



# BARGE "CTCo 359"

## 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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
1 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-3/8	01-3/8
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2

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

LENGTH BETWEEN DRAFT MARKS: 237'-06"

August 15, 2014

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 359"

1 PORT

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 14'-9 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.20	0	260.39	0	542.21	0	847.97	0	1,175.27	0	1,506.50	0	1,837.74	0	2,168.97	0	2,500.20	0	2,831.44
1/4	16.81	1/4	266.07	1/4	548.33	1/4	854.61	1/4	1,182.17	1/4	1,513.40	1/4	1,844.64	1/4	2,175.87	1/4	2,507.10	1/4	2,838.34
1/2	19.42	1/2	271.75	1/2	554.45	1/2	861.25	1/2	1,189.07	1/2	1,520.30	1/2	1,851.54	1/2	2,182.77	1/2	2,514.01	1/2	2,845.24
3/4	22.03	3/4	277.43	3/4	560.57	3/4	867.89	3/4	1,195.97	3/4	1,527.20	3/4	1,858.44	3/4	2,189.67	3/4	2,520.91	3/4	2,852.14
1	24.63	1	283.10	1	566.69	1	874.53	1	1,202.87	1	1,534.11	1	1,865.34	1	2,196.57	1	2,527.81	1	2,859.04
1/4	29.01	1/4	288.82	1/4	572.84	1/4	881.21	1/4	1,209.77	1/4	1,541.01	1/4	1,872.24	1/4	2,203.47	1/4	2,534.71	1/4	2,865.94
1/2	33.38	1/2	294.54	1/2	579.00	1/2	887.89	1/2	1,216.67	1/2	1,547.91	1/2	1,879.14	1/2	2,210.37	1/2	2,541.61	1/2	2,872.84
3/4	37.76	3/4	300.25	3/4	585.16	3/4	894.57	3/4	1,223.57	3/4	1,554.81	3/4	1,886.04	3/4	2,217.27	3/4	2,548.51	3/4	2,879.74
2	42.13	2	305.97	2	591.32	2	901.25	2	1,230.47	2	1,561.71	2	1,892.94	2	2,224.18	2	2,555.41	2	2,886.64
1/4	47.41	1/4	311.73	1/4	597.53	1/4	907.97	1/4	1,237.38	1/4	1,568.61	1/4	1,899.84	1/4	2,231.08	1/4	2,562.31	1/4	2,893.54
1/2	52.68	1/2	317.49	1/2	603.73	1/2	914.69	1/2	1,244.28	1/2	1,575.51	1/2	1,906.74	1/2	2,237.98	1/2	2,569.21	1/2	2,900.44
3/4	57.96	3/4	323.24	3/4	609.94	3/4	921.41	3/4	1,251.18	3/4	1,582.41	3/4	1,913.64	3/4	2,244.88	3/4	2,576.11	3/4	2,907.35
3	63.24	3	329.00	3	616.15	3	928.13	3	1,258.08	3	1,589.31	3	1,920.54	3	2,251.78	3	2,583.01	3	2,914.25
1/4	68.55	1/4	334.77	1/4	622.43	1/4	934.89	1/4	1,264.98	1/4	1,596.21	1/4	1,927.45	1/4	2,258.68	1/4	2,589.91	1/4	2,921.15
1/2	73.87	1/2	340.55	1/2	628.71	1/2	941.65	1/2	1,271.88	1/2	1,603.11	1/2	1,934.35	1/2	2,265.58	1/2	2,596.81	1/2	2,928.05
3/4	79.18	3/4	346.32	3/4	634.98	3/4	948.41	3/4	1,278.78	3/4	1,610.01	3/4	1,941.25	3/4	2,272.48	3/4	2,603.71	3/4	2,934.95
4	84.50	4	352.10	4	641.26	4	955.17	4	1,285.68	4	1,616.91	4	1,948.15	4	2,279.38	4	2,610.61	4	2,941.85
1/4	89.86	1/4	357.91	1/4	647.58	1/4	961.97	1/4	1,292.58	1/4	1,623.81	1/4	1,955.05	1/4	2,286.28	1/4	2,617.52	1/4	2,948.75
1/2	95.21	1/2	363.72	1/2	653.90	1/2	968.77	1/2	1,299.48	1/2	1,630.72	1/2	1,961.95	1/2	2,293.18	1/2	2,624.42	1/2	2,955.65
3/4	100.57	3/4	369.54	3/4	660.22	3/4	975.57	3/4	1,306.38	3/4	1,637.62	3/4	1,968.85	3/4	2,300.08	3/4	2,631.32	3/4	2,962.55
5	105.93	5	375.35	5	666.54	5	982.37	5	1,313.28	5	1,644.52	5	1,975.75	5	2,306.98	5	2,638.22	5	2,969.45
1/4	111.32	1/4	381.20	1/4	672.90	1/4	989.21	1/4	1,320.18	1/4	1,651.42	1/4	1,982.65	1/4	2,313.88	1/4	2,645.12	1/4	2,976.35
1/2	116.72	1/2	387.04	1/2	679.26	1/2	996.05	1/2	1,327.08	1/2	1,658.32	1/2	1,989.55	1/2	2,320.79	1/2	2,652.02	1/2	2,983.25
3/4	122.11	3/4	392.89	3/4	685.62	3/4	1,002.89	3/4	1,333.99	3/4	1,665.22	3/4	1,996.45	3/4	2,327.69	3/4	2,658.92	3/4	2,990.15
6	127.51	6	398.73	6	691.98	6	1,009.73	6	1,340.89	6	1,672.12	6	2,003.35	6	2,334.59	6	2,665.82	6	2,997.05
1/4	132.95	1/4	404.61	1/4	698.38	1/4	1,016.61	1/4	1,347.79	1/4	1,679.02	1/4	2,010.25	1/4	2,341.49	1/4	2,672.72	1/4	3,003.95
1/2	138.38	1/2	410.49	1/2	704.78	1/2	1,023.49	1/2	1,354.69	1/2	1,685.92	1/2	2,017.15	1/2	2,348.39	1/2	2,679.62	1/2	3,010.86
3/4	143.82	3/4	416.37	3/4	711.17	3/4	1,030.37	3/4	1,361.59	3/4	1,692.82	3/4	2,024.06	3/4	2,355.29	3/4	2,686.52	3/4	3,017.76
7	149.26	7	422.24	7	717.57	7	1,037.26	7	1,368.49	7	1,699.72	7	2,030.96	7	2,362.19	7	2,693.42	7	3,024.66
1/4	154.73	1/4	428.16	1/4	724.01	1/4	1,044.16	1/4	1,375.39	1/4	1,706.62	1/4	2,037.86	1/4	2,369.09	1/4	2,700.32	1/4	3,031.56
1/2	160.21	1/2	434.08	1/2	730.45	1/2	1,051.06	1/2	1,382.29	1/2	1,713.52	1/2	2,044.76	1/2	2,375.99	1/2	2,707.22	1/2	3,038.46
3/4	165.69	3/4	440.00	3/4	736.89	3/4	1,057.96	3/4	1,389.19	3/4	1,720.42	3/4	2,051.66	3/4	2,382.89	3/4	2,714.13	3/4	3,045.36
8	171.16	8	445.92	8	743.33	8	1,064.86	8	1,396.09	8	1,727.33	8	2,058.56	8	2,389.79	8	2,721.03	8	3,052.26
1/4	176.68	1/4	451.87	1/4	749.81	1/4	1,071.76	1/4	1,402.99	1/4	1,734.23	1/4	2,065.46	1/4	2,396.69	1/4	2,727.93	1/4	3,059.16
1/2	182.20	1/2	457.83	1/2	756.29	1/2	1,078.66	1/2	1,409.89	1/2	1,741.13	1/2	2,072.36	1/2	2,403.59	1/2	2,734.83	1/2	3,066.06
3/4	187.71	3/4	463.79	3/4	762.77	3/4	1,085.56	3/4	1,416.79	3/4	1,748.03	3/4	2,079.26	3/4	2,410.49	3/4	2,741.73	3/4	3,072.96
9	193.23	9	469.75	9	769.25	9	1,092.46	9	1,423.69	9	1,754.93	9	2,086.16	9	2,417.40	9	2,748.63	9	3,079.86
1/4	198.79	1/4	475.75	1/4	775.77	1/4	1,099.36	1/4	1,430.60	1/4	1,761.83	1/4	2,093.06	1/4	2,424.30	1/4	2,755.53	1/4	3,086.76
1/2	204.34	1/2	481.74	1/2	782.29	1/2	1,106.26	1/2	1,437.50	1/2	1,768.73	1/2	2,099.96	1/2	2,431.20	1/2	2,762.43	1/2	3,093.66
3/4	209.90	3/4	487.74	3/4	788.81	3/4	1,113.16	3/4	1,444.40	3/4	1,775.63	3/4	2,106.86	3/4	2,438.10	3/4	2,769.33	3/4	3,100.56
10	215.46	10	493.74	10	795.33	10	1,120.06	10	1,451.30	10	1,782.53	10	2,113.76	10	2,445.00	10	2,776.23	10	3,107.47
1/4	221.05	1/4	499.78	1/4	801.89	1/4	1,126.96	1/4	1,458.20	1/4	1,789.43	1/4	2,120.67	1/4	2,451.90	1/4	2,783.13	1/4	3,114.33
1/2	226.65	1/2	505.82	1/2	808.45	1/2	1,133.87	1/2	1,465.10	1/2	1,796.33	1/2	2,127.57	1/2	2,458.80	1/2	2,790.03	1/2	3,121.23
3/4	232.25	3/4	511.85	3/4	815.01	3/4	1,140.77	3/4	1,472.00	3/4	1,803.23	3/4	2,134.47	3/4	2,465.70	3/4	2,796.93	3/4	3,128.11
11	237.85	11	517.89	11	821.57	11	1,147.67	11	1,478.90	11	1,810.13	11	2,141.37	11	2,472.60	11	2,803.83	11	3,135.00
1/4	243.48	1/4	523.97	1/4	828.17	1/4	1,154.57	1/4	1,485.80	1/4	1,817.03	1/4	2,148.27	1/4	2,479.50	1/4	2,810.74	1/4	3,141.85
1/2	249.12	1/2	530.05	1/2	834.77	1/2	1,161.47	1/2	1,492.70	1/2	1,823.94	1/2	2,155.17	1/2	2,486.40	1/2	2,817.64	1/2	3,148.70
3/4	254.76	3/4	536.13	3/4	841.37	3/4	1,168.37	3/4	1,499.60	3/4	1,830.84	3/4	2,162.07	3/4	2,493.30	3/4	2,824.54	3/4	3,155.56

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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<http://www.pmacorp.net>



# BARGE "CTCo 359"

## 1 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 14'-9 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,162.41	0	3,480.22	0	3,777.37	0	4,051.40	0		0		0		0		0		0	
1/4	3,169.22	1/4	3,486.61	1/4	3,783.30	1/4	4,056.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,176.03	1/2	3,492.99	1/2	3,789.23	1/2	4,061.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,182.85	3/4	3,499.37	3/4	3,795.16	3/4	4,066.74	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,189.66	1	3,505.76	1	3,801.08	1	4,071.85	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,196.44	1/4	3,512.12	1/4	3,806.98	1/4	4,076.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,203.22	1/2	3,518.48	1/2	3,812.88	1/2	4,082.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,210.01	3/4	3,524.84	3/4	3,818.78	3/4	4,087.10	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,216.79	2	3,531.20	2	3,824.68	2	4,092.19	2	2	2	2	2	2	2	2	2	2	2	2
1/4	3,223.54	1/4	3,537.53	1/4	3,830.54	1/4	4,097.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,230.29	1/2	3,543.85	1/2	3,836.39	1/2	4,102.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,237.05	3/4	3,550.17	3/4	3,842.25	3/4	4,107.31	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,243.80	3	3,556.49	3	3,848.11	3	4,112.35	3	3	3	3	3	3	3	3	3	3	3	3
1/4	3,250.51	1/4	3,562.78	1/4	3,853.93	1/4	4,117.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,257.22	1/2	3,569.07	1/2	3,859.76	1/2	4,122.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,263.93	3/4	3,575.36	3/4	3,865.59	3/4	4,127.38	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,270.64	4	3,581.65	4	3,871.41	4	4,132.39	4	4	4	4	4	4	4	4	4	4	4	4
1/4	3,277.32	1/4	3,587.91	1/4	3,877.20	1/4	4,138.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,284.00	1/2	3,594.17	1/2	3,882.98	1/2	4,145.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,290.68	3/4	3,600.43	3/4	3,888.77	3/4	4,151.78	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,297.36	5	3,606.70	5	3,894.56	5	4,158.24	5	5	5	5	5	5	5	5	5	5	5	5
1/4	3,304.00	1/4	3,612.92	1/4	3,900.32	1/4	4,164.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,310.64	1/2	3,619.13	1/2	3,906.09	1/2	4,171.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,317.28	3/4	3,625.35	3/4	3,911.85	3/4	4,177.62	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,323.91	6	3,631.57	6	3,917.61	6	4,184.08	6	6	6	6	6	6	6	6	6	6	6	6
1/4	3,330.52	1/4	3,637.76	1/4	3,923.35	1/4	4,190.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,337.13	1/2	3,643.95	1/2	3,929.08	1/2	4,197.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,343.74	3/4	3,650.13	3/4	3,934.82	3/4	4,203.46	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,350.34	7	3,656.32	7	3,940.56	7	4,209.92	7	7	7	7	7	7	7	7	7	7	7	7
1/4	3,356.91	1/4	3,662.47	1/4	3,946.25	1/4	4,216.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,363.48	1/2	3,668.62	1/2	3,951.94	1/2	4,222.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,370.04	3/4	3,674.76	3/4	3,957.63	3/4	4,229.41	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,376.61	8	3,680.91	8	3,963.33	8	4,235.90	8	8	8	8	8	8	8	8	8	8	8	8
1/4	3,383.14	1/4	3,686.99	1/4	3,968.99	1/4	4,242.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,389.66	1/2	3,693.07	1/2	3,974.65	1/2	4,248.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,396.19	3/4	3,699.16	3/4	3,980.31	3/4	4,255.39	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,402.72	9	3,705.24	9	3,985.97	9	4,261.89	9	9	9	9	9	9	9	9	9	9	9	9
1/4	3,409.21	1/4	3,711.28	1/4	3,991.60	1/4	4,268.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,415.71	1/2	3,717.32	1/2	3,997.22	1/2	4,274.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,422.21	3/4	3,723.36	3/4	4,002.84	3/4	4,281.37	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,428.71	10	3,729.40	10	4,008.46	10	4,287.87	10	10	10	10	10	10	10	10	10	10	10	10
1/4	3,435.16	1/4	3,735.41	1/4	4,014.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,441.62	1/2	3,741.42	1/2	4,019.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,448.07	3/4	3,747.43	3/4	4,025.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,454.53	11	3,753.44	11	4,030.82	11		11		11		11		11		11		11	
1/4	3,460.95	1/4	3,759.42	1/4	4,035.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,467.38	1/2	3,765.41	1/2	4,041.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,473.80	3/4	3,771.39	3/4	4,046.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/17/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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



# BARGE "CTCo 359"

**1 STBD  
INNAGE TABLE  
HERMETIC  
GAUGE HEIGHT 14'-10"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.20	0	260.29	0	542.89	0	848.86	0	1,176.12	0	1,507.30	0	1,838.49	0	2,169.67	0	2,500.86	0	2,832.05
1/4	16.81	1/4	265.97	1/4	549.03	1/4	855.50	1/4	1,183.02	1/4	1,514.20	1/4	1,845.39	1/4	2,176.57	1/4	2,507.76	1/4	2,838.95
1/2	19.41	1/2	271.64	1/2	555.17	1/2	862.14	1/2	1,189.92	1/2	1,521.10	1/2	1,852.29	1/2	2,183.47	1/2	2,514.66	1/2	2,845.85
3/4	22.02	3/4	277.32	3/4	561.31	3/4	868.78	3/4	1,196.82	3/4	1,528.00	3/4	1,859.19	3/4	2,190.37	3/4	2,521.56	3/4	2,852.74
1	24.62	1	282.99	1	567.45	1	875.42	1	1,203.72	1	1,534.90	1	1,866.09	1	2,197.27	1	2,528.46	1	2,859.64
1/4	29.00	1/4	288.71	1/4	573.63	1/4	882.10	1/4	1,210.62	1/4	1,541.80	1/4	1,872.99	1/4	2,204.17	1/4	2,535.36	1/4	2,866.54
1/2	33.37	1/2	294.43	1/2	579.81	1/2	888.78	1/2	1,217.52	1/2	1,548.70	1/2	1,879.89	1/2	2,211.07	1/2	2,542.26	1/2	2,873.44
3/4	37.74	3/4	300.14	3/4	586.00	3/4	895.46	3/4	1,224.42	3/4	1,555.60	3/4	1,886.79	3/4	2,217.97	3/4	2,549.16	3/4	2,880.34
2	42.11	2	305.86	2	592.18	2	902.14	2	1,231.32	2	1,562.50	2	1,893.69	2	2,224.87	2	2,556.06	2	2,887.24
1/4	47.39	1/4	311.61	1/4	598.41	1/4	908.85	1/4	1,238.22	1/4	1,569.40	1/4	1,900.59	1/4	2,231.77	1/4	2,562.96	1/4	2,894.14
1/2	52.66	1/2	317.37	1/2	604.63	1/2	915.57	1/2	1,245.11	1/2	1,576.30	1/2	1,907.49	1/2	2,238.67	1/2	2,569.86	1/2	2,901.04
3/4	57.94	3/4	323.12	3/4	610.86	3/4	922.29	3/4	1,252.01	3/4	1,583.20	3/4	1,914.39	3/4	2,245.57	3/4	2,576.76	3/4	2,907.94
3	63.21	3	328.88	3	617.09	3	929.01	3	1,258.91	3	1,590.10	3	1,921.29	3	2,252.47	3	2,583.66	3	2,914.84
1/4	68.52	1/4	334.67	1/4	623.37	1/4	935.77	1/4	1,265.81	1/4	1,597.00	1/4	1,928.19	1/4	2,259.37	1/4	2,590.56	1/4	2,921.74
1/2	73.84	1/2	340.47	1/2	629.65	1/2	942.53	1/2	1,272.71	1/2	1,603.90	1/2	1,935.08	1/2	2,266.27	1/2	2,597.46	1/2	2,928.64
3/4	79.15	3/4	346.27	3/4	635.92	3/4	949.29	3/4	1,279.61	3/4	1,610.80	3/4	1,941.98	3/4	2,273.17	3/4	2,604.36	3/4	2,935.54
4	84.47	4	352.06	4	642.20	4	956.05	4	1,286.51	4	1,617.70	4	1,948.88	4	2,280.07	4	2,611.26	4	2,942.44
1/4	89.82	1/4	357.90	1/4	648.52	1/4	962.85	1/4	1,293.41	1/4	1,624.60	1/4	1,955.78	1/4	2,286.97	1/4	2,618.16	1/4	2,949.34
1/2	95.17	1/2	363.73	1/2	654.84	1/2	969.65	1/2	1,300.31	1/2	1,631.50	1/2	1,962.68	1/2	2,293.87	1/2	2,625.05	1/2	2,956.24
3/4	100.53	3/4	369.57	3/4	661.15	3/4	976.45	3/4	1,307.21	3/4	1,638.40	3/4	1,969.58	3/4	2,300.77	3/4	2,631.95	3/4	2,963.14
5	105.88	5	375.40	5	667.47	5	983.25	5	1,314.11	5	1,645.30	5	1,976.48	5	2,307.67	5	2,638.85	5	2,970.04
1/4	111.28	1/4	381.27	1/4	673.83	1/4	990.09	1/4	1,321.01	1/4	1,652.20	1/4	1,983.38	1/4	2,314.57	1/4	2,645.75	1/4	2,976.94
1/2	116.67	1/2	387.14	1/2	680.19	1/2	996.93	1/2	1,327.91	1/2	1,659.10	1/2	1,990.28	1/2	2,321.47	1/2	2,652.65	1/2	2,983.84
3/4	122.06	3/4	393.01	3/4	686.55	3/4	1,003.77	3/4	1,334.81	3/4	1,666.00	3/4	1,997.18	3/4	2,328.37	3/4	2,659.55	3/4	2,990.74
6	127.46	6	398.87	6	692.90	6	1,010.61	6	1,341.71	6	1,672.90	6	2,004.08	6	2,335.27	6	2,666.45	6	2,997.64
1/4	132.89	1/4	404.77	1/4	699.30	1/4	1,017.48	1/4	1,348.61	1/4	1,679.80	1/4	2,010.98	1/4	2,342.17	1/4	2,673.35	1/4	3,004.54
1/2	138.33	1/2	410.67	1/2	705.70	1/2	1,024.36	1/2	1,355.51	1/2	1,686.70	1/2	2,017.88	1/2	2,349.07	1/2	2,680.25	1/2	3,011.44
3/4	143.76	3/4	416.57	3/4	712.10	3/4	1,031.24	3/4	1,362.41	3/4	1,693.60	3/4	2,024.78	3/4	2,355.97	3/4	2,687.15	3/4	3,018.34
7	149.20	7	422.47	7	718.50	7	1,038.12	7	1,369.31	7	1,700.50	7	2,031.68	7	2,362.87	7	2,694.05	7	3,025.24
1/4	154.67	1/4	428.42	1/4	724.93	1/4	1,045.02	1/4	1,376.21	1/4	1,707.39	1/4	2,038.58	1/4	2,369.77	1/4	2,700.95	1/4	3,032.14
1/2	160.15	1/2	434.36	1/2	731.37	1/2	1,051.92	1/2	1,383.11	1/2	1,714.29	1/2	2,045.48	1/2	2,376.67	1/2	2,707.85	1/2	3,039.04
3/4	165.62	3/4	440.30	3/4	737.81	3/4	1,058.82	3/4	1,390.01	3/4	1,721.19	3/4	2,052.38	3/4	2,383.57	3/4	2,714.75	3/4	3,045.94
8	171.09	8	446.24	8	744.25	8	1,065.72	8	1,396.91	8	1,728.09	8	2,059.28	8	2,390.46	8	2,721.65	8	3,052.84
1/4	176.61	1/4	452.22	1/4	750.73	1/4	1,072.62	1/4	1,403.81	1/4	1,734.99	1/4	2,066.18	1/4	2,397.36	1/4	2,728.55	1/4	3,059.74
1/2	182.12	1/2	458.20	1/2	757.21	1/2	1,079.52	1/2	1,410.71	1/2	1,741.89	1/2	2,073.08	1/2	2,404.26	1/2	2,735.45	1/2	3,066.64
3/4	187.64	3/4	464.18	3/4	763.68	3/4	1,086.42	3/4	1,417.61	3/4	1,748.79	3/4	2,079.98	3/4	2,411.16	3/4	2,742.35	3/4	3,073.54
9	193.15	9	470.16	9	770.16	9	1,093.32	9	1,424.51	9	1,755.69	9	2,086.88	9	2,418.06	9	2,749.25	9	3,080.43
1/4	198.71	1/4	476.18	1/4	776.68	1/4	1,100.22	1/4	1,431.41	1/4	1,762.59	1/4	2,093.78	1/4	2,424.96	1/4	2,756.15	1/4	3,087.33
1/2	204.26	1/2	482.20	1/2	783.20	1/2	1,107.12	1/2	1,438.31	1/2	1,769.49	1/2	2,100.68	1/2	2,431.86	1/2	2,763.05	1/2	3,094.23
3/4	209.82	3/4	488.22	3/4	789.72	3/4	1,114.02	3/4	1,445.21	3/4	1,776.39	3/4	2,107.58	3/4	2,438.76	3/4	2,769.95	3/4	3,101.13
10	215.37	10	494.24	10	796.24	10	1,120.92	10	1,452.11	10	1,783.29	10	2,114.48	10	2,445.66	10	2,776.85	10	3,108.03
1/4	220.97	1/4	500.30	1/4	802.79	1/4	1,127.82	1/4	1,459.01	1/4	1,790.19	1/4	2,121.38	1/4	2,452.56	1/4	2,783.75	1/4	3,114.92
1/2	226.56	1/2	506.36	1/2	809.35	1/2	1,134.72	1/2	1,465.91	1/2	1,797.09	1/2	2,128.28	1/2	2,459.46	1/2	2,790.65	1/2	3,121.81
3/4	232.16	3/4	512.42	3/4	815.91	3/4	1,141.62	3/4	1,472.80	3/4	1,803.99	3/4	2,135.18	3/4	2,466.36	3/4	2,797.55	3/4	3,128.70
11	237.75	11	518.48	11	822.47	11	1,148.52	11	1,479.70	11	1,810.89	11	2,142.08	11	2,473.26	11	2,804.45	11	3,135.58
1/4	243.39	1/4	524.58	1/4	829.07	1/4	1,155.42	1/4	1,486.60	1/4	1,817.79	1/4	2,148.98	1/4	2,480.16	1/4	2,811.35	1/4	3,142.44
1/2	249.02	1/2	530.68	1/2	835.67	1/2	1,162.32	1/2	1,493.50	1/2	1,824.69	1/2	2,155.88	1/2	2,487.06	1/2	2,818.25	1/2	3,149.29
3/4	254.66	3/4	536.78	3/4	842.27	3/4	1,169.22	3/4	1,500.40	3/4	1,831.59	3/4	2,162.77	3/4	2,493.96	3/4	2,825.15	3/4	3,156.14

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

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





# BARGE "CTCo 359"

**1 STBD  
INNAGE TABLE  
HERMETIC  
GAUGE HEIGHT 14'-10"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,162.99	0	3,480.75	0	3,777.83	0	4,051.76	0		0		0		0		0		0	
1/4	3,169.80	1/4	3,487.13	1/4	3,783.75	1/4	4,056.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,176.62	1/2	3,493.52	1/2	3,789.68	1/2	4,061.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,183.43	3/4	3,499.90	3/4	3,795.61	3/4	4,067.10	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,190.24	1	3,506.28	1	3,801.53	1	4,072.21	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,197.02	1/4	3,512.64	1/4	3,807.43	1/4	4,077.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,203.80	1/2	3,519.00	1/2	3,813.33	1/2	4,082.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,210.58	3/4	3,525.36	3/4	3,819.22	3/4	4,087.45	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,217.36	2	3,531.72	2	3,825.12	2	4,092.53	2	2	2	2	2	2	2	2	2	2	2	2
1/4	3,224.11	1/4	3,538.04	1/4	3,830.98	1/4	4,097.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,230.87	1/2	3,544.36	1/2	3,836.83	1/2	4,102.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,237.62	3/4	3,550.68	3/4	3,842.69	3/4	4,107.65	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,244.37	3	3,557.00	3	3,848.54	3	4,112.69	3	3	3	3	3	3	3	3	3	3	3	3
1/4	3,251.08	1/4	3,563.29	1/4	3,854.37	1/4	4,117.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,257.79	1/2	3,569.58	1/2	3,860.19	1/2	4,122.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,264.50	3/4	3,575.87	3/4	3,866.02	3/4	4,127.72	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,271.21	4	3,582.16	4	3,871.84	4	4,132.72	4	4	4	4	4	4	4	4	4	4	4	4
1/4	3,277.89	1/4	3,588.42	1/4	3,877.62	1/4	4,139.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,284.56	1/2	3,594.68	1/2	3,883.41	1/2	4,145.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,291.24	3/4	3,600.94	3/4	3,889.19	3/4	4,152.10	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,297.92	5	3,607.20	5	3,894.98	5	4,158.56	5	5	5	5	5	5	5	5	5	5	5	5
1/4	3,304.56	1/4	3,613.41	1/4	3,900.74	1/4	4,165.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,311.20	1/2	3,619.63	1/2	3,906.50	1/2	4,171.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,317.83	3/4	3,625.85	3/4	3,912.27	3/4	4,177.94	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,324.47	6	3,632.07	6	3,918.03	6	4,184.40	6	6	6	6	6	6	6	6	6	6	6	6
1/4	3,331.08	1/4	3,638.25	1/4	3,923.76	1/4	4,190.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,337.68	1/2	3,644.44	1/2	3,929.50	1/2	4,197.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,344.29	3/4	3,650.62	3/4	3,935.23	3/4	4,203.78	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,350.89	7	3,656.81	7	3,940.96	7	4,210.24	7	7	7	7	7	7	7	7	7	7	7	7
1/4	3,357.46	1/4	3,662.96	1/4	3,946.65	1/4	4,216.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,364.03	1/2	3,669.10	1/2	3,952.34	1/2	4,223.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,370.59	3/4	3,675.25	3/4	3,958.04	3/4	4,229.72	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,377.16	8	3,681.39	8	3,963.73	8	4,236.21	8	8	8	8	8	8	8	8	8	8	8	8
1/4	3,383.69	1/4	3,687.47	1/4	3,969.39	1/4	4,242.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,390.21	1/2	3,693.55	1/2	3,975.05	1/2	4,249.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,396.74	3/4	3,699.63	3/4	3,980.71	3/4	4,255.70	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,403.26	9	3,705.71	9	3,986.37	9	4,262.19	9	9	9	9	9	9	9	9	9	9	9	9
1/4	3,409.76	1/4	3,711.75	1/4	3,991.99	1/4	4,268.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,416.25	1/2	3,717.79	1/2	3,997.61	1/2	4,275.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,422.75	3/4	3,723.83	3/4	4,003.23	3/4	4,281.67	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,429.25	10	3,729.87	10	4,008.84	10	4,288.17	10	10	10	10	10	10	10	10	10	10	10	10
1/4	3,435.70	1/4	3,735.88	1/4	4,014.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,442.15	1/2	3,741.89	1/2	4,020.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,448.61	3/4	3,747.90	3/4	4,025.61	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,455.06	11	3,753.91	11	4,031.20	11		11		11		11		11		11		11	
1/4	3,461.48	1/4	3,759.89	1/4	4,036.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,467.91	1/2	3,765.87	1/2	4,041.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,474.33	3/4	3,771.85	3/4	4,046.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/17/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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



# BARGE "CTCo 359"

# 2 PORT INNAGE TABLE HERMETIC

GAUGE HEIGHT 14'-9 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	16.57	0	388.42	0	765.60	0	1,149.18	0	1,537.21	0	1,925.23	0	2,313.26	0	2,701.29	0	3,089.31	0	3,477.34
1/4	21.62	1/4	396.50	1/4	773.36	1/4	1,157.26	1/4	1,545.29	1/4	1,933.32	1/4	2,321.34	1/4	2,709.37	1/4	3,097.40	1/4	3,485.43
1/2	26.67	1/2	404.58	1/2	781.13	1/2	1,165.35	1/2	1,553.37	1/2	1,941.40	1/2	2,329.43	1/2	2,717.45	1/2	3,105.48	1/2	3,493.51
3/4	31.72	3/4	412.67	3/4	788.89	3/4	1,173.43	3/4	1,561.46	3/4	1,949.48	3/4	2,337.51	3/4	2,725.54	3/4	3,113.57	3/4	3,501.59
1	36.78	1	420.75	1	796.65	1	1,181.51	1	1,569.54	1	1,957.57	1	2,345.60	1	2,733.62	1	3,121.65	1	3,509.68
1/4	43.85	1/4	428.83	1/4	804.41	1/4	1,189.60	1/4	1,577.62	1/4	1,965.65	1/4	2,353.68	1/4	2,741.71	1/4	3,129.73	1/4	3,517.76
1/2	50.92	1/2	436.92	1/2	812.17	1/2	1,197.68	1/2	1,585.71	1/2	1,973.74	1/2	2,361.76	1/2	2,749.79	1/2	3,137.82	1/2	3,525.84
3/4	58.00	3/4	445.00	3/4	819.93	3/4	1,205.77	3/4	1,593.79	3/4	1,981.82	3/4	2,369.85	3/4	2,757.87	3/4	3,145.90	3/4	3,533.93
2	65.07	2	453.09	2	827.70	2	1,213.85	2	1,601.88	2	1,989.90	2	2,377.93	2	2,765.96	2	3,153.99	2	3,542.01
1/4	73.16	1/4	461.17	1/4	835.46	1/4	1,221.93	1/4	1,609.96	1/4	1,997.99	1/4	2,386.01	1/4	2,774.04	1/4	3,162.07	1/4	3,550.10
1/2	81.24	1/2	469.25	1/2	843.23	1/2	1,230.02	1/2	1,618.04	1/2	2,006.07	1/2	2,394.10	1/2	2,782.13	1/2	3,170.15	1/2	3,558.18
3/4	89.32	3/4	477.34	3/4	851.00	3/4	1,238.10	3/4	1,626.13	3/4	2,014.16	3/4	2,402.18	3/4	2,790.21	3/4	3,178.24	3/4	3,566.26
3	97.41	3	485.42	3	858.77	3	1,246.19	3	1,634.21	3	2,022.24	3	2,410.27	3	2,798.29	3	3,186.32	3	3,574.35
1/4	105.49	1/4	493.35	1/4	866.70	1/4	1,254.27	1/4	1,642.30	1/4	2,030.32	1/4	2,418.35	1/4	2,806.38	1/4	3,194.40	1/4	3,582.43
1/2	113.57	1/2	501.28	1/2	874.63	1/2	1,262.35	1/2	1,650.38	1/2	2,038.41	1/2	2,426.43	1/2	2,814.46	1/2	3,202.49	1/2	3,590.52
3/4	121.66	3/4	509.21	3/4	882.56	3/4	1,270.44	3/4	1,658.46	3/4	2,046.49	3/4	2,434.52	3/4	2,822.55	3/4	3,210.57	3/4	3,598.60
4	129.74	4	517.15	4	890.49	4	1,278.52	4	1,666.55	4	2,054.58	4	2,442.60	4	2,830.63	4	3,218.66	4	3,606.68
1/4	137.82	1/4	524.92	1/4	898.58	1/4	1,286.60	1/4	1,674.63	1/4	2,062.66	1/4	2,450.69	1/4	2,838.71	1/4	3,226.74	1/4	3,614.77
1/2	145.91	1/2	532.70	1/2	906.66	1/2	1,294.69	1/2	1,682.72	1/2	2,070.74	1/2	2,458.77	1/2	2,846.80	1/2	3,234.82	1/2	3,622.85
3/4	153.99	3/4	540.48	3/4	914.75	3/4	1,302.77	3/4	1,690.80	3/4	2,078.83	3/4	2,466.85	3/4	2,854.88	3/4	3,242.91	3/4	3,630.94
5	162.08	5	548.25	5	922.83	5	1,310.86	5	1,698.88	5	2,086.91	5	2,474.94	5	2,862.97	5	3,250.99	5	3,639.02
1/4	170.16	1/4	556.02	1/4	930.91	1/4	1,318.94	1/4	1,706.97	1/4	2,094.99	1/4	2,483.02	1/4	2,871.05	1/4	3,259.08	1/4	3,647.10
1/2	178.24	1/2	563.79	1/2	939.00	1/2	1,327.02	1/2	1,715.05	1/2	2,103.08	1/2	2,491.11	1/2	2,879.13	1/2	3,267.16	1/2	3,655.19
3/4	186.33	3/4	571.56	3/4	947.08	3/4	1,335.11	3/4	1,723.14	3/4	2,111.16	3/4	2,499.19	3/4	2,887.22	3/4	3,275.24	3/4	3,663.27
6	194.41	6	579.33	6	955.16	6	1,343.19	6	1,731.22	6	2,119.25	6	2,507.27	6	2,895.30	6	3,283.33	6	3,671.36
1/4	202.49	1/4	587.09	1/4	963.25	1/4	1,351.28	1/4	1,739.30	1/4	2,127.33	1/4	2,515.36	1/4	2,903.38	1/4	3,291.41	1/4	3,679.44
1/2	210.58	1/2	594.85	1/2	971.33	1/2	1,359.36	1/2	1,747.39	1/2	2,135.41	1/2	2,523.44	1/2	2,911.47	1/2	3,299.50	1/2	3,687.52
3/4	218.66	3/4	602.61	3/4	979.42	3/4	1,367.44	3/4	1,755.47	3/4	2,143.50	3/4	2,531.53	3/4	2,919.55	3/4	3,307.58	3/4	3,695.61
7	226.74	7	610.38	7	987.50	7	1,375.53	7	1,763.55	7	2,151.58	7	2,539.61	7	2,927.64	7	3,315.66	7	3,703.69
1/4	234.83	1/4	618.14	1/4	995.58	1/4	1,383.61	1/4	1,771.64	1/4	2,159.67	1/4	2,547.69	1/4	2,935.72	1/4	3,323.75	1/4	3,711.77
1/2	242.91	1/2	625.90	1/2	1,003.67	1/2	1,391.70	1/2	1,779.72	1/2	2,167.75	1/2	2,555.78	1/2	2,943.80	1/2	3,331.83	1/2	3,719.86
3/4	251.00	3/4	633.66	3/4	1,011.75	3/4	1,399.78	3/4	1,787.81	3/4	2,175.83	3/4	2,563.86	3/4	2,951.89	3/4	3,339.92	3/4	3,727.94
8	259.08	8	641.42	8	1,019.84	8	1,407.86	8	1,795.89	8	2,183.92	8	2,571.94	8	2,959.97	8	3,348.00	8	3,736.03
1/4	267.16	1/4	649.18	1/4	1,027.92	1/4	1,415.95	1/4	1,803.97	1/4	2,192.00	1/4	2,580.03	1/4	2,968.06	1/4	3,356.08	1/4	3,744.11
1/2	275.25	1/2	656.94	1/2	1,036.00	1/2	1,424.03	1/2	1,812.06	1/2	2,200.09	1/2	2,588.11	1/2	2,976.14	1/2	3,364.17	1/2	3,752.19
3/4	283.33	3/4	664.70	3/4	1,044.09	3/4	1,432.11	3/4	1,820.14	3/4	2,208.17	3/4	2,596.20	3/4	2,984.22	3/4	3,372.25	3/4	3,760.28
9	291.41	9	672.46	9	1,052.17	9	1,440.20	9	1,828.23	9	2,216.25	9	2,604.28	9	2,992.31	9	3,380.33	9	3,768.36
1/4	299.50	1/4	680.23	1/4	1,060.26	1/4	1,448.28	1/4	1,836.31	1/4	2,224.34	1/4	2,612.36	1/4	3,000.39	1/4	3,388.42	1/4	3,776.45
1/2	307.58	1/2	687.99	1/2	1,068.34	1/2	1,456.37	1/2	1,844.39	1/2	2,232.42	1/2	2,620.45	1/2	3,008.48	1/2	3,396.50	1/2	3,784.53
3/4	315.66	3/4	695.75	3/4	1,076.42	3/4	1,464.45	3/4	1,852.48	3/4	2,240.50	3/4	2,628.53	3/4	3,016.56	3/4	3,404.59	3/4	3,792.61
10	323.75	10	703.51	10	1,084.51	10	1,472.53	10	1,860.56	10	2,248.59	10	2,636.62	10	3,024.64	10	3,412.67	10	3,800.70
1/4	331.83	1/4	711.27	1/4	1,092.59	1/4	1,480.62	1/4	1,868.65	1/4	2,256.67	1/4	2,644.70	1/4	3,032.73	1/4	3,420.75	1/4	3,808.78
1/2	339.91	1/2	719.03	1/2	1,100.67	1/2	1,488.70	1/2	1,876.73	1/2	2,264.76	1/2	2,652.78	1/2	3,040.81	1/2	3,428.84	1/2	3,816.83
3/4	348.00	3/4	726.79	3/4	1,108.76	3/4	1,496.79	3/4	1,884.81	3/4	2,272.84	3/4	2,660.87	3/4	3,048.89	3/4	3,436.92	3/4	3,824.90
11	356.08	11	734.55	11	1,116.84	11	1,504.87	11	1,892.90	11	2,280.92	11	2,668.95	11	3,056.98	11	3,445.01	11	3,832.97
1/4	364.17	1/4	742.32	1/4	1,124.93	1/4	1,512.95	1/4	1,900.98	1/4	2,289.01	1/4	2,677.04	1/4	3,065.06	1/4	3,453.09	1/4	3,840.99
1/2	372.25	1/2	750.08	1/2	1,133.01	1/2	1,521.04	1/2	1,909.06	1/2	2,297.09	1/2	2,685.12	1/2	3,073.15	1/2	3,461.17	1/2	3,849.02
3/4	380.33	3/4	757.84	3/4	1,141.09	3/4	1,529.12	3/4	1,917.15	3/4	2,305.18	3/4	2,693.20	3/4	3,081.23	3/4	3,469.26	3/4	3,857.05

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD.

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





# BARGE "CTCo 359"

## 2 PORT INNAGE TABLE HERMETIC

GAUGE HEIGHT 14'-9 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,865.08	0	4,237.39	0	4,585.48	0	4,906.48	0		0		0		0		0		0	
1/4	3,873.06	1/4	4,244.87	1/4	4,592.43	1/4	4,912.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,881.04	1/2	4,252.35	1/2	4,599.37	1/2	4,918.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,889.02	3/4	4,259.83	3/4	4,606.32	3/4	4,924.45	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,897.00	1	4,267.30	1	4,613.26	1	4,930.44	1		1		1		1		1		1	
1/4	3,904.95	1/4	4,274.76	1/4	4,620.17	1/4	4,936.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,912.89	1/2	4,282.21	1/2	4,627.08	1/2	4,942.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,920.84	3/4	4,289.66	3/4	4,633.99	3/4	4,948.30	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,928.78	2	4,297.11	2	4,640.90	2	4,954.26	2		2		2		2		2		2	
1/4	3,936.69	1/4	4,304.52	1/4	4,647.76	1/4	4,960.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,944.60	1/2	4,311.92	1/2	4,654.62	1/2	4,966.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,952.51	3/4	4,319.33	3/4	4,661.48	3/4	4,971.98	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,960.43	3	4,326.73	3	4,668.35	3	4,977.88	3		3		3		3		3		3	
1/4	3,968.29	1/4	4,334.10	1/4	4,675.17	1/4	4,983.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,976.15	1/2	4,341.47	1/2	4,682.00	1/2	4,989.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,984.01	3/4	4,348.84	3/4	4,688.82	3/4	4,995.49	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,991.87	4	4,356.21	4	4,695.64	4	5,001.36	4		4		4		4		4		4	
1/4	3,999.69	1/4	4,363.54	1/4	4,702.42	1/4	5,008.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,007.52	1/2	4,370.88	1/2	4,709.20	1/2	5,016.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,015.34	3/4	4,378.21	3/4	4,715.98	3/4	5,024.06	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,023.17	5	4,385.55	5	4,722.76	5	5,031.63	5		5		5		5		5		5	
1/4	4,030.95	1/4	4,392.83	1/4	4,729.51	1/4	5,039.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,038.72	1/2	4,400.12	1/2	4,736.26	1/2	5,046.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,046.50	3/4	4,407.40	3/4	4,743.01	3/4	5,054.34	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,054.28	6	4,414.69	6	4,749.76	6	5,061.91	6		6		6		6		6		6	
1/4	4,062.02	1/4	4,421.94	1/4	4,756.48	1/4	5,069.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,069.76	1/2	4,429.19	1/2	4,763.20	1/2	5,077.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,077.50	3/4	4,436.44	3/4	4,769.92	3/4	5,084.61	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,085.24	7	4,443.69	7	4,776.64	7	5,092.18	7		7		7		7		7		7	
1/4	4,092.93	1/4	4,450.89	1/4	4,783.31	1/4	5,099.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,100.62	1/2	4,458.09	1/2	4,789.98	1/2	5,107.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,108.32	3/4	4,465.29	3/4	4,796.65	3/4	5,115.01	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,116.01	8	4,472.49	8	4,803.31	8	5,122.61	8		8		8		8		8		8	
1/4	4,123.66	1/4	4,479.61	1/4	4,809.95	1/4	5,130.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,131.30	1/2	4,486.74	1/2	4,816.58	1/2	5,137.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,138.95	3/4	4,493.86	3/4	4,823.21	3/4	5,145.44	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,146.59	9	4,500.98	9	4,829.84	9	5,153.05	9		9		9		9		9		9	
1/4	4,154.20	1/4	4,508.06	1/4	4,836.43	1/4	5,160.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,161.82	1/2	4,515.14	1/2	4,843.01	1/2	5,168.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,169.43	3/4	4,522.22	3/4	4,849.60	3/4	5,175.88	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,177.04	10	4,529.29	10	4,856.18	10	5,183.49	10		10		10		10		10		10	
1/4	4,184.60	1/4	4,536.33	1/4	4,862.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,192.16	1/2	4,543.37	1/2	4,869.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,199.73	3/4	4,550.41	3/4	4,875.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,207.29	11	4,557.45	11	4,882.37	11		11		11		11		11		11		11	
1/4	4,214.81	1/4	4,564.46	1/4	4,888.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,222.34	1/2	4,571.47	1/2	4,894.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,229.86	3/4	4,578.47	3/4	4,900.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/17/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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



# BARGE "CTCo 359"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 14'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	16.57	0	388.59	0	776.37	0	1,164.40	0	1,552.60	0	1,940.80	0	2,329.00	0	2,717.20	0	3,105.40	0	3,493.60
1/4	21.63	1/4	396.68	1/4	784.44	1/4	1,172.49	1/4	1,560.69	1/4	1,948.89	1/4	2,337.09	1/4	2,725.29	1/4	3,113.49	1/4	3,501.69
1/2	26.68	1/2	404.77	1/2	792.51	1/2	1,180.58	1/2	1,568.78	1/2	1,956.98	1/2	2,345.18	1/2	2,733.38	1/2	3,121.58	1/2	3,509.78
3/4	31.74	3/4	412.86	3/4	800.58	3/4	1,188.67	3/4	1,576.87	3/4	1,965.07	3/4	2,353.27	3/4	2,741.47	3/4	3,129.67	3/4	3,517.87
1	36.79	1	420.94	1	808.65	1	1,196.75	1	1,584.95	1	1,973.15	1	2,361.35	1	2,749.55	1	3,137.75	1	3,525.95
1/4	43.87	1/4	429.03	1/4	816.72	1/4	1,204.84	1/4	1,593.04	1/4	1,981.24	1/4	2,369.44	1/4	2,757.64	1/4	3,145.84	1/4	3,534.04
1/2	50.95	1/2	437.12	1/2	824.80	1/2	1,212.93	1/2	1,601.13	1/2	1,989.33	1/2	2,377.53	1/2	2,765.73	1/2	3,153.93	1/2	3,542.13
3/4	58.02	3/4	445.20	3/4	832.87	3/4	1,221.02	3/4	1,609.22	3/4	1,997.42	3/4	2,385.62	3/4	2,773.82	3/4	3,162.02	3/4	3,550.22
2	65.10	2	453.29	2	840.94	2	1,229.10	2	1,617.30	2	2,005.50	2	2,393.70	2	2,781.90	2	3,170.10	2	3,558.30
1/4	73.19	1/4	461.38	1/4	849.02	1/4	1,237.19	1/4	1,625.39	1/4	2,013.59	1/4	2,401.79	1/4	2,789.99	1/4	3,178.19	1/4	3,566.39
1/2	81.28	1/2	469.47	1/2	857.10	1/2	1,245.28	1/2	1,633.48	1/2	2,021.68	1/2	2,409.88	1/2	2,798.08	1/2	3,186.28	1/2	3,574.48
3/4	89.36	3/4	477.55	3/4	865.18	3/4	1,253.37	3/4	1,641.57	3/4	2,029.77	3/4	2,417.97	3/4	2,806.17	3/4	3,194.37	3/4	3,582.57
3	97.45	3	485.64	3	873.25	3	1,261.45	3	1,649.65	3	2,037.85	3	2,426.05	3	2,814.25	3	3,202.45	3	3,590.65
1/4	105.54	1/4	493.73	1/4	881.34	1/4	1,269.54	1/4	1,657.74	1/4	2,045.94	1/4	2,434.14	1/4	2,822.34	1/4	3,210.54	1/4	3,598.74
1/2	113.63	1/2	501.82	1/2	889.43	1/2	1,277.63	1/2	1,665.83	1/2	2,054.03	1/2	2,442.23	1/2	2,830.43	1/2	3,218.63	1/2	3,606.83
3/4	121.71	3/4	509.90	3/4	897.52	3/4	1,285.72	3/4	1,673.92	3/4	2,062.12	3/4	2,450.32	3/4	2,838.52	3/4	3,226.72	3/4	3,614.92
4	129.80	4	517.99	4	905.60	4	1,293.80	4	1,682.00	4	2,070.20	4	2,458.40	4	2,846.60	4	3,234.80	4	3,623.00
1/4	137.89	1/4	526.08	1/4	913.69	1/4	1,301.89	1/4	1,690.09	1/4	2,078.29	1/4	2,466.49	1/4	2,854.69	1/4	3,242.89	1/4	3,631.09
1/2	145.97	1/2	534.16	1/2	921.78	1/2	1,309.98	1/2	1,698.18	1/2	2,086.38	1/2	2,474.58	1/2	2,862.78	1/2	3,250.98	1/2	3,639.18
3/4	154.06	3/4	542.25	3/4	929.87	3/4	1,318.07	3/4	1,706.27	3/4	2,094.47	3/4	2,482.67	3/4	2,870.87	3/4	3,259.07	3/4	3,647.27
5	162.15	5	550.34	5	937.95	5	1,326.15	5	1,714.35	5	2,102.55	5	2,490.75	5	2,878.95	5	3,267.15	5	3,655.35
1/4	170.24	1/4	558.42	1/4	946.04	1/4	1,334.24	1/4	1,722.44	1/4	2,110.64	1/4	2,498.84	1/4	2,887.04	1/4	3,275.24	1/4	3,663.44
1/2	178.32	1/2	566.50	1/2	954.13	1/2	1,342.33	1/2	1,730.53	1/2	2,118.73	1/2	2,506.93	1/2	2,895.13	1/2	3,283.33	1/2	3,671.53
3/4	186.41	3/4	574.57	3/4	962.22	3/4	1,350.42	3/4	1,738.62	3/4	2,126.82	3/4	2,515.02	3/4	2,903.22	3/4	3,291.42	3/4	3,679.62
6	194.50	6	582.65	6	970.30	6	1,358.50	6	1,746.70	6	2,134.90	6	2,523.10	6	2,911.30	6	3,299.50	6	3,687.70
1/4	202.59	1/4	590.72	1/4	978.39	1/4	1,366.59	1/4	1,754.79	1/4	2,142.99	1/4	2,531.19	1/4	2,919.39	1/4	3,307.59	1/4	3,695.79
1/2	210.67	1/2	598.80	1/2	986.48	1/2	1,374.68	1/2	1,762.88	1/2	2,151.08	1/2	2,539.28	1/2	2,927.48	1/2	3,315.68	1/2	3,703.88
3/4	218.76	3/4	606.87	3/4	994.57	3/4	1,382.77	3/4	1,770.97	3/4	2,159.17	3/4	2,547.37	3/4	2,935.57	3/4	3,323.77	3/4	3,711.97
7	226.85	7	614.94	7	1,002.65	7	1,390.85	7	1,779.05	7	2,167.25	7	2,555.45	7	2,943.65	7	3,331.85	7	3,720.05
1/4	234.93	1/4	623.01	1/4	1,010.74	1/4	1,398.94	1/4	1,787.14	1/4	2,175.34	1/4	2,563.54	1/4	2,951.74	1/4	3,339.94	1/4	3,728.14
1/2	243.02	1/2	631.08	1/2	1,018.83	1/2	1,407.03	1/2	1,795.23	1/2	2,183.43	1/2	2,571.63	1/2	2,959.83	1/2	3,348.03	1/2	3,736.23
3/4	251.11	3/4	639.15	3/4	1,026.92	3/4	1,415.12	3/4	1,803.32	3/4	2,191.52	3/4	2,579.72	3/4	2,967.92	3/4	3,356.12	3/4	3,744.32
8	259.20	8	647.23	8	1,035.00	8	1,423.20	8	1,811.40	8	2,199.60	8	2,587.80	8	2,976.00	8	3,364.20	8	3,752.40
1/4	267.28	1/4	655.30	1/4	1,043.09	1/4	1,431.29	1/4	1,819.49	1/4	2,207.69	1/4	2,595.89	1/4	2,984.09	1/4	3,372.29	1/4	3,760.49
1/2	275.37	1/2	663.37	1/2	1,051.18	1/2	1,439.38	1/2	1,827.58	1/2	2,215.78	1/2	2,603.98	1/2	2,992.18	1/2	3,380.38	1/2	3,768.58
3/4	283.46	3/4	671.44	3/4	1,059.27	3/4	1,447.47	3/4	1,835.67	3/4	2,223.87	3/4	2,612.07	3/4	3,000.27	3/4	3,388.47	3/4	3,776.67
9	291.55	9	679.51	9	1,067.35	9	1,455.55	9	1,843.75	9	2,231.95	9	2,620.15	9	3,008.35	9	3,396.55	9	3,784.75
1/4	299.63	1/4	687.58	1/4	1,075.44	1/4	1,463.64	1/4	1,851.84	1/4	2,240.04	1/4	2,628.24	1/4	3,016.44	1/4	3,404.64	1/4	3,792.84
1/2	307.72	1/2	695.65	1/2	1,083.53	1/2	1,471.73	1/2	1,859.93	1/2	2,248.13	1/2	2,636.33	1/2	3,024.53	1/2	3,412.73	1/2	3,800.93
3/4	315.81	3/4	703.72	3/4	1,091.62	3/4	1,479.82	3/4	1,868.02	3/4	2,256.22	3/4	2,644.42	3/4	3,032.62	3/4	3,420.82	3/4	3,809.02
10	323.90	10	711.79	10	1,099.70	10	1,487.90	10	1,876.10	10	2,264.30	10	2,652.50	10	3,040.70	10	3,428.90	10	3,817.10
1/4	331.98	1/4	719.86	1/4	1,107.79	1/4	1,495.99	1/4	1,884.19	1/4	2,272.39	1/4	2,660.59	1/4	3,048.79	1/4	3,436.99	1/4	3,825.18
1/2	340.07	1/2	727.94	1/2	1,115.88	1/2	1,504.08	1/2	1,892.28	1/2	2,280.48	1/2	2,668.68	1/2	3,056.88	1/2	3,445.08	1/2	3,833.25
3/4	348.16	3/4	736.01	3/4	1,123.97	3/4	1,512.17	3/4	1,900.37	3/4	2,288.57	3/4	2,676.77	3/4	3,064.97	3/4	3,453.17	3/4	3,841.32
11	356.24	11	744.08	11	1,132.05	11	1,520.25	11	1,908.45	11	2,296.65	11	2,684.85	11	3,073.05	11	3,461.25	11	3,849.40
1/4	364.33	1/4	752.15	1/4	1,140.14	1/4	1,528.34	1/4	1,916.54	1/4	2,304.74	1/4	2,692.94	1/4	3,081.14	1/4	3,469.34	1/4	3,857.43
1/2	372.42	1/2	760.22	1/2	1,148.23	1/2	1,536.43	1/2	1,924.63	1/2	2,312.83	1/2	2,701.03	1/2	3,089.23	1/2	3,477.43	1/2	3,865.46
3/4	380.51	3/4	768.29	3/4	1,156.32	3/4	1,544.52	3/4	1,932.72	3/4	2,320.92	3/4	2,709.12	3/4	3,097.32	3/4	3,485.52	3/4	3,873.49

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD.

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





# BARGE "CTCo 359"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 14'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,881.52	0	4,254.02	0	4,602.29	0	4,923.49	0		0		0		0		0		0	
1/4	3,889.51	1/4	4,261.50	1/4	4,609.24	1/4	4,929.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.49	1/2	4,268.98	1/2	4,616.19	1/2	4,935.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.48	3/4	4,276.46	3/4	4,623.14	3/4	4,941.47	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,913.46	1	4,283.94	1	4,630.09	1	4,947.46	1		1		1		1		1		1	
1/4	3,921.41	1/4	4,291.40	1/4	4,637.00	1/4	4,953.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,929.36	1/2	4,298.85	1/2	4,643.92	1/2	4,959.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,937.31	3/4	4,306.31	3/4	4,650.83	3/4	4,965.34	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,945.26	2	4,313.77	2	4,657.74	2	4,971.30	2		2		2		2		2		2	
1/4	3,953.17	1/4	4,321.18	1/4	4,664.61	1/4	4,977.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,961.09	1/2	4,328.59	1/2	4,671.48	1/2	4,983.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,969.00	3/4	4,336.00	3/4	4,678.34	3/4	4,989.03	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,976.92	3	4,343.41	3	4,685.21	3	4,994.94	3		3		3		3		3		3	
1/4	3,984.78	1/4	4,350.78	1/4	4,692.03	1/4	5,000.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,992.64	1/2	4,358.15	1/2	4,698.86	1/2	5,006.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,000.51	3/4	4,365.52	3/4	4,705.69	3/4	5,012.56	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,008.37	4	4,372.89	4	4,712.52	4	5,018.44	4		4		4		4		4		4	
1/4	4,016.20	1/4	4,380.23	1/4	4,719.30	1/4	5,026.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,024.03	1/2	4,387.57	1/2	4,726.08	1/2	5,033.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,031.86	3/4	4,394.91	3/4	4,732.87	3/4	5,041.15	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,039.69	5	4,402.25	5	4,739.65	5	5,048.73	5		5		5		5		5		5	
1/4	4,047.47	1/4	4,409.54	1/4	4,746.41	1/4	5,056.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,055.25	1/2	4,416.83	1/2	4,753.16	1/2	5,063.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,063.03	3/4	4,424.12	3/4	4,759.92	3/4	5,071.44	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,070.81	6	4,431.41	6	4,766.67	6	5,079.02	6		6		6		6		6		6	
1/4	4,078.56	1/4	4,438.66	1/4	4,773.40	1/4	5,086.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,086.30	1/2	4,445.91	1/2	4,780.12	1/2	5,094.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,094.04	3/4	4,453.17	3/4	4,786.84	3/4	5,101.73	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,101.79	7	4,460.42	7	4,793.57	7	5,109.30	7		7		7		7		7		7	
1/4	4,109.48	1/4	4,467.62	1/4	4,800.24	1/4	5,116.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,117.18	1/2	4,474.83	1/2	4,806.91	1/2	5,124.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,124.88	3/4	4,482.03	3/4	4,813.58	3/4	5,132.14	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,132.58	8	4,489.24	8	4,820.26	8	5,139.75	8		8		8		8		8		8	
1/4	4,140.22	1/4	4,496.37	1/4	4,826.89	1/4	5,147.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,147.87	1/2	4,503.49	1/2	4,833.53	1/2	5,154.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,155.52	3/4	4,510.62	3/4	4,840.17	3/4	5,162.59	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,163.17	9	4,517.75	9	4,846.80	9	5,170.20	9		9		9		9		9		9	
1/4	4,170.79	1/4	4,524.83	1/4	4,853.39	1/4	5,177.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,178.40	1/2	4,531.91	1/2	4,859.98	1/2	5,185.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,186.02	3/4	4,538.99	3/4	4,866.57	3/4	5,193.04	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,193.64	10	4,546.07	10	4,873.16	10	5,200.65	10		10		10		10		10		10	
1/4	4,201.20	1/4	4,553.12	1/4	4,879.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,208.77	1/2	4,560.16	1/2	4,886.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,216.33	3/4	4,567.21	3/4	4,892.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,223.90	11	4,574.25	11	4,899.37	11		11		11		11		11		11		11	
1/4	4,231.43	1/4	4,581.26	1/4	4,905.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,238.96	1/2	4,588.27	1/2	4,911.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,246.49	3/4	4,595.28	3/4	4,917.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2014 SW  
 CALCULATED: 08/16/2014 CL  
 PRINTED: 08/17/2014 SW

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 08/2014

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







# BARGE "CTCo 359"

## 3 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 14'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,526.79	0	3,777.48	0	4,005.10	0	4,209.65	0		0		0		0		0		0	
1/4	3,532.24	1/4	3,782.43	1/4	4,009.57	1/4	4,213.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,537.69	1/2	3,787.39	1/2	4,014.03	1/2	4,217.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,543.15	3/4	3,792.34	3/4	4,018.50	3/4	4,221.69	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,548.60	1	3,797.29	1	4,022.96	1	4,225.71	1		1		1		1		1		1	
1/4	3,554.01	1/4	3,802.21	1/4	4,027.39	1/4	4,229.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,559.43	1/2	3,807.14	1/2	4,031.83	1/2	4,233.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,564.85	3/4	3,812.06	3/4	4,036.26	3/4	4,237.66	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,570.26	2	3,816.99	2	4,040.69	2	4,241.65	2		2		2		2		2		2	
1/4	3,575.65	1/4	3,821.87	1/4	4,045.08	1/4	4,245.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,581.03	1/2	3,826.75	1/2	4,049.47	1/2	4,249.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,586.42	3/4	3,831.63	3/4	4,053.85	3/4	4,253.46	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,591.80	3	3,836.51	3	4,058.24	3	4,257.40	3		3		3		3		3		3	
1/4	3,597.14	1/4	3,841.36	1/4	4,062.60	1/4	4,261.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,602.48	1/2	3,846.21	1/2	4,066.95	1/2	4,265.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,607.82	3/4	3,851.05	3/4	4,071.30	3/4	4,269.12	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,613.16	4	3,855.90	4	4,075.66	4	4,273.02	4		4		4		4		4		4	
1/4	3,618.46	1/4	3,860.72	1/4	4,079.97	1/4	4,278.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,623.77	1/2	3,865.53	1/2	4,084.28	1/2	4,283.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,629.07	3/4	3,870.35	3/4	4,088.59	3/4	4,289.47	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,634.38	5	3,875.17	5	4,092.90	5	4,294.96	5		5		5		5		5		5	
1/4	3,639.61	1/4	3,879.94	1/4	4,097.18	1/4	4,300.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,644.83	1/2	3,884.70	1/2	4,101.46	1/2	4,305.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,650.06	3/4	3,889.47	3/4	4,105.75	3/4	4,311.41	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,655.29	6	3,894.24	6	4,110.03	6	4,316.89	6		6		6		6		6		6	
1/4	3,660.48	1/4	3,898.98	1/4	4,114.28	1/4	4,322.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,665.67	1/2	3,903.72	1/2	4,118.54	1/2	4,327.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,670.87	3/4	3,908.45	3/4	4,122.79	3/4	4,333.35	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,676.06	7	3,913.19	7	4,127.04	7	4,338.83	7		7		7		7		7		7	
1/4	3,681.21	1/4	3,917.88	1/4	4,131.25	1/4	4,344.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.36	1/2	3,922.57	1/2	4,135.45	1/2	4,349.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,691.51	3/4	3,927.26	3/4	4,139.66	3/4	4,355.37	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,696.65	8	3,931.95	8	4,143.87	8	4,360.88	8		8		8		8		8		8	
1/4	3,701.76	1/4	3,936.58	1/4	4,148.04	1/4	4,366.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,706.87	1/2	3,941.21	1/2	4,152.21	1/2	4,371.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,711.97	3/4	3,945.84	3/4	4,156.38	3/4	4,377.41	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,717.08	9	3,950.47	9	4,160.56	9	4,382.93	9		9		9		9		9		9	
1/4	3,722.16	1/4	3,955.05	1/4	4,164.68	1/4	4,389.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,727.23	1/2	3,959.64	1/2	4,168.81	1/2	4,395.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,732.31	3/4	3,964.23	3/4	4,172.94	3/4	4,402.43	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,737.38	10	3,968.81	10	4,177.07	10	4,408.93	10		10		10		10		10		10	
1/4	3,742.41	1/4	3,973.36	1/4	4,181.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,747.44	1/2	3,977.92	1/2	4,185.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.47	3/4	3,982.47	3/4	4,189.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,757.50	11	3,987.02	11	4,193.44	11		11		11		11		11		11		11	
1/4	3,762.50	1/4	3,991.54	1/4	4,197.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.49	1/2	3,996.06	1/2	4,201.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,772.49	3/4	4,000.58	3/4	4,205.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/17/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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





# BARGE "CTCo 359"

**3 STBD**  
**INNAGE TABLE**  
**HERMETIC**  
**GAUGE HEIGHT 14'-10"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,523.67	0	3,775.52	0	4,005.33	0	4,213.10	0		0		0		0		0		0	
1/4	3,529.12	1/4	3,780.51	1/4	4,009.87	1/4	4,217.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,534.57	1/2	3,785.51	1/2	4,014.40	1/2	4,221.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,540.03	3/4	3,790.50	3/4	4,018.94	3/4	4,225.34	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,545.48	1	3,795.50	1	4,023.48	1	4,229.42	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,550.90	1/4	3,800.46	1/4	4,027.98	1/4	4,233.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,556.31	1/2	3,805.42	1/2	4,032.49	1/2	4,237.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,561.73	3/4	3,810.38	3/4	4,036.99	3/4	4,241.57	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,567.15	2	3,815.34	2	4,041.49	2	4,245.62	2	2	2	2	2	2	2	2	2	2	2	2
1/4	3,572.54	1/4	3,820.25	1/4	4,045.95	1/4	4,249.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,577.92	1/2	3,825.17	1/2	4,050.41	1/2	4,253.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,583.31	3/4	3,830.09	3/4	4,054.87	3/4	4,257.62	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,588.70	3	3,835.01	3	4,059.33	3	4,261.63	3	3	3	3	3	3	3	3	3	3	3	3
1/4	3,594.04	1/4	3,839.89	1/4	4,063.76	1/4	4,265.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,599.38	1/2	3,844.77	1/2	4,068.18	1/2	4,269.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,604.72	3/4	3,849.65	3/4	4,072.61	3/4	4,273.53	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,610.06	4	3,854.54	4	4,077.03	4	4,277.50	4	4	4	4	4	4	4	4	4	4	4	4
1/4	3,615.37	1/4	3,859.39	1/4	4,081.42	1/4	4,283.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,620.67	1/2	3,864.24	1/2	4,085.80	1/2	4,288.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,625.98	3/4	3,869.09	3/4	4,090.18	3/4	4,294.15	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,631.29	5	3,873.94	5	4,094.56	5	4,299.69	5	5	5	5	5	5	5	5	5	5	5	5
1/4	3,636.55	1/4	3,878.75	1/4	4,098.91	1/4	4,305.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,641.81	1/2	3,883.55	1/2	4,103.26	1/2	4,310.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,647.07	3/4	3,888.36	3/4	4,107.61	3/4	4,316.34	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,652.34	6	3,893.16	6	4,111.95	6	4,321.88	6	6	6	6	6	6	6	6	6	6	6	6
1/4	3,657.56	1/4	3,897.94	1/4	4,116.27	1/4	4,327.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,662.79	1/2	3,902.71	1/2	4,120.59	1/2	4,332.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,668.02	3/4	3,907.48	3/4	4,124.90	3/4	4,338.53	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,673.25	7	3,912.25	7	4,129.22	7	4,344.07	7	7	7	7	7	7	7	7	7	7	7	7
1/4	3,678.43	1/4	3,916.98	1/4	4,133.49	1/4	4,349.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,683.62	1/2	3,921.71	1/2	4,137.76	1/2	4,355.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.80	3/4	3,926.43	3/4	4,142.03	3/4	4,360.72	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,693.99	8	3,931.16	8	4,146.30	8	4,366.27	8	8	8	8	8	8	8	8	8	8	8	8
1/4	3,699.14	1/4	3,935.85	1/4	4,150.54	1/4	4,371.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,704.29	1/2	3,940.55	1/2	4,154.77	1/2	4,377.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,709.44	3/4	3,945.24	3/4	4,159.01	3/4	4,382.91	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,714.59	9	3,949.93	9	4,163.24	9	4,388.46	9	9	9	9	9	9	9	9	9	9	9	9
1/4	3,719.71	1/4	3,954.58	1/4	4,167.44	1/4	4,394.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,724.83	1/2	3,959.23	1/2	4,171.63	1/2	4,401.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,729.95	3/4	3,963.88	3/4	4,175.82	3/4	4,408.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,735.07	10	3,968.53	10	4,180.01	10	4,414.60	10	10	10	10	10	10	10	10	10	10	10	10
1/4	3,740.14	1/4	3,973.15	1/4	4,184.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.21	1/2	3,977.76	1/2	4,188.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,750.29	3/4	3,982.38	3/4	4,192.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,755.36	11	3,986.99	11	4,196.64	11		11		11		11		11		11		11	
1/4	3,760.40	1/4	3,991.58	1/4	4,200.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,765.44	1/2	3,996.16	1/2	4,204.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.48	3/4	4,000.74	3/4	4,208.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2014 SW  
 CALCULATED: 08/16/2014 CL  
 PRINTED: 08/17/2014 SW

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 08/2014

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



# BARGE "CTCo 359"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	191	0	383	0	574	0	765	0		0		0		0		0	
1/4	4	1/4	195	1/4	386	1/4	578	1/4	769	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	199	1/2	390	1/2	582	1/2	773	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	203	3/4	394	3/4	586	3/4	777	3/4		3/4		3/4		3/4		3/4	
1	16	1	207	1	398	1	590	1	781	1	1	1	1	1	1	1	1	1	1
1/4	20	1/4	211	1/4	402	1/4	594	1/4	785	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	215	1/2	406	1/2	598	1/2	789	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	219	3/4	410	3/4	602	3/4	793	3/4		3/4		3/4		3/4		3/4	
2	32	2	223	2	414	2	606	2	797	2	2	2	2	2	2	2	2	2	2
1/4	36	1/4	227	1/4	418	1/4	610	1/4	801	1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	231	1/2	422	1/2	614	1/2	805	1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	235	3/4	426	3/4	618	3/4	809	3/4		3/4		3/4		3/4		3/4	
3	48	3	239	3	430	3	622	3	813	3	3	3	3	3	3	3	3	3	3
1/4	52	1/4	243	1/4	434	1/4	626	1/4	817	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	247	1/2	438	1/2	630	1/2	821	1/2		1/2		1/2		1/2		1/2	
3/4	60	3/4	251	3/4	442	3/4	634	3/4	825	3/4		3/4		3/4		3/4		3/4	
4	64	4	255	4	446	4	638	4	829	4	4	4	4	4	4	4	4	4	4
1/4	68	1/4	259	1/4	450	1/4	641	1/4	833	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	263	1/2	454	1/2	645	1/2	837	1/2		1/2		1/2		1/2		1/2	
3/4	76	3/4	267	3/4	458	3/4	649	3/4	841	3/4		3/4		3/4		3/4		3/4	
5	80	5	271	5	462	5	653	5	845	5	5	5	5	5	5	5	5	5	5
1/4	84	1/4	275	1/4	466	1/4	657	1/4	849	1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	279	1/2	470	1/2	661	1/2	853	1/2		1/2		1/2		1/2		1/2	
3/4	92	3/4	283	3/4	474	3/4	665	3/4	857	3/4		3/4		3/4		3/4		3/4	
6	96	6	287	6	478	6	669	6		6	6	6	6	6	6	6	6	6	6
1/4	100	1/4	291	1/4	482	1/4	673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	295	1/2	486	1/2	677	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108	3/4	299	3/4	490	3/4	681	3/4		3/4		3/4		3/4		3/4		3/4	
7	112	7	303	7	494	7	685	7		7	7	7	7	7	7	7	7	7	7
1/4	116	1/4	307	1/4	498	1/4	689	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120	1/2	311	1/2	502	1/2	693	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	315	3/4	506	3/4	697	3/4		3/4		3/4		3/4		3/4		3/4	
8	128	8	319	8	510	8	701	8		8	8	8	8	8	8	8	8	8	8
1/4	131	1/4	323	1/4	514	1/4	705	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	327	1/2	518	1/2	709	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139	3/4	331	3/4	522	3/4	713	3/4		3/4		3/4		3/4		3/4		3/4	
9	143	9	335	9	526	9	717	9		9	9	9	9	9	9	9	9	9	9
1/4	147	1/4	339	1/4	530	1/4	721	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151	1/2	343	1/2	534	1/2	725	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155	3/4	347	3/4	538	3/4	729	3/4		3/4		3/4		3/4		3/4		3/4	
10	159	10	351	10	542	10	733	10		10	10	10	10	10	10	10	10	10	10
1/4	163	1/4	355	1/4	546	1/4	737	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167	1/2	359	1/2	550	1/2	741	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	171	3/4	363	3/4	554	3/4	745	3/4		3/4		3/4		3/4		3/4		3/4	
11	175	11	367	11	558	11	749	11		11	11	11	11	11	11	11	11	11	11
1/4	179	1/4	371	1/4	562	1/4	753	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	183	1/2	375	1/2	566	1/2	757	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	187	3/4	379	3/4	570	3/4	761	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.

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CANCELS AND SUPERCEDES  
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CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CTCo 359"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,049	0	2,069	0	3,032	0	3,939	0		0		0		0		0	
1/4	22	1/4	1,071	1/4	2,089	1/4	3,052	1/4	3,958	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,093	1/2	2,110	1/2	3,071	1/2	3,976	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,115	3/4	2,131	3/4	3,090	3/4	3,994	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,136	1	2,151	1	3,110	1	4,013	1	1	1	1	1	1	1	1	1	1
1/4	109	1/4	1,158	1/4	2,172	1/4	3,129	1/4	4,031	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	1,180	1/2	2,192	1/2	3,149	1/2	4,049	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,201	3/4	2,213	3/4	3,168	3/4	4,067	3/4		3/4		3/4		3/4		3/4	
2	175	2	1,223	2	2,233	2	3,187	2	4,085	2	2	2	2	2	2	2	2	2	2
1/4	197	1/4	1,245	1/4	2,254	1/4	3,207	1/4	4,103	1/4		1/4		1/4		1/4		1/4	
1/2	219	1/2	1,266	1/2	2,274	1/2	3,226	1/2	4,121	1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	1,288	3/4	2,294	3/4	3,245	3/4	4,139	3/4		3/4		3/4		3/4		3/4	
3	262	3	1,309	3	2,315	3	3,264	3	4,157	3	3	3	3	3	3	3	3	3	3
1/4	284	1/4	1,331	1/4	2,335	1/4	3,283	1/4	4,175	1/4		1/4		1/4		1/4		1/4	
1/2	306	1/2	1,352	1/2	2,355	1/2	3,303	1/2	4,193	1/2		1/2		1/2		1/2		1/2	
3/4	328	3/4	1,374	3/4	2,376	3/4	3,322	3/4	4,211	3/4		3/4		3/4		3/4		3/4	
4	350	4	1,395	4	2,396	4	3,341	4	4,229	4	4	4	4	4	4	4	4	4	4
1/4	372	1/4	1,417	1/4	2,416	1/4	3,360	1/4	4,247	1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	1,438	1/2	2,437	1/2	3,379	1/2	4,265	1/2		1/2		1/2		1/2		1/2	
3/4	415	3/4	1,459	3/4	2,457	3/4	3,398	3/4	4,283	3/4		3/4		3/4		3/4		3/4	
5	437	5	1,481	5	2,477	5	3,417	5	4,301	5	5	5	5	5	5	5	5	5	5
1/4	459	1/4	1,502	1/4	2,497	1/4	3,436	1/4	4,319	1/4		1/4		1/4		1/4		1/4	
1/2	481	1/2	1,523	1/2	2,517	1/2	3,455	1/2	4,337	1/2		1/2		1/2		1/2		1/2	
3/4	503	3/4	1,545	3/4	2,537	3/4	3,474	3/4		3/4		3/4		3/4		3/4		3/4	
6	525	6	1,566	6	2,557	6	3,493	6		6	6	6	6	6	6	6	6	6	6
1/4	547	1/4	1,587	1/4	2,577	1/4	3,512	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	568	1/2	1,608	1/2	2,597	1/2	3,530	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	590	3/4	1,630	3/4	2,618	3/4	3,549	3/4		3/4		3/4		3/4		3/4		3/4	
7	612	7	1,651	7	2,638	7	3,568	7		7	7	7	7	7	7	7	7	7	7
1/4	634	1/4	1,672	1/4	2,657	1/4	3,587	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	656	1/2	1,693	1/2	2,677	1/2	3,606	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	678	3/4	1,714	3/4	2,697	3/4	3,624	3/4		3/4		3/4		3/4		3/4		3/4	
8	700	8	1,735	8	2,717	8	3,643	8		8	8	8	8	8	8	8	8	8	8
1/4	721	1/4	1,756	1/4	2,737	1/4	3,662	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	743	1/2	1,777	1/2	2,757	1/2	3,681	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	765	3/4	1,798	3/4	2,777	3/4	3,699	3/4		3/4		3/4		3/4		3/4		3/4	
9	787	9	1,819	9	2,797	9	3,718	9		9	9	9	9	9	9	9	9	9	9
1/4	809	1/4	1,840	1/4	2,816	1/4	3,736	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	831	1/2	1,861	1/2	2,836	1/2	3,755	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	853	3/4	1,882	3/4	2,856	3/4	3,774	3/4		3/4		3/4		3/4		3/4		3/4	
10	874	10	1,903	10	2,875	10	3,792	10		10	10	10	10	10	10	10	10	10	10
1/4	896	1/4	1,923	1/4	2,895	1/4	3,811	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	918	1/2	1,944	1/2	2,915	1/2	3,829	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	940	3/4	1,965	3/4	2,934	3/4	3,848	3/4		3/4		3/4		3/4		3/4		3/4	
11	962	11	1,986	11	2,954	11	3,866	11		11	11	11	11	11	11	11	11	11	11
1/4	984	1/4	2,007	1/4	2,974	1/4	3,884	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,006	1/2	2,027	1/2	2,993	1/2	3,903	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,027	3/4	2,048	3/4	3,013	3/4	3,921	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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Pearland, Texas 77588  
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# BARGE "CTCo 359"

## STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,049	0	2,069	0	3,032	0	3,939	0		0		0		0		0	
1/4	22	1/4	1,071	1/4	2,089	1/4	3,052	1/4	3,958	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,093	1/2	2,110	1/2	3,071	1/2	3,976	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,115	3/4	2,131	3/4	3,090	3/4	3,994	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,136	1	2,151	1	3,110	1	4,013	1	1	1	1	1	1	1	1	1	1
1/4	109	1/4	1,158	1/4	2,172	1/4	3,129	1/4	4,031	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	1,180	1/2	2,192	1/2	3,149	1/2	4,049	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,201	3/4	2,213	3/4	3,168	3/4	4,067	3/4		3/4		3/4		3/4		3/4	
2	175	2	1,223	2	2,233	2	3,187	2	4,085	2	2	2	2	2	2	2	2	2	2
1/4	197	1/4	1,245	1/4	2,254	1/4	3,207	1/4	4,103	1/4		1/4		1/4		1/4		1/4	
1/2	219	1/2	1,266	1/2	2,274	1/2	3,226	1/2	4,121	1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	1,288	3/4	2,294	3/4	3,245	3/4	4,139	3/4		3/4		3/4		3/4		3/4	
3	262	3	1,309	3	2,315	3	3,264	3	4,157	3	3	3	3	3	3	3	3	3	3
1/4	284	1/4	1,331	1/4	2,335	1/4	3,283	1/4	4,175	1/4		1/4		1/4		1/4		1/4	
1/2	306	1/2	1,352	1/2	2,355	1/2	3,303	1/2	4,193	1/2		1/2		1/2		1/2		1/2	
3/4	328	3/4	1,374	3/4	2,376	3/4	3,322	3/4	4,211	3/4		3/4		3/4		3/4		3/4	
4	350	4	1,395	4	2,396	4	3,341	4	4,229	4	4	4	4	4	4	4	4	4	4
1/4	372	1/4	1,417	1/4	2,416	1/4	3,360	1/4	4,247	1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	1,438	1/2	2,437	1/2	3,379	1/2	4,265	1/2		1/2		1/2		1/2		1/2	
3/4	415	3/4	1,459	3/4	2,457	3/4	3,398	3/4	4,283	3/4		3/4		3/4		3/4		3/4	
5	437	5	1,481	5	2,477	5	3,417	5	4,301	5	5	5	5	5	5	5	5	5	5
1/4	459	1/4	1,502	1/4	2,497	1/4	3,436	1/4	4,319	1/4		1/4		1/4		1/4		1/4	
1/2	481	1/2	1,523	1/2	2,517	1/2	3,455	1/2	4,337	1/2		1/2		1/2		1/2		1/2	
3/4	503	3/4	1,545	3/4	2,537	3/4	3,474	3/4		3/4		3/4		3/4		3/4		3/4	
6	525	6	1,566	6	2,557	6	3,493	6		6	6	6	6	6	6	6	6	6	6
1/4	547	1/4	1,587	1/4	2,577	1/4	3,512	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	568	1/2	1,608	1/2	2,597	1/2	3,530	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	590	3/4	1,630	3/4	2,618	3/4	3,549	3/4		3/4		3/4		3/4		3/4		3/4	
7	612	7	1,651	7	2,638	7	3,568	7		7	7	7	7	7	7	7	7	7	7
1/4	634	1/4	1,672	1/4	2,657	1/4	3,587	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	656	1/2	1,693	1/2	2,677	1/2	3,606	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	678	3/4	1,714	3/4	2,697	3/4	3,624	3/4		3/4		3/4		3/4		3/4		3/4	
8	700	8	1,735	8	2,717	8	3,643	8		8	8	8	8	8	8	8	8	8	8
1/4	721	1/4	1,756	1/4	2,737	1/4	3,662	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	743	1/2	1,777	1/2	2,757	1/2	3,681	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	765	3/4	1,798	3/4	2,777	3/4	3,699	3/4		3/4		3/4		3/4		3/4		3/4	
9	787	9	1,819	9	2,797	9	3,718	9		9	9	9	9	9	9	9	9	9	9
1/4	809	1/4	1,840	1/4	2,816	1/4	3,736	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	831	1/2	1,861	1/2	2,836	1/2	3,755	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	853	3/4	1,882	3/4	2,856	3/4	3,774	3/4		3/4		3/4		3/4		3/4		3/4	
10	874	10	1,903	10	2,875	10	3,792	10		10	10	10	10	10	10	10	10	10	10
1/4	896	1/4	1,923	1/4	2,895	1/4	3,811	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	918	1/2	1,944	1/2	2,915	1/2	3,829	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	940	3/4	1,965	3/4	2,934	3/4	3,848	3/4		3/4		3/4		3/4		3/4		3/4	
11	962	11	1,986	11	2,954	11	3,866	11		11	11	11	11	11	11	11	11	11	11
1/4	984	1/4	2,007	1/4	2,974	1/4	3,884	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,006	1/2	2,027	1/2	2,993	1/2	3,903	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,027	3/4	2,048	3/4	3,013	3/4	3,921	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.

STRAPPED: 08/16/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/17/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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