



# BARGE "CTCo 332"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 236'-09"

July 24, 2014

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 332"

1 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	5,082.03	0	4,747.71	0	4,408.78	0	4,049.10	0	3,683.60	0	3,317.79	0	2,951.74	0	2,585.49	0	2,219.24
1/4	1/4	1/4	5,075.61	1/4	4,740.88	1/4	4,401.47	1/4	4,041.49	1/4	3,675.99	1/4	3,310.17	1/4	2,944.11	1/4	2,577.86	1/4	2,211.61
1/2	1/2	1/2	5,069.20	1/2	4,734.05	1/2	4,394.16	1/2	4,033.87	1/2	3,668.38	1/2	3,302.54	1/2	2,936.48	1/2	2,570.23	1/2	2,203.98
3/4	3/4	3/4	5,062.78	3/4	4,727.21	3/4	4,386.85	3/4	4,026.26	3/4	3,660.76	3/4	3,294.92	3/4	2,928.85	3/4	2,562.60	3/4	2,196.35
1	1	1	5,056.36	1	4,720.38	1	4,379.54	1	4,018.64	1	3,653.15	1	3,287.29	1	2,921.21	1	2,554.97	1	2,188.72
1/4	1/4	1/4	5,048.99	1/4	4,713.48	1/4	4,372.19	1/4	4,011.03	1/4	3,645.53	1/4	3,279.66	1/4	2,913.58	1/4	2,547.33	1/4	2,181.09
1/2	1/2	1/2	5,041.63	1/2	4,706.59	1/2	4,364.84	1/2	4,003.41	1/2	3,637.92	1/2	3,272.04	1/2	2,905.95	1/2	2,539.70	1/2	2,173.46
3/4	3/4	3/4	5,034.26	3/4	4,699.69	3/4	4,357.49	3/4	3,995.80	3/4	3,630.30	3/4	3,264.41	3/4	2,898.32	3/4	2,532.07	3/4	2,165.82
2	2	2	5,026.89	2	4,692.79	2	4,350.14	2	3,988.18	2	3,622.69	2	3,256.79	2	2,890.69	2	2,524.44	2	2,158.19
1/4	1/4	1/4	5,019.33	1/4	4,685.85	1/4	4,342.76	1/4	3,980.57	1/4	3,615.07	1/4	3,249.16	1/4	2,883.06	1/4	2,516.81	1/4	2,150.56
1/2	1/2	1/2	5,011.77	1/2	4,678.91	1/2	4,335.38	1/2	3,972.96	1/2	3,607.46	1/2	3,241.53	1/2	2,875.43	1/2	2,509.18	1/2	2,142.93
3/4	3/4	3/4	5,004.22	3/4	4,671.97	3/4	4,327.99	3/4	3,965.34	3/4	3,599.85	3/4	3,233.91	3/4	2,867.80	3/4	2,501.55	3/4	2,135.30
3	3	3	4,996.66	3	4,665.03	3	4,320.61	3	3,957.73	3	3,592.23	3	3,226.28	3	2,860.17	3	2,493.92	3	2,127.67
1/4	1/4	1/4	4,989.10	1/4	4,658.05	1/4	4,313.19	1/4	3,950.11	1/4	3,584.62	1/4	3,218.66	1/4	2,852.54	1/4	2,486.29	1/4	2,120.04
1/2	1/2	1/2	4,981.54	1/2	4,651.07	1/2	4,305.78	1/2	3,942.50	1/2	3,577.00	1/2	3,211.03	1/2	2,844.91	1/2	2,478.66	1/2	2,112.41
3/4	3/4	3/4	4,973.99	3/4	4,644.09	3/4	4,298.36	3/4	3,934.88	3/4	3,569.39	3/4	3,203.40	3/4	2,837.28	3/4	2,471.03	3/4	2,104.78
4	4	4	4,966.43	4	4,637.11	4	4,290.94	4	3,927.27	4	3,561.77	4	3,195.78	4	2,829.65	4	2,463.40	4	2,097.15
1/4	1/4	1/4	4,958.87	1/4	4,630.09	1/4	4,283.49	1/4	3,919.65	1/4	3,554.16	1/4	3,188.15	1/4	2,822.02	1/4	2,455.77	1/4	2,089.52
1/2	1/2	1/2	4,951.32	1/2	4,623.07	1/2	4,276.04	1/2	3,912.04	1/2	3,546.54	1/2	3,180.52	1/2	2,814.39	1/2	2,448.14	1/2	2,081.89
3/4	3/4	3/4	4,943.76	3/4	4,616.06	3/4	4,268.59	3/4	3,904.43	3/4	3,538.93	3/4	3,172.90	3/4	2,806.76	3/4	2,440.51	3/4	2,074.26
5	5	5	4,936.20	5	4,609.04	5	4,261.14	5	3,896.81	5	3,531.31	5	3,165.27	5	2,799.13	5	2,432.88	5	2,066.63
1/4	1/4	1/4	4,929.36	1/4	4,601.99	1/4	4,253.65	1/4	3,889.20	1/4	3,523.69	1/4	3,157.65	1/4	2,791.50	1/4	2,425.25	1/4	2,059.00
1/2	1/2	1/2	4,922.52	1/2	4,594.94	1/2	4,246.16	1/2	3,881.58	1/2	3,516.07	1/2	3,150.02	1/2	2,783.87	1/2	2,417.62	1/2	2,051.37
3/4	3/4	3/4	4,915.68	3/4	4,587.89	3/4	4,238.67	3/4	3,873.97	3/4	3,508.44	3/4	3,142.39	3/4	2,776.24	3/4	2,409.99	3/4	2,043.74
6	6	6	4,908.84	6	4,580.84	6	4,231.18	6	3,866.35	6	3,500.82	6	3,134.77	6	2,768.61	6	2,402.36	6	2,036.11
1/4	1/4	1/4	4,902.21	1/4	4,573.76	1/4	4,223.65	1/4	3,858.74	1/4	3,493.19	1/4	3,127.14	1/4	2,760.98	1/4	2,394.73	1/4	2,029.02
1/2	1/2	1/2	4,895.58	1/2	4,566.67	1/2	4,216.13	1/2	3,851.12	1/2	3,485.57	1/2	3,119.52	1/2	2,753.35	1/2	2,387.10	1/2	2,021.93
3/4	3/4	3/4	4,888.96	3/4	4,559.59	3/4	4,208.60	3/4	3,843.51	3/4	3,477.94	3/4	3,111.89	3/4	2,745.72	3/4	2,379.47	3/4	2,014.84
7	7	7	4,882.33	7	4,552.51	7	4,201.07	7	3,835.89	7	3,470.32	7	3,104.26	7	2,738.09	7	2,371.84	7	2,007.75
1/4	1/4	1/4	4,875.67	1/4	4,545.39	1/4	4,193.51	1/4	3,828.28	1/4	3,462.69	1/4	3,096.64	1/4	2,730.46	1/4	2,364.21	1/4	2,000.84
1/2	1/2	1/2	4,869.01	1/2	4,538.27	1/2	4,185.95	1/2	3,820.67	1/2	3,455.06	1/2	3,089.01	1/2	2,722.83	1/2	2,356.58	1/2	1,993.94
3/4	3/4	3/4	4,862.36	3/4	4,531.15	3/4	4,178.39	3/4	3,813.05	3/4	3,447.44	3/4	3,081.39	3/4	2,715.20	3/4	2,348.95	3/4	1,987.03
8	8	8	4,855.70	8	4,524.04	8	4,170.83	8	3,805.44	8	3,439.81	8	3,073.76	8	2,707.57	8	2,341.32	8	1,980.12
1/4	1/4	1/4	4,849.00	1/4	4,516.88	1/4	4,163.24	1/4	3,797.82	1/4	3,432.19	1/4	3,066.13	1/4	2,699.94	1/4	2,333.69	1/4	1,972.69
1/2	1/2	1/2	4,842.31	1/2	4,509.73	1/2	4,155.65	1/2	3,790.21	1/2	3,424.56	1/2	3,058.51	1/2	2,692.31	1/2	2,326.06	1/2	1,965.27
3/4	3/4	3/4	4,835.61	3/4	4,502.58	3/4	4,148.05	3/4	3,782.59	3/4	3,416.93	3/4	3,050.88	3/4	2,684.68	3/4	2,318.43	3/4	1,957.84
9	9	9	4,828.91	9	4,495.43	9	4,140.46	9	3,774.98	9	3,409.31	9	3,043.25	9	2,677.05	9	2,310.80	9	1,950.42
1/4	1/4	1/4	4,822.18	1/4	4,488.25	1/4	4,132.85	1/4	3,767.36	1/4	3,401.68	1/4	3,035.63	1/4	2,669.42	1/4	2,303.17	1/4	1,942.82
1/2	1/2	1/2	4,815.45	1/2	4,481.06	1/2	4,125.24	1/2	3,759.75	1/2	3,394.06	1/2	3,028.00	1/2	2,661.79	1/2	2,295.54	1/2	1,935.23
3/4	3/4	3/4	4,808.71	3/4	4,473.88	3/4	4,117.63	3/4	3,752.14	3/4	3,386.43	3/4	3,020.38	3/4	2,654.16	3/4	2,287.91	3/4	1,927.63
10	10	10	4,801.98	10	4,466.69	10	4,110.02	10	3,744.52	10	3,378.80	10	3,012.75	10	2,646.53	10	2,280.28	10	1,920.03
1/4	1/4	1/4	4,795.21	1/4	4,459.47	1/4	4,102.40	1/4	3,736.91	1/4	3,371.18	1/4	3,005.12	1/4	2,638.90	1/4	2,272.65	1/4	1,912.44
1/2	1/2	1/2	4,788.45	1/2	4,452.26	1/2	4,094.79	1/2	3,729.29	1/2	3,363.55	1/2	2,997.50	1/2	2,631.27	1/2	2,265.02	1/2	1,904.84
3/4	3/4	3/4	4,781.68	3/4	4,445.04	3/4	4,087.17	3/4	3,721.68	3/4	3,355.92	3/4	2,989.87	3/4	2,623.64	3/4	2,257.39	3/4	1,897.25
11	11	11	4,774.91	11	4,437.82	11	4,079.56	11	3,714.06	11	3,348.30	11	2,982.25	11	2,616.01	11	2,249.76	11	1,889.65
1/4	1/4	1/4	4,768.11	1/4	4,430.56	1/4	4,071.94	1/4	3,706.45	1/4	3,340.67	1/4	2,974.62	1/4	2,608.38	1/4	2,242.13	1/4	1,882.03
1/2	1/2	1/2	4,761.31	1/2	4,423.30	1/2	4,064.33	1/2	3,698.83	1/2	3,333.05	1/2	2,966.99	1/2	2,600.75	1/2	2,234.50	1/2	1,874.40
3/4	3/4	3/4	4,754.51	3/4	4,416.04	3/4	4,056.72	3/4	3,691.22	3/4	3,325.42	3/4	2,959.36	3/4	2,593.12	3/4	2,226.87	3/4	1,866.78

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 332"

## 1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,859.16	0	1,492.84	0	1,126.61	0	762.43	0	400.52	0	80.09	0		0		0		0	
1/4	1,851.53	1/4	1,485.21	1/4	1,119.01	1/4	754.79	1/4	393.36	1/4	74.02	1/4		1/4		1/4		1/4	
1/2	1,843.90	1/2	1,477.58	1/2	1,111.41	1/2	747.16	1/2	386.21	1/2	67.95	1/2		1/2		1/2		1/2	
3/4	1,836.27	3/4	1,469.95	3/4	1,103.81	3/4	739.53	3/4	379.05	3/4	61.87	3/4		3/4		3/4		3/4	
1	1,828.63	1	1,462.32	1	1,096.21	1	731.90	1	371.90	1	55.80	1		1		1		1	
1/4	1,821.00	1/4	1,454.69	1/4	1,088.62	1/4	724.27	1/4	364.83	1/4	50.51	1/4		1/4		1/4		1/4	
1/2	1,813.37	1/2	1,447.05	1/2	1,081.02	1/2	716.64	1/2	357.76	1/2	45.22	1/2		1/2		1/2		1/2	
3/4	1,805.74	3/4	1,439.42	3/4	1,073.43	3/4	709.01	3/4	350.69	3/4	39.92	3/4		3/4		3/4		3/4	
2	1,798.11	2	1,431.79	2	1,065.84	2	701.37	2	343.62	2	34.63	2		2		2		2	
1/4	1,790.48	1/4	1,424.16	1/4	1,058.25	1/4	693.74	1/4	336.64	1/4	30.75	1/4		1/4		1/4		1/4	
1/2	1,782.84	1/2	1,416.53	1/2	1,050.66	1/2	686.11	1/2	329.66	1/2	26.87	1/2		1/2		1/2		1/2	
3/4	1,775.21	3/4	1,408.90	3/4	1,043.08	3/4	678.48	3/4	322.68	3/4	22.99	3/4		3/4		3/4		3/4	
3	1,767.58	3	1,401.26	3	1,035.49	3	670.85	3	315.70	3	19.10	3		3		3		3	
1/4	1,759.95	1/4	1,393.63	1/4	1,027.91	1/4	663.22	1/4	308.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,752.32	1/2	1,386.00	1/2	1,020.32	1/2	655.59	1/2	301.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,744.69	3/4	1,378.37	3/4	1,012.74	3/4	647.95	3/4	295.01	3/4		3/4		3/4		3/4		3/4	
4	1,737.05	4	1,370.74	4	1,005.16	4	640.32	4	288.12	4		4		4		4		4	
1/4	1,729.42	1/4	1,363.11	1/4	997.58	1/4	632.69	1/4	281.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,721.79	1/2	1,355.47	1/2	990.00	1/2	625.06	1/2	274.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,714.16	3/4	1,347.84	3/4	982.42	3/4	617.43	3/4	267.69	3/4		3/4		3/4		3/4		3/4	
5	1,706.53	5	1,340.21	5	974.84	5	609.80	5	260.88	5		5		5		5		5	
1/4	1,698.90	1/4	1,332.58	1/4	967.26	1/4	602.17	1/4	254.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,691.26	1/2	1,324.95	1/2	959.68	1/2	594.53	1/2	247.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,683.63	3/4	1,317.32	3/4	952.09	3/4	586.90	3/4	240.72	3/4		3/4		3/4		3/4		3/4	
6	1,676.00	6	1,309.68	6	944.51	6	579.27	6	234.00	6		6		6		6		6	
1/4	1,668.37	1/4	1,302.05	1/4	936.93	1/4	571.65	1/4	227.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,660.74	1/2	1,294.42	1/2	929.35	1/2	564.03	1/2	220.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,653.11	3/4	1,286.79	3/4	921.77	3/4	556.40	3/4	214.09	3/4		3/4		3/4		3/4		3/4	
7	1,645.48	7	1,279.16	7	914.19	7	548.78	7	207.46	7		7		7		7		7	
1/4	1,637.84	1/4	1,271.53	1/4	906.61	1/4	541.20	1/4	200.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,630.21	1/2	1,263.90	1/2	899.03	1/2	533.62	1/2	194.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,622.58	3/4	1,256.26	3/4	891.45	3/4	526.04	3/4	187.81	3/4		3/4		3/4		3/4		3/4	
8	1,614.95	8	1,248.63	8	883.87	8	518.46	8	181.26	8		8		8		8		8	
1/4	1,607.32	1/4	1,241.00	1/4	876.29	1/4	510.96	1/4	174.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,599.69	1/2	1,233.37	1/2	868.71	1/2	503.46	1/2	168.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,592.05	3/4	1,225.74	3/4	861.13	3/4	495.96	3/4	161.88	3/4		3/4		3/4		3/4		3/4	
9	1,584.42	9	1,218.11	9	853.55	9	488.45	9	155.41	9		9		9		9		9	
1/4	1,576.79	1/4	1,210.47	1/4	845.96	1/4	481.04	1/4	149.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,569.16	1/2	1,202.84	1/2	838.38	1/2	473.62	1/2	142.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,561.53	3/4	1,195.21	3/4	830.80	3/4	466.21	3/4	136.30	3/4		3/4		3/4		3/4		3/4	
10	1,553.90	10	1,187.58	10	823.22	10	458.79	10	129.93	10		10		10		10		10	
1/4	1,546.26	1/4	1,179.95	1/4	815.64	1/4	451.47	1/4	123.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,538.63	1/2	1,172.32	1/2	808.06	1/2	444.14	1/2	117.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,531.00	3/4	1,164.68	3/4	800.48	3/4	436.81	3/4	111.10	3/4		3/4		3/4		3/4		3/4	
11	1,523.37	11	1,157.05	11	792.90	11	429.48	11	104.82	11		11		11		11		11	
1/4	1,515.74	1/4	1,149.44	1/4	785.28	1/4	422.24	1/4	98.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,508.11	1/2	1,141.83	1/2	777.66	1/2	415.00	1/2	92.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,500.47	3/4	1,134.22	3/4	770.04	3/4	407.76	3/4	86.28	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/23/2014 CL  
CALCULATED: 07/24/2014 CL  
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CTCo 332"

## 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	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	4,757.67	1/4	4,419.66	1/4	4,060.70	1/4	3,695.21	1/4	3,329.72	1/4	2,964.22	1/4	2,598.54	1/4	2,232.86
1/2		1/2	5,078.37	1/2	4,744.07	1/2	4,405.14	1/2	4,045.47	1/2	3,679.98	1/2	3,314.49	1/2	2,948.99	1/2	2,583.30	1/2	2,217.62
3/4		3/4	5,071.96	3/4	4,737.24	3/4	4,397.83	3/4	4,037.86	3/4	3,672.36	3/4	3,306.87	3/4	2,941.37	3/4	2,575.69	3/4	2,210.00
1	1	1	5,065.54	1	4,730.40	1	4,390.52	1	4,030.24	1	3,664.75	1	3,299.26	1	2,933.75	1	2,568.07	1	2,202.38
1/4		1/4	5,059.13	1/4	4,723.57	1/4	4,383.21	1/4	4,022.63	1/4	3,657.14	1/4	3,291.64	1/4	2,926.13	1/4	2,560.45	1/4	2,194.77
1/2		1/2	5,052.71	1/2	4,716.74	1/2	4,375.90	1/2	4,015.01	1/2	3,649.52	1/2	3,284.03	1/2	2,918.51	1/2	2,552.83	1/2	2,187.15
3/4		3/4	5,045.35	3/4	4,709.84	3/4	4,368.55	3/4	4,007.40	3/4	3,641.91	3/4	3,276.42	3/4	2,910.89	3/4	2,545.21	3/4	2,179.53
2	2	2	5,037.98	2	4,702.94	2	4,361.20	2	3,999.78	2	3,634.29	2	3,268.80	2	2,903.28	2	2,537.59	2	2,171.91
1/4		1/4	5,030.61	1/4	4,696.05	1/4	4,353.85	1/4	3,992.17	1/4	3,626.68	1/4	3,261.19	1/4	2,895.66	1/4	2,529.97	1/4	2,164.29
1/2		1/2	5,023.24	1/2	4,689.15	1/2	4,346.50	1/2	3,984.55	1/2	3,619.06	1/2	3,253.57	1/2	2,888.04	1/2	2,522.36	1/2	2,156.67
3/4		3/4	5,015.68	3/4	4,682.21	3/4	4,339.12	3/4	3,976.94	3/4	3,611.45	3/4	3,245.96	3/4	2,880.42	3/4	2,514.74	3/4	2,149.05
3	3	3	5,008.13	3	4,675.27	3	4,331.74	3	3,969.33	3	3,603.83	3	3,238.34	3	2,872.80	3	2,507.12	3	2,141.44
1/4		1/4	5,000.57	1/4	4,668.33	1/4	4,324.35	1/4	3,961.71	1/4	3,596.22	1/4	3,230.73	1/4	2,865.18	1/4	2,499.50	1/4	2,133.82
1/2		1/2	4,993.01	1/2	4,661.39	1/2	4,316.97	1/2	3,954.10	1/2	3,588.61	1/2	3,223.11	1/2	2,857.57	1/2	2,491.88	1/2	2,126.20
3/4		3/4	4,985.46	3/4	4,654.41	3/4	4,309.55	3/4	3,946.48	3/4	3,580.99	3/4	3,215.50	3/4	2,849.95	3/4	2,484.26	3/4	2,118.58
4	4	4	4,977.90	4	4,647.43	4	4,302.14	4	3,938.87	4	3,573.38	4	3,207.89	4	2,842.33	4	2,476.65	4	2,110.96
1/4		1/4	4,970.34	1/4	4,640.44	1/4	4,294.72	1/4	3,931.25	1/4	3,565.76	1/4	3,200.27	1/4	2,834.71	1/4	2,469.03	1/4	2,103.34
1/2		1/2	4,962.79	1/2	4,633.46	1/2	4,287.30	1/2	3,923.64	1/2	3,558.15	1/2	3,192.66	1/2	2,827.09	1/2	2,461.41	1/2	2,095.73
3/4		3/4	4,955.23	3/4	4,626.45	3/4	4,279.85	3/4	3,916.02	3/4	3,550.53	3/4	3,185.04	3/4	2,819.47	3/4	2,453.79	3/4	2,088.11
5	5	5	4,947.67	5	4,619.43	5	4,272.40	5	3,908.41	5	3,542.92	5	3,177.43	5	2,811.86	5	2,446.17	5	2,080.49
1/4		1/4	4,940.11	1/4	4,612.41	1/4	4,264.95	1/4	3,900.80	1/4	3,535.30	1/4	3,169.81	1/4	2,804.24	1/4	2,438.55	1/4	2,072.87
1/2		1/2	4,932.56	1/2	4,605.40	1/2	4,257.50	1/2	3,893.18	1/2	3,527.69	1/2	3,162.20	1/2	2,796.62	1/2	2,430.94	1/2	2,065.25
3/4		3/4	4,925.72	3/4	4,598.35	3/4	4,250.01	3/4	3,885.57	3/4	3,520.08	3/4	3,154.58	3/4	2,789.00	3/4	2,423.32	3/4	2,057.63
6	6	6	4,918.88	6	4,591.30	6	4,242.52	6	3,877.95	6	3,512.46	6	3,146.97	6	2,781.38	6	2,415.70	6	2,050.02
1/4		1/4	4,912.04	1/4	4,584.25	1/4	4,235.03	1/4	3,870.34	1/4	3,504.85	1/4	3,139.36	1/4	2,773.76	1/4	2,408.08	1/4	2,042.40
1/2		1/2	4,905.19	1/2	4,577.20	1/2	4,227.54	1/2	3,862.72	1/2	3,497.23	1/2	3,131.74	1/2	2,766.15	1/2	2,400.46	1/2	2,034.78
3/4		3/4	4,898.57	3/4	4,570.11	3/4	4,220.02	3/4	3,855.11	3/4	3,489.62	3/4	3,124.13	3/4	2,758.53	3/4	2,392.84	3/4	2,027.70
7	7	7	4,891.94	7	4,563.03	7	4,212.49	7	3,847.50	7	3,482.00	7	3,116.51	7	2,750.91	7	2,385.23	7	2,020.62
1/4		1/4	4,885.31	1/4	4,555.95	1/4	4,204.96	1/4	3,839.88	1/4	3,474.39	1/4	3,108.90	1/4	2,743.29	1/4	2,377.61	1/4	2,013.55
1/2		1/2	4,878.69	1/2	4,548.86	1/2	4,197.44	1/2	3,832.27	1/2	3,466.78	1/2	3,101.28	1/2	2,735.67	1/2	2,369.99	1/2	2,006.47
3/4		3/4	4,872.03	3/4	4,541.75	3/4	4,189.88	3/4	3,824.65	3/4	3,459.16	3/4	3,093.67	3/4	2,728.05	3/4	2,362.37	3/4	1,999.57
8	8	8	4,865.37	8	4,534.63	8	4,182.32	8	3,817.04	8	3,451.55	8	3,086.06	8	2,720.43	8	2,354.75	8	1,992.67
1/4		1/4	4,858.71	1/4	4,527.51	1/4	4,174.76	1/4	3,809.42	1/4	3,443.93	1/4	3,078.44	1/4	2,712.82	1/4	2,347.13	1/4	1,985.77
1/2		1/2	4,852.05	1/2	4,520.39	1/2	4,167.20	1/2	3,801.81	1/2	3,436.32	1/2	3,070.83	1/2	2,705.20	1/2	2,339.51	1/2	1,978.88
3/4		3/4	4,845.36	3/4	4,513.24	3/4	4,159.60	3/4	3,794.19	3/4	3,428.70	3/4	3,063.21	3/4	2,697.58	3/4	2,331.90	3/4	1,971.46
9	9	9	4,838.66	9	4,506.09	9	4,152.01	9	3,786.58	9	3,421.09	9	3,055.60	9	2,689.96	9	2,324.28	9	1,964.05
1/4		1/4	4,831.96	1/4	4,498.94	1/4	4,144.42	1/4	3,778.97	1/4	3,413.47	1/4	3,047.98	1/4	2,682.34	1/4	2,316.66	1/4	1,956.64
1/2		1/2	4,825.27	1/2	4,491.79	1/2	4,136.82	1/2	3,771.35	1/2	3,405.86	1/2	3,040.37	1/2	2,674.72	1/2	2,309.04	1/2	1,949.23
3/4		3/4	4,818.53	3/4	4,484.61	3/4	4,129.21	3/4	3,763.74	3/4	3,398.25	3/4	3,032.75	3/4	2,667.11	3/4	2,301.42	3/4	1,941.64
10	10	10	4,811.80	10	4,477.42	10	4,121.60	10	3,756.12	10	3,390.63	10	3,025.14	10	2,659.49	10	2,293.80	10	1,934.06
1/4		1/4	4,805.07	1/4	4,470.24	1/4	4,113.99	1/4	3,748.51	1/4	3,383.02	1/4	3,017.53	1/4	2,651.87	1/4	2,286.19	1/4	1,926.47
1/2		1/2	4,798.34	1/2	4,463.05	1/2	4,106.38	1/2	3,740.89	1/2	3,375.40	1/2	3,009.91	1/2	2,644.25	1/2	2,278.57	1/2	1,918.89
3/4		3/4	4,791.57	3/4	4,455.83	3/4	4,098.77	3/4	3,733.28	3/4	3,367.79	3/4	3,002.30	3/4	2,636.63	3/4	2,270.95	3/4	1,911.30
11	11	11	4,784.80	11	4,448.61	11	4,091.16	11	3,725.66	11	3,360.17	11	2,994.68	11	2,629.01	11	2,263.33	11	1,903.72
1/4		1/4	4,778.04	1/4	4,441.40	1/4	4,083.54	1/4	3,718.05	1/4	3,352.56	1/4	2,987.07	1/4	2,621.40	1/4	2,255.71	1/4	1,896.14
1/2		1/2	4,771.27	1/2	4,434.18	1/2	4,075.93	1/2	3,710.44	1/2	3,344.94	1/2	2,979.45	1/2	2,613.78	1/2	2,248.09	1/2	1,888.55
3/4		3/4	4,764.47	3/4	4,426.92	3/4	4,068.31	3/4	3,702.82	3/4	3,337.33	3/4	2,971.84	3/4	2,606.16	3/4	2,240.48	3/4	1,880.94

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 332"

## 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	1,873.33	0	1,507.59	0	1,141.84	0	776.58	0	414.52	0	92.45	0		0		0		0	
1/4	1,865.72	1/4	1,499.97	1/4	1,134.22	1/4	768.97	1/4	407.29	1/4	86.27	1/4		1/4		1/4		1/4	
1/2	1,858.11	1/2	1,492.35	1/2	1,126.60	1/2	761.35	1/2	400.06	1/2	80.09	1/2		1/2		1/2		1/2	
3/4	1,850.49	3/4	1,484.74	3/4	1,118.98	3/4	753.73	3/4	392.92	3/4	74.02	3/4		3/4		3/4		3/4	
1	1,842.87	1	1,477.12	1	1,111.36	1	746.11	1	385.78	1	67.94	1		1		1		1	
1/4	1,835.25	1/4	1,469.50	1/4	1,103.75	1/4	738.49	1/4	378.63	1/4	61.87	1/4		1/4		1/4		1/4	
1/2	1,827.63	1/2	1,461.88	1/2	1,096.13	1/2	730.87	1/2	371.49	1/2	55.80	1/2		1/2		1/2		1/2	
3/4	1,820.01	3/4	1,454.26	3/4	1,088.51	3/4	723.25	3/4	364.43	3/4	50.50	3/4		3/4		3/4		3/4	
2	1,812.39	2	1,446.64	2	1,080.90	2	715.63	2	357.38	2	45.21	2		2		2		2	
1/4	1,804.77	1/4	1,439.02	1/4	1,073.28	1/4	708.01	1/4	350.32	1/4	39.92	1/4		1/4		1/4		1/4	
1/2	1,797.15	1/2	1,431.40	1/2	1,065.67	1/2	700.39	1/2	343.26	1/2	34.63	1/2		1/2		1/2		1/2	
3/4	1,789.53	3/4	1,423.78	3/4	1,058.05	3/4	692.77	3/4	336.29	3/4	30.74	3/4		3/4		3/4		3/4	
3	1,781.91	3	1,416.16	3	1,050.44	3	685.15	3	329.32	3	26.86	3		3		3		3	
1/4	1,774.29	1/4	1,408.54	1/4	1,042.83	1/4	677.53	1/4	322.35	1/4	22.98	1/4		1/4		1/4		1/4	
1/2	1,766.67	1/2	1,400.92	1/2	1,035.21	1/2	669.91	1/2	315.38	1/2	19.10	1/2		1/2		1/2		1/2	
3/4	1,759.05	3/4	1,393.30	3/4	1,027.60	3/4	662.29	3/4	308.50	3/4		3/4		3/4		3/4		3/4	
4	1,751.43	4	1,385.68	4	1,020.00	4	654.68	4	301.62	4		4		4		4		4	
1/4	1,743.81	1/4	1,378.06	1/4	1,012.39	1/4	647.06	1/4	294.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,736.19	1/2	1,370.44	1/2	1,004.78	1/2	639.44	1/2	287.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,728.57	3/4	1,362.82	3/4	997.18	3/4	631.82	3/4	281.05	3/4		3/4		3/4		3/4		3/4	
5	1,720.95	5	1,355.20	5	989.57	5	624.20	5	274.26	5		5		5		5		5	
1/4	1,713.33	1/4	1,347.58	1/4	981.96	1/4	616.58	1/4	267.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,705.71	1/2	1,339.96	1/2	974.36	1/2	608.96	1/2	260.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,698.09	3/4	1,332.34	3/4	966.75	3/4	601.34	3/4	253.95	3/4		3/4		3/4		3/4		3/4	
6	1,690.47	6	1,324.72	6	959.15	6	593.72	6	247.24	6		6		6		6		6	
1/4	1,682.85	1/4	1,317.10	1/4	951.54	1/4	586.10	1/4	240.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,675.23	1/2	1,309.48	1/2	943.93	1/2	578.48	1/2	233.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,667.61	3/4	1,301.86	3/4	936.33	3/4	570.87	3/4	227.20	3/4		3/4		3/4		3/4		3/4	
7	1,659.99	7	1,294.24	7	928.72	7	563.27	7	220.57	7		7		7		7		7	
1/4	1,652.37	1/4	1,286.62	1/4	921.12	1/4	555.66	1/4	213.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,644.75	1/2	1,279.00	1/2	913.51	1/2	548.06	1/2	207.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,637.13	3/4	1,271.38	3/4	905.90	3/4	540.49	3/4	200.79	3/4		3/4		3/4		3/4		3/4	
8	1,629.51	8	1,263.76	8	898.30	8	532.93	8	194.25	8		8		8		8		8	
1/4	1,621.89	1/4	1,256.14	1/4	890.69	1/4	525.37	1/4	187.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,614.27	1/2	1,248.52	1/2	883.09	1/2	517.81	1/2	181.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,606.65	3/4	1,240.90	3/4	875.48	3/4	510.33	3/4	174.73	3/4		3/4		3/4		3/4		3/4	
9	1,599.03	9	1,233.28	9	867.87	9	502.84	9	168.28	9		9		9		9		9	
1/4	1,591.41	1/4	1,225.66	1/4	860.27	1/4	495.35	1/4	161.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,583.79	1/2	1,218.04	1/2	852.66	1/2	487.86	1/2	155.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,576.17	3/4	1,210.42	3/4	845.06	3/4	480.46	3/4	149.01	3/4		3/4		3/4		3/4		3/4	
10	1,568.55	10	1,202.80	10	837.45	10	473.06	10	142.65	10		10		10		10		10	
1/4	1,560.93	1/4	1,195.18	1/4	829.84	1/4	465.65	1/4	136.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,553.31	1/2	1,187.56	1/2	822.24	1/2	458.25	1/2	129.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,545.69	3/4	1,179.94	3/4	814.63	3/4	450.93	3/4	123.65	3/4		3/4		3/4		3/4		3/4	
11	1,538.07	11	1,172.32	11	807.03	11	443.62	11	117.37	11		11		11		11		11	
1/4	1,530.45	1/4	1,164.70	1/4	799.42	1/4	436.30	1/4	111.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,522.83	1/2	1,157.08	1/2	791.81	1/2	428.98	1/2	104.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,515.21	3/4	1,149.46	3/4	784.20	3/4	421.75	3/4	98.64	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/23/2014 CL  
CALCULATED: 07/24/2014 CL  
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

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



# BARGE "CTCo 332"

# 2 PORT 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	0	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	4,528.60	1/4	4,210.61	1/4	3,872.80	1/4	3,528.85	1/4	3,184.91	1/4	2,840.96	1/4	2,496.82	1/4	2,152.68		
1/2		1/2		1/2	4,522.21	1/2	4,203.78	1/2	3,865.63	1/2	3,521.69	1/2	3,177.74	1/2	2,833.79	1/2	2,489.65	1/2	2,145.51		
3/4		3/4	4,830.23	3/4	4,515.81	3/4	4,196.95	3/4	3,858.47	3/4	3,514.52	3/4	3,170.58	3/4	2,826.62	3/4	2,482.48	3/4	2,138.34		
1	1	1	4,824.20	1	4,509.38	1	4,190.07	1	3,851.30	1	3,507.36	1	3,163.41	1	2,819.46	1	2,475.31	1	2,131.17		
1/4		1/4	4,818.16	1/4	4,502.96	1/4	4,183.19	1/4	3,844.14	1/4	3,500.19	1/4	3,156.25	1/4	2,812.29	1/4	2,468.14	1/4	2,124.00		
1/2		1/2	4,812.13	1/2	4,496.53	1/2	4,176.31	1/2	3,836.97	1/2	3,493.03	1/2	3,149.08	1/2	2,805.12	1/2	2,460.98	1/2	2,116.83		
3/4		3/4	4,806.09	3/4	4,490.10	3/4	4,169.43	3/4	3,829.80	3/4	3,485.86	3/4	3,141.92	3/4	2,797.95	3/4	2,453.81	3/4	2,109.66		
2	2	2	4,799.16	2	4,483.62	2	4,162.51	2	3,822.64	2	3,478.69	2	3,134.75	2	2,790.78	2	2,446.64	2	2,102.50		
1/4		1/4	4,792.23	1/4	4,477.13	1/4	4,155.60	1/4	3,815.47	1/4	3,471.53	1/4	3,127.58	1/4	2,783.61	1/4	2,439.47	1/4	2,095.33		
1/2		1/2	4,785.30	1/2	4,470.64	1/2	4,148.68	1/2	3,808.31	1/2	3,464.36	1/2	3,120.42	1/2	2,776.44	1/2	2,432.30	1/2	2,088.16		
3/4		3/4	4,778.37	3/4	4,464.15	3/4	4,141.77	3/4	3,801.14	3/4	3,457.20	3/4	3,113.25	3/4	2,769.27	3/4	2,425.13	3/4	2,080.99		
3	3	3	4,771.26	3	4,457.62	3	4,134.82	3	3,793.98	3	3,450.03	3	3,106.09	3	2,762.10	3	2,417.96	3	2,073.82		
1/4		1/4	4,764.16	1/4	4,451.09	1/4	4,127.87	1/4	3,786.81	1/4	3,442.87	1/4	3,098.92	1/4	2,754.93	1/4	2,410.79	1/4	2,066.65		
1/2		1/2	4,757.05	1/2	4,444.56	1/2	4,120.92	1/2	3,779.65	1/2	3,435.70	1/2	3,091.76	1/2	2,747.76	1/2	2,403.62	1/2	2,059.48		
3/4		3/4	4,749.94	3/4	4,438.03	3/4	4,113.98	3/4	3,772.48	3/4	3,428.54	3/4	3,084.59	3/4	2,740.59	3/4	2,396.45	3/4	2,052.31		
4	4	4	4,742.83	4	4,431.46	4	4,107.00	4	3,765.31	4	3,421.37	4	3,077.43	4	2,733.42	4	2,389.28	4	2,045.14		
1/4		1/4	4,735.72	1/4	4,424.90	1/4	4,100.02	1/4	3,758.15	1/4	3,414.20	1/4	3,070.26	1/4	2,726.25	1/4	2,382.11	1/4	2,037.97		
1/2		1/2	4,728.61	1/2	4,418.33	1/2	4,093.04	1/2	3,750.98	1/2	3,407.04	1/2	3,063.10	1/2	2,719.08	1/2	2,374.94	1/2	2,030.80		
3/4		3/4	4,721.51	3/4	4,411.76	3/4	4,086.06	3/4	3,743.82	3/4	3,399.87	3/4	3,055.93	3/4	2,711.91	3/4	2,367.77	3/4	2,023.63		
5	5	5	4,714.40	5	4,405.16	5	4,079.05	5	3,736.65	5	3,392.71	5	3,048.76	5	2,704.74	5	2,360.60	5	2,016.46		
1/4		1/4	4,707.29	1/4	4,398.56	1/4	4,072.04	1/4	3,729.49	1/4	3,385.54	1/4	3,041.60	1/4	2,697.57	1/4	2,353.43	1/4	2,009.29		
1/2		1/2	4,700.18	1/2	4,391.96	1/2	4,065.02	1/2	3,722.32	1/2	3,378.38	1/2	3,034.43	1/2	2,690.40	1/2	2,346.26	1/2	2,002.12		
3/4		3/4	4,693.07	3/4	4,385.36	3/4	4,058.01	3/4	3,715.16	3/4	3,371.21	3/4	3,027.27	3/4	2,683.23	3/4	2,339.09	3/4	1,994.95		
6	6	6	4,686.64	6	4,378.72	6	4,050.96	6	3,707.99	6	3,364.05	6	3,020.10	6	2,676.06	6	2,331.92	6	1,987.78		
1/4		1/4	4,680.21	1/4	4,372.09	1/4	4,043.92	1/4	3,700.83	1/4	3,356.88	1/4	3,012.94	1/4	2,668.89	1/4	2,324.75	1/4	1,980.61		
1/2		1/2	4,673.77	1/2	4,365.46	1/2	4,036.87	1/2	3,693.66	1/2	3,349.72	1/2	3,005.77	1/2	2,661.72	1/2	2,317.58	1/2	1,973.44		
3/4		3/4	4,667.34	3/4	4,358.82	3/4	4,029.82	3/4	3,686.49	3/4	3,342.55	3/4	2,998.61	3/4	2,654.55	3/4	2,310.41	3/4	1,966.27		
7	7	7	4,661.11	7	4,352.16	7	4,022.74	7	3,679.33	7	3,335.38	7	2,991.44	7	2,647.38	7	2,303.24	7	1,959.61		
1/4		1/4	4,654.87	1/4	4,345.49	1/4	4,015.65	1/4	3,672.16	1/4	3,328.22	1/4	2,984.27	1/4	2,640.22	1/4	2,296.07	1/4	1,952.95		
1/2		1/2	4,648.64	1/2	4,338.83	1/2	4,008.57	1/2	3,665.00	1/2	3,321.05	1/2	2,977.11	1/2	2,633.05	1/2	2,288.90	1/2	1,946.29		
3/4		3/4	4,642.41	3/4	4,332.17	3/4	4,001.49	3/4	3,657.83	3/4	3,313.89	3/4	2,969.94	3/4	2,625.88	3/4	2,281.74	3/4	1,939.63		
8	8	8	4,636.15	8	4,325.47	8	3,994.37	8	3,650.67	8	3,306.72	8	2,962.78	8	2,618.71	8	2,274.57	8	1,933.14		
1/4		1/4	4,629.89	1/4	4,318.77	1/4	3,987.26	1/4	3,643.50	1/4	3,299.56	1/4	2,955.61	1/4	2,611.54	1/4	2,267.40	1/4	1,926.65		
1/2		1/2	4,623.63	1/2	4,312.08	1/2	3,980.15	1/2	3,636.34	1/2	3,292.39	1/2	2,948.45	1/2	2,604.37	1/2	2,260.23	1/2	1,920.16		
3/4		3/4	4,617.36	3/4	4,305.38	3/4	3,973.03	3/4	3,629.17	3/4	3,285.23	3/4	2,941.28	3/4	2,597.20	3/4	2,253.06	3/4	1,913.67		
9	9	9	4,611.07	9	4,298.65	9	3,965.88	9	3,622.00	9	3,278.06	9	2,934.12	9	2,590.03	9	2,245.89	9	1,906.69		
1/4		1/4	4,604.77	1/4	4,291.92	1/4	3,958.74	1/4	3,614.84	1/4	3,270.89	1/4	2,926.95	1/4	2,582.86	1/4	2,238.72	1/4	1,899.72		
1/2		1/2	4,598.47	1/2	4,285.20	1/2	3,951.59	1/2	3,607.67	1/2	3,263.73	1/2	2,919.79	1/2	2,575.69	1/2	2,231.55	1/2	1,892.74		
3/4		3/4	4,592.17	3/4	4,278.47	3/4	3,944.45	3/4	3,600.51	3/4	3,256.56	3/4	2,912.62	3/4	2,568.52	3/4	2,224.38	3/4	1,885.77		
10	10	10	4,585.84	10	4,271.71	10	3,937.28	10	3,593.34	10	3,249.40	10	2,905.45	10	2,561.35	10	2,217.21	10	1,878.63		
1/4		1/4	4,579.51	1/4	4,264.95	1/4	3,930.12	1/4	3,586.18	1/4	3,242.23	1/4	2,898.29	1/4	2,554.18	1/4	2,210.04	1/4	1,871.50		
1/2		1/2	4,573.18	1/2	4,258.19	1/2	3,922.95	1/2	3,579.01	1/2	3,235.07	1/2	2,891.12	1/2	2,547.01	1/2	2,202.87	1/2	1,864.36		
3/4		3/4	4,566.84	3/4	4,251.43	3/4	3,915.79	3/4	3,571.85	3/4	3,227.90	3/4	2,883.96	3/4	2,539.84	3/4	2,195.70	3/4	1,857.23		
11	11	11	4,560.48	11	4,244.64	11	3,908.62	11	3,564.68	11	3,220.74	11	2,876.79	11	2,532.67	11	2,188.53	11	1,850.09		
1/4		1/4	4,554.12	1/4	4,237.85	1/4	3,901.46	1/4	3,557.51	1/4	3,213.57	1/4	2,869.63	1/4	2,525.50	1/4	2,181.36	1/4	1,842.96		
1/2		1/2	4,547.75	1/2	4,231.06	1/2	3,894.29	1/2	3,550.35	1/2	3,206.41	1/2	2,862.46	1/2	2,518.33	1/2	2,174.19	1/2	1,835.82		
3/4		3/4	4,541.39	3/4	4,224.26	3/4	3,887.13	3/4	3,543.18	3/4	3,199.24	3/4	2,855.30	3/4	2,511.16	3/4	2,167.02	3/4	1,828.68		

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 40'-00" FORWARD OF AFT BULKHEAD.

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

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



# BARGE "CTCo 332"

## 2 PORT 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	1,821.52	0	1,477.34	0	1,133.34	0	803.08	0	459.11	0	114.92	0		0		0		0	
1/4	1,814.36	1/4	1,470.17	1/4	1,126.38	1/4	795.99	1/4	451.94	1/4	107.76	1/4		1/4		1/4		1/4	
1/2	1,807.20	1/2	1,463.00	1/2	1,119.43	1/2	788.89	1/2	444.77	1/2	100.60	1/2		1/2		1/2		1/2	
3/4	1,800.03	3/4	1,455.83	3/4	1,112.47	3/4	781.80	3/4	437.60	3/4	93.44	3/4		3/4		3/4		3/4	
1	1,792.86	1	1,448.65	1	1,105.58	1	774.63	1	430.43	1	86.29	1		1		1		1	
1/4	1,785.69	1/4	1,441.48	1/4	1,098.69	1/4	767.46	1/4	423.26	1/4	79.15	1/4		1/4		1/4		1/4	
1/2	1,778.52	1/2	1,434.31	1/2	1,091.80	1/2	760.28	1/2	416.09	1/2	72.01	1/2		1/2		1/2		1/2	
3/4	1,771.35	3/4	1,427.14	3/4	1,084.92	3/4	753.11	3/4	408.92	3/4	64.87	3/4		3/4		3/4		3/4	
2	1,764.18	2	1,419.97	2	1,078.04	2	745.94	2	401.74	2	58.38	2		2		2		2	
1/4	1,757.01	1/4	1,412.80	1/4	1,071.16	1/4	738.77	1/4	394.57	1/4	51.89	1/4		1/4		1/4		1/4	
1/2	1,749.84	1/2	1,405.63	1/2	1,064.28	1/2	731.60	1/2	387.40	1/2	45.40	1/2		1/2		1/2		1/2	
3/4	1,742.67	3/4	1,398.46	3/4	1,057.41	3/4	724.43	3/4	380.23	3/4	38.91	3/4		3/4		3/4		3/4	
3	1,735.49	3	1,391.29	3	1,050.53	3	717.26	3	373.06	3	33.98	3		3		3		3	
1/4	1,728.32	1/4	1,384.12	1/4	1,043.66	1/4	710.09	1/4	365.89	1/4	29.05	1/4		1/4		1/4		1/4	
1/2	1,721.15	1/2	1,376.94	1/2	1,036.79	1/2	702.92	1/2	358.72	1/2	24.12	1/2		1/2		1/2		1/2	
3/4	1,713.98	3/4	1,369.77	3/4	1,029.91	3/4	695.75	3/4	351.55	3/4	19.19	3/4		3/4		3/4		3/4	
4	1,706.81	4	1,362.60	4	1,023.04	4	688.58	4	344.38	4		4		4		4		4	
1/4	1,699.64	1/4	1,355.43	1/4	1,016.17	1/4	681.41	1/4	337.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,692.47	1/2	1,348.26	1/2	1,009.31	1/2	674.24	1/2	330.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,685.30	3/4	1,341.09	3/4	1,002.44	3/4	667.06	3/4	322.87	3/4		3/4		3/4		3/4		3/4	
5	1,678.13	5	1,333.92	5	995.57	5	659.89	5	315.70	5		5		5		5		5	
1/4	1,670.96	1/4	1,326.75	1/4	988.70	1/4	652.72	1/4	308.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,663.78	1/2	1,319.58	1/2	981.84	1/2	645.55	1/2	301.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,656.61	3/4	1,312.41	3/4	974.97	3/4	638.38	3/4	294.18	3/4		3/4		3/4		3/4		3/4	
6	1,649.44	6	1,305.23	6	968.11	6	631.21	6	287.01	6		6		6		6		6	
1/4	1,642.27	1/4	1,298.06	1/4	961.24	1/4	624.04	1/4	279.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,635.10	1/2	1,290.89	1/2	954.37	1/2	616.87	1/2	272.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,627.93	3/4	1,283.72	3/4	947.51	3/4	609.70	3/4	265.50	3/4		3/4		3/4		3/4		3/4	
7	1,620.76	7	1,276.55	7	940.64	7	602.53	7	258.33	7		7		7		7		7	
1/4	1,613.59	1/4	1,269.38	1/4	933.77	1/4	595.36	1/4	251.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,606.42	1/2	1,262.21	1/2	926.91	1/2	588.19	1/2	243.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,599.25	3/4	1,255.04	3/4	920.04	3/4	581.01	3/4	236.82	3/4		3/4		3/4		3/4		3/4	
8	1,592.07	8	1,247.87	8	913.17	8	573.84	8	229.65	8		8		8		8		8	
1/4	1,584.90	1/4	1,240.70	1/4	906.31	1/4	566.67	1/4	222.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,577.73	1/2	1,233.52	1/2	899.44	1/2	559.50	1/2	215.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,570.56	3/4	1,226.35	3/4	892.57	3/4	552.33	3/4	208.13	3/4		3/4		3/4		3/4		3/4	
9	1,563.39	9	1,219.18	9	885.71	9	545.16	9	200.96	9		9		9		9		9	
1/4	1,556.22	1/4	1,212.01	1/4	878.84	1/4	537.99	1/4	193.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,549.05	1/2	1,204.84	1/2	871.97	1/2	530.82	1/2	186.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,541.88	3/4	1,197.67	3/4	865.11	3/4	523.65	3/4	179.45	3/4		3/4		3/4		3/4		3/4	
10	1,534.71	10	1,190.50	10	858.24	10	516.48	10	172.28	10		10		10		10		10	
1/4	1,527.54	1/4	1,183.33	1/4	851.37	1/4	509.31	1/4	165.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,520.36	1/2	1,176.16	1/2	844.51	1/2	502.14	1/2	157.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,513.19	3/4	1,168.99	3/4	837.64	3/4	494.97	3/4	150.77	3/4		3/4		3/4		3/4		3/4	
11	1,506.02	11	1,161.81	11	830.78	11	487.79	11	143.60	11		11		11		11		11	
1/4	1,498.85	1/4	1,154.64	1/4	823.91	1/4	480.62	1/4	136.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,491.68	1/2	1,147.47	1/2	817.04	1/2	473.45	1/2	129.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,484.51	3/4	1,140.30	3/4	810.18	3/4	466.28	3/4	122.09	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/23/2014 CL  
CALCULATED: 07/24/2014 CL  
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

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







# BARGE "CTCo 332"

**2 STBD**  
**ULLAGE TABLE**  
**HERMETIC**  
**GAUGE HEIGHT 15'-04"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,842.61	0	1,498.43	0	1,154.23	0	810.46	0	466.28	0	122.08	0		0		0		0	
1/4	1,835.45	1/4	1,491.26	1/4	1,147.06	1/4	803.30	1/4	459.11	1/4	114.92	1/4		1/4		1/4		1/4	
1/2	1,828.28	1/2	1,484.09	1/2	1,139.88	1/2	796.13	1/2	451.94	1/2	107.76	1/2		1/2		1/2		1/2	
3/4	1,821.12	3/4	1,476.92	3/4	1,132.71	3/4	788.96	3/4	444.77	3/4	100.59	3/4		3/4		3/4		3/4	
1	1,813.96	1	1,469.75	1	1,125.54	1	781.79	1	437.59	1	93.43	1		1		1		1	
1/4	1,806.79	1/4	1,462.58	1/4	1,118.37	1/4	774.62	1/4	430.42	1/4	86.29	1/4		1/4		1/4		1/4	
1/2	1,799.62	1/2	1,455.41	1/2	1,111.20	1/2	767.45	1/2	423.25	1/2	79.15	1/2		1/2		1/2		1/2	
3/4	1,792.45	3/4	1,448.24	3/4	1,104.03	3/4	760.28	3/4	416.08	3/4	72.01	3/4		3/4		3/4		3/4	
2	1,785.27	2	1,441.07	2	1,096.86	2	753.11	2	408.91	2	64.86	2		2		2		2	
1/4	1,778.10	1/4	1,433.90	1/4	1,089.69	1/4	745.94	1/4	401.74	1/4	58.37	1/4		1/4		1/4		1/4	
1/2	1,770.93	1/2	1,426.72	1/2	1,082.52	1/2	738.77	1/2	394.57	1/2	51.89	1/2		1/2		1/2		1/2	
3/4	1,763.76	3/4	1,419.55	3/4	1,075.36	3/4	731.60	3/4	387.40	3/4	45.40	3/4		3/4		3/4		3/4	
3	1,756.59	3	1,412.38	3	1,068.19	3	724.43	3	380.23	3	38.91	3		3		3		3	
1/4	1,749.42	1/4	1,405.21	1/4	1,061.03	1/4	717.26	1/4	373.06	1/4	33.98	1/4		1/4		1/4		1/4	
1/2	1,742.25	1/2	1,398.04	1/2	1,053.86	1/2	710.08	1/2	365.89	1/2	29.05	1/2		1/2		1/2		1/2	
3/4	1,735.08	3/4	1,390.87	3/4	1,046.69	3/4	702.91	3/4	358.72	3/4	24.12	3/4		3/4		3/4		3/4	
4	1,727.91	4	1,383.70	4	1,039.53	4	695.74	4	351.54	4	19.19	4		4		4		4	
1/4	1,720.74	1/4	1,376.53	1/4	1,032.37	1/4	688.57	1/4	344.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,713.56	1/2	1,369.36	1/2	1,025.21	1/2	681.40	1/2	337.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,706.39	3/4	1,362.19	3/4	1,018.05	3/4	674.23	3/4	330.03	3/4		3/4		3/4		3/4		3/4	
5	1,699.22	5	1,355.01	5	1,010.89	5	667.06	5	322.86	5		5		5		5		5	
1/4	1,692.05	1/4	1,347.84	1/4	1,003.73	1/4	659.89	1/4	315.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,684.88	1/2	1,340.67	1/2	996.57	1/2	652.72	1/2	308.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,677.71	3/4	1,333.50	3/4	989.42	3/4	645.55	3/4	301.35	3/4		3/4		3/4		3/4		3/4	
6	1,670.54	6	1,326.33	6	982.26	6	638.38	6	294.18	6		6		6		6		6	
1/4	1,663.37	1/4	1,319.16	1/4	975.10	1/4	631.21	1/4	287.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,656.20	1/2	1,311.99	1/2	967.94	1/2	624.04	1/2	279.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.03	3/4	1,304.82	3/4	960.78	3/4	616.86	3/4	272.67	3/4		3/4		3/4		3/4		3/4	
7	1,641.85	7	1,297.65	7	953.63	7	609.69	7	265.50	7		7		7		7		7	
1/4	1,634.68	1/4	1,290.48	1/4	946.47	1/4	602.52	1/4	258.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,627.51	1/2	1,283.30	1/2	939.31	1/2	595.35	1/2	251.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,620.34	3/4	1,276.13	3/4	932.15	3/4	588.18	3/4	243.98	3/4		3/4		3/4		3/4		3/4	
8	1,613.17	8	1,268.96	8	924.99	8	581.01	8	236.81	8		8		8		8		8	
1/4	1,606.00	1/4	1,261.79	1/4	917.83	1/4	573.84	1/4	229.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.83	1/2	1,254.62	1/2	910.68	1/2	566.67	1/2	222.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,591.66	3/4	1,247.45	3/4	903.52	3/4	559.50	3/4	215.30	3/4		3/4		3/4		3/4		3/4	
9	1,584.49	9	1,240.28	9	896.36	9	552.33	9	208.13	9		9		9		9		9	
1/4	1,577.32	1/4	1,233.11	1/4	889.20	1/4	545.16	1/4	200.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,570.14	1/2	1,225.94	1/2	882.04	1/2	537.99	1/2	193.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,562.97	3/4	1,218.77	3/4	874.89	3/4	530.81	3/4	186.62	3/4		3/4		3/4		3/4		3/4	
10	1,555.80	10	1,211.59	10	867.73	10	523.64	10	179.45	10		10		10		10		10	
1/4	1,548.63	1/4	1,204.42	1/4	860.57	1/4	516.47	1/4	172.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,541.46	1/2	1,197.25	1/2	853.41	1/2	509.30	1/2	165.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,534.29	3/4	1,190.08	3/4	846.25	3/4	502.13	3/4	157.93	3/4		3/4		3/4		3/4		3/4	
11	1,527.12	11	1,182.91	11	839.10	11	494.96	11	150.76	11		11		11		11		11	
1/4	1,519.95	1/4	1,175.74	1/4	831.94	1/4	487.79	1/4	143.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,512.78	1/2	1,168.57	1/2	824.78	1/2	480.62	1/2	136.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,505.61	3/4	1,161.40	3/4	817.62	3/4	473.45	3/4	129.25	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/23/2014 CL  
 CALCULATED: 07/24/2014 CL  
 PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 07/2014

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



# BARGE "CTCo 332"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	4,411.80	0	4,234.49	0	4,052.99	0	3,860.43	0	3,665.08	0	3,334.11	0	2,971.12	0	2,607.91	0	2,245.94
1/4		1/4	4,408.91	1/4	4,230.85	1/4	4,049.08	1/4	3,856.36	1/4	3,661.01	1/4	3,326.57	1/4	2,963.56	1/4	2,600.34	1/4	2,238.43
1/2		1/2	4,406.02	1/2	4,227.21	1/2	4,045.17	1/2	3,852.29	1/2	3,656.94	1/2	3,319.03	1/2	2,955.99	1/2	2,592.77	1/2	2,230.92
3/4		3/4	4,402.17	3/4	4,223.53	3/4	4,041.24	3/4	3,848.22	3/4	3,652.87	3/4	3,311.47	3/4	2,948.42	3/4	2,585.19	3/4	2,223.41
1		1	4,398.33	1	4,219.84	1	4,037.32	1	3,844.15	1	3,648.80	1	3,303.91	1	2,940.86	1	2,577.62	1	2,215.89
1/4		1/4	4,394.49	1/4	4,216.16	1/4	4,033.39	1/4	3,840.08	1/4	3,644.73	1/4	3,296.36	1/4	2,933.29	1/4	2,570.05	1/4	2,208.38
1/2		1/2	4,390.65	1/2	4,212.48	1/2	4,029.46	1/2	3,836.01	1/2	3,640.66	1/2	3,288.80	1/2	2,925.73	1/2	2,562.47	1/2	2,200.87
3/4		3/4	4,386.62	3/4	4,208.77	3/4	4,025.51	3/4	3,831.94	3/4	3,635.28	3/4	3,281.23	3/4	2,918.16	3/4	2,554.90	3/4	2,193.36
2		2	4,382.58	2	4,205.07	2	4,021.57	2	3,827.87	2	3,629.89	2	3,273.67	2	2,910.59	2	2,547.33	2	2,185.85
1/4		1/4	4,378.55	1/4	4,201.36	1/4	4,017.62	1/4	3,823.80	1/4	3,624.50	1/4	3,266.11	1/4	2,903.03	1/4	2,539.75	1/4	2,178.34
1/2		1/2	4,374.52	1/2	4,197.65	1/2	4,013.68	1/2	3,819.73	1/2	3,619.11	1/2	3,258.54	1/2	2,895.46	1/2	2,532.18	1/2	2,170.83
3/4		3/4	4,370.49	3/4	4,193.92	3/4	4,009.71	3/4	3,815.66	3/4	3,615.99	3/4	3,250.98	3/4	2,887.90	3/4	2,524.64	3/4	2,163.32
3		3	4,366.46	3	4,190.20	3	4,005.75	3	3,811.59	3	3,610.87	3	3,243.42	3	2,880.33	3	2,517.09	3	2,155.81
1/4		1/4	4,362.43	1/4	4,186.47	1/4	4,001.78	1/4	3,807.52	1/4	3,597.75	1/4	3,235.85	1/4	2,872.76	1/4	2,509.55	1/4	2,148.30
1/2		1/2	4,358.40	1/2	4,182.74	1/2	3,997.82	1/2	3,803.45	1/2	3,590.62	1/2	3,228.29	1/2	2,865.20	1/2	2,502.00	1/2	2,140.79
3/4		3/4	4,354.37	3/4	4,178.99	3/4	3,993.84	3/4	3,799.38	3/4	3,583.07	3/4	3,220.73	3/4	2,857.63	3/4	2,494.47	3/4	2,133.28
4		4	4,350.34	4	4,175.25	4	3,989.86	4	3,795.31	4	3,575.51	4	3,213.16	4	2,850.07	4	2,486.93	4	2,125.77
1/4		1/4	4,346.31	1/4	4,171.50	1/4	3,985.87	1/4	3,791.24	1/4	3,567.96	1/4	3,205.60	1/4	2,842.50	1/4	2,479.40	1/4	2,118.26
1/2		1/2	4,342.28	1/2	4,167.75	1/2	3,981.89	1/2	3,787.17	1/2	3,560.41	1/2	3,198.04	1/2	2,834.93	1/2	2,471.86	1/2	2,110.75
3/4		3/4	4,338.63	3/4	4,163.99	3/4	3,977.89	3/4	3,783.10	3/4	3,552.86	3/4	3,190.47	3/4	2,827.37	3/4	2,464.33	3/4	2,103.24
5		5	4,334.98	5	4,160.22	5	3,973.89	5	3,779.03	5	3,545.32	5	3,182.91	5	2,819.80	5	2,456.79	5	2,095.72
1/4		1/4	4,331.33	1/4	4,156.45	1/4	3,969.88	1/4	3,774.96	1/4	3,537.77	1/4	3,175.35	1/4	2,812.23	1/4	2,449.26	1/4	2,088.21
1/2		1/2	4,327.69	1/2	4,152.69	1/2	3,965.88	1/2	3,770.89	1/2	3,530.22	1/2	3,167.78	1/2	2,804.67	1/2	2,441.72	1/2	2,080.70
3/4		3/4	4,324.15	3/4	4,148.91	3/4	3,961.86	3/4	3,766.82	3/4	3,522.68	3/4	3,160.22	3/4	2,797.10	3/4	2,434.19	3/4	2,073.73
6		6	4,320.62	6	4,145.12	6	3,957.83	6	3,762.75	6	3,515.14	6	3,152.66	6	2,789.54	6	2,426.65	6	2,066.76
1/4		1/4	4,317.09	1/4	4,141.34	1/4	3,953.81	1/4	3,758.68	1/4	3,507.60	1/4	3,145.09	1/4	2,781.97	1/4	2,419.12	1/4	2,059.79
1/2		1/2	4,313.55	1/2	4,137.56	1/2	3,949.79	1/2	3,754.61	1/2	3,500.05	1/2	3,137.53	1/2	2,774.40	1/2	2,411.58	1/2	2,052.81
3/4		3/4	4,310.00	3/4	4,133.76	3/4	3,945.75	3/4	3,750.55	3/4	3,492.51	3/4	3,129.97	3/4	2,766.84	3/4	2,404.05	3/4	2,046.02
7		7	4,306.45	7	4,129.95	7	3,941.71	7	3,746.48	7	3,484.97	7	3,122.40	7	2,759.27	7	2,396.51	7	2,039.23
1/4		1/4	4,302.90	1/4	4,126.15	1/4	3,937.67	1/4	3,742.41	1/4	3,477.43	1/4	3,114.84	1/4	2,751.71	1/4	2,388.98	1/4	2,032.44
1/2		1/2	4,299.35	1/2	4,122.35	1/2	3,933.63	1/2	3,738.34	1/2	3,469.88	1/2	3,107.28	1/2	2,744.14	1/2	2,381.44	1/2	2,025.64
3/4		3/4	4,295.78	3/4	4,118.53	3/4	3,929.57	3/4	3,734.27	3/4	3,462.34	3/4	3,099.71	3/4	2,736.57	3/4	2,373.91	3/4	2,018.34
8		8	4,292.21	8	4,114.71	8	3,925.51	8	3,730.20	8	3,454.80	8	3,092.15	8	2,729.01	8	2,366.37	8	2,011.03
1/4		1/4	4,288.64	1/4	4,110.89	1/4	3,921.45	1/4	3,726.13	1/4	3,447.26	1/4	3,084.59	1/4	2,721.44	1/4	2,358.84	1/4	2,003.72
1/2		1/2	4,285.07	1/2	4,107.08	1/2	3,917.39	1/2	3,722.06	1/2	3,439.71	1/2	3,077.02	1/2	2,713.88	1/2	2,351.30	1/2	1,996.42
3/4		3/4	4,281.48	3/4	4,103.24	3/4	3,913.33	3/4	3,717.99	3/4	3,432.17	3/4	3,069.46	3/4	2,706.31	3/4	2,343.77	3/4	1,988.94
9		9	4,277.89	9	4,099.40	9	3,909.26	9	3,713.92	9	3,424.63	9	3,061.90	9	2,698.74	9	2,336.23	9	1,981.47
1/4		1/4	4,274.30	1/4	4,095.56	1/4	3,905.19	1/4	3,709.85	1/4	3,417.08	1/4	3,054.33	1/4	2,691.18	1/4	2,328.70	1/4	1,973.99
1/2		1/2	4,270.71	1/2	4,091.73	1/2	3,901.12	1/2	3,705.78	1/2	3,409.54	1/2	3,046.77	1/2	2,683.61	1/2	2,321.16	1/2	1,966.51
3/4		3/4	4,267.11	3/4	4,087.87	3/4	3,897.05	3/4	3,701.71	3/4	3,402.00	3/4	3,039.21	3/4	2,676.05	3/4	2,313.63	3/4	1,959.04
10		10	4,263.50	10	4,084.02	10	3,892.98	10	3,697.64	10	3,394.46	10	3,031.64	10	2,668.48	10	2,306.09	10	1,951.56
1/4		1/4	4,259.89	1/4	4,080.16	1/4	3,888.91	1/4	3,693.57	1/4	3,386.91	1/4	3,024.08	1/4	2,660.91	1/4	2,298.56	1/4	1,944.08
1/2		1/2	4,256.28	1/2	4,076.31	1/2	3,884.85	1/2	3,689.50	1/2	3,379.37	1/2	3,016.51	1/2	2,653.35	1/2	2,291.02	1/2	1,936.61
3/4		3/4	4,252.66	3/4	4,072.43	3/4	3,880.78	3/4	3,685.43	3/4	3,371.83	3/4	3,008.95	3/4	2,645.78	3/4	2,283.51	3/4	1,929.06
11		11	4,249.03	11	4,068.55	11	3,876.71	11	3,681.36	11	3,364.29	11	3,001.39	11	2,638.20	11	2,275.99	11	1,921.51
1/4		1/4	4,245.41	1/4	4,064.68	1/4	3,872.64	1/4	3,677.29	1/4	3,356.74	1/4	2,993.82	1/4	2,630.63	1/4	2,268.47	1/4	1,913.96
1/2	4,417.59	1/2	4,241.78	1/2	4,060.80	1/2	3,868.57	1/2	3,673.22	1/2	3,349.20	1/2	2,986.26	1/2	2,623.06	1/2	2,260.96	1/2	1,906.41
3/4	4,414.70	3/4	4,238.14	3/4	4,056.89	3/4	3,864.50	3/4	3,669.15	3/4	3,341.66	3/4	2,978.69	3/4	2,615.49	3/4	2,253.45	3/4	1,898.84

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 332"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	1,891.26	0	1,527.67	0	1,165.12	0	811.26	0	447.47	0	83.76	0		0		0		0	
1/4	1,883.69	1/4	1,520.09	1/4	1,157.76	1/4	803.68	1/4	439.89	1/4	76.20	1/4		1/4		1/4		1/4	
1/2	1,876.11	1/2	1,512.52	1/2	1,150.39	1/2	796.10	1/2	432.32	1/2	68.64	1/2		1/2		1/2		1/2	
3/4	1,868.54	3/4	1,504.94	3/4	1,143.04	3/4	788.52	3/4	424.74	3/4	61.77	3/4		3/4		3/4		3/4	
1	1,860.96	1	1,497.37	1	1,135.68	1	780.94	1	417.16	1	54.91	1		1		1		1	
1/4	1,853.39	1/4	1,489.79	1/4	1,128.32	1/4	773.37	1/4	409.58	1/4	48.04	1/4		1/4		1/4		1/4	
1/2	1,845.81	1/2	1,482.22	1/2	1,120.97	1/2	765.79	1/2	402.01	1/2	41.17	1/2		1/2		1/2		1/2	
3/4	1,838.24	3/4	1,474.64	3/4	1,113.62	3/4	758.21	3/4	394.43	3/4	35.95	3/4		3/4		3/4		3/4	
2	1,830.66	2	1,467.07	2	1,106.26	2	750.63	2	386.85	2	30.73	2		2		2		2	
1/4	1,823.09	1/4	1,459.49	1/4	1,098.91	1/4	743.05	1/4	379.27	1/4	25.51	1/4		1/4		1/4		1/4	
1/2	1,815.51	1/2	1,451.92	1/2	1,091.56	1/2	735.47	1/2	371.69	1/2	20.29	1/2		1/2		1/2		1/2	
3/4	1,807.94	3/4	1,444.34	3/4	1,084.21	3/4	727.89	3/4	364.12	3/4		3/4		3/4		3/4		3/4	
3	1,800.36	3	1,436.77	3	1,076.86	3	720.31	3	356.54	3		3		3		3		3	
1/4	1,792.79	1/4	1,429.19	1/4	1,069.52	1/4	712.73	1/4	348.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,785.21	1/2	1,421.62	1/2	1,062.17	1/2	705.15	1/2	341.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,777.64	3/4	1,414.04	3/4	1,054.82	3/4	697.57	3/4	333.81	3/4		3/4		3/4		3/4		3/4	
4	1,770.06	4	1,406.47	4	1,047.48	4	690.00	4	326.23	4		4		4		4		4	
1/4	1,762.49	1/4	1,398.89	1/4	1,040.13	1/4	682.42	1/4	318.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,754.91	1/2	1,391.32	1/2	1,032.79	1/2	674.84	1/2	311.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,747.34	3/4	1,383.74	3/4	1,025.44	3/4	667.26	3/4	303.50	3/4		3/4		3/4		3/4		3/4	
5	1,739.76	5	1,376.17	5	1,018.10	5	659.68	5	295.92	5		5		5		5		5	
1/4	1,732.19	1/4	1,368.59	1/4	1,010.75	1/4	652.10	1/4	288.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,724.61	1/2	1,361.02	1/2	1,003.41	1/2	644.52	1/2	280.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,717.04	3/4	1,353.44	3/4	996.06	3/4	636.94	3/4	273.18	3/4		3/4		3/4		3/4		3/4	
6	1,709.46	6	1,345.87	6	988.72	6	629.36	6	265.61	6		6		6		6		6	
1/4	1,701.89	1/4	1,338.29	1/4	981.37	1/4	621.78	1/4	258.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.31	1/2	1,330.72	1/2	974.02	1/2	614.20	1/2	250.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,686.74	3/4	1,323.14	3/4	966.68	3/4	606.63	3/4	242.87	3/4		3/4		3/4		3/4		3/4	
7	1,679.16	7	1,315.57	7	959.33	7	599.05	7	235.29	7		7		7		7		7	
1/4	1,671.59	1/4	1,307.99	1/4	951.99	1/4	591.47	1/4	227.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,664.01	1/2	1,300.42	1/2	944.64	1/2	583.89	1/2	220.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,656.44	3/4	1,292.84	3/4	937.30	3/4	576.31	3/4	212.56	3/4		3/4		3/4		3/4		3/4	
8	1,648.86	8	1,285.27	8	929.95	8	568.73	8	204.98	8		8		8		8		8	
1/4	1,641.29	1/4	1,277.69	1/4	922.61	1/4	561.15	1/4	197.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,633.71	1/2	1,270.12	1/2	915.26	1/2	553.57	1/2	189.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,626.14	3/4	1,262.54	3/4	907.92	3/4	545.99	3/4	182.24	3/4		3/4		3/4		3/4		3/4	
9	1,618.56	9	1,254.97	9	900.57	9	538.41	9	174.66	9		9		9		9		9	
1/4	1,610.99	1/4	1,247.39	1/4	893.22	1/4	530.83	1/4	167.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,603.41	1/2	1,239.82	1/2	885.88	1/2	523.26	1/2	159.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,595.84	3/4	1,232.24	3/4	878.53	3/4	515.68	3/4	151.92	3/4		3/4		3/4		3/4		3/4	
10	1,588.26	10	1,224.67	10	871.19	10	508.10	10	144.34	10		10		10		10		10	
1/4	1,580.69	1/4	1,217.09	1/4	863.84	1/4	500.52	1/4	136.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,573.11	1/2	1,209.52	1/2	856.50	1/2	492.94	1/2	129.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,565.54	3/4	1,202.10	3/4	848.98	3/4	485.36	3/4	121.61	3/4		3/4		3/4		3/4		3/4	
11	1,557.97	11	1,194.68	11	841.46	11	477.78	11	114.03	11		11		11		11		11	
1/4	1,550.39	1/4	1,187.27	1/4	833.94	1/4	470.21	1/4	106.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,542.82	1/2	1,179.85	1/2	826.42	1/2	462.63	1/2	98.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,535.24	3/4	1,172.49	3/4	818.84	3/4	455.05	3/4	91.32	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/23/2014 CL  
CALCULATED: 07/24/2014 CL  
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

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



# BARGE "CTCo 332"

## 3 STBD 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.		
0	0	4,429.73	0	4,251.86	0	4,070.26	0	3,877.69	0	3,682.51	0	3,347.58	0	2,983.78	0	2,619.79	0	2,255.49		
1/4	1/4	4,426.85	1/4	4,248.22	1/4	4,066.36	1/4	3,873.63	1/4	3,678.45	1/4	3,340.02	1/4	2,976.20	1/4	2,612.20	1/4	2,247.90		
1/2	1/2	4,423.01	1/2	4,244.54	1/2	4,062.43	1/2	3,869.56	1/2	3,674.38	1/2	3,332.45	1/2	2,968.62	1/2	2,604.61	1/2	2,240.31		
3/4	3/4	4,419.17	3/4	4,240.86	3/4	4,058.51	3/4	3,865.49	3/4	3,670.32	3/4	3,324.87	3/4	2,961.03	3/4	2,597.02	3/4	2,232.72		
1	1	4,415.33	1	4,237.18	1	4,054.58	1	3,861.43	1	3,666.25	1	3,317.30	1	2,953.45	1	2,593.43	1	2,225.13		
1/4	1/4	4,411.49	1/4	4,233.50	1/4	4,050.66	1/4	3,857.36	1/4	3,662.18	1/4	3,309.72	1/4	2,945.87	1/4	2,581.84	1/4	2,217.54		
1/2	1/2	4,407.47	1/2	4,229.80	1/2	4,046.71	1/2	3,853.30	1/2	3,656.80	1/2	3,302.14	1/2	2,938.29	1/2	2,574.25	1/2	2,209.95		
3/4	3/4	4,403.44	3/4	4,226.10	3/4	4,042.77	3/4	3,849.23	3/4	3,651.41	3/4	3,294.56	3/4	2,930.71	3/4	2,566.66	3/4	2,202.36		
2	2	4,399.41	2	4,222.39	2	4,038.83	2	3,845.16	2	3,646.03	2	3,286.98	2	2,923.12	2	2,559.07	2	2,194.77		
1/4	1/4	4,395.38	1/4	4,218.69	1/4	4,034.89	1/4	3,841.10	1/4	3,640.64	1/4	3,279.40	1/4	2,915.54	1/4	2,551.48	1/4	2,187.18		
1/2	1/2	4,391.36	1/2	4,214.97	1/2	4,030.93	1/2	3,837.03	1/2	3,633.52	1/2	3,271.82	1/2	2,907.96	1/2	2,543.90	1/2	2,179.59		
3/4	3/4	4,387.33	3/4	4,211.24	3/4	4,026.97	3/4	3,832.96	3/4	3,626.39	3/4	3,264.24	3/4	2,900.38	3/4	2,536.31	3/4	2,172.00		
3	3	4,383.30	3	4,207.52	3	4,023.01	3	3,828.90	3	3,619.27	3	3,256.66	3	2,892.79	3	2,528.72	3	2,164.42		
1/4	1/4	4,379.27	1/4	4,203.79	1/4	4,019.04	1/4	3,824.83	1/4	3,612.14	1/4	3,249.08	1/4	2,885.21	1/4	2,521.13	1/4	2,156.83		
1/2	1/2	4,375.25	1/2	4,200.05	1/2	4,015.07	1/2	3,820.77	1/2	3,604.58	1/2	3,241.50	1/2	2,877.63	1/2	2,513.54	1/2	2,149.24		
3/4	3/4	4,371.22	3/4	4,196.31	3/4	4,011.09	3/4	3,816.70	3/4	3,597.02	3/4	3,233.93	3/4	2,870.05	3/4	2,505.95	3/4	2,141.65		
4	4	4,367.19	4	4,192.56	4	4,007.11	4	3,812.63	4	3,589.46	4	3,226.35	4	2,862.47	4	2,498.36	4	2,134.06		
1/4	1/4	4,363.17	1/4	4,188.82	1/4	4,003.13	1/4	3,808.57	1/4	3,581.90	1/4	3,218.77	1/4	2,854.88	1/4	2,490.77	1/4	2,126.47		
1/2	1/2	4,359.52	1/2	4,185.06	1/2	3,999.13	1/2	3,804.50	1/2	3,574.35	1/2	3,211.19	1/2	2,847.30	1/2	2,483.18	1/2	2,118.88		
3/4	3/4	4,355.88	3/4	4,181.30	3/4	3,995.13	3/4	3,800.43	3/4	3,566.79	3/4	3,203.61	3/4	2,839.72	3/4	2,475.59	3/4	2,111.29		
5	5	4,352.23	5	4,177.53	5	3,991.13	5	3,796.37	5	3,559.23	5	3,196.03	5	2,832.14	5	2,468.00	5	2,103.70		
1/4	1/4	4,348.59	1/4	4,173.77	1/4	3,987.13	1/4	3,792.30	1/4	3,551.67	1/4	3,188.45	1/4	2,824.55	1/4	2,460.41	1/4	2,096.11		
1/2	1/2	4,345.06	1/2	4,169.99	1/2	3,983.11	1/2	3,788.24	1/2	3,544.11	1/2	3,180.87	1/2	2,816.97	1/2	2,452.82	1/2	2,089.06		
3/4	3/4	4,341.53	3/4	4,166.21	3/4	3,979.09	3/4	3,784.17	3/4	3,536.55	3/4	3,173.29	3/4	2,809.39	3/4	2,445.23	3/4	2,082.01		
6	6	4,338.00	6	4,162.43	6	3,975.07	6	3,780.10	6	3,528.99	6	3,165.71	6	2,801.81	6	2,437.64	6	2,074.96		
1/4	1/4	4,334.47	1/4	4,158.65	1/4	3,971.05	1/4	3,776.04	1/4	3,521.43	1/4	3,158.13	1/4	2,794.22	1/4	2,430.05	1/4	2,067.91		
1/2	1/2	4,330.92	1/2	4,154.86	1/2	3,967.02	1/2	3,771.97	1/2	3,513.87	1/2	3,150.55	1/2	2,786.64	1/2	2,422.46	1/2	2,061.03		
3/4	3/4	4,327.38	3/4	4,151.06	3/4	3,962.98	3/4	3,767.90	3/4	3,506.32	3/4	3,142.97	3/4	2,779.06	3/4	2,414.87	3/4	2,054.16		
7	7	4,323.83	7	4,147.26	7	3,958.94	7	3,763.84	7	3,498.76	7	3,135.39	7	2,771.48	7	2,407.28	7	2,047.29		
1/4	1/4	4,320.29	1/4	4,143.46	1/4	3,954.91	1/4	3,759.77	1/4	3,491.20	1/4	3,127.81	1/4	2,763.90	1/4	2,399.69	1/4	2,040.42		
1/2	1/2	4,316.72	1/2	4,139.65	1/2	3,950.85	1/2	3,755.71	1/2	3,483.64	1/2	3,120.23	1/2	2,756.31	1/2	2,392.10	1/2	2,033.04		
3/4	3/4	4,313.15	3/4	4,135.83	3/4	3,946.80	3/4	3,751.64	3/4	3,476.08	3/4	3,112.65	3/4	2,748.73	3/4	2,384.51	3/4	2,025.65		
8	8	4,309.59	8	4,132.02	8	3,942.74	8	3,747.57	8	3,468.52	8	3,105.07	8	2,741.15	8	2,376.92	8	2,018.27		
1/4	1/4	4,306.02	1/4	4,128.20	1/4	3,938.68	1/4	3,743.51	1/4	3,460.96	1/4	3,097.49	1/4	2,733.57	1/4	2,369.33	1/4	2,010.88		
1/2	1/2	4,302.43	1/2	4,124.37	1/2	3,934.62	1/2	3,739.44	1/2	3,453.40	1/2	3,089.91	1/2	2,725.98	1/2	2,361.74	1/2	2,003.33		
3/4	3/4	4,298.85	3/4	4,120.53	3/4	3,930.55	3/4	3,735.38	3/4	3,445.84	3/4	3,082.33	3/4	2,718.40	3/4	2,354.16	3/4	1,995.77		
9	9	4,295.26	9	4,116.70	9	3,926.49	9	3,731.31	9	3,438.29	9	3,074.75	9	2,710.82	9	2,346.57	9	1,988.22		
1/4	1/4	4,291.68	1/4	4,112.87	1/4	3,922.42	1/4	3,727.24	1/4	3,430.73	1/4	3,067.17	1/4	2,703.24	1/4	2,338.98	1/4	1,980.66		
1/2	1/2	4,288.07	1/2	4,109.02	1/2	3,918.35	1/2	3,723.18	1/2	3,423.17	1/2	3,059.59	1/2	2,695.65	1/2	2,331.39	1/2	1,973.10		
3/4	3/4	4,284.47	3/4	4,105.16	3/4	3,914.29	3/4	3,719.11	3/4	3,415.61	3/4	3,052.01	3/4	2,688.07	3/4	2,323.80	3/4	1,965.55		
10	10	4,280.87	10	4,101.31	10	3,910.22	10	3,715.04	10	3,408.05	10	3,044.44	10	2,680.49	10	2,316.21	10	1,957.99		
1/4	1/4	4,277.26	1/4	4,097.46	1/4	3,906.16	1/4	3,710.98	1/4	3,400.49	1/4	3,036.86	1/4	2,672.91	1/4	2,308.62	1/4	1,950.44		
1/2	1/2	4,273.64	1/2	4,093.59	1/2	3,902.09	1/2	3,706.91	1/2	3,392.93	1/2	3,029.27	1/2	2,665.32	1/2	2,301.03	1/2	1,942.86		
3/4	3/4	4,270.02	3/4	4,089.71	3/4	3,898.02	3/4	3,702.85	3/4	3,385.37	3/4	3,021.69	3/4	2,657.73	3/4	2,293.44	3/4	1,935.27		
11	11	4,266.40	11	4,085.84	11	3,893.96	11	3,698.78	11	3,377.81	11	3,014.11	11	2,650.15	11	2,285.85	11	1,927.69		
1/4	1/4	4,438.40	1/4	4,262.78	1/4	4,081.97	1/4	3,889.89	1/4	3,694.71	1/4	3,370.26	1/4	3,006.53	1/4	2,642.56	1/4	2,278.26	1/4	1,920.11
1/2	1/2	4,435.51	1/2	4,259.14	1/2	4,078.06	1/2	3,885.82	1/2	3,690.65	1/2	3,362.70	1/2	2,998.95	1/2	2,634.97	1/2	2,270.67	1/2	1,912.52
3/4	3/4	4,432.62	3/4	4,255.50	3/4	4,074.16	3/4	3,881.76	3/4	3,686.58	3/4	3,355.14	3/4	2,991.36	3/4	2,627.38	3/4	2,263.08	3/4	1,904.93

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 332"

## 3 STBD 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	1,897.34	0	1,532.97	0	1,168.60	0	804.79	0	440.43	0	76.20	0		0		0		0	
1/4	1,889.75	1/4	1,525.38	1/4	1,161.01	1/4	797.20	1/4	432.84	1/4	68.64	1/4		1/4		1/4		1/4	
1/2	1,882.15	1/2	1,517.79	1/2	1,153.42	1/2	789.61	1/2	425.25	1/2	61.77	1/2		1/2		1/2		1/2	
3/4	1,874.56	3/4	1,510.20	3/4	1,145.84	3/4	782.02	3/4	417.66	3/4	54.90	3/4		3/4		3/4		3/4	
1	1,866.97	1	1,502.60	1	1,138.25	1	774.43	1	410.07	1	48.03	1		1		1		1	
1/4	1,859.38	1/4	1,495.01	1/4	1,130.67	1/4	766.83	1/4	402.48	1/4	41.17	1/4		1/4		1/4		1/4	
1/2	1,851.79	1/2	1,487.42	1/2	1,123.09	1/2	759.24	1/2	394.89	1/2	35.95	1/2		1/2		1/2		1/2	
3/4	1,844.20	3/4	1,479.83	3/4	1,115.50	3/4	751.65	3/4	387.29	3/4	30.73	3/4		3/4		3/4		3/4	
2	1,836.61	2	1,472.24	2	1,107.92	2	744.06	2	379.70	2	25.51	2		2		2		2	
1/4	1,829.02	1/4	1,464.65	1/4	1,100.34	1/4	736.47	1/4	372.11	1/4	20.29	1/4		1/4		1/4		1/4	
1/2	1,821.43	1/2	1,457.06	1/2	1,092.76	1/2	728.88	1/2	364.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,813.84	3/4	1,449.47	3/4	1,085.18	3/4	721.29	3/4	356.93	3/4		3/4		3/4		3/4		3/4	
3	1,806.24	3	1,441.88	3	1,077.60	3	713.70	3	349.34	3		3		3		3		3	
1/4	1,798.65	1/4	1,434.29	1/4	1,070.03	1/4	706.11	1/4	341.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,791.06	1/2	1,426.69	1/2	1,062.45	1/2	698.52	1/2	334.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,783.47	3/4	1,419.10	3/4	1,054.88	3/4	690.93	3/4	326.57	3/4		3/4		3/4		3/4		3/4	
4	1,775.88	4	1,411.51	4	1,047.30	4	683.34	4	318.98	4		4		4		4		4	
1/4	1,768.29	1/4	1,403.92	1/4	1,039.72	1/4	675.74	1/4	311.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,760.70	1/2	1,396.33	1/2	1,032.15	1/2	668.15	1/2	303.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,753.11	3/4	1,388.74	3/4	1,024.57	3/4	660.56	3/4	296.20	3/4		3/4		3/4		3/4		3/4	
5	1,745.52	5	1,381.15	5	1,017.00	5	652.97	5	288.61	5		5		5		5		5	
1/4	1,737.93	1/4	1,373.56	1/4	1,009.42	1/4	645.38	1/4	281.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,730.33	1/2	1,365.97	1/2	1,001.85	1/2	637.79	1/2	273.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,722.74	3/4	1,358.38	3/4	994.27	3/4	630.20	3/4	265.84	3/4		3/4		3/4		3/4		3/4	
6	1,715.15	6	1,350.78	6	986.69	6	622.61	6	258.25	6		6		6		6		6	
1/4	1,707.56	1/4	1,343.19	1/4	979.12	1/4	615.02	1/4	250.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,699.97	1/2	1,335.60	1/2	971.54	1/2	607.43	1/2	243.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,692.38	3/4	1,328.01	3/4	963.97	3/4	599.84	3/4	235.48	3/4		3/4		3/4		3/4		3/4	
7	1,684.79	7	1,320.42	7	956.39	7	592.25	7	227.89	7		7		7		7		7	
1/4	1,677.20	1/4	1,312.83	1/4	948.82	1/4	584.66	1/4	220.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,669.61	1/2	1,305.24	1/2	941.24	1/2	577.06	1/2	212.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,662.02	3/4	1,297.65	3/4	933.66	3/4	569.47	3/4	205.12	3/4		3/4		3/4		3/4		3/4	
8	1,654.42	8	1,290.06	8	926.09	8	561.88	8	197.52	8		8		8		8		8	
1/4	1,646.83	1/4	1,282.47	1/4	918.51	1/4	554.29	1/4	189.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,639.24	1/2	1,274.87	1/2	910.94	1/2	546.70	1/2	182.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,631.65	3/4	1,267.28	3/4	903.36	3/4	539.11	3/4	174.75	3/4		3/4		3/4		3/4		3/4	
9	1,624.06	9	1,259.69	9	895.79	9	531.52	9	167.16	9		9		9		9		9	
1/4	1,616.47	1/4	1,252.10	1/4	888.21	1/4	523.93	1/4	159.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,608.88	1/2	1,244.51	1/2	880.63	1/2	516.34	1/2	151.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,601.29	3/4	1,236.92	3/4	873.06	3/4	508.75	3/4	144.39	3/4		3/4		3/4		3/4		3/4	
10	1,593.70	10	1,229.33	10	865.48	10	501.16	10	136.80	10		10		10		10		10	
1/4	1,586.11	1/4	1,221.74	1/4	857.91	1/4	493.57	1/4	129.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,578.51	1/2	1,214.15	1/2	850.32	1/2	485.97	1/2	121.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,570.92	3/4	1,206.56	3/4	842.73	3/4	478.38	3/4	114.05	3/4		3/4		3/4		3/4		3/4	
11	1,563.33	11	1,198.96	11	835.15	11	470.79	11	106.46	11		11		11		11		11	
1/4	1,555.74	1/4	1,191.37	1/4	827.56	1/4	463.20	1/4	98.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,548.15	1/2	1,183.78	1/2	819.97	1/2	455.61	1/2	91.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,540.56	3/4	1,176.19	3/4	812.38	3/4	448.02	3/4	83.76	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/23/2014 CL  
CALCULATED: 07/24/2014 CL  
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

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