1/4	272.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,629.62	1/2	1,285.06	1/2	948.48	1/2	610.32	1/2	265.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,622.44	3/4	1,277.88	3/4	941.61	3/4	603.14	3/4	258.59	3/4		3/4		3/4		3/4		3/4	
7	1,615.26	7	1,270.70	7	934.73	7	595.96	7	251.41	7		7		7		7		7	
1/4	1,608.08	1/4	1,263.52	1/4	927.86	1/4	588.78	1/4	244.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,600.91	1/2	1,256.34	1/2	920.99	1/2	581.61	1/2	237.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,593.73	3/4	1,249.16	3/4	914.11	3/4	574.43	3/4	229.88	3/4		3/4		3/4		3/4		3/4	
8	1,586.55	8	1,241.99	8	907.24	8	567.25	8	222.70	8		8		8		8		8	
1/4	1,579.37	1/4	1,234.81	1/4	900.36	1/4	560.07	1/4	215.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,572.19	1/2	1,227.63	1/2	893.49	1/2	552.89	1/2	208.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,565.01	3/4	1,220.45	3/4	886.62	3/4	545.71	3/4	201.17	3/4		3/4		3/4		3/4		3/4	
9	1,557.84	9	1,213.27	9	879.74	9	538.54	9	193.99	9		9		9		9		9	
1/4	1,550.66	1/4	1,206.09	1/4	872.87	1/4	531.36	1/4	186.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,543.48	1/2	1,198.92	1/2	865.99	1/2	524.18	1/2	179.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,536.30	3/4	1,191.74	3/4	859.12	3/4	517.00	3/4	172.45	3/4		3/4		3/4		3/4		3/4	
10	1,529.12	10	1,184.56	10	852.24	10	509.82	10	165.28	10		10		10		10		10	
1/4	1,521.94	1/4	1,177.38	1/4	845.37	1/4	502.65	1/4	158.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,514.77	1/2	1,170.20	1/2	838.50	1/2	495.47	1/2	150.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,507.59	3/4	1,163.02	3/4	831.62	3/4	488.29	3/4	143.74	3/4		3/4		3/4		3/4		3/4	
11	1,500.41	11	1,155.85	11	824.75	11	481.11	11	136.56	11		11		11		11		11	
1/4	1,493.23	1/4	1,148.67	1/4	817.87	1/4	473.93	1/4	129.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,486.05	1/2	1,141.63	1/2	810.85	1/2	466.76	1/2	122.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,478.87	3/4	1,134.59	3/4	803.82	3/4	459.58	3/4	115.04	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 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 ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	4,566.41	0	4,248.83	0	3,911.29	0	3,566.92	0	3,222.56	0	2,878.19	0	2,533.65	0	2,189.09
1/4	1/4	1/4	4,560.01	1/4	4,560.01	1/4	4,242.00	1/4	3,904.12	1/4	3,559.75	1/4	3,215.38	1/4	2,871.02	1/4	2,526.47	1/4	2,181.91
1/2	1/2	1/2	4,553.62	1/2	4,553.62	1/2	4,235.17	1/2	3,896.94	1/2	3,552.58	1/2	3,208.21	1/2	2,863.85	1/2	2,519.29	1/2	2,174.73
3/4	3/4	3/4	4,547.22	3/4	4,547.22	3/4	4,228.34	3/4	3,889.77	3/4	3,545.40	3/4	3,201.04	3/4	2,856.68	3/4	2,512.12	3/4	2,167.55
1	1	1	4,540.79	1	4,540.79	1	4,221.47	1	3,882.59	1	3,538.23	1	3,193.86	1	2,849.50	1	2,504.94	1	2,160.37
1/4	1/4	1/4	4,849.26	1/4	4,534.36	1/4	4,214.59	1/4	3,875.42	1/4	3,531.05	1/4	3,186.69	1/4	2,842.32	1/4	2,497.76	1/4	2,153.20
1/2	1/2	1/2	4,843.58	1/2	4,527.93	1/2	4,207.72	1/2	3,868.25	1/2	3,523.88	1/2	3,179.51	1/2	2,835.14	1/2	2,490.58	1/2	2,146.02
3/4	3/4	3/4	4,837.90	3/4	4,521.51	3/4	4,200.84	3/4	3,861.07	3/4	3,516.70	3/4	3,172.34	3/4	2,827.97	3/4	2,483.40	3/4	2,138.84
2	2	2	4,831.14	2	4,515.03	2	4,193.93	2	3,853.90	2	3,509.53	2	3,165.16	2	2,820.79	2	2,476.22	2	2,131.66
1/4	1/4	1/4	4,824.38	1/4	4,508.55	1/4	4,187.01	1/4	3,846.72	1/4	3,502.36	1/4	3,157.99	1/4	2,813.61	1/4	2,469.05	1/4	2,124.48
1/2	1/2	1/2	4,817.62	1/2	4,502.07	1/2	4,180.09	1/2	3,839.55	1/2	3,495.18	1/2	3,150.82	1/2	2,806.43	1/2	2,461.87	1/2	2,117.30
3/4	3/4	3/4	4,810.86	3/4	4,495.59	3/4	4,173.18	3/4	3,832.37	3/4	3,488.01	3/4	3,143.64	3/4	2,799.25	3/4	2,454.69	3/4	2,110.13
3	3	3	4,803.75	3	4,489.06	3	4,166.23	3	3,825.20	3	3,480.83	3	3,136.47	3	2,792.07	3	2,447.51	3	2,102.95
1/4	1/4	1/4	4,796.63	1/4	4,482.52	1/4	4,159.28	1/4	3,818.03	1/4	3,473.66	1/4	3,129.29	1/4	2,784.90	1/4	2,440.33	1/4	2,095.77
1/2	1/2	1/2	4,789.51	1/2	4,475.99	1/2	4,152.33	1/2	3,810.85	1/2	3,466.48	1/2	3,122.12	1/2	2,777.72	1/2	2,433.15	1/2	2,088.59
3/4	3/4	3/4	4,782.39	3/4	4,469.46	3/4	4,145.38	3/4	3,803.68	3/4	3,459.31	3/4	3,114.94	3/4	2,770.54	3/4	2,425.98	3/4	2,081.41
4	4	4	4,775.28	4	4,462.89	4	4,138.40	4	3,796.50	4	3,452.14	4	3,107.77	4	2,763.36	4	2,418.80	4	2,074.23
1/4	1/4	1/4	4,768.16	1/4	4,456.33	1/4	4,131.42	1/4	3,789.33	1/4	3,444.96	1/4	3,100.60	1/4	2,756.18	1/4	2,411.62	1/4	2,067.06
1/2	1/2	1/2	4,761.04	1/2	4,449.76	1/2	4,124.44	1/2	3,782.15	1/2	3,437.79	1/2	3,093.42	1/2	2,749.00	1/2	2,404.44	1/2	2,059.88
3/4	3/4	3/4	4,753.93	3/4	4,443.19	3/4	4,117.46	3/4	3,774.98	3/4	3,430.61	3/4	3,086.25	3/4	2,741.83	3/4	2,397.26	3/4	2,052.70
5	5	5	4,746.81	5	4,436.59	5	4,110.45	5	3,767.81	5	3,423.44	5	3,079.07	5	2,734.65	5	2,390.08	5	2,045.52
1/4	1/4	1/4	4,739.69	1/4	4,429.99	1/4	4,103.43	1/4	3,760.63	1/4	3,416.26	1/4	3,071.90	1/4	2,727.47	1/4	2,382.91	1/4	2,038.34
1/2	1/2	1/2	4,732.58	1/2	4,423.38	1/2	4,096.42	1/2	3,753.46	1/2	3,409.09	1/2	3,064.72	1/2	2,720.29	1/2	2,375.73	1/2	2,031.16
3/4	3/4	3/4	4,725.46	3/4	4,416.78	3/4	4,089.41	3/4	3,746.28	3/4	3,401.92	3/4	3,057.55	3/4	2,713.11	3/4	2,368.55	3/4	2,023.99
6	6	6	4,718.79	6	4,410.15	6	4,082.36	6	3,739.11	6	3,394.74	6	3,050.38	6	2,705.93	6	2,361.37	6	2,016.81
1/4	1/4	1/4	4,712.12	1/4	4,403.51	1/4	4,075.31	1/4	3,731.93	1/4	3,387.57	1/4	3,043.20	1/4	2,698.75	1/4	2,354.19	1/4	2,009.63
1/2	1/2	1/2	4,705.46	1/2	4,396.88	1/2	4,068.27	1/2	3,724.76	1/2	3,380.39	1/2	3,036.03	1/2	2,691.58	1/2	2,347.01	1/2	2,002.45
3/4	3/4	3/4	4,698.79	3/4	4,390.24	3/4	4,061.22	3/4	3,717.59	3/4	3,373.22	3/4	3,028.85	3/4	2,684.40	3/4	2,339.83	3/4	1,995.27
7	7	7	4,692.55	7	4,383.58	7	4,054.13	7	3,710.41	7	3,366.04	7	3,021.68	7	2,677.22	7	2,332.66	7	1,988.09
1/4	1/4	1/4	4,686.32	1/4	4,376.91	1/4	4,047.05	1/4	3,703.24	1/4	3,358.87	1/4	3,014.50	1/4	2,670.04	1/4	2,325.48	1/4	1,980.91
1/2	1/2	1/2	4,680.08	1/2	4,370.25	1/2	4,039.97	1/2	3,696.06	1/2	3,351.70	1/2	3,007.33	1/2	2,662.86	1/2	2,318.30	1/2	1,973.74
3/4	3/4	3/4	4,673.85	3/4	4,363.58	3/4	4,032.88	3/4	3,688.89	3/4	3,344.52	3/4	3,000.16	3/4	2,655.68	3/4	2,311.12	3/4	1,966.56
8	8	8	4,667.59	8	4,356.88	8	4,025.77	8	3,681.71	8	3,337.35	8	2,992.98	8	2,648.51	8	2,303.94	8	1,959.38
1/4	1/4	1/4	4,661.32	1/4	4,350.18	1/4	4,018.65	1/4	3,674.54	1/4	3,330.17	1/4	2,985.81	1/4	2,641.33	1/4	2,296.76	1/4	1,952.20
1/2	1/2	1/2	4,655.06	1/2	4,343.49	1/2	4,011.54	1/2	3,667.37	1/2	3,323.00	1/2	2,978.63	1/2	2,634.15	1/2	2,289.59	1/2	1,945.02
3/4	3/4	3/4	4,648.79	3/4	4,336.79	3/4	4,004.42	3/4	3,660.19	3/4	3,315.82	3/4	2,971.46	3/4	2,626.97	3/4	2,282.41	3/4	1,937.84
9	9	9	4,642.50	9	4,330.06	9	3,997.28	9	3,653.02	9	3,308.65	9	2,964.28	9	2,619.79	9	2,275.23	9	1,930.67
1/4	1/4	1/4	4,636.20	1/4	4,323.33	1/4	3,990.13	1/4	3,645.84	1/4	3,301.48	1/4	2,957.11	1/4	2,612.61	1/4	2,268.05	1/4	1,923.49
1/2	1/2	1/2	4,629.90	1/2	4,316.60	1/2	3,982.98	1/2	3,638.67	1/2	3,294.30	1/2	2,949.94	1/2	2,605.44	1/2	2,260.87	1/2	1,916.31
3/4	3/4	3/4	4,623.60	3/4	4,309.87	3/4	3,975.84	3/4	3,631.49	3/4	3,287.13	3/4	2,942.76	3/4	2,598.26	3/4	2,253.69	3/4	1,909.13
10	10	10	4,617.27	10	4,303.11	10	3,968.67	10	3,624.32	10	3,279.95	10	2,935.59	10	2,591.08	10	2,246.52	10	1,901.95
1/4	1/4	1/4	4,610.93	1/4	4,296.35	1/4	3,961.50	1/4	3,617.15	1/4	3,272.78	1/4	2,928.41	1/4	2,583.90	1/4	2,239.34	1/4	1,894.77
1/2	1/2	1/2	4,604.60	1/2	4,289.59	1/2	3,954.33	1/2	3,609.97	1/2	3,265.60	1/2	2,921.24	1/2	2,576.72	1/2	2,232.16	1/2	1,887.60
3/4	3/4	3/4	4,598.27	3/4	4,282.83	3/4	3,947.16	3/4	3,602.80	3/4	3,258.43	3/4	2,914.06	3/4	2,569.54	3/4	2,224.98	3/4	1,880.42
11	11	11	4,591.90	11	4,276.04	11	3,939.99	11	3,595.62	11	3,251.26	11	2,906.89	11	2,562.37	11	2,217.80	11	1,873.24
1/4	1/4	1/4	4,585.54	1/4	4,269.24	1/4	3,932.81	1/4	3,588.45	1/4	3,244.08	1/4	2,899.71	1/4	2,555.19	1/4	2,210.62	1/4	1,866.06
1/2	1/2	1/2	4,579.17	1/2	4,262.45	1/2	3,925.64	1/2	3,581.27	1/2	3,236.91	1/2	2,892.54	1/2	2,548.01	1/2	2,203.45	1/2	1,858.88
3/4	3/4	3/4	4,572.81	3/4	4,255.66	3/4	3,918.47	3/4	3,574.10	3/4	3,229.73	3/4	2,885.37	3/4	2,540.83	3/4	2,196.27	3/4	1,851.70

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN 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 ULLAGE 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	1,844.53	0	1,499.96	0	1,155.40	0	811.28	0	466.75	0	122.21	0		0		0		0	
1/4	1,837.35	1/4	1,492.78	1/4	1,148.22	1/4	804.11	1/4	459.57	1/4	115.04	1/4		1/4		1/4		1/4	
1/2	1,830.17	1/2	1,485.61	1/2	1,141.04	1/2	796.94	1/2	452.39	1/2	107.86	1/2		1/2		1/2		1/2	
3/4	1,822.99	3/4	1,478.43	3/4	1,133.86	3/4	789.76	3/4	445.22	3/4	100.69	3/4		3/4		3/4		3/4	
1	1,815.81	1	1,471.25	1	1,126.69	1	782.59	1	438.04	1	93.54	1		1		1		1	
1/4	1,808.63	1/4	1,464.07	1/4	1,119.51	1/4	775.41	1/4	430.86	1/4	86.38	1/4		1/4		1/4		1/4	
1/2	1,801.45	1/2	1,456.89	1/2	1,112.33	1/2	768.23	1/2	423.68	1/2	79.23	1/2		1/2		1/2		1/2	
3/4	1,794.28	3/4	1,449.71	3/4	1,105.15	3/4	761.05	3/4	416.50	3/4	72.07	3/4		3/4		3/4		3/4	
2	1,787.10	2	1,442.53	2	1,097.97	2	753.87	2	409.32	2	65.36	2		2		2		2	
1/4	1,779.92	1/4	1,435.36	1/4	1,090.80	1/4	746.70	1/4	402.15	1/4	58.65	1/4		1/4		1/4		1/4	
1/2	1,772.74	1/2	1,428.18	1/2	1,083.62	1/2	739.52	1/2	394.97	1/2	51.94	1/2		1/2		1/2		1/2	
3/4	1,765.56	3/4	1,421.00	3/4	1,076.45	3/4	732.34	3/4	387.79	3/4	45.22	3/4		3/4		3/4		3/4	
3	1,758.38	3	1,413.82	3	1,069.28	3	725.16	3	380.61	3	39.84	3		3		3		3	
1/4	1,751.21	1/4	1,406.64	1/4	1,062.10	1/4	717.98	1/4	373.43	1/4	34.46	1/4		1/4		1/4		1/4	
1/2	1,744.03	1/2	1,399.46	1/2	1,054.93	1/2	710.80	1/2	366.26	1/2	29.08	1/2		1/2		1/2		1/2	
3/4	1,736.85	3/4	1,392.29	3/4	1,047.76	3/4	703.63	3/4	359.08	3/4	23.69	3/4		3/4		3/4		3/4	
4	1,729.67	4	1,385.11	4	1,040.59	4	696.45	4	351.90	4		4		4		4		4	
1/4	1,722.49	1/4	1,377.93	1/4	1,033.42	1/4	689.27	1/4	344.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,715.31	1/2	1,370.75	1/2	1,026.25	1/2	682.09	1/2	337.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,708.14	3/4	1,363.57	3/4	1,019.08	3/4	674.91	3/4	330.37	3/4		3/4		3/4		3/4		3/4	
5	1,700.96	5	1,356.39	5	1,011.92	5	667.74	5	323.19	5		5		5		5		5	
1/4	1,693.78	1/4	1,349.22	1/4	1,004.75	1/4	660.56	1/4	316.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,686.60	1/2	1,342.04	1/2	997.59	1/2	653.38	1/2	308.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,679.42	3/4	1,334.86	3/4	990.42	3/4	646.20	3/4	301.65	3/4		3/4		3/4		3/4		3/4	
6	1,672.24	6	1,327.68	6	983.26	6	639.02	6	294.48	6		6		6		6		6	
1/4	1,665.07	1/4	1,320.50	1/4	976.09	1/4	631.85	1/4	287.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,657.89	1/2	1,313.32	1/2	968.92	1/2	624.67	1/2	280.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,650.71	3/4	1,306.15	3/4	961.76	3/4	617.49	3/4	272.94	3/4		3/4		3/4		3/4		3/4	
7	1,643.53	7	1,298.97	7	954.59	7	610.31	7	265.76	7		7		7		7		7	
1/4	1,636.35	1/4	1,291.79	1/4	947.43	1/4	603.13	1/4	258.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,629.17	1/2	1,284.61	1/2	940.26	1/2	595.96	1/2	251.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,621.99	3/4	1,277.43	3/4	933.10	3/4	588.78	3/4	244.23	3/4		3/4		3/4		3/4		3/4	
8	1,614.82	8	1,270.25	8	925.93	8	581.60	8	237.05	8		8		8		8		8	
1/4	1,607.64	1/4	1,263.07	1/4	918.77	1/4	574.42	1/4	229.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,600.46	1/2	1,255.90	1/2	911.60	1/2	567.24	1/2	222.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,593.28	3/4	1,248.72	3/4	904.44	3/4	560.06	3/4	215.52	3/4		3/4		3/4		3/4		3/4	
9	1,586.10	9	1,241.54	9	897.27	9	552.89	9	208.34	9		9		9		9		9	
1/4	1,578.92	1/4	1,234.36	1/4	890.10	1/4	545.71	1/4	201.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,571.75	1/2	1,227.18	1/2	882.94	1/2	538.53	1/2	193.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,564.57	3/4	1,220.00	3/4	875.77	3/4	531.35	3/4	186.80	3/4		3/4		3/4		3/4		3/4	
10	1,557.39	10	1,212.83	10	868.61	10	524.17	10	179.63	10		10		10		10		10	
1/4	1,550.21	1/4	1,205.65	1/4	861.44	1/4	517.00	1/4	172.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,543.03	1/2	1,198.47	1/2	854.28	1/2	509.82	1/2	165.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,535.85	3/4	1,191.29	3/4	847.11	3/4	502.64	3/4	158.09	3/4		3/4		3/4		3/4		3/4	
11	1,528.68	11	1,184.11	11	839.95	11	495.46	11	150.91	11		11		11		11		11	
1/4	1,521.50	1/4	1,176.93	1/4	832.78	1/4	488.28	1/4	143.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,514.32	1/2	1,169.76	1/2	825.62	1/2	481.11	1/2	136.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,507.14	3/4	1,162.58	3/4	818.45	3/4	473.93	3/4	129.38	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 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 ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	4,650.12	0	4,420.11	0	4,185.88	0	3,937.64	0	3,685.81	0	3,343.90	0	2,980.48	0	2,616.83	0	2,254.42
1/4		1/4	4,646.44	1/4	4,415.41	1/4	4,180.85	1/4	3,932.39	1/4	3,680.57	1/4	3,336.35	1/4	2,972.90	1/4	2,609.25	1/4	2,246.90
1/2		1/2	4,641.61	1/2	4,410.66	1/2	4,175.79	1/2	3,927.14	1/2	3,675.32	1/2	3,328.79	1/2	2,965.33	1/2	2,601.67	1/2	2,239.38
3/4		3/4	4,636.78	3/4	4,405.92	3/4	4,170.73	3/4	3,921.90	3/4	3,670.08	3/4	3,321.23	3/4	2,957.75	3/4	2,594.08	3/4	2,231.86
1		1	4,631.96	1	4,401.18	1	4,165.67	1	3,916.65	1	3,664.83	1	3,313.67	1	2,950.18	1	2,586.50	1	2,224.34
1/4		1/4	4,627.13	1/4	4,396.44	1/4	4,160.62	1/4	3,911.41	1/4	3,659.58	1/4	3,306.11	1/4	2,942.60	1/4	2,578.92	1/4	2,216.82
1/2		1/2	4,621.92	1/2	4,391.67	1/2	4,155.54	1/2	3,906.16	1/2	3,653.75	1/2	3,298.53	1/2	2,935.03	1/2	2,571.34	1/2	2,209.30
3/4		3/4	4,616.72	3/4	4,386.89	3/4	4,150.45	3/4	3,900.91	3/4	3,647.92	3/4	3,290.96	3/4	2,927.45	3/4	2,563.76	3/4	2,201.78
2		2	4,611.51	2	4,382.11	2	4,145.37	2	3,895.67	2	3,642.08	2	3,283.39	2	2,919.88	2	2,556.17	2	2,194.26
1/4		1/4	4,606.30	1/4	4,377.33	1/4	4,140.29	1/4	3,890.42	1/4	3,636.25	1/4	3,275.82	1/4	2,912.30	1/4	2,548.59	1/4	2,186.74
1/2		1/2	4,601.10	1/2	4,372.53	1/2	4,135.19	1/2	3,885.17	1/2	3,629.26	1/2	3,268.24	1/2	2,904.73	1/2	2,541.03	1/2	2,179.22
3/4		3/4	4,595.89	3/4	4,367.72	3/4	4,130.08	3/4	3,879.93	3/4	3,622.27	3/4	3,260.67	3/4	2,897.15	3/4	2,533.46	3/4	2,171.70
3		3	4,590.68	3	4,362.92	3	4,124.98	3	3,874.68	3	3,615.28	3	3,253.10	3	2,889.58	3	2,525.90	3	2,164.18
1/4		1/4	4,585.47	1/4	4,358.12	1/4	4,119.87	1/4	3,869.43	1/4	3,608.29	1/4	3,245.53	1/4	2,882.00	1/4	2,518.34	1/4	2,156.66
1/2		1/2	4,580.27	1/2	4,353.29	1/2	4,114.74	1/2	3,864.19	1/2	3,600.72	1/2	3,237.95	1/2	2,874.43	1/2	2,510.79	1/2	2,149.14
3/4		3/4	4,575.06	3/4	4,348.46	3/4	4,109.62	3/4	3,858.94	3/4	3,593.16	3/4	3,230.38	3/4	2,866.85	3/4	2,503.25	3/4	2,141.62
4		4	4,569.85	4	4,343.63	4	4,104.49	4	3,853.70	4	3,585.59	4	3,222.81	4	2,859.27	4	2,495.71	4	2,134.11
1/4		1/4	4,564.65	1/4	4,338.80	1/4	4,099.36	1/4	3,848.45	1/4	3,578.03	1/4	3,215.24	1/4	2,851.70	1/4	2,488.16	1/4	2,126.59
1/2		1/2	4,559.77	1/2	4,333.95	1/2	4,094.21	1/2	3,843.20	1/2	3,570.47	1/2	3,207.66	1/2	2,844.12	1/2	2,480.62	1/2	2,119.07
3/4		3/4	4,554.89	3/4	4,329.09	3/4	4,089.05	3/4	3,837.96	3/4	3,562.92	3/4	3,200.09	3/4	2,836.55	3/4	2,473.07	3/4	2,111.55
5		5	4,550.01	5	4,324.24	5	4,083.90	5	3,832.71	5	3,555.36	5	3,192.52	5	2,828.97	5	2,465.53	5	2,104.03
1/4		1/4	4,545.13	1/4	4,319.39	1/4	4,078.75	1/4	3,827.46	1/4	3,547.80	1/4	3,184.95	1/4	2,821.40	1/4	2,457.99	1/4	2,096.51
1/2		1/2	4,540.57	1/2	4,314.51	1/2	4,073.57	1/2	3,822.22	1/2	3,540.25	1/2	3,177.37	1/2	2,813.82	1/2	2,450.44	1/2	2,088.99
3/4		3/4	4,536.01	3/4	4,309.63	3/4	4,068.39	3/4	3,816.97	3/4	3,532.70	3/4	3,169.80	3/4	2,806.25	3/4	2,442.90	3/4	2,081.47
6		6	4,531.44	6	4,304.76	6	4,063.21	6	3,811.73	6	3,525.15	6	3,162.23	6	2,798.67	6	2,435.35	6	2,073.95
1/4		1/4	4,526.88	1/4	4,299.88	1/4	4,058.03	1/4	3,806.48	1/4	3,517.60	1/4	3,154.66	1/4	2,791.10	1/4	2,427.81	1/4	2,066.43
1/2		1/2	4,522.30	1/2	4,294.98	1/2	4,052.82	1/2	3,801.23	1/2	3,510.04	1/2	3,147.08	1/2	2,783.52	1/2	2,420.27	1/2	2,058.91
3/4		3/4	4,517.72	3/4	4,290.08	3/4	4,047.62	3/4	3,795.99	3/4	3,502.49	3/4	3,139.51	3/4	2,775.95	3/4	2,412.72	3/4	2,051.39
7		7	4,513.13	7	4,285.19	7	4,042.42	7	3,790.74	7	3,494.94	7	3,131.94	7	2,768.37	7	2,405.18	7	2,043.87
1/4		1/4	4,508.55	1/4	4,280.29	1/4	4,037.22	1/4	3,785.49	1/4	3,487.39	1/4	3,124.37	1/4	2,760.80	1/4	2,397.63	1/4	2,036.35
1/2		1/2	4,503.94	1/2	4,275.36	1/2	4,031.99	1/2	3,780.25	1/2	3,479.84	1/2	3,116.79	1/2	2,753.22	1/2	2,390.09	1/2	2,028.83
3/4		3/4	4,499.33	3/4	4,270.44	3/4	4,026.76	3/4	3,775.00	3/4	3,472.29	3/4	3,109.22	3/4	2,745.65	3/4	2,382.55	3/4	2,021.31
8		8	4,494.72	8	4,265.52	8	4,021.54	8	3,769.75	8	3,464.73	8	3,101.65	8	2,738.07	8	2,375.00	8	2,013.79
1/4		1/4	4,490.11	1/4	4,260.60	1/4	4,016.31	1/4	3,764.51	1/4	3,457.18	1/4	3,094.08	1/4	2,730.50	1/4	2,367.46	1/4	2,006.27
1/2		1/2	4,485.48	1/2	4,255.65	1/2	4,011.07	1/2	3,759.26	1/2	3,449.63	1/2	3,086.50	1/2	2,722.92	1/2	2,359.91	1/2	1,998.75
3/4		3/4	4,480.84	3/4	4,250.71	3/4	4,005.83	3/4	3,754.02	3/4	3,442.08	3/4	3,078.93	3/4	2,715.35	3/4	2,352.37	3/4	1,991.23
9		9	4,476.21	9	4,245.76	9	4,000.59	9	3,748.77	9	3,434.53	9	3,071.36	9	2,707.77	9	2,344.83	9	1,983.71
1/4		1/4	4,471.58	1/4	4,240.82	1/4	3,995.35	1/4	3,743.52	1/4	3,426.97	1/4	3,063.79	1/4	2,700.20	1/4	2,337.28	1/4	1,976.19
1/2		1/2	4,466.92	1/2	4,235.85	1/2	3,990.10	1/2	3,738.28	1/2	3,419.42	1/2	3,056.21	1/2	2,692.62	1/2	2,329.74	1/2	1,968.67
3/4		3/4	4,462.26	3/4	4,230.88	3/4	3,984.85	3/4	3,733.03	3/4	3,411.87	3/4	3,048.64	3/4	2,685.04	3/4	2,322.19	3/4	1,961.15
10		10	4,457.60	10	4,225.91	10	3,979.61	10	3,727.78	10	3,404.32	10	3,041.07	10	2,677.47	10	2,314.65	10	1,953.63
1/4		1/4	4,452.94	1/4	4,220.94	1/4	3,974.36	1/4	3,722.54	1/4	3,396.77	1/4	3,033.50	1/4	2,669.89	1/4	2,307.11	1/4	1,946.12
1/2		1/2	4,448.26	1/2	4,215.95	1/2	3,969.11	1/2	3,717.29	1/2	3,389.22	1/2	3,025.92	1/2	2,662.32	1/2	2,299.57	1/2	1,938.56
3/4		3/4	4,443.58	3/4	4,210.95	3/4	3,963.87	3/4	3,712.05	3/4	3,381.66	3/4	3,018.35	3/4	2,654.74	3/4	2,292.04	3/4	1,931.01
11		11	4,438.90	11	4,205.96	11	3,958.62	11	3,706.80	11	3,374.11	11	3,010.78	11	2,647.16	11	2,284.51	11	1,923.46
1/4		1/4	4,434.22	1/4	4,200.96	1/4	3,953.38	1/4	3,701.55	1/4	3,366.56	1/4	3,003.20	1/4	2,639.58	1/4	2,276.98	1/4	1,915.91
1/2		1/2	4,429.52	1/2	4,195.93	1/2	3,948.13	1/2	3,696.31	1/2	3,359.01	1/2	2,995.63	1/2	2,632.00	1/2	2,269.46	1/2	1,908.33
3/4		3/4	4,424.81	3/4	4,190.91	3/4	3,942.88	3/4	3,691.06	3/4	3,351.46	3/4	2,988.05	3/4	2,624.41	3/4	2,261.94	3/4	1,900.75

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "CTCo 337"

3 PORT ULLAGE 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	1,893.17	0	1,529.21	0	1,166.30	0	812.08	0	447.92	0	83.84	0		0		0		0	
1/4	1,885.58	1/4	1,521.62	1/4	1,158.92	1/4	804.49	1/4	440.34	1/4	76.27	1/4		1/4		1/4		1/4	
1/2	1,878.00	1/2	1,514.04	1/2	1,151.56	1/2	796.90	1/2	432.75	1/2	69.17	1/2		1/2		1/2		1/2	
3/4	1,870.42	3/4	1,506.46	3/4	1,144.19	3/4	789.32	3/4	425.17	3/4	62.06	3/4		3/4		3/4		3/4	
1	1,862.84	1	1,498.88	1	1,136.83	1	781.73	1	417.58	1	54.96	1		1		1		1	
1/4	1,855.25	1/4	1,491.29	1/4	1,129.46	1/4	774.14	1/4	410.00	1/4	47.85	1/4		1/4		1/4		1/4	
1/2	1,847.67	1/2	1,483.71	1/2	1,122.10	1/2	766.56	1/2	402.41	1/2	42.16	1/2		1/2		1/2		1/2	
3/4	1,840.09	3/4	1,476.13	3/4	1,114.74	3/4	758.97	3/4	394.82	3/4	36.46	3/4		3/4		3/4		3/4	
2	1,832.51	2	1,468.55	2	1,107.38	2	751.38	2	387.24	2	30.76	2		2		2		2	
1/4	1,824.92	1/4	1,460.96	1/4	1,100.02	1/4	743.80	1/4	379.65	1/4	25.06	1/4		1/4		1/4		1/4	
1/2	1,817.34	1/2	1,453.38	1/2	1,092.66	1/2	736.21	1/2	372.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,809.76	3/4	1,445.80	3/4	1,085.30	3/4	728.62	3/4	364.48	3/4		3/4		3/4		3/4		3/4	
3	1,802.18	3	1,438.22	3	1,077.95	3	721.04	3	356.90	3		3		3		3		3	
1/4	1,794.59	1/4	1,430.63	1/4	1,070.59	1/4	713.45	1/4	349.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,787.01	1/2	1,423.05	1/2	1,063.24	1/2	705.86	1/2	341.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,779.43	3/4	1,415.47	3/4	1,055.89	3/4	698.28	3/4	334.14	3/4		3/4		3/4		3/4		3/4	
4	1,771.85	4	1,407.89	4	1,048.53	4	690.69	4	326.56	4		4		4		4		4	
1/4	1,764.26	1/4	1,400.30	1/4	1,041.18	1/4	683.10	1/4	318.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,756.68	1/2	1,392.72	1/2	1,033.83	1/2	675.52	1/2	311.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,749.10	3/4	1,385.14	3/4	1,026.47	3/4	667.93	3/4	303.80	3/4		3/4		3/4		3/4		3/4	
5	1,741.52	5	1,377.56	5	1,019.12	5	660.34	5	296.21	5		5		5		5		5	
1/4	1,733.93	1/4	1,369.97	1/4	1,011.77	1/4	652.76	1/4	288.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,726.35	1/2	1,362.39	1/2	1,004.42	1/2	645.17	1/2	281.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,718.77	3/4	1,354.81	3/4	997.06	3/4	637.58	3/4	273.46	3/4		3/4		3/4		3/4		3/4	
6	1,711.19	6	1,347.23	6	989.71	6	630.00	6	265.87	6		6		6		6		6	
1/4	1,703.60	1/4	1,339.64	1/4	982.36	1/4	622.41	1/4	258.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,696.02	1/2	1,332.06	1/2	975.00	1/2	614.82	1/2	250.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,688.44	3/4	1,324.48	3/4	967.65	3/4	607.24	3/4	243.12	3/4		3/4		3/4		3/4		3/4	
7	1,680.86	7	1,316.90	7	960.30	7	599.65	7	235.53	7		7		7		7		7	
1/4	1,673.27	1/4	1,309.31	1/4	952.95	1/4	592.06	1/4	227.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,665.69	1/2	1,301.73	1/2	945.59	1/2	584.48	1/2	220.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,658.11	3/4	1,294.15	3/4	938.24	3/4	576.89	3/4	212.77	3/4		3/4		3/4		3/4		3/4	
8	1,650.53	8	1,286.57	8	930.89	8	569.30	8	205.18	8		8		8		8		8	
1/4	1,642.94	1/4	1,278.98	1/4	923.54	1/4	561.71	1/4	197.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,635.36	1/2	1,271.40	1/2	916.18	1/2	554.13	1/2	190.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,627.78	3/4	1,263.82	3/4	908.83	3/4	546.54	3/4	182.42	3/4		3/4		3/4		3/4		3/4	
9	1,620.20	9	1,256.24	9	901.48	9	538.95	9	174.84	9		9		9		9		9	
1/4	1,612.61	1/4	1,248.65	1/4	894.12	1/4	531.37	1/4	167.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,605.03	1/2	1,241.07	1/2	886.77	1/2	523.78	1/2	159.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,597.45	3/4	1,233.49	3/4	879.42	3/4	516.19	3/4	152.07	3/4		3/4		3/4		3/4		3/4	
10	1,589.87	10	1,225.91	10	872.07	10	508.61	10	144.49	10		10		10		10		10	
1/4	1,582.28	1/4	1,218.32	1/4	864.71	1/4	501.02	1/4	136.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,574.70	1/2	1,210.85	1/2	857.24	1/2	493.44	1/2	129.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,567.12	3/4	1,203.37	3/4	849.77	3/4	485.85	3/4	121.73	3/4		3/4		3/4		3/4		3/4	
11	1,559.54	11	1,195.89	11	842.31	11	478.26	11	114.15	11		11		11		11		11	
1/4	1,551.95	1/4	1,188.41	1/4	834.84	1/4	470.68	1/4	106.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,544.37	1/2	1,181.04	1/2	827.25	1/2	463.09	1/2	98.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,536.79	3/4	1,173.67	3/4	819.66	3/4	455.51	3/4	91.42	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 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 ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	4,451.02	0	4,217.46	0	3,969.66	0	3,717.86	0	3,380.09	0	3,015.92	0	2,651.52	0	2,286.79
1/4	1/4	1/4	4,675.31	1/4	4,446.32	1/4	4,212.43	1/4	3,964.41	1/4	3,712.61	1/4	3,372.52	1/4	3,008.33	1/4	2,643.92	1/4	2,279.19
1/2	1/2	1/2	4,671.62	1/2	4,441.62	1/2	4,207.40	1/2	3,959.17	1/2	3,707.37	1/2	3,364.95	1/2	3,000.74	1/2	2,636.33	1/2	2,271.59
3/4	3/4	3/4	4,667.93	3/4	4,436.91	3/4	4,202.37	3/4	3,953.92	3/4	3,702.12	3/4	3,357.38	3/4	2,993.15	3/4	2,628.73	3/4	2,263.99
1	1	1	4,663.11	1	4,432.17	1	4,197.32	1	3,948.68	1	3,696.87	1	3,349.80	1	2,985.56	1	2,621.13	1	2,256.39
1/4	1/4	1/4	4,658.28	1/4	4,427.43	1/4	4,192.26	1/4	3,943.43	1/4	3,691.63	1/4	3,342.22	1/4	2,977.97	1/4	2,613.53	1/4	2,248.79
1/2	1/2	1/2	4,653.45	1/2	4,422.69	1/2	4,187.20	1/2	3,938.18	1/2	3,686.38	1/2	3,334.65	1/2	2,970.37	1/2	2,605.93	1/2	2,241.19
3/4	3/4	3/4	4,648.62	3/4	4,417.95	3/4	4,182.14	3/4	3,932.94	3/4	3,681.14	3/4	3,327.07	3/4	2,962.78	3/4	2,598.33	3/4	2,233.59
2	2	2	4,643.42	2	4,413.17	2	4,177.06	2	3,927.69	2	3,675.30	2	3,319.48	2	2,955.19	2	2,590.73	2	2,226.00
1/4	1/4	1/4	4,638.21	1/4	4,408.40	1/4	4,171.98	1/4	3,922.45	1/4	3,669.47	1/4	3,311.89	1/4	2,947.60	1/4	2,583.13	1/4	2,218.40
1/2	1/2	1/2	4,633.00	1/2	4,403.62	1/2	4,166.90	1/2	3,917.20	1/2	3,663.64	1/2	3,304.30	1/2	2,940.01	1/2	2,575.54	1/2	2,210.80
3/4	3/4	3/4	4,627.80	3/4	4,398.84	3/4	4,161.82	3/4	3,911.96	3/4	3,657.80	3/4	3,296.71	3/4	2,932.42	3/4	2,567.94	3/4	2,203.20
3	3	3	4,622.59	3	4,394.04	3	4,156.71	3	3,906.71	3	3,650.81	3	3,289.12	3	2,924.83	3	2,560.34	3	2,195.60
1/4	1/4	1/4	4,617.38	1/4	4,389.24	1/4	4,151.61	1/4	3,901.46	1/4	3,643.82	1/4	3,281.54	1/4	2,917.23	1/4	2,552.74	1/4	2,188.00
1/2	1/2	1/2	4,612.18	1/2	4,384.43	1/2	4,146.50	1/2	3,896.22	1/2	3,636.82	1/2	3,273.95	1/2	2,909.64	1/2	2,545.14	1/2	2,180.40
3/4	3/4	3/4	4,606.97	3/4	4,379.63	3/4	4,141.40	3/4	3,890.97	3/4	3,629.83	3/4	3,266.36	3/4	2,902.05	3/4	2,537.54	3/4	2,172.81
4	4	4	4,601.76	4	4,374.80	4	4,136.27	4	3,885.73	4	3,622.26	4	3,258.77	4	2,894.46	4	2,529.94	4	2,165.21
1/4	1/4	1/4	4,596.56	1/4	4,369.97	1/4	4,131.15	1/4	3,880.48	1/4	3,614.69	1/4	3,251.18	1/4	2,886.87	1/4	2,522.35	1/4	2,157.61
1/2	1/2	1/2	4,591.35	1/2	4,365.14	1/2	4,126.02	1/2	3,875.23	1/2	3,607.13	1/2	3,243.59	1/2	2,879.28	1/2	2,514.75	1/2	2,150.01
3/4	3/4	3/4	4,586.14	3/4	4,360.31	3/4	4,120.89	3/4	3,869.99	3/4	3,599.56	3/4	3,236.00	3/4	2,871.69	3/4	2,507.15	3/4	2,142.41
5	5	5	4,581.26	5	4,355.46	5	4,115.74	5	3,864.74	5	3,591.99	5	3,228.41	5	2,864.09	5	2,499.55	5	2,134.81
1/4	1/4	1/4	4,576.39	1/4	4,350.61	1/4	4,110.58	1/4	3,859.50	1/4	3,584.42	1/4	3,220.83	1/4	2,856.50	1/4	2,491.95	1/4	2,127.21
1/2	1/2	1/2	4,571.51	1/2	4,345.75	1/2	4,105.43	1/2	3,854.25	1/2	3,576.85	1/2	3,213.24	1/2	2,848.91	1/2	2,484.35	1/2	2,119.61
3/4	3/4	3/4	4,566.63	3/4	4,340.90	3/4	4,100.28	3/4	3,849.00	3/4	3,569.29	3/4	3,205.65	3/4	2,841.32	3/4	2,476.75	3/4	2,112.02
6	6	6	4,562.07	6	4,336.03	6	4,095.10	6	3,843.76	6	3,561.72	6	3,198.06	6	2,833.73	6	2,469.15	6	2,104.42
1/4	1/4	1/4	4,557.51	1/4	4,331.15	1/4	4,089.92	1/4	3,838.51	1/4	3,554.15	1/4	3,190.47	1/4	2,826.14	1/4	2,461.56	1/4	2,096.82
1/2	1/2	1/2	4,552.94	1/2	4,326.27	1/2	4,084.74	1/2	3,833.27	1/2	3,546.58	1/2	3,182.88	1/2	2,818.55	1/2	2,453.96	1/2	2,089.22
3/4	3/4	3/4	4,548.38	3/4	4,321.40	3/4	4,079.56	3/4	3,828.02	3/4	3,539.01	3/4	3,175.29	3/4	2,810.95	3/4	2,446.36	3/4	2,081.62
7	7	7	4,543.80	7	4,316.50	7	4,074.36	7	3,822.78	7	3,531.45	7	3,167.70	7	2,803.36	7	2,438.76	7	2,074.02
1/4	1/4	1/4	4,539.22	1/4	4,311.60	1/4	4,069.15	1/4	3,817.53	1/4	3,523.88	1/4	3,160.12	1/4	2,795.77	1/4	2,431.16	1/4	2,066.42
1/2	1/2	1/2	4,534.63	1/2	4,306.70	1/2	4,063.95	1/2	3,812.28	1/2	3,516.31	1/2	3,152.53	1/2	2,788.18	1/2	2,423.56	1/2	2,058.82
3/4	3/4	3/4	4,530.05	3/4	4,301.80	3/4	4,058.75	3/4	3,807.04	3/4	3,508.74	3/4	3,144.94	3/4	2,780.59	3/4	2,415.96	3/4	2,051.23
8	8	8	4,525.44	8	4,296.88	8	4,053.52	8	3,801.79	8	3,501.17	8	3,137.35	8	2,773.00	8	2,408.36	8	2,043.63
1/4	1/4	1/4	4,520.83	1/4	4,291.96	1/4	4,048.30	1/4	3,796.55	1/4	3,493.61	1/4	3,129.76	1/4	2,765.41	1/4	2,400.77	1/4	2,036.03
1/2	1/2	1/2	4,516.22	1/2	4,287.04	1/2	4,043.07	1/2	3,791.30	1/2	3,486.04	1/2	3,122.17	1/2	2,757.81	1/2	2,393.17	1/2	2,028.43
3/4	3/4	3/4	4,511.62	3/4	4,282.12	3/4	4,037.84	3/4	3,786.05	3/4	3,478.47	3/4	3,114.58	3/4	2,750.22	3/4	2,385.57	3/4	2,020.83
9	9	9	4,506.98	9	4,277.17	9	4,032.60	9	3,780.81	9	3,470.90	9	3,107.00	9	2,742.63	9	2,377.97	9	2,013.23
1/4	1/4	1/4	4,502.35	1/4	4,272.23	1/4	4,027.36	1/4	3,775.56	1/4	3,463.33	1/4	3,099.41	1/4	2,735.04	1/4	2,370.37	1/4	2,005.63
1/2	1/2	1/2	4,497.71	1/2	4,267.28	1/2	4,022.12	1/2	3,770.32	1/2	3,455.77	1/2	3,091.82	1/2	2,727.45	1/2	2,362.77	1/2	1,998.03
3/4	3/4	3/4	4,493.08	3/4	4,262.34	3/4	4,016.87	3/4	3,765.07	3/4	3,448.20	3/4	3,084.23	3/4	2,719.86	3/4	2,355.17	3/4	1,990.44
10	10	10	4,488.42	10	4,257.37	10	4,011.63	10	3,759.82	10	3,440.63	10	3,076.64	10	2,712.27	10	2,347.58	10	1,982.84
1/4	1/4	1/4	4,483.76	1/4	4,252.40	1/4	4,006.38	1/4	3,754.58	1/4	3,433.06	1/4	3,069.05	1/4	2,704.67	1/4	2,339.98	1/4	1,975.24
1/2	1/2	1/2	4,479.11	1/2	4,247.43	1/2	4,001.14	1/2	3,749.33	1/2	3,425.49	1/2	3,061.46	1/2	2,697.08	1/2	2,332.38	1/2	1,967.64
3/4	3/4	3/4	4,474.45	3/4	4,242.46	3/4	3,995.89	3/4	3,744.09	3/4	3,417.93	3/4	3,053.87	3/4	2,689.49	3/4	2,324.78	3/4	1,960.04
11	11	11	4,469.77	11	4,237.47	11	3,990.64	11	3,738.84	11	3,410.36	11	3,046.28	11	2,681.90	11	2,317.18	11	1,952.44
1/4	1/4	1/4	4,465.09	1/4	4,232.47	1/4	3,985.40	1/4	3,733.59	1/4	3,402.79	1/4	3,038.69	1/4	2,674.31	1/4	2,309.58	1/4	1,944.84
1/2	1/2	1/2	4,460.41	1/2	4,227.48	1/2	3,980.15	1/2	3,728.35	1/2	3,395.22	1/2	3,031.10	1/2	2,666.71	1/2	2,301.98	1/2	1,937.25
3/4	3/4	3/4	4,455.73	3/4	4,222.48	3/4	3,974.91	3/4	3,723.10	3/4	3,387.65	3/4	3,023.51	3/4	2,659.12	3/4	2,294.38	3/4	1,929.65

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN 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 ULLAGE 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	1,922.05	0	1,557.31	0	1,192.57	0	828.39	0	463.67	0	98.99	0		0		0		0	
1/4	1,914.45	1/4	1,549.71	1/4	1,184.97	1/4	820.79	1/4	456.07	1/4	91.42	1/4		1/4		1/4		1/4	
1/2	1,906.85	1/2	1,542.11	1/2	1,177.38	1/2	813.19	1/2	448.47	1/2	83.84	1/2		1/2		1/2		1/2	
3/4	1,899.25	3/4	1,534.51	3/4	1,169.78	3/4	805.59	3/4	440.87	3/4	76.27	3/4		3/4		3/4		3/4	
1	1,891.65	1	1,526.92	1	1,162.18	1	797.99	1	433.27	1	69.16	1		1		1		1	
1/4	1,884.05	1/4	1,519.32	1/4	1,154.59	1/4	790.40	1/4	425.67	1/4	62.06	1/4		1/4		1/4		1/4	
1/2	1,876.46	1/2	1,511.72	1/2	1,146.99	1/2	782.80	1/2	418.07	1/2	54.96	1/2		1/2		1/2		1/2	
3/4	1,868.86	3/4	1,504.12	3/4	1,139.40	3/4	775.20	3/4	410.48	3/4	47.85	3/4		3/4		3/4		3/4	
2	1,861.26	2	1,496.52	2	1,131.81	2	767.60	2	402.88	2	42.15	2		2		2		2	
1/4	1,853.66	1/4	1,488.92	1/4	1,124.22	1/4	760.00	1/4	395.28	1/4	36.45	1/4		1/4		1/4		1/4	
1/2	1,846.06	1/2	1,481.32	1/2	1,116.63	1/2	752.40	1/2	387.68	1/2	30.76	1/2		1/2		1/2		1/2	
3/4	1,838.46	3/4	1,473.72	3/4	1,109.04	3/4	744.81	3/4	380.08	3/4	25.06	3/4		3/4		3/4		3/4	
3	1,830.86	3	1,466.13	3	1,101.45	3	737.21	3	372.48	10		3		3		3		3	
1/4	1,823.26	1/4	1,458.53	1/4	1,093.86	1/4	729.61	1/4	364.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,815.67	1/2	1,450.93	1/2	1,086.27	1/2	722.01	1/2	357.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,808.07	3/4	1,443.33	3/4	1,078.69	3/4	714.41	3/4	349.69	3/4		3/4		3/4		3/4		3/4	
4	1,800.47	4	1,435.73	4	1,071.10	4	706.81	4	342.09	4		4		4		4		4	
1/4	1,792.87	1/4	1,428.13	1/4	1,063.52	1/4	699.22	1/4	334.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,785.27	1/2	1,420.53	1/2	1,055.94	1/2	691.62	1/2	326.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,777.67	3/4	1,412.94	3/4	1,048.35	3/4	684.02	3/4	319.30	3/4		3/4		3/4		3/4		3/4	
5	1,770.07	5	1,405.34	5	1,040.77	5	676.42	5	311.70	5		5		5		5		5	
1/4	1,762.48	1/4	1,397.74	1/4	1,033.19	1/4	668.82	1/4	304.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,754.88	1/2	1,390.14	1/2	1,025.60	1/2	661.22	1/2	296.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,747.28	3/4	1,382.54	3/4	1,018.02	3/4	653.63	3/4	288.90	3/4		3/4		3/4		3/4		3/4	
6	1,739.68	6	1,374.94	6	1,010.44	6	646.03	6	281.30	6		6		6		6		6	
1/4	1,732.08	1/4	1,367.34	1/4	1,002.85	1/4	638.43	1/4	273.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,724.48	1/2	1,359.74	1/2	995.27	1/2	630.83	1/2	266.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,716.88	3/4	1,352.15	3/4	987.69	3/4	623.23	3/4	258.51	3/4		3/4		3/4		3/4		3/4	
7	1,709.28	7	1,344.55	7	980.10	7	615.63	7	250.91	7		7		7		7		7	
1/4	1,701.69	1/4	1,336.95	1/4	972.52	1/4	608.03	1/4	243.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.09	1/2	1,329.35	1/2	964.94	1/2	600.44	1/2	235.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,686.49	3/4	1,321.75	3/4	957.35	3/4	592.84	3/4	228.11	3/4		3/4		3/4		3/4		3/4	
8	1,678.89	8	1,314.15	8	949.77	8	585.24	8	220.52	8		8		8		8		8	
1/4	1,671.29	1/4	1,306.55	1/4	942.19	1/4	577.64	1/4	212.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,663.69	1/2	1,298.95	1/2	934.60	1/2	570.04	1/2	205.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,656.09	3/4	1,291.36	3/4	927.02	3/4	562.44	3/4	197.72	3/4		3/4		3/4		3/4		3/4	
9	1,648.49	9	1,283.76	9	919.44	9	554.85	9	190.12	9		9		9		9		9	
1/4	1,640.90	1/4	1,276.16	1/4	911.85	1/4	547.25	1/4	182.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,633.30	1/2	1,268.56	1/2	904.27	1/2	539.65	1/2	174.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,625.70	3/4	1,260.96	3/4	896.69	3/4	532.05	3/4	167.33	3/4		3/4		3/4		3/4		3/4	
10	1,618.10	10	1,253.36	10	889.10	10	524.45	10	159.73	10		10		10		10		10	
1/4	1,610.50	1/4	1,245.76	1/4	881.52	1/4	516.85	1/4	152.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,602.90	1/2	1,238.16	1/2	873.94	1/2	509.26	1/2	144.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,595.30	3/4	1,230.57	3/4	866.35	3/4	501.66	3/4	136.94	3/4		3/4		3/4		3/4		3/4	
11	1,587.71	11	1,222.97	11	858.76	11	494.06	11	129.34	11		11		11		11		11	
1/4	1,580.11	1/4	1,215.37	1/4	851.17	1/4	486.46	1/4	121.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,572.51	1/2	1,207.77	1/2	843.58	1/2	478.86	1/2	114.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,564.91	3/4	1,200.17	3/4	835.99	3/4	471.26	3/4	106.57	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 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>