



# BARGE "CTCo 339"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
1 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	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 PORT	- 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
2 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
3 PORT	- 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
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 = 7'-00"  
 DIFF. = 5'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 236'-03"

April 14, 2014

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 339"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.49	0	325.52	0	683.37	0	1,048.49	0	1,414.83	0	1,781.66	0	2,148.50	0	2,515.33	0	2,882.17	0	3,248.88
1/4	27.97	1/4	332.57	1/4	691.01	1/4	1,056.09	1/4	1,422.47	1/4	1,789.30	1/4	2,156.14	1/4	2,522.97	1/4	2,889.81	1/4	3,256.52
1/2	32.46	1/2	339.62	1/2	698.65	1/2	1,063.68	1/2	1,430.11	1/2	1,796.95	1/2	2,163.78	1/2	2,530.62	1/2	2,897.45	1/2	3,264.16
3/4	36.95	3/4	346.68	3/4	706.29	3/4	1,071.28	3/4	1,437.75	3/4	1,804.59	3/4	2,171.42	3/4	2,538.26	3/4	2,905.09	3/4	3,271.79
1	41.43	1	353.73	1	713.94	1	1,078.88	1	1,445.40	1	1,812.23	1	2,179.07	1	2,545.90	1	2,912.74	1	3,279.43
1/4	46.98	1/4	360.87	1/4	721.58	1/4	1,086.49	1/4	1,453.04	1/4	1,819.87	1/4	2,186.71	1/4	2,553.54	1/4	2,920.38	1/4	3,287.07
1/2	52.53	1/2	368.02	1/2	729.22	1/2	1,094.09	1/2	1,460.68	1/2	1,827.52	1/2	2,194.35	1/2	2,561.19	1/2	2,928.02	1/2	3,294.71
3/4	58.08	3/4	375.16	3/4	736.86	3/4	1,101.70	3/4	1,468.32	3/4	1,835.16	3/4	2,201.99	3/4	2,568.83	3/4	2,935.66	3/4	3,302.35
2	63.62	2	382.30	2	744.50	2	1,109.31	2	1,475.96	2	1,842.80	2	2,209.64	2	2,576.47	2	2,943.31	2	3,309.99
1/4	69.73	1/4	389.54	1/4	752.15	1/4	1,116.92	1/4	1,483.61	1/4	1,850.44	1/4	2,217.28	1/4	2,584.11	1/4	2,950.95	1/4	3,317.62
1/2	75.84	1/2	396.77	1/2	759.79	1/2	1,124.53	1/2	1,491.25	1/2	1,858.08	1/2	2,224.92	1/2	2,591.76	1/2	2,958.59	1/2	3,325.26
3/4	81.95	3/4	404.01	3/4	767.43	3/4	1,132.15	3/4	1,498.89	3/4	1,865.73	3/4	2,232.56	3/4	2,599.40	3/4	2,966.23	3/4	3,332.90
3	88.06	3	411.24	3	775.07	3	1,139.76	3	1,506.53	3	1,873.37	3	2,240.20	3	2,607.04	3	2,973.88	3	3,340.54
1/4	94.28	1/4	418.56	1/4	782.69	1/4	1,147.39	1/4	1,514.18	1/4	1,881.01	1/4	2,247.85	1/4	2,614.68	1/4	2,981.52	1/4	3,348.18
1/2	100.50	1/2	425.89	1/2	790.31	1/2	1,155.01	1/2	1,521.82	1/2	1,888.65	1/2	2,255.49	1/2	2,622.32	1/2	2,989.16	1/2	3,355.82
3/4	106.72	3/4	433.21	3/4	797.92	3/4	1,162.64	3/4	1,529.46	3/4	1,896.30	3/4	2,263.13	3/4	2,629.97	3/4	2,996.81	3/4	3,363.45
4	112.94	4	440.54	4	805.54	4	1,170.27	4	1,537.10	4	1,903.94	4	2,270.77	4	2,637.61	4	3,004.45	4	3,371.09
1/4	119.26	1/4	447.95	1/4	813.13	1/4	1,177.91	1/4	1,544.75	1/4	1,911.58	1/4	2,278.42	1/4	2,645.25	1/4	3,012.09	1/4	3,378.73
1/2	125.57	1/2	455.37	1/2	820.72	1/2	1,185.55	1/2	1,552.39	1/2	1,919.22	1/2	2,286.06	1/2	2,652.89	1/2	3,019.73	1/2	3,386.37
3/4	131.89	3/4	462.79	3/4	828.32	3/4	1,193.20	3/4	1,560.03	3/4	1,926.87	3/4	2,293.70	3/4	2,660.54	3/4	3,027.36	3/4	3,394.01
5	138.21	5	470.20	5	835.91	5	1,200.84	5	1,567.67	5	1,934.51	5	2,301.34	5	2,668.18	5	3,035.00	5	3,401.65
1/4	144.63	1/4	477.71	1/4	843.50	1/4	1,208.48	1/4	1,575.32	1/4	1,942.15	1/4	2,308.99	1/4	2,675.82	1/4	3,042.64	1/4	3,409.28
1/2	151.04	1/2	485.21	1/2	851.09	1/2	1,216.12	1/2	1,582.96	1/2	1,949.79	1/2	2,316.63	1/2	2,683.46	1/2	3,050.28	1/2	3,416.92
3/4	157.46	3/4	492.72	3/4	858.68	3/4	1,223.77	3/4	1,590.60	3/4	1,957.44	3/4	2,324.27	3/4	2,691.11	3/4	3,057.92	3/4	3,424.56
6	163.87	6	500.23	6	866.27	6	1,231.41	6	1,598.24	6	1,965.08	6	2,331.91	6	2,698.75	6	3,065.56	6	3,432.20
1/4	170.38	1/4	507.81	1/4	873.87	1/4	1,239.05	1/4	1,605.89	1/4	1,972.72	1/4	2,339.56	1/4	2,706.39	1/4	3,073.20	1/4	3,439.84
1/2	176.89	1/2	515.40	1/2	881.46	1/2	1,246.69	1/2	1,613.53	1/2	1,980.36	1/2	2,347.20	1/2	2,714.03	1/2	3,080.83	1/2	3,447.48
3/4	183.40	3/4	522.98	3/4	889.05	3/4	1,254.34	3/4	1,621.17	3/4	1,988.01	3/4	2,354.84	3/4	2,721.68	3/4	3,088.47	3/4	3,455.12
7	189.90	7	530.57	7	896.64	7	1,261.98	7	1,628.81	7	1,995.65	7	2,362.48	7	2,729.32	7	3,096.11	7	3,462.75
1/4	196.50	1/4	538.20	1/4	904.23	1/4	1,269.62	1/4	1,636.46	1/4	2,003.29	1/4	2,370.13	1/4	2,736.96	1/4	3,103.75	1/4	3,470.39
1/2	203.10	1/2	545.83	1/2	911.82	1/2	1,277.26	1/2	1,644.10	1/2	2,010.93	1/2	2,377.77	1/2	2,744.60	1/2	3,111.39	1/2	3,478.03
3/4	209.70	3/4	553.46	3/4	919.42	3/4	1,284.90	3/4	1,651.74	3/4	2,018.58	3/4	2,385.41	3/4	2,752.25	3/4	3,119.03	3/4	3,485.67
8	216.30	8	561.09	8	927.01	8	1,292.55	8	1,659.38	8	2,026.22	8	2,393.05	8	2,759.89	8	3,126.66	8	3,493.31
1/4	222.99	1/4	568.73	1/4	934.60	1/4	1,300.19	1/4	1,667.02	1/4	2,033.86	1/4	2,400.70	1/4	2,767.53	1/4	3,134.30	1/4	3,500.95
1/2	229.68	1/2	576.38	1/2	942.19	1/2	1,307.83	1/2	1,674.67	1/2	2,041.50	1/2	2,408.34	1/2	2,775.17	1/2	3,141.94	1/2	3,508.58
3/4	236.37	3/4	584.02	3/4	949.78	3/4	1,315.47	3/4	1,682.31	3/4	2,049.14	3/4	2,415.98	3/4	2,782.82	3/4	3,149.58	3/4	3,516.22
9	243.06	9	591.66	9	957.37	9	1,323.12	9	1,689.95	9	2,056.79	9	2,423.62	9	2,790.46	9	3,157.22	9	3,523.86
1/4	249.84	1/4	599.30	1/4	964.96	1/4	1,330.76	1/4	1,697.59	1/4	2,064.43	1/4	2,431.26	1/4	2,798.10	1/4	3,164.86	1/4	3,531.49
1/2	256.62	1/2	606.94	1/2	972.56	1/2	1,338.40	1/2	1,705.24	1/2	2,072.07	1/2	2,438.91	1/2	2,805.74	1/2	3,172.49	1/2	3,539.13
3/4	263.40	3/4	614.59	3/4	980.15	3/4	1,346.04	3/4	1,712.88	3/4	2,079.71	3/4	2,446.55	3/4	2,813.38	3/4	3,180.13	3/4	3,546.76
10	270.18	10	622.23	10	987.74	10	1,353.69	10	1,720.52	10	2,087.36	10	2,454.19	10	2,821.03	10	3,187.77	10	3,554.39
1/4	277.06	1/4	629.87	1/4	995.33	1/4	1,361.33	1/4	1,728.16	1/4	2,095.00	1/4	2,461.83	1/4	2,828.67	1/4	3,195.41	1/4	3,562.02
1/2	283.93	1/2	637.51	1/2	1,002.92	1/2	1,368.97	1/2	1,735.81	1/2	2,102.64	1/2	2,469.48	1/2	2,836.31	1/2	3,203.05	1/2	3,569.65
3/4	290.80	3/4	645.16	3/4	1,010.51	3/4	1,376.61	3/4	1,743.45	3/4	2,110.28	3/4	2,477.12	3/4	2,843.95	3/4	3,210.69	3/4	3,577.27
11	297.67	11	652.80	11	1,018.11	11	1,384.26	11	1,751.09	11	2,117.93	11	2,484.76	11	2,851.60	11	3,218.32	11	3,584.90
1/4	304.63	1/4	660.44	1/4	1,025.70	1/4	1,391.90	1/4	1,758.73	1/4	2,125.57	1/4	2,492.40	1/4	2,859.24	1/4	3,225.96	1/4	3,592.53
1/2	311.59	1/2	668.08	1/2	1,033.30	1/2	1,399.54	1/2	1,766.38	1/2	2,133.21	1/2	2,500.05	1/2	2,866.88	1/2	3,233.60	1/2	3,600.15
3/4	318.56	3/4	675.72	3/4	1,040.89	3/4	1,407.18	3/4	1,774.02	3/4	2,140.85	3/4	2,507.69	3/4	2,874.52	3/4	3,241.24	3/4	3,607.78

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "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 339"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,615.41	0	3,981.49	0	4,344.75	0	4,689.33	0	5,022.17	0		0		0		0		0	
1/4	3,623.03	1/4	3,989.12	1/4	4,352.14	1/4	4,696.27	1/4	5,029.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.66	1/2	3,996.75	1/2	4,359.52	1/2	4,703.22	1/2	5,037.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.29	3/4	4,004.37	3/4	4,366.91	3/4	4,710.16	3/4	5,044.88	3/4		3/4		3/4		3/4		3/4	
1	3,645.92	1	4,012.00	1	4,374.30	1	4,717.11	1	5,052.45	1		1		1		1		1	
1/4	3,653.54	1/4	4,019.63	1/4	4,381.65	1/4	4,724.00	1/4	5,059.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,661.17	1/2	4,027.26	1/2	4,389.01	1/2	4,730.89	1/2	5,066.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.80	3/4	4,034.88	3/4	4,396.36	3/4	4,737.78	3/4	5,074.01	3/4		3/4		3/4		3/4		3/4	
2	3,676.42	2	4,042.51	2	4,403.71	2	4,744.67	2	5,081.20	2		2		2		2		2	
1/4	3,684.05	1/4	4,050.14	1/4	4,411.02	1/4	4,751.51	1/4	5,087.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.68	1/2	4,057.76	1/2	4,418.33	1/2	4,758.35	1/2	5,093.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,699.30	3/4	4,065.39	3/4	4,425.64	3/4	4,765.18	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,706.93	3	4,073.02	3	4,432.95	3	4,772.02	3		3		3		3		3		3	
1/4	3,714.56	1/4	4,080.64	1/4	4,440.21	1/4	4,778.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.18	1/2	4,088.27	1/2	4,447.47	1/2	4,785.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,729.81	3/4	4,095.90	3/4	4,454.73	3/4	4,792.43	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,737.44	4	4,103.52	4	4,461.99	4	4,799.24	4		4		4		4		4		4	
1/4	3,745.06	1/4	4,111.15	1/4	4,469.21	1/4	4,806.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.69	1/2	4,118.78	1/2	4,476.44	1/2	4,812.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.32	3/4	4,126.40	3/4	4,483.66	3/4	4,819.55	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,767.94	5	4,134.03	5	4,490.88	5	4,826.32	5		5		5		5		5		5	
1/4	3,775.57	1/4	4,141.65	1/4	4,498.07	1/4	4,833.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,783.20	1/2	4,149.27	1/2	4,505.26	1/2	4,839.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,790.82	3/4	4,156.89	3/4	4,512.45	3/4	4,846.53	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,798.45	6	4,164.51	6	4,519.64	6	4,853.27	6		6		6		6		6		6	
1/4	3,806.08	1/4	4,172.11	1/4	4,526.79	1/4	4,859.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,813.70	1/2	4,179.71	1/2	4,533.95	1/2	4,866.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,821.33	3/4	4,187.31	3/4	4,541.10	3/4	4,873.37	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,828.96	7	4,194.90	7	4,548.26	7	4,880.07	7		7		7		7		7		7	
1/4	3,836.59	1/4	4,202.47	1/4	4,555.38	1/4	4,886.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,844.21	1/2	4,210.03	1/2	4,562.50	1/2	4,893.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,851.84	3/4	4,217.59	3/4	4,569.62	3/4	4,900.06	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,859.47	8	4,225.16	8	4,576.74	8	4,906.72	8		8		8		8		8		8	
1/4	3,867.09	1/4	4,232.69	1/4	4,583.83	1/4	4,913.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,874.72	1/2	4,240.22	1/2	4,590.92	1/2	4,919.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,882.35	3/4	4,247.75	3/4	4,598.01	3/4	4,926.61	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,889.97	9	4,255.28	9	4,605.10	9	4,933.24	9		9		9		9		9		9	
1/4	3,897.60	1/4	4,262.77	1/4	4,612.15	1/4	4,940.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,905.23	1/2	4,270.26	1/2	4,619.20	1/2	4,947.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,912.85	3/4	4,277.76	3/4	4,626.26	3/4	4,954.52	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,920.48	10	4,285.25	10	4,633.31	10	4,961.61	10		10		10		10		10		10	
1/4	3,928.11	1/4	4,292.70	1/4	4,640.33	1/4	4,969.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,935.73	1/2	4,300.16	1/2	4,647.35	1/2	4,976.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,943.36	3/4	4,307.61	3/4	4,654.37	3/4	4,984.32	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,950.99	11	4,315.07	11	4,661.40	11	4,991.89	11		11		11		11		11		11	
1/4	3,958.61	1/4	4,322.49	1/4	4,668.38	1/4	4,999.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,966.24	1/2	4,329.91	1/2	4,675.36	1/2	5,007.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,973.87	3/4	4,337.33	3/4	4,682.34	3/4	5,014.60	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW  
CALCULATED: 04/15/2014 CL  
PRINTED: 04/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "CTCo 339"

**1 STBD**  
**INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	23.49	0	325.24	0	682.51	0	1,048.37	0	1,414.64	0	1,780.96	0	2,147.28	0	2,513.59	0	2,879.91	0	3,246.09
1/4	27.98	1/4	332.28	1/4	690.14	1/4	1,055.99	1/4	1,422.28	1/4	1,788.59	1/4	2,154.91	1/4	2,521.23	1/4	2,887.54	1/4	3,253.72
1/2	32.46	1/2	339.32	1/2	697.77	1/2	1,063.62	1/2	1,429.91	1/2	1,796.22	1/2	2,162.54	1/2	2,528.86	1/2	2,895.17	1/2	3,261.35
3/4	36.95	3/4	346.36	3/4	705.40	3/4	1,071.24	3/4	1,437.54	3/4	1,803.86	3/4	2,170.17	3/4	2,536.49	3/4	2,902.81	3/4	3,268.97
1	41.44	1	353.41	1	713.03	1	1,078.87	1	1,445.17	1	1,811.49	1	2,177.80	1	2,544.12	1	2,910.44	1	3,276.60
1/4	46.99	1/4	360.54	1/4	720.67	1/4	1,086.49	1/4	1,452.80	1/4	1,819.12	1/4	2,185.44	1/4	2,551.75	1/4	2,918.07	1/4	3,284.23
1/2	52.54	1/2	367.67	1/2	728.30	1/2	1,094.12	1/2	1,460.43	1/2	1,826.75	1/2	2,193.07	1/2	2,559.38	1/2	2,925.70	1/2	3,291.86
3/4	58.08	3/4	374.80	3/4	735.93	3/4	1,101.75	3/4	1,468.06	3/4	1,834.38	3/4	2,200.70	3/4	2,567.02	3/4	2,933.33	3/4	3,299.48
2	63.63	2	381.94	2	743.56	2	1,109.38	2	1,475.70	2	1,842.01	2	2,208.33	2	2,574.65	2	2,940.96	2	3,307.11
1/4	69.74	1/4	389.16	1/4	751.19	1/4	1,117.01	1/4	1,483.33	1/4	1,849.64	1/4	2,215.96	1/4	2,582.28	1/4	2,948.60	1/4	3,314.74
1/2	75.85	1/2	396.38	1/2	758.82	1/2	1,124.64	1/2	1,490.96	1/2	1,857.28	1/2	2,223.59	1/2	2,589.91	1/2	2,956.23	1/2	3,322.37
3/4	81.96	3/4	403.61	3/4	766.45	3/4	1,132.27	3/4	1,498.59	3/4	1,864.91	3/4	2,231.22	3/4	2,597.54	3/4	2,963.86	3/4	3,330.00
3	88.08	3	410.83	3	774.09	3	1,139.91	3	1,506.22	3	1,872.54	3	2,238.86	3	2,605.17	3	2,971.49	3	3,337.62
1/4	94.30	1/4	418.14	1/4	781.71	1/4	1,147.54	1/4	1,513.85	1/4	1,880.17	1/4	2,246.49	1/4	2,612.80	1/4	2,979.12	1/4	3,345.25
1/2	100.52	1/2	425.46	1/2	789.33	1/2	1,155.17	1/2	1,521.49	1/2	1,887.80	1/2	2,254.12	1/2	2,620.44	1/2	2,986.75	1/2	3,352.88
3/4	106.74	3/4	432.77	3/4	796.96	3/4	1,162.80	3/4	1,529.12	3/4	1,895.43	3/4	2,261.75	3/4	2,628.07	3/4	2,994.38	3/4	3,360.51
4	112.95	4	440.09	4	804.58	4	1,170.43	4	1,536.75	4	1,903.07	4	2,269.38	4	2,635.70	4	3,002.01	4	3,368.13
1/4	119.27	1/4	447.49	1/4	812.20	1/4	1,178.06	1/4	1,544.38	1/4	1,910.70	1/4	2,277.01	1/4	2,643.33	1/4	3,009.64	1/4	3,375.76
1/2	125.59	1/2	454.90	1/2	819.82	1/2	1,185.70	1/2	1,552.01	1/2	1,918.33	1/2	2,284.65	1/2	2,650.96	1/2	3,017.26	1/2	3,383.39
3/4	131.90	3/4	462.30	3/4	827.44	3/4	1,193.33	3/4	1,559.64	3/4	1,925.96	3/4	2,292.28	3/4	2,658.59	3/4	3,024.89	3/4	3,391.02
5	138.22	5	469.71	5	835.05	5	1,200.96	5	1,567.28	5	1,933.59	5	2,299.91	5	2,666.23	5	3,032.52	5	3,398.64
1/4	144.63	1/4	477.20	1/4	842.67	1/4	1,208.59	1/4	1,574.91	1/4	1,941.22	1/4	2,307.54	1/4	2,673.86	1/4	3,040.15	1/4	3,406.27
1/2	151.03	1/2	484.70	1/2	850.29	1/2	1,216.22	1/2	1,582.54	1/2	1,948.86	1/2	2,315.17	1/2	2,681.49	1/2	3,047.77	1/2	3,413.90
3/4	157.44	3/4	492.19	3/4	857.91	3/4	1,223.85	3/4	1,590.17	3/4	1,956.49	3/4	2,322.80	3/4	2,689.12	3/4	3,055.40	3/4	3,421.53
6	163.85	6	499.69	6	865.52	6	1,231.49	6	1,597.80	6	1,964.12	6	2,330.44	6	2,696.75	6	3,063.03	6	3,429.15
1/4	170.34	1/4	507.26	1/4	873.14	1/4	1,239.12	1/4	1,605.43	1/4	1,971.75	1/4	2,338.07	1/4	2,704.38	1/4	3,101.66	1/4	3,436.78
1/2	176.84	1/2	514.83	1/2	880.76	1/2	1,246.75	1/2	1,613.07	1/2	1,979.38	1/2	2,345.70	1/2	2,712.02	1/2	3,078.28	1/2	3,444.41
3/4	183.34	3/4	522.40	3/4	888.38	3/4	1,254.38	3/4	1,620.70	3/4	1,987.01	3/4	2,353.33	3/4	2,719.65	3/4	3,085.91	3/4	3,452.04
7	189.84	7	529.97	7	896.00	7	1,262.01	7	1,628.33	7	1,994.65	7	2,360.96	7	2,727.28	7	3,093.54	7	3,459.66
1/4	196.43	1/4	537.58	1/4	903.61	1/4	1,269.64	1/4	1,635.96	1/4	2,002.28	1/4	2,368.59	1/4	2,734.91	1/4	3,101.17	1/4	3,467.29
1/2	203.02	1/2	545.20	1/2	911.23	1/2	1,277.27	1/2	1,643.59	1/2	2,009.91	1/2	2,376.23	1/2	2,742.54	1/2	3,108.79	1/2	3,474.92
3/4	209.60	3/4	552.81	3/4	918.85	3/4	1,284.91	3/4	1,651.22	3/4	2,017.54	3/4	2,383.86	3/4	2,750.17	3/4	3,116.42	3/4	3,482.55
8	216.19	8	560.42	8	926.47	8	1,292.54	8	1,658.85	8	2,025.17	8	2,391.49	8	2,757.81	8	3,124.05	8	3,490.17
1/4	222.87	1/4	568.05	1/4	934.08	1/4	1,300.17	1/4	1,666.49	1/4	2,032.80	1/4	2,399.12	1/4	2,765.44	1/4	3,131.68	1/4	3,497.80
1/2	229.55	1/2	575.68	1/2	941.70	1/2	1,307.80	1/2	1,674.12	1/2	2,040.43	1/2	2,406.75	1/2	2,773.07	1/2	3,139.31	1/2	3,505.43
3/4	236.23	3/4	583.30	3/4	949.32	3/4	1,315.43	3/4	1,681.75	3/4	2,048.07	3/4	2,414.38	3/4	2,780.70	3/4	3,146.93	3/4	3,513.06
9	242.91	9	590.93	9	956.94	9	1,323.06	9	1,689.38	9	2,055.70	9	2,422.01	9	2,788.33	9	3,154.56	9	3,520.69
1/4	249.68	1/4	598.56	1/4	964.55	1/4	1,330.70	1/4	1,697.01	1/4	2,063.33	1/4	2,429.65	1/4	2,795.96	1/4	3,162.19	1/4	3,528.31
1/2	256.45	1/2	606.19	1/2	972.17	1/2	1,338.33	1/2	1,704.64	1/2	2,070.96	1/2	2,437.28	1/2	2,803.59	1/2	3,169.82	1/2	3,535.94
3/4	263.22	3/4	613.83	3/4	979.79	3/4	1,345.96	3/4	1,712.28	3/4	2,078.59	3/4	2,444.91	3/4	2,811.23	3/4	3,177.44	3/4	3,543.57
10	269.99	10	621.46	10	987.41	10	1,353.59	10	1,719.91	10	2,086.22	10	2,452.54	10	2,818.86	10	3,185.07	10	3,551.20
1/4	276.85	1/4	629.09	1/4	995.03	1/4	1,361.22	1/4	1,727.54	1/4	2,093.86	1/4	2,460.17	1/4	2,826.49	1/4	3,192.70	1/4	3,558.82
1/2	283.71	1/2	636.72	1/2	1,002.64	1/2	1,368.85	1/2	1,735.17	1/2	2,101.49	1/2	2,467.80	1/2	2,834.12	1/2	3,200.33	1/2	3,566.45
3/4	290.57	3/4	644.35	3/4	1,010.26	3/4	1,376.49	3/4	1,742.80	3/4	2,109.12	3/4	2,475.44	3/4	2,841.75	3/4	3,207.95	3/4	3,574.08
11	297.43	11	651.98	11	1,017.88	11	1,384.12	11	1,750.43	11	2,116.75	11	2,483.07	11	2,849.38	11	3,215.58	11	3,581.71
1/4	304.38	1/4	659.61	1/4	1,025.50	1/4	1,391.75	1/4	1,758.07	1/4	2,124.38	1/4	2,490.70	1/4	2,857.02	1/4	3,223.21	1/4	3,589.33
1/2	311.34	1/2	667.25	1/2	1,033.12	1/2	1,399.38	1/2	1,765.70	1/2	2,132.01	1/2	2,498.33	1/2	2,864.65	1/2	3,230.84	1/2	3,596.96
3/4	318.29	3/4	674.88	3/4	1,040.74	3/4	1,407.01	3/4	1,773.33	3/4	2,139.65	3/4	2,505.96	3/4	2,872.28	3/4	3,238.46	3/4	3,604.59

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "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 339"

**1 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,612.22	0	3,978.34	0	4,341.63	0	4,686.25	0	5,019.13	0		0		0		0		0	
1/4	3,619.84	1/4	3,985.97	1/4	4,349.02	1/4	4,693.19	1/4	5,026.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,627.47	1/2	3,993.60	1/2	4,356.41	1/2	4,700.14	1/2	5,034.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,635.10	3/4	4,001.22	3/4	4,363.80	3/4	4,707.08	3/4	5,041.84	3/4		3/4		3/4		3/4		3/4	
1	3,642.73	1	4,008.85	1	4,371.18	1	4,714.03	1	5,049.41	1		1		1		1		1	
1/4	3,650.35	1/4	4,016.48	1/4	4,378.54	1/4	4,720.92	1/4	5,056.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,657.98	1/2	4,024.11	1/2	4,385.89	1/2	4,727.81	1/2	5,063.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.61	3/4	4,031.73	3/4	4,393.25	3/4	4,734.70	3/4	5,070.97	3/4		3/4		3/4		3/4		3/4	
2	3,673.24	2	4,039.36	2	4,400.60	2	4,741.60	2	5,078.16	2		2		2		2		2	
1/4	3,680.86	1/4	4,046.99	1/4	4,407.91	1/4	4,748.43	1/4	5,084.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,688.49	1/2	4,054.62	1/2	4,415.22	1/2	4,755.27	1/2	5,090.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,696.12	3/4	4,062.24	3/4	4,422.53	3/4	4,762.11	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,703.75	3	4,069.87	3	4,429.84	3	4,768.95	3		3		3		3		3		3	
1/4	3,711.38	1/4	4,077.50	1/4	4,437.10	1/4	4,775.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,719.00	1/2	4,085.13	1/2	4,444.36	1/2	4,782.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.63	3/4	4,092.76	3/4	4,451.62	3/4	4,789.37	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,734.26	4	4,100.38	4	4,458.89	4	4,796.17	4		4		4		4		4		4	
1/4	3,741.89	1/4	4,108.01	1/4	4,466.11	1/4	4,802.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,749.51	1/2	4,115.64	1/2	4,473.33	1/2	4,809.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,757.14	3/4	4,123.27	3/4	4,480.56	3/4	4,816.48	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,764.77	5	4,130.89	5	4,487.78	5	4,823.26	5		5		5		5		5		5	
1/4	3,772.40	1/4	4,138.51	1/4	4,494.97	1/4	4,829.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,780.02	1/2	4,146.13	1/2	4,502.16	1/2	4,836.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,787.65	3/4	4,153.76	3/4	4,509.35	3/4	4,843.47	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,795.28	6	4,161.38	6	4,516.54	6	4,850.21	6		6		6		6		6		6	
1/4	3,802.91	1/4	4,168.97	1/4	4,523.69	1/4	4,856.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,810.53	1/2	4,176.57	1/2	4,530.85	1/2	4,863.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,818.16	3/4	4,184.17	3/4	4,538.01	3/4	4,870.31	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,825.79	7	4,191.77	7	4,545.16	7	4,877.01	7		7		7		7		7		7	
1/4	3,833.42	1/4	4,199.33	1/4	4,552.28	1/4	4,883.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,841.04	1/2	4,206.90	1/2	4,559.41	1/2	4,890.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,848.67	3/4	4,214.46	3/4	4,566.53	3/4	4,897.00	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,856.30	8	4,222.03	8	4,573.65	8	4,903.66	8		8		8		8		8		8	
1/4	3,863.93	1/4	4,229.56	1/4	4,580.74	1/4	4,910.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,871.55	1/2	4,237.09	1/2	4,587.83	1/2	4,916.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,879.18	3/4	4,244.62	3/4	4,594.92	3/4	4,923.56	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,886.81	9	4,252.15	9	4,602.00	9	4,930.19	9		9		9		9		9		9	
1/4	3,894.44	1/4	4,259.65	1/4	4,609.06	1/4	4,937.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,902.07	1/2	4,267.14	1/2	4,616.11	1/2	4,944.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,909.69	3/4	4,274.63	3/4	4,623.17	3/4	4,951.47	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,917.32	10	4,282.12	10	4,630.23	10	4,958.56	10		10		10		10		10		10	
1/4	3,924.95	1/4	4,289.58	1/4	4,637.25	1/4	4,966.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,932.58	1/2	4,297.04	1/2	4,644.27	1/2	4,973.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,940.20	3/4	4,304.49	3/4	4,651.29	3/4	4,981.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,947.83	11	4,311.95	11	4,658.31	11	4,988.84	11		11		11		11		11		11	
1/4	3,955.46	1/4	4,319.37	1/4	4,665.29	1/4	4,996.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,963.09	1/2	4,326.79	1/2	4,672.28	1/2	5,003.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,970.71	3/4	4,334.21	3/4	4,679.26	3/4	5,011.55	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW  
CALCULATED: 04/15/2014 CL  
PRINTED: 04/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "CTCo 339"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.65	0	358.40	0	702.29	0	1,035.89	0	1,375.75	0	1,719.66	0	2,063.56	0	2,407.47	0	2,751.38	0	3,095.15
1/4	29.02	1/4	365.56	1/4	709.45	1/4	1,042.75	1/4	1,382.92	1/4	1,726.82	1/4	2,070.73	1/4	2,414.63	1/4	2,758.54	1/4	3,102.31
1/2	34.40	1/2	372.73	1/2	716.62	1/2	1,049.62	1/2	1,390.08	1/2	1,733.99	1/2	2,077.89	1/2	2,421.80	1/2	2,765.70	1/2	3,109.47
3/4	39.77	3/4	379.89	3/4	723.78	3/4	1,056.49	3/4	1,397.25	3/4	1,741.15	3/4	2,085.06	3/4	2,428.96	3/4	2,772.87	3/4	3,116.63
1	45.14	1	387.05	1	730.95	1	1,063.36	1	1,404.41	1	1,748.32	1	2,092.22	1	2,436.13	1	2,808.03	1	3,123.79
1/4	51.84	1/4	394.22	1/4	738.11	1/4	1,070.23	1/4	1,411.58	1/4	1,755.48	1/4	2,099.39	1/4	2,443.29	1/4	2,787.20	1/4	3,130.95
1/2	58.54	1/2	401.38	1/2	745.27	1/2	1,077.11	1/2	1,418.74	1/2	1,762.65	1/2	2,106.55	1/2	2,450.46	1/2	2,794.36	1/2	3,138.11
3/4	65.24	3/4	408.55	3/4	752.44	3/4	1,083.98	3/4	1,425.91	3/4	1,769.81	3/4	2,113.72	3/4	2,457.62	3/4	2,801.53	3/4	3,145.27
2	71.93	2	415.71	2	759.60	2	1,090.86	2	1,433.07	2	1,776.98	2	2,120.88	2	2,464.79	2	2,808.69	2	3,152.43
1/4	79.08	1/4	422.88	1/4	766.77	1/4	1,097.74	1/4	1,440.24	1/4	1,784.14	1/4	2,128.05	1/4	2,471.95	1/4	2,815.86	1/4	3,159.59
1/2	86.22	1/2	430.04	1/2	773.93	1/2	1,104.62	1/2	1,447.40	1/2	1,791.31	1/2	2,135.21	1/2	2,479.12	1/2	2,823.02	1/2	3,166.75
3/4	93.36	3/4	437.20	3/4	781.10	3/4	1,111.51	3/4	1,454.56	3/4	1,798.47	3/4	2,142.38	3/4	2,486.28	3/4	2,830.19	3/4	3,173.91
3	100.50	3	444.37	3	788.26	3	1,118.39	3	1,461.73	3	1,805.64	3	2,149.54	3	2,493.45	3	2,837.35	3	3,181.07
1/4	107.66	1/4	451.53	1/4	795.27	1/4	1,125.41	1/4	1,468.89	1/4	1,812.80	1/4	2,156.71	1/4	2,500.61	1/4	2,844.51	1/4	3,188.23
1/2	114.82	1/2	458.70	1/2	802.29	1/2	1,132.44	1/2	1,476.06	1/2	1,819.96	1/2	2,163.87	1/2	2,507.78	1/2	2,851.68	1/2	3,195.39
3/4	121.98	3/4	465.86	3/4	809.30	3/4	1,139.46	3/4	1,483.22	3/4	1,827.13	3/4	2,171.03	3/4	2,514.94	3/4	2,858.84	3/4	3,202.56
4	129.14	4	473.03	4	816.32	4	1,146.48	4	1,490.39	4	1,834.29	4	2,178.20	4	2,522.11	4	2,866.00	4	3,209.72
1/4	136.30	1/4	480.19	1/4	823.18	1/4	1,153.65	1/4	1,497.55	1/4	1,841.46	1/4	2,185.36	1/4	2,529.27	1/4	2,873.16	1/4	3,216.88
1/2	143.47	1/2	487.36	1/2	830.04	1/2	1,160.81	1/2	1,504.72	1/2	1,848.62	1/2	2,192.53	1/2	2,536.43	1/2	2,880.32	1/2	3,224.04
3/4	150.63	3/4	494.52	3/4	836.90	3/4	1,167.98	3/4	1,511.88	3/4	1,855.79	3/4	2,199.69	3/4	2,543.60	3/4	2,887.48	3/4	3,231.20
5	157.79	5	501.68	5	843.76	5	1,175.14	5	1,519.05	5	1,862.95	5	2,206.86	5	2,550.76	5	2,894.65	5	3,238.36
1/4	164.96	1/4	508.85	1/4	850.62	1/4	1,182.31	1/4	1,526.21	1/4	1,870.12	1/4	2,214.02	1/4	2,557.93	1/4	2,901.81	1/4	3,245.52
1/2	172.12	1/2	516.01	1/2	857.48	1/2	1,189.47	1/2	1,533.38	1/2	1,877.28	1/2	2,221.19	1/2	2,565.09	1/2	2,908.97	1/2	3,252.68
3/4	179.29	3/4	523.18	3/4	864.35	3/4	1,196.64	3/4	1,540.54	3/4	1,884.45	3/4	2,228.35	3/4	2,572.26	3/4	2,916.13	3/4	3,259.84
6	186.45	6	530.34	6	871.21	6	1,203.80	6	1,547.71	6	1,891.61	6	2,235.52	6	2,579.42	6	2,923.29	6	3,267.00
1/4	193.62	1/4	537.51	1/4	878.07	1/4	1,210.97	1/4	1,554.87	1/4	1,898.78	1/4	2,242.68	1/4	2,586.59	1/4	2,930.45	1/4	3,274.16
1/2	200.78	1/2	544.67	1/2	884.93	1/2	1,218.13	1/2	1,562.04	1/2	1,905.94	1/2	2,249.85	1/2	2,593.75	1/2	2,937.61	1/2	3,281.32
3/4	207.94	3/4	551.84	3/4	891.79	3/4	1,225.29	3/4	1,569.20	3/4	1,913.11	3/4	2,257.01	3/4	2,600.92	3/4	2,944.77	3/4	3,288.48
7	215.11	7	559.00	7	898.65	7	1,232.46	7	1,576.36	7	1,920.27	7	2,264.18	7	2,608.08	7	2,951.93	7	3,295.64
1/4	222.27	1/4	566.16	1/4	905.51	1/4	1,239.62	1/4	1,583.53	1/4	1,927.44	1/4	2,271.34	1/4	2,615.25	1/4	2,959.09	1/4	3,302.81
1/2	229.44	1/2	573.33	1/2	912.37	1/2	1,246.79	1/2	1,590.69	1/2	1,934.60	1/2	2,278.51	1/2	2,622.41	1/2	2,966.25	1/2	3,309.97
3/4	236.60	3/4	580.49	3/4	919.23	3/4	1,253.95	3/4	1,597.86	3/4	1,941.76	3/4	2,285.67	3/4	2,629.58	3/4	2,973.41	3/4	3,317.13
8	243.77	8	587.66	8	926.10	8	1,261.12	8	1,605.02	8	1,948.93	8	2,292.83	8	2,636.74	8	2,980.57	8	3,324.29
1/4	250.93	1/4	594.82	1/4	932.96	1/4	1,268.28	1/4	1,612.19	1/4	1,956.09	1/4	2,300.00	1/4	2,643.91	1/4	2,987.73	1/4	3,331.45
1/2	258.09	1/2	601.99	1/2	939.82	1/2	1,275.45	1/2	1,619.35	1/2	1,963.26	1/2	2,307.16	1/2	2,651.07	1/2	2,994.90	1/2	3,338.61
3/4	265.26	3/4	609.15	3/4	946.68	3/4	1,282.61	3/4	1,626.52	3/4	1,970.42	3/4	2,314.33	3/4	2,658.23	3/4	3,002.06	3/4	3,345.77
9	272.42	9	616.31	9	953.54	9	1,289.78	9	1,633.68	9	1,977.59	9	2,321.49	9	2,665.40	9	3,009.22	9	3,352.93
1/4	279.59	1/4	623.48	1/4	960.40	1/4	1,296.94	1/4	1,640.85	1/4	1,984.75	1/4	2,328.66	1/4	2,672.56	1/4	3,016.38	1/4	3,360.09
1/2	286.75	1/2	630.64	1/2	967.26	1/2	1,304.11	1/2	1,648.01	1/2	1,991.92	1/2	2,335.82	1/2	2,679.73	1/2	3,023.54	1/2	3,367.25
3/4	293.92	3/4	637.81	3/4	974.12	3/4	1,311.27	3/4	1,655.18	3/4	1,999.08	3/4	2,342.99	3/4	2,686.89	3/4	3,030.70	3/4	3,374.41
10	301.08	10	644.97	10	980.98	10	1,318.44	10	1,662.34	10	2,006.25	10	2,350.15	10	2,694.06	10	3,037.86	10	3,381.57
1/4	308.25	1/4	652.14	1/4	987.85	1/4	1,325.60	1/4	1,669.51	1/4	2,013.41	1/4	2,357.32	1/4	2,701.22	1/4	3,045.02	1/4	3,388.73
1/2	315.41	1/2	659.30	1/2	994.71	1/2	1,332.77	1/2	1,676.67	1/2	2,020.58	1/2	2,364.48	1/2	2,708.39	1/2	3,052.18	1/2	3,395.89
3/4	322.57	3/4	666.47	3/4	1,001.57	3/4	1,339.93	3/4	1,683.84	3/4	2,027.74	3/4	2,371.65	3/4	2,715.55	3/4	3,059.34	3/4	3,403.06
11	329.74	11	673.63	11	1,008.43	11	1,347.09	11	1,691.00	11	2,034.91	11	2,378.81	11	2,722.72	11	3,066.50	11	3,410.22
1/4	336.90	1/4	680.79	1/4	1,015.29	1/4	1,354.26	1/4	1,698.16	1/4	2,042.07	1/4	2,385.98	1/4	2,729.88	1/4	3,073.66	1/4	3,417.38
1/2	344.07	1/2	687.96	1/2	1,022.16	1/2	1,361.42	1/2	1,705.33	1/2	2,049.24	1/2	2,393.14	1/2	2,737.05	1/2	3,080.82	1/2	3,424.54
3/4	351.23	3/4	695.12	3/4	1,029.02	3/4	1,368.59	3/4	1,712.49	3/4	2,056.40	3/4	2,400.31	3/4	2,744.21	3/4	3,087.98	3/4	3,431.70

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 339"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,438.86	0	3,782.57	0	4,123.62	0	4,447.09	0	4,759.43	0		0		0		0		0	
1/4	3,446.02	1/4	3,789.73	1/4	4,130.56	1/4	4,453.61	1/4	4,766.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,453.18	1/2	3,796.89	1/2	4,137.50	1/2	4,460.13	1/2	4,773.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,460.34	3/4	3,804.05	3/4	4,144.43	3/4	4,466.65	3/4	4,780.74	3/4		3/4		3/4		3/4		3/4	
1	3,467.50	1	3,811.22	1	4,151.37	1	4,473.17	1	4,787.84	1		1		1		1		1	
1/4	3,474.66	1/4	3,818.38	1/4	4,158.27	1/4	4,479.63	1/4	4,794.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,481.82	1/2	3,825.54	1/2	4,165.18	1/2	4,486.10	1/2	4,801.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,488.98	3/4	3,832.70	3/4	4,172.08	3/4	4,492.57	3/4	4,808.08	3/4		3/4		3/4		3/4		3/4	
2	3,496.14	2	3,839.86	2	4,178.98	2	4,499.04	2	4,814.83	2		2		2		2		2	
1/4	3,503.31	1/4	3,847.02	1/4	4,185.85	1/4	4,505.45	1/4	4,820.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,510.47	1/2	3,854.18	1/2	4,192.71	1/2	4,511.87	1/2	4,826.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,517.63	3/4	3,861.34	3/4	4,199.57	3/4	4,518.29	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,524.79	3	3,868.50	3	4,206.43	3	4,524.70	3		3		3		3		3		3	
1/4	3,531.95	1/4	3,875.66	1/4	4,213.25	1/4	4,531.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,539.11	1/2	3,882.82	1/2	4,220.06	1/2	4,537.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,546.27	3/4	3,889.98	3/4	4,226.88	3/4	4,543.86	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,553.43	4	3,897.14	4	4,233.69	4	4,550.24	4		4		4		4		4		4	
1/4	3,560.59	1/4	3,904.30	1/4	4,240.47	1/4	4,556.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,567.75	1/2	3,911.46	1/2	4,247.25	1/2	4,562.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,574.91	3/4	3,918.63	3/4	4,254.03	3/4	4,569.30	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,582.07	5	3,925.79	5	4,260.81	5	4,575.65	5		5		5		5		5		5	
1/4	3,589.23	1/4	3,932.94	1/4	4,267.56	1/4	4,581.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,596.39	1/2	3,940.09	1/2	4,274.31	1/2	4,588.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,603.55	3/4	3,947.25	3/4	4,281.06	3/4	4,594.62	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,610.72	6	3,954.40	6	4,287.80	6	4,600.94	6		6		6		6		6		6	
1/4	3,617.88	1/4	3,961.54	1/4	4,294.52	1/4	4,607.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,625.04	1/2	3,968.67	1/2	4,301.24	1/2	4,613.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,632.20	3/4	3,975.80	3/4	4,307.95	3/4	4,619.80	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,639.36	7	3,982.94	7	4,314.67	7	4,626.08	7		7		7		7		7		7	
1/4	3,646.52	1/4	3,990.04	1/4	4,321.36	1/4	4,632.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,653.68	1/2	3,997.14	1/2	4,328.04	1/2	4,638.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,660.84	3/4	4,004.24	3/4	4,334.73	3/4	4,644.84	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,668.00	8	4,011.34	8	4,341.41	8	4,651.09	8		8		8		8		8		8	
1/4	3,675.16	1/4	4,018.41	1/4	4,348.06	1/4	4,657.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,682.32	1/2	4,025.48	1/2	4,354.72	1/2	4,663.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.48	3/4	4,032.55	3/4	4,361.37	3/4	4,669.76	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,696.64	9	4,039.62	9	4,368.02	9	4,675.98	9		9		9		9		9		9	
1/4	3,703.80	1/4	4,046.66	1/4	4,374.65	1/4	4,682.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,710.97	1/2	4,053.69	1/2	4,381.27	1/2	4,689.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,718.13	3/4	4,060.73	3/4	4,387.89	3/4	4,695.95	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,725.29	10	4,067.76	10	4,394.51	10	4,702.60	10		10		10		10		10		10	
1/4	3,732.45	1/4	4,074.76	1/4	4,401.10	1/4	4,709.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.61	1/2	4,081.76	1/2	4,407.69	1/2	4,716.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,746.77	3/4	4,088.76	3/4	4,414.28	3/4	4,723.91	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,753.93	11	4,095.76	11	4,420.87	11	4,731.02	11		11		11		11		11		11	
1/4	3,761.09	1/4	4,102.72	1/4	4,427.43	1/4	4,738.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,768.25	1/2	4,109.69	1/2	4,433.98	1/2	4,745.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.41	3/4	4,116.66	3/4	4,440.54	3/4	4,752.33	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW  
CALCULATED: 04/15/2014 CL  
PRINTED: 04/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "CTCo 339"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.65	0	358.40	0	702.29	0	1,045.77	0	1,389.64	0	1,733.55	0	2,077.45	0	2,421.36	0	2,765.27	0	3,109.03
1/4	29.02	1/4	365.56	1/4	709.45	1/4	1,052.93	1/4	1,396.81	1/4	1,740.71	1/4	2,084.62	1/4	2,428.52	1/4	2,772.43	1/4	3,116.20
1/2	34.40	1/2	372.73	1/2	716.62	1/2	1,060.09	1/2	1,403.97	1/2	1,747.88	1/2	2,091.78	1/2	2,435.69	1/2	2,779.59	1/2	3,123.36
3/4	39.77	3/4	379.89	3/4	723.78	3/4	1,067.25	3/4	1,411.14	3/4	1,755.04	3/4	2,098.95	3/4	2,442.85	3/4	2,786.76	3/4	3,130.52
1	45.14	1	387.05	1	730.95	1	1,074.41	1	1,418.30	1	1,762.21	1	2,106.11	1	2,450.02	1	2,792.92	1	3,137.68
1/4	51.84	1/4	394.22	1/4	738.11	1/4	1,081.57	1/4	1,425.47	1/4	1,769.37	1/4	2,113.28	1/4	2,457.18	1/4	2,801.09	1/4	3,144.84
1/2	58.54	1/2	401.38	1/2	745.27	1/2	1,088.73	1/2	1,432.63	1/2	1,776.54	1/2	2,120.44	1/2	2,464.35	1/2	2,808.25	1/2	3,152.00
3/4	65.24	3/4	408.55	3/4	752.44	3/4	1,095.89	3/4	1,439.80	3/4	1,783.70	3/4	2,127.61	3/4	2,471.51	3/4	2,815.42	3/4	3,159.16
2	71.93	2	415.71	2	759.60	2	1,103.05	2	1,446.96	2	1,790.87	2	2,134.77	2	2,478.68	2	2,822.58	2	3,166.32
1/4	79.08	1/4	422.88	1/4	766.77	1/4	1,110.22	1/4	1,454.13	1/4	1,798.03	1/4	2,141.94	1/4	2,485.84	1/4	2,829.75	1/4	3,173.48
1/2	86.22	1/2	430.04	1/2	773.93	1/2	1,117.38	1/2	1,461.29	1/2	1,805.20	1/2	2,149.10	1/2	2,493.01	1/2	2,836.91	1/2	3,180.64
3/4	93.36	3/4	437.20	3/4	781.10	3/4	1,124.55	3/4	1,468.45	3/4	1,812.36	3/4	2,156.27	3/4	2,500.17	3/4	2,844.08	3/4	3,187.80
3	100.50	3	444.37	3	788.26	3	1,131.71	3	1,475.62	3	1,819.52	3	2,163.43	3	2,507.34	3	2,851.24	3	3,194.96
1/4	107.66	1/4	451.53	1/4	795.42	1/4	1,138.88	1/4	1,482.78	1/4	1,826.69	1/4	2,170.60	1/4	2,514.50	1/4	2,858.40	1/4	3,202.12
1/2	114.82	1/2	458.70	1/2	802.58	1/2	1,146.04	1/2	1,489.95	1/2	1,833.85	1/2	2,177.76	1/2	2,521.67	1/2	2,865.57	1/2	3,209.28
3/4	121.98	3/4	465.86	3/4	809.74	3/4	1,153.21	3/4	1,497.11	3/4	1,841.02	3/4	2,184.92	3/4	2,528.83	3/4	2,872.73	3/4	3,216.44
4	129.14	4	473.03	4	816.90	4	1,160.37	4	1,504.28	4	1,848.18	4	2,192.09	4	2,535.99	4	2,879.89	4	3,223.61
1/4	136.30	1/4	480.19	1/4	824.05	1/4	1,167.54	1/4	1,511.44	1/4	1,855.35	1/4	2,199.25	1/4	2,543.16	1/4	2,887.05	1/4	3,230.77
1/2	143.47	1/2	487.36	1/2	831.20	1/2	1,174.70	1/2	1,518.61	1/2	1,862.51	1/2	2,206.42	1/2	2,550.32	1/2	2,894.21	1/2	3,237.93
3/4	150.63	3/4	494.52	3/4	838.35	3/4	1,181.87	3/4	1,525.77	3/4	1,869.68	3/4	2,213.58	3/4	2,557.49	3/4	2,901.37	3/4	3,245.09
5	157.79	5	501.68	5	845.51	5	1,189.03	5	1,532.94	5	1,876.84	5	2,220.75	5	2,564.65	5	2,908.53	5	3,252.25
1/4	164.96	1/4	508.85	1/4	852.66	1/4	1,196.20	1/4	1,540.10	1/4	1,884.01	1/4	2,227.91	1/4	2,571.82	1/4	2,915.70	1/4	3,259.41
1/2	172.12	1/2	516.01	1/2	859.81	1/2	1,203.36	1/2	1,547.27	1/2	1,891.17	1/2	2,235.08	1/2	2,578.98	1/2	2,922.86	1/2	3,266.57
3/4	179.29	3/4	523.18	3/4	866.96	3/4	1,210.53	3/4	1,554.43	3/4	1,898.34	3/4	2,242.24	3/4	2,586.15	3/4	2,930.02	3/4	3,273.73
6	186.45	6	530.34	6	874.11	6	1,217.69	6	1,561.60	6	1,905.50	6	2,249.41	6	2,593.31	6	2,937.18	6	3,280.89
1/4	193.62	1/4	537.51	1/4	881.27	1/4	1,224.85	1/4	1,568.76	1/4	1,912.67	1/4	2,256.57	1/4	2,600.48	1/4	2,944.34	1/4	3,288.05
1/2	200.78	1/2	544.67	1/2	888.42	1/2	1,232.02	1/2	1,575.93	1/2	1,919.83	1/2	2,263.74	1/2	2,607.64	1/2	2,951.50	1/2	3,295.21
3/4	207.94	3/4	551.84	3/4	895.57	3/4	1,239.18	3/4	1,583.09	3/4	1,927.00	3/4	2,270.90	3/4	2,614.81	3/4	2,958.66	3/4	3,302.37
7	215.11	7	559.00	7	902.72	7	1,246.35	7	1,590.25	7	1,934.16	7	2,278.07	7	2,621.97	7	2,965.82	7	3,309.53
1/4	222.27	1/4	566.16	1/4	909.87	1/4	1,253.51	1/4	1,597.42	1/4	1,941.32	1/4	2,285.23	1/4	2,629.14	1/4	2,972.98	1/4	3,316.69
1/2	229.44	1/2	573.33	1/2	917.02	1/2	1,260.68	1/2	1,604.58	1/2	1,948.49	1/2	2,292.40	1/2	2,636.30	1/2	2,980.14	1/2	3,323.86
3/4	236.60	3/4	580.49	3/4	924.18	3/4	1,267.84	3/4	1,611.75	3/4	1,955.65	3/4	2,299.56	3/4	2,643.47	3/4	2,987.30	3/4	3,331.02
8	243.77	8	587.66	8	931.33	8	1,275.01	8	1,618.91	8	1,962.82	8	2,306.72	8	2,650.63	8	2,994.46	8	3,338.18
1/4	250.93	1/4	594.82	1/4	938.48	1/4	1,282.17	1/4	1,626.08	1/4	1,969.98	1/4	2,313.89	1/4	2,657.79	1/4	3,001.62	1/4	3,345.34
1/2	258.09	1/2	601.99	1/2	945.63	1/2	1,289.34	1/2	1,633.24	1/2	1,977.15	1/2	2,321.05	1/2	2,664.96	1/2	3,008.78	1/2	3,352.50
3/4	265.26	3/4	609.15	3/4	952.78	3/4	1,296.50	3/4	1,640.41	3/4	1,984.31	3/4	2,328.22	3/4	2,672.12	3/4	3,015.95	3/4	3,359.66
9	272.42	9	616.31	9	959.94	9	1,303.67	9	1,647.57	9	1,991.48	9	2,335.38	9	2,679.29	9	3,023.11	9	3,366.82
1/4	279.59	1/4	623.48	1/4	967.09	1/4	1,310.83	1/4	1,654.74	1/4	1,998.64	1/4	2,342.55	1/4	2,686.45	1/4	3,030.27	1/4	3,373.98
1/2	286.75	1/2	630.64	1/2	974.24	1/2	1,318.00	1/2	1,661.90	1/2	2,005.81	1/2	2,349.71	1/2	2,693.62	1/2	3,037.43	1/2	3,381.14
3/4	293.92	3/4	637.81	3/4	981.39	3/4	1,325.16	3/4	1,669.07	3/4	2,012.97	3/4	2,356.88	3/4	2,700.78	3/4	3,044.59	3/4	3,388.30
10	301.08	10	644.97	10	988.54	10	1,332.33	10	1,676.23	10	2,020.14	10	2,364.04	10	2,707.95	10	3,051.75	10	3,395.46
1/4	308.25	1/4	652.14	1/4	995.69	1/4	1,339.49	1/4	1,683.40	1/4	2,027.30	1/4	2,371.21	1/4	2,715.11	1/4	3,058.91	1/4	3,402.62
1/2	315.41	1/2	659.30	1/2	1,002.85	1/2	1,346.65	1/2	1,690.56	1/2	2,034.47	1/2	2,378.37	1/2	2,722.28	1/2	3,066.07	1/2	3,409.78
3/4	322.57	3/4	666.47	3/4	1,010.00	3/4	1,353.82	3/4	1,697.72	3/4	2,041.63	3/4	2,385.54	3/4	2,729.44	3/4	3,073.23	3/4	3,416.94
11	329.74	11	673.63	11	1,017.15	11	1,360.98	11	1,704.89	11	2,048.80	11	2,392.70	11	2,736.61	11	3,080.39	11	3,424.11
1/4	336.90	1/4	680.79	1/4	1,024.30	1/4	1,368.15	1/4	1,712.05	1/4	2,055.96	1/4	2,399.87	1/4	2,743.77	1/4	3,087.55	1/4	3,431.27
1/2	344.07	1/2	687.96	1/2	1,031.46	1/2	1,375.31	1/2	1,719.22	1/2	2,063.12	1/2	2,407.03	1/2	2,750.94	1/2	3,094.71	1/2	3,438.43
3/4	351.23	3/4	695.12	3/4	1,038.62	3/4	1,382.48	3/4	1,726.38	3/4	2,070.29	3/4	2,414.19	3/4	2,758.10	3/4	3,101.87	3/4	3,445.59

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "CTCo 339"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,452.75	0	3,796.46	0	4,137.51	0	4,460.98	0	4,773.32	0		0		0		0		0	
1/4	3,459.91	1/4	3,803.62	1/4	4,144.45	1/4	4,467.50	1/4	4,780.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,467.07	1/2	3,810.78	1/2	4,151.39	1/2	4,474.02	1/2	4,787.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,474.23	3/4	3,817.94	3/4	4,158.32	3/4	4,480.54	3/4	4,794.63	3/4		3/4		3/4		3/4		3/4	
1	3,481.39	1	3,825.10	1	4,165.26	1	4,487.06	1	4,801.73	1		1		1		1		1	
1/4	3,488.55	1/4	3,832.27	1/4	4,172.16	1/4	4,493.52	1/4	4,808.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,495.71	1/2	3,839.43	1/2	4,179.06	1/2	4,499.99	1/2	4,815.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,502.87	3/4	3,846.59	3/4	4,185.97	3/4	4,506.46	3/4	4,821.97	3/4		3/4		3/4		3/4		3/4	
2	3,510.03	2	3,853.75	2	4,192.87	2	4,512.93	2	4,828.72	2		2		2		2		2	
1/4	3,517.19	1/4	3,860.91	1/4	4,199.73	1/4	4,519.34	1/4	4,834.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,524.35	1/2	3,868.07	1/2	4,206.60	1/2	4,525.76	1/2	4,840.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,531.52	3/4	3,875.23	3/4	4,213.46	3/4	4,532.17	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,538.68	3	3,882.39	3	4,220.32	3	4,538.59	3		3		3		3		3		3	
1/4	3,545.84	1/4	3,889.55	1/4	4,227.14	1/4	4,544.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,553.00	1/2	3,896.71	1/2	4,233.95	1/2	4,551.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,560.16	3/4	3,903.87	3/4	4,240.77	3/4	4,557.74	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,567.32	4	3,911.03	4	4,247.58	4	4,564.13	4		4		4		4		4		4	
1/4	3,574.48	1/4	3,918.19	1/4	4,254.36	1/4	4,570.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,581.64	1/2	3,925.35	1/2	4,261.14	1/2	4,576.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,588.80	3/4	3,932.51	3/4	4,267.92	3/4	4,583.19	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,595.96	5	3,939.68	5	4,274.70	5	4,589.54	5		5		5		5		5		5	
1/4	3,603.12	1/4	3,946.83	1/4	4,281.45	1/4	4,595.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,610.28	1/2	3,953.98	1/2	4,288.20	1/2	4,602.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,617.44	3/4	3,961.14	3/4	4,294.95	3/4	4,608.51	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,624.60	6	3,968.29	6	4,301.69	6	4,614.83	6		6		6		6		6		6	
1/4	3,631.77	1/4	3,975.43	1/4	4,308.41	1/4	4,621.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,638.93	1/2	3,982.56	1/2	4,315.13	1/2	4,627.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,646.09	3/4	3,989.69	3/4	4,321.84	3/4	4,633.69	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,653.25	7	3,996.83	7	4,328.56	7	4,639.97	7		7		7		7		7		7	
1/4	3,660.41	1/4	4,003.93	1/4	4,335.24	1/4	4,646.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,667.57	1/2	4,011.03	1/2	4,341.93	1/2	4,652.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,674.73	3/4	4,018.13	3/4	4,348.61	3/4	4,658.73	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,681.89	8	4,025.23	8	4,355.30	8	4,664.98	8		8		8		8		8		8	
1/4	3,689.05	1/4	4,032.30	1/4	4,361.95	1/4	4,671.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,696.21	1/2	4,039.37	1/2	4,368.61	1/2	4,677.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,703.37	3/4	4,046.44	3/4	4,375.26	3/4	4,683.65	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,710.53	9	4,053.51	9	4,381.91	9	4,689.87	9		9		9		9		9		9	
1/4	3,717.69	1/4	4,060.55	1/4	4,388.53	1/4	4,696.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,724.85	1/2	4,067.58	1/2	4,395.16	1/2	4,703.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,732.02	3/4	4,074.62	3/4	4,401.78	3/4	4,709.84	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,739.18	10	4,081.65	10	4,408.40	10	4,716.49	10		10		10		10		10		10	
1/4	3,746.34	1/4	4,088.65	1/4	4,414.99	1/4	4,723.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,753.50	1/2	4,095.65	1/2	4,421.58	1/2	4,730.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.66	3/4	4,102.65	3/4	4,428.17	3/4	4,737.80	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,767.82	11	4,109.64	11	4,434.76	11	4,744.91	11		11		11		11		11		11	
1/4	3,774.98	1/4	4,116.61	1/4	4,441.32	1/4	4,752.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.14	1/2	4,123.58	1/2	4,447.87	1/2	4,759.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,789.30	3/4	4,130.55	3/4	4,454.43	3/4	4,766.22	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW  
CALCULATED: 04/15/2014 CL  
PRINTED: 04/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "CTCo 339"

# 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	25.06	0	379.68	0	743.84	0	1,100.09	0	1,461.06	0	1,825.04	0	2,186.88	0	2,548.76	0	2,912.49	0	3,276.03
1/4	30.76	1/4	387.26	1/4	751.43	1/4	1,107.45	1/4	1,468.64	1/4	1,832.62	1/4	2,194.40	1/4	2,556.34	1/4	2,920.07	1/4	3,283.60
1/2	36.46	1/2	394.85	1/2	759.02	1/2	1,114.81	1/2	1,476.22	1/2	1,840.21	1/2	2,201.92	1/2	2,563.92	1/2	2,927.64	1/2	3,291.17
3/4	42.16	3/4	402.43	3/4	766.60	3/4	1,122.17	3/4	1,483.81	3/4	1,847.79	3/4	2,209.44	3/4	2,571.50	3/4	2,935.22	3/4	3,298.75
1	47.86	1	410.02	1	774.19	1	1,129.53	1	1,491.39	1	1,855.37	1	2,216.96	1	2,579.09	1	2,942.79	1	3,306.32
1/4	54.96	1/4	417.60	1/4	781.78	1/4	1,136.90	1/4	1,498.97	1/4	1,862.96	1/4	2,224.48	1/4	2,586.67	1/4	2,950.37	1/4	3,313.88
1/2	62.07	1/2	425.19	1/2	789.37	1/2	1,144.26	1/2	1,506.55	1/2	1,870.54	1/2	2,232.01	1/2	2,594.25	1/2	2,957.94	1/2	3,321.45
3/4	69.17	3/4	432.78	3/4	796.95	3/4	1,151.63	3/4	1,514.14	3/4	1,878.12	3/4	2,239.53	3/4	2,601.84	3/4	2,965.52	3/4	3,329.01
2	76.28	2	440.36	2	804.54	2	1,159.00	2	1,521.72	2	1,885.70	2	2,247.05	2	2,609.42	2	2,973.10	2	3,336.57
1/4	83.85	1/4	447.95	1/4	812.13	1/4	1,166.37	1/4	1,529.30	1/4	1,893.29	1/4	2,254.57	1/4	2,617.00	1/4	2,980.67	1/4	3,344.12
1/2	91.42	1/2	455.53	1/2	819.71	1/2	1,173.74	1/2	1,536.89	1/2	1,900.87	1/2	2,262.09	1/2	2,624.59	1/2	2,988.25	1/2	3,351.67
3/4	98.99	3/4	463.12	3/4	827.30	3/4	1,181.12	3/4	1,544.47	3/4	1,908.45	3/4	2,269.61	3/4	2,632.17	3/4	2,995.82	3/4	3,359.23
3	106.57	3	470.71	3	834.89	3	1,188.49	3	1,552.05	3	1,916.04	3	2,277.13	3	2,639.75	3	3,003.40	3	3,366.78
1/4	114.15	1/4	478.29	1/4	842.36	1/4	1,195.97	1/4	1,559.64	1/4	1,923.59	1/4	2,284.66	1/4	2,647.33	1/4	3,010.97	1/4	3,374.33
1/2	121.74	1/2	485.88	1/2	849.83	1/2	1,203.44	1/2	1,567.22	1/2	1,931.14	1/2	2,292.19	1/2	2,654.91	1/2	3,018.55	1/2	3,381.88
3/4	129.32	3/4	493.47	3/4	857.30	3/4	1,210.92	3/4	1,574.80	3/4	1,938.69	3/4	2,299.72	3/4	2,662.49	3/4	3,026.12	3/4	3,389.44
4	136.91	4	501.05	4	864.77	4	1,218.40	4	1,582.38	4	1,946.24	4	2,307.26	4	2,670.07	4	3,033.69	4	3,396.99
1/4	144.49	1/4	508.64	1/4	872.12	1/4	1,225.98	1/4	1,589.97	1/4	1,953.76	1/4	2,314.80	1/4	2,677.64	1/4	3,041.27	1/4	3,404.54
1/2	152.08	1/2	516.23	1/2	879.47	1/2	1,233.57	1/2	1,597.55	1/2	1,961.28	1/2	2,322.34	1/2	2,685.22	1/2	3,048.84	1/2	3,412.09
3/4	159.67	3/4	523.81	3/4	886.83	3/4	1,241.15	3/4	1,605.13	3/4	1,968.80	3/4	2,329.89	3/4	2,692.80	3/4	3,056.41	3/4	3,419.64
5	167.26	5	531.40	5	894.18	5	1,248.73	5	1,612.72	5	1,976.32	5	2,337.43	5	2,700.37	5	3,063.98	5	3,427.20
1/4	174.85	1/4	538.99	1/4	901.53	1/4	1,256.32	1/4	1,620.30	1/4	1,983.84	1/4	2,344.98	1/4	2,707.95	1/4	3,071.56	1/4	3,434.75
1/2	182.43	1/2	546.58	1/2	908.89	1/2	1,263.90	1/2	1,627.88	1/2	1,991.36	1/2	2,352.52	1/2	2,715.52	1/2	3,079.13	1/2	3,442.30
3/4	190.02	3/4	554.16	3/4	916.24	3/4	1,271.48	3/4	1,635.47	3/4	1,998.88	3/4	2,360.07	3/4	2,723.10	3/4	3,086.70	3/4	3,449.85
6	197.61	6	561.75	6	923.59	6	1,279.06	6	1,643.05	6	2,006.40	6	2,367.61	6	2,730.67	6	3,094.28	6	3,457.41
1/4	205.20	1/4	569.34	1/4	930.95	1/4	1,286.65	1/4	1,650.63	1/4	2,013.92	1/4	2,375.16	1/4	2,738.25	1/4	3,101.85	1/4	3,464.96
1/2	212.78	1/2	576.92	1/2	938.30	1/2	1,294.23	1/2	1,658.21	1/2	2,021.44	1/2	2,382.70	1/2	2,745.83	1/2	3,109.42	1/2	3,472.51
3/4	220.37	3/4	584.51	3/4	945.65	3/4	1,301.81	3/4	1,665.80	3/4	2,028.96	3/4	2,390.24	3/4	2,753.40	3/4	3,117.00	3/4	3,480.06
7	227.96	7	592.10	7	953.01	7	1,309.40	7	1,673.38	7	2,036.48	7	2,397.79	7	2,760.98	7	3,124.57	7	3,487.62
1/4	235.54	1/4	599.69	1/4	960.36	1/4	1,316.98	1/4	1,680.96	1/4	2,044.00	1/4	2,405.33	1/4	2,768.55	1/4	3,132.14	1/4	3,495.17
1/2	243.13	1/2	607.27	1/2	967.71	1/2	1,324.56	1/2	1,688.55	1/2	2,051.52	1/2	2,412.88	1/2	2,776.13	1/2	3,139.71	1/2	3,502.72
3/4	250.72	3/4	614.86	3/4	975.07	3/4	1,332.15	3/4	1,696.13	3/4	2,059.04	3/4	2,420.42	3/4	2,783.70	3/4	3,147.29	3/4	3,510.27
8	258.30	8	622.45	8	982.42	8	1,339.73	8	1,703.71	8	2,066.56	8	2,427.97	8	2,791.28	8	3,154.86	8	3,517.82
1/4	265.89	1/4	630.03	1/4	989.77	1/4	1,347.31	1/4	1,711.30	1/4	2,074.08	1/4	2,435.51	1/4	2,798.85	1/4	3,162.43	1/4	3,525.38
1/2	273.47	1/2	637.62	1/2	997.13	1/2	1,354.89	1/2	1,718.88	1/2	2,081.60	1/2	2,443.06	1/2	2,806.43	1/2	3,170.01	1/2	3,532.93
3/4	281.06	3/4	645.21	3/4	1,004.48	3/4	1,362.48	3/4	1,726.46	3/4	2,089.12	3/4	2,450.60	3/4	2,814.01	3/4	3,177.58	3/4	3,540.48
9	288.65	9	652.80	9	1,011.83	9	1,370.06	9	1,734.04	9	2,096.64	9	2,458.15	9	2,821.58	9	3,185.15	9	3,548.03
1/4	296.23	1/4	660.38	1/4	1,019.19	1/4	1,377.64	1/4	1,741.63	1/4	2,104.16	1/4	2,465.69	1/4	2,829.16	1/4	3,192.73	1/4	3,555.59
1/2	303.82	1/2	667.97	1/2	1,026.54	1/2	1,385.23	1/2	1,749.21	1/2	2,111.68	1/2	2,473.23	1/2	2,836.73	1/2	3,200.30	1/2	3,563.15
3/4	311.40	3/4	675.56	3/4	1,033.89	3/4	1,392.81	3/4	1,756.79	3/4	2,119.20	3/4	2,480.78	3/4	2,844.31	3/4	3,207.87	3/4	3,570.71
10	318.99	10	683.14	10	1,041.25	10	1,400.39	10	1,764.38	10	2,126.72	10	2,488.32	10	2,851.88	10	3,215.44	10	3,578.26
1/4	326.58	1/4	690.73	1/4	1,048.60	1/4	1,407.98	1/4	1,771.96	1/4	2,134.24	1/4	2,495.87	1/4	2,859.46	1/4	3,223.02	1/4	3,585.83
1/2	334.16	1/2	698.32	1/2	1,055.95	1/2	1,415.56	1/2	1,779.54	1/2	2,141.76	1/2	2,503.41	1/2	2,867.04	1/2	3,230.59	1/2	3,593.39
3/4	341.75	3/4	705.91	3/4	1,063.31	3/4	1,423.14	3/4	1,787.13	3/4	2,149.28	3/4	2,510.96	3/4	2,874.61	3/4	3,238.16	3/4	3,600.96
11	349.33	11	713.49	11	1,070.66	11	1,430.72	11	1,794.71	11	2,156.80	11	2,518.50	11	2,882.19	11	3,245.74	11	3,608.52
1/4	356.92	1/4	721.08	1/4	1,078.02	1/4	1,438.31	1/4	1,802.29	1/4	2,164.32	1/4	2,526.06	1/4	2,889.76	1/4	3,253.31	1/4	3,615.51
1/2	364.50	1/2	728.67	1/2	1,085.37	1/2	1,445.89	1/2	1,809.87	1/2	2,171.84	1/2	2,533.63	1/2	2,897.34	1/2	3,260.88	1/2	3,622.50
3/4	372.09	3/4	736.26	3/4	1,092.73	3/4	1,453.47	3/4	1,817.46	3/4	2,179.36	3/4	2,541.19	3/4	2,904.91	3/4	3,268.46	3/4	3,629.50

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "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 339"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,636.49	0	3,890.68	0	4,140.56	0	4,377.62	0	4,606.60	0		0		0		0		0	
1/4	3,642.32	1/4	3,895.92	1/4	4,145.64	1/4	4,382.40	1/4	4,611.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,648.15	1/2	3,901.17	1/2	4,150.72	1/2	4,387.17	1/2	4,617.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,653.99	3/4	3,906.42	3/4	4,155.81	3/4	4,391.95	3/4	4,622.23	3/4		3/4		3/4		3/4		3/4	
1	3,659.82	1	3,911.66	1	4,160.89	1	4,396.73	1	4,627.43	1		1		1		1		1	
1/4	3,665.07	1/4	3,916.91	1/4	4,165.95	1/4	4,401.47	1/4	4,632.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.31	1/2	3,922.16	1/2	4,171.01	1/2	4,406.21	1/2	4,637.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.56	3/4	3,927.40	3/4	4,176.06	3/4	4,410.95	3/4	4,641.91	3/4		3/4		3/4		3/4		3/4	
2	3,680.81	2	3,932.65	2	4,181.12	2	4,415.69	2	4,646.74	2		2		2		2		2	
1/4	3,686.05	1/4	3,937.90	1/4	4,186.15	1/4	4,420.40	1/4	4,650.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.30	1/2	3,943.14	1/2	4,191.18	1/2	4,425.10	1/2	4,654.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,696.55	3/4	3,948.39	3/4	4,196.21	3/4	4,429.81	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,701.79	3	3,953.64	3	4,201.24	3	4,434.51	3		3		3		3		3		3	
1/4	3,707.04	1/4	3,958.88	1/4	4,206.23	1/4	4,439.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.29	1/2	3,964.13	1/2	4,211.23	1/2	4,443.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,717.53	3/4	3,969.38	3/4	4,216.22	3/4	4,448.55	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,722.78	4	3,974.62	4	4,221.22	4	4,453.24	4		4		4		4		4		4	
1/4	3,728.03	1/4	3,979.87	1/4	4,226.19	1/4	4,457.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,733.27	1/2	3,985.12	1/2	4,231.15	1/2	4,462.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.52	3/4	3,990.36	3/4	4,236.12	3/4	4,467.21	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,743.77	5	3,995.61	5	4,241.09	5	4,471.87	5		5		5		5		5		5	
1/4	3,749.01	1/4	4,000.85	1/4	4,246.04	1/4	4,476.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,754.26	1/2	4,006.09	1/2	4,250.98	1/2	4,481.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.51	3/4	4,011.33	3/4	4,255.93	3/4	4,485.77	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,764.75	6	4,016.57	6	4,260.87	6	4,490.41	6		6		6		6		6		6	
1/4	3,770.00	1/4	4,021.80	1/4	4,265.80	1/4	4,495.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.25	1/2	4,027.03	1/2	4,270.72	1/2	4,499.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.49	3/4	4,032.25	3/4	4,275.64	3/4	4,504.23	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,785.74	7	4,037.48	7	4,280.56	7	4,508.84	7		7		7		7		7		7	
1/4	3,790.99	1/4	4,042.68	1/4	4,285.46	1/4	4,513.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,796.24	1/2	4,047.89	1/2	4,290.36	1/2	4,518.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,801.48	3/4	4,053.09	3/4	4,295.26	3/4	4,522.59	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,806.73	8	4,058.29	8	4,300.16	8	4,527.18	8		8		8		8		8		8	
1/4	3,811.98	1/4	4,063.47	1/4	4,305.04	1/4	4,531.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.22	1/2	4,068.65	1/2	4,309.92	1/2	4,536.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,822.47	3/4	4,073.83	3/4	4,314.79	3/4	4,540.86	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,827.72	9	4,079.01	9	4,319.67	9	4,545.43	9		9		9		9		9		9	
1/4	3,832.96	1/4	4,084.17	1/4	4,324.52	1/4	4,550.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.21	1/2	4,089.32	1/2	4,329.37	1/2	4,555.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.46	3/4	4,094.48	3/4	4,334.23	3/4	4,560.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,848.70	10	4,099.63	10	4,339.08	10	4,564.94	10		10		10		10		10		10	
1/4	3,853.95	1/4	4,104.76	1/4	4,343.91	1/4	4,570.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,859.20	1/2	4,109.89	1/2	4,348.74	1/2	4,575.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.44	3/4	4,115.01	3/4	4,353.57	3/4	4,580.57	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,869.69	11	4,120.14	11	4,358.40	11	4,585.77	11		11		11		11		11		11	
1/4	3,874.94	1/4	4,125.25	1/4	4,363.21	1/4	4,590.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.18	1/2	4,130.35	1/2	4,368.01	1/2	4,596.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,885.43	3/4	4,135.46	3/4	4,372.81	3/4	4,601.40	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW  
CALCULATED: 04/15/2014 CL  
PRINTED: 04/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "CTCo 339"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	25.06	0	380.06	0	744.77	0	1,108.98	0	1,473.65	0	1,838.37	0	2,203.09	0	2,567.80	0	2,932.26	0	3,296.54
1/4	30.76	1/4	387.66	1/4	752.37	1/4	1,116.57	1/4	1,481.25	1/4	1,845.97	1/4	2,210.68	1/4	2,575.40	1/4	2,939.86	1/4	3,304.13
1/2	36.45	1/2	395.26	1/2	759.96	1/2	1,124.16	1/2	1,488.85	1/2	1,853.56	1/2	2,218.28	1/2	2,583.00	1/2	2,947.45	1/2	3,311.72
3/4	42.15	3/4	402.86	3/4	767.56	3/4	1,131.75	3/4	1,496.44	3/4	1,861.16	3/4	2,225.88	3/4	2,590.60	3/4	2,955.04	3/4	3,319.31
1	47.85	1	410.46	1	775.16	1	1,139.34	1	1,504.04	1	1,868.76	1	2,233.48	1	2,598.20	1	2,962.63	1	3,326.89
1/4	54.95	1/4	418.05	1/4	782.76	1/4	1,146.93	1/4	1,511.64	1/4	1,876.36	1/4	2,241.08	1/4	2,605.80	1/4	2,970.22	1/4	3,334.47
1/2	62.06	1/2	425.65	1/2	790.36	1/2	1,154.53	1/2	1,519.24	1/2	1,883.96	1/2	2,248.68	1/2	2,613.39	1/2	2,977.81	1/2	3,342.05
3/4	69.16	3/4	433.25	3/4	797.95	3/4	1,162.12	3/4	1,526.84	3/4	1,891.56	3/4	2,256.27	3/4	2,620.99	3/4	2,985.40	3/4	3,349.63
2	76.27	2	440.85	2	805.55	2	1,169.72	2	1,534.44	2	1,899.15	2	2,263.87	2	2,628.59	2	2,992.99	2	3,357.21
1/4	83.84	1/4	448.45	1/4	813.15	1/4	1,177.32	1/4	1,542.03	1/4	1,906.75	1/4	2,271.47	1/4	2,636.19	1/4	3,000.58	1/4	3,364.77
1/2	91.41	1/2	456.04	1/2	820.75	1/2	1,184.91	1/2	1,549.63	1/2	1,914.35	1/2	2,279.07	1/2	2,643.79	1/2	3,008.17	1/2	3,372.34
3/4	98.99	3/4	463.64	3/4	828.35	3/4	1,192.51	3/4	1,557.23	3/4	1,921.95	3/4	2,286.67	3/4	2,651.39	3/4	3,015.77	3/4	3,379.91
3	106.56	3	471.24	3	835.94	3	1,200.11	3	1,564.83	3	1,929.55	3	2,294.27	3	2,658.98	3	3,023.36	3	3,387.48
1/4	114.15	1/4	478.84	1/4	843.54	1/4	1,207.71	1/4	1,572.43	1/4	1,937.15	1/4	2,301.86	1/4	2,666.58	1/4	3,030.95	1/4	3,395.04
1/2	121.75	1/2	486.44	1/2	851.13	1/2	1,215.31	1/2	1,580.03	1/2	1,944.74	1/2	2,309.46	1/2	2,674.17	1/2	3,038.54	1/2	3,402.61
3/4	129.34	3/4	494.03	3/4	858.72	3/4	1,222.90	3/4	1,587.62	3/4	1,952.34	3/4	2,317.06	3/4	2,681.76	3/4	3,046.13	3/4	3,410.18
4	136.93	4	501.63	4	866.31	4	1,230.50	4	1,595.22	4	1,959.94	4	2,324.66	4	2,689.35	4	3,053.71	4	3,417.75
1/4	144.53	1/4	509.23	1/4	873.89	1/4	1,238.10	1/4	1,602.82	1/4	1,967.54	1/4	2,332.26	1/4	2,696.94	1/4	3,061.30	1/4	3,425.31
1/2	152.13	1/2	516.83	1/2	881.47	1/2	1,245.70	1/2	1,610.42	1/2	1,975.14	1/2	2,339.86	1/2	2,704.53	1/2	3,068.89	1/2	3,432.88
3/4	159.72	3/4	524.43	3/4	889.06	3/4	1,253.30	3/4	1,618.02	3/4	1,982.73	3/4	2,347.45	3/4	2,712.13	3/4	3,076.48	3/4	3,440.45
5	167.32	5	532.02	5	896.64	5	1,260.90	5	1,625.61	5	1,990.33	5	2,355.05	5	2,719.72	5	3,084.07	5	3,448.02
1/4	174.92	1/4	539.62	1/4	904.22	1/4	1,268.49	1/4	1,633.21	1/4	1,997.93	1/4	2,362.65	1/4	2,727.31	1/4	3,091.66	1/4	3,455.59
1/2	182.52	1/2	547.22	1/2	911.81	1/2	1,276.09	1/2	1,640.81	1/2	2,005.53	1/2	2,370.25	1/2	2,734.90	1/2	3,099.24	1/2	3,463.15
3/4	190.11	3/4	554.82	3/4	919.39	3/4	1,283.69	3/4	1,648.41	3/4	2,013.13	3/4	2,377.85	3/4	2,742.49	3/4	3,106.83	3/4	3,470.72
6	197.71	6	562.42	6	926.97	6	1,291.29	6	1,656.01	6	2,020.73	6	2,385.44	6	2,750.08	6	3,114.42	6	3,478.29
1/4	205.31	1/4	570.01	1/4	934.56	1/4	1,298.89	1/4	1,663.61	1/4	2,028.32	1/4	2,393.04	1/4	2,757.67	1/4	3,122.01	1/4	3,485.86
1/2	212.91	1/2	577.61	1/2	942.14	1/2	1,306.49	1/2	1,671.20	1/2	2,035.92	1/2	2,400.64	1/2	2,765.26	1/2	3,129.60	1/2	3,493.42
3/4	220.51	3/4	585.21	3/4	949.72	3/4	1,314.08	3/4	1,678.80	3/4	2,043.52	3/4	2,408.24	3/4	2,772.85	3/4	3,137.19	3/4	3,500.99
7	228.10	7	592.81	7	957.30	7	1,321.68	7	1,686.40	7	2,051.12	7	2,415.84	7	2,780.44	7	3,144.77	7	3,508.56
1/4	235.70	1/4	600.41	1/4	964.89	1/4	1,329.28	1/4	1,694.00	1/4	2,058.72	1/4	2,423.44	1/4	2,788.04	1/4	3,152.36	1/4	3,516.13
1/2	243.30	1/2	608.00	1/2	972.47	1/2	1,336.88	1/2	1,701.60	1/2	2,066.32	1/2	2,431.03	1/2	2,795.63	1/2	3,159.95	1/2	3,523.69
3/4	250.90	3/4	615.60	3/4	980.05	3/4	1,344.48	3/4	1,709.20	3/4	2,073.91	3/4	2,438.63	3/4	2,803.22	3/4	3,167.54	3/4	3,531.26
8	258.50	8	623.20	8	987.64	8	1,352.08	8	1,716.79	8	2,081.51	8	2,446.23	8	2,810.81	8	3,175.13	8	3,538.83
1/4	266.09	1/4	630.80	1/4	995.22	1/4	1,359.67	1/4	1,724.39	1/4	2,089.11	1/4	2,453.83	1/4	2,818.40	1/4	3,182.72	1/4	3,546.40
1/2	273.69	1/2	638.40	1/2	1,002.80	1/2	1,367.27	1/2	1,731.99	1/2	2,096.71	1/2	2,461.43	1/2	2,825.99	1/2	3,190.30	1/2	3,553.96
3/4	281.29	3/4	645.99	3/4	1,010.39	3/4	1,374.87	3/4	1,739.59	3/4	2,104.31	3/4	2,469.03	3/4	2,833.58	3/4	3,197.89	3/4	3,561.53
9	288.89	9	653.59	9	1,017.97	9	1,382.47	9	1,747.19	9	2,111.91	9	2,476.62	9	2,841.17	9	3,205.48	9	3,569.10
1/4	296.49	1/4	661.19	1/4	1,025.55	1/4	1,390.07	1/4	1,754.79	1/4	2,119.50	1/4	2,484.22	1/4	2,848.76	1/4	3,213.07	1/4	3,576.67
1/2	304.08	1/2	668.79	1/2	1,033.13	1/2	1,397.67	1/2	1,762.38	1/2	2,127.10	1/2	2,491.82	1/2	2,856.35	1/2	3,220.66	1/2	3,584.23
3/4	311.68	3/4	676.39	3/4	1,040.72	3/4	1,405.26	3/4	1,769.98	3/4	2,134.70	3/4	2,499.42	3/4	2,863.95	3/4	3,228.25	3/4	3,591.80
10	319.28	10	683.98	10	1,048.30	10	1,412.86	10	1,777.58	10	2,142.30	10	2,507.02	10	2,871.54	10	3,235.83	10	3,599.37
1/4	326.88	1/4	691.58	1/4	1,055.88	1/4	1,420.46	1/4	1,785.18	1/4	2,149.90	1/4	2,514.62	1/4	2,879.13	1/4	3,243.42	1/4	3,606.94
1/2	334.48	1/2	699.18	1/2	1,063.47	1/2	1,428.06	1/2	1,792.78	1/2	2,157.50	1/2	2,522.21	1/2	2,886.72	1/2	3,251.01	1/2	3,614.50
3/4	342.07	3/4	706.78	3/4	1,071.05	3/4	1,435.66	3/4	1,800.38	3/4	2,165.09	3/4	2,529.81	3/4	2,894.31	3/4	3,258.60	3/4	3,622.07
11	349.67	11	714.38	11	1,078.63	11	1,443.26	11	1,807.97	11	2,172.69	11	2,537.41	11	2,901.90	11	3,266.19	11	3,629.64
1/4	357.27	1/4	721.97	1/4	1,086.22	1/4	1,450.85	1/4	1,815.57	1/4	2,180.29	1/4	2,545.01	1/4	2,909.49	1/4	3,273.78	1/4	3,636.63
1/2	364.87	1/2	729.57	1/2	1,093.81	1/2	1,458.45	1/2	1,823.17	1/2	2,187.89	1/2	2,552.61	1/2	2,917.08	1/2	3,281.36	1/2	3,643.63
3/4	372.47	3/4	737.17	3/4	1,101.39	3/4	1,466.05	3/4	1,830.77	3/4	2,195.49	3/4	2,560.21	3/4	2,924.67	3/4	3,288.95	3/4	3,650.62

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER OPENING ON "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 339"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,657.61	0	3,911.75	0	4,161.60	0	4,398.61	0	4,627.55	0		0		0		0		0	
1/4	3,663.45	1/4	3,917.00	1/4	4,166.68	1/4	4,403.39	1/4	4,632.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.28	1/2	3,922.25	1/2	4,171.76	1/2	4,408.17	1/2	4,637.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.11	3/4	3,927.49	3/4	4,176.84	3/4	4,412.94	3/4	4,643.17	3/4		3/4		3/4		3/4		3/4	
1	3,680.94	1	3,932.74	1	4,181.92	1	4,417.72	1	4,648.38	1		1		1		1		1	
1/4	3,686.19	1/4	3,937.98	1/4	4,186.98	1/4	4,422.46	1/4	4,653.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.43	1/2	3,943.23	1/2	4,192.04	1/2	4,427.20	1/2	4,658.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,696.68	3/4	3,948.47	3/4	4,197.10	3/4	4,431.94	3/4	4,662.86	3/4		3/4		3/4		3/4		3/4	
2	3,701.93	2	3,953.72	2	4,202.15	2	4,436.68	2	4,667.69	2		2		2		2		2	
1/4	3,707.17	1/4	3,958.97	1/4	4,207.18	1/4	4,441.38	1/4	4,671.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,712.42	1/2	3,964.21	1/2	4,212.21	1/2	4,446.09	1/2	4,675.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,717.66	3/4	3,969.46	3/4	4,217.24	3/4	4,450.79	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,722.91	3	3,974.70	3	4,222.26	3	4,455.49	3		3		3		3		3		3	
1/4	3,728.15	1/4	3,979.95	1/4	4,227.26	1/4	4,460.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,733.40	1/2	3,985.19	1/2	4,232.25	1/2	4,464.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.65	3/4	3,990.44	3/4	4,237.25	3/4	4,469.54	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,743.89	4	3,995.69	4	4,242.24	4	4,474.22	4		4		4		4		4		4	
1/4	3,749.14	1/4	4,000.93	1/4	4,247.21	1/4	4,478.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,754.38	1/2	4,006.18	1/2	4,252.18	1/2	4,483.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.63	3/4	4,011.42	3/4	4,257.14	3/4	4,488.19	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,764.87	5	4,016.67	5	4,262.11	5	4,492.84	5		5		5		5		5		5	
1/4	3,770.12	1/4	4,021.91	1/4	4,267.06	1/4	4,497.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.37	1/2	4,027.15	1/2	4,272.00	1/2	4,502.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.61	3/4	4,032.39	3/4	4,276.95	3/4	4,506.75	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,785.86	6	4,037.63	6	4,281.89	6	4,511.38	6		6		6		6		6		6	
1/4	3,791.10	1/4	4,042.86	1/4	4,286.81	1/4	4,515.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,796.35	1/2	4,048.08	1/2	4,291.73	1/2	4,520.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,801.59	3/4	4,053.31	3/4	4,296.66	3/4	4,525.20	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,806.84	7	4,058.54	7	4,301.58	7	4,529.81	7		7		7		7		7		7	
1/4	3,812.09	1/4	4,063.74	1/4	4,306.48	1/4	4,534.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.33	1/2	4,068.94	1/2	4,311.38	1/2	4,538.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,822.58	3/4	4,074.14	3/4	4,316.27	3/4	4,543.56	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,827.82	8	4,079.34	8	4,321.17	8	4,548.14	8		8		8		8		8		8	
1/4	3,833.07	1/4	4,084.52	1/4	4,326.05	1/4	4,552.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.31	1/2	4,089.70	1/2	4,330.92	1/2	4,557.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.56	3/4	4,094.88	3/4	4,335.80	3/4	4,561.83	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,848.81	9	4,100.06	9	4,340.67	9	4,566.39	9		9		9		9		9		9	
1/4	3,854.05	1/4	4,105.22	1/4	4,345.53	1/4	4,571.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,859.30	1/2	4,110.37	1/2	4,350.38	1/2	4,576.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.54	3/4	4,115.52	3/4	4,355.23	3/4	4,581.02	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,869.79	10	4,120.67	10	4,360.08	10	4,585.90	10		10		10		10		10		10	
1/4	3,875.03	1/4	4,125.80	1/4	4,364.91	1/4	4,591.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.28	1/2	4,130.93	1/2	4,369.74	1/2	4,596.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,885.53	3/4	4,136.06	3/4	4,374.57	3/4	4,601.52	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,890.77	11	4,141.18	11	4,379.40	11	4,606.73	11		11		11		11		11		11	
1/4	3,896.02	1/4	4,146.29	1/4	4,384.20	1/4	4,611.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,901.26	1/2	4,151.39	1/2	4,389.01	1/2	4,617.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,906.51	3/4	4,156.50	3/4	4,393.81	3/4	4,622.35	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 SW  
CALCULATED: 04/15/2014 CL  
PRINTED: 04/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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