



# BARGE "CTCo 318"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	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	- 00-0/8	00-0/8	- 00-0/8	00-0/8
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	- 00-0/8	00-0/8	- 00-0/8	00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 236'-03"

September 24, 2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 318"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.53	0	326.14	0	684.66	0	1,050.48	0	1,417.51	0	1,785.04	0	2,152.57	0	2,520.10	0	2,887.63	0	3,255.04
1/4	28.03	1/4	333.20	1/4	692.32	1/4	1,058.09	1/4	1,425.17	1/4	1,792.70	1/4	2,160.23	1/4	2,527.76	1/4	2,895.29	1/4	3,262.69
1/2	32.52	1/2	340.27	1/2	699.98	1/2	1,065.70	1/2	1,432.82	1/2	1,800.35	1/2	2,167.89	1/2	2,535.42	1/2	2,902.95	1/2	3,270.35
3/4	37.02	3/4	347.33	3/4	707.63	3/4	1,073.32	3/4	1,440.48	3/4	1,808.01	3/4	2,175.54	3/4	2,543.07	3/4	2,910.61	3/4	3,278.00
1	41.51	1	354.40	1	715.29	1	1,080.93	1	1,448.14	1	1,815.67	1	2,183.20	1	2,550.73	1	2,918.26	1	3,285.65
1/4	47.07	1/4	361.56	1/4	722.95	1/4	1,088.55	1/4	1,455.79	1/4	1,823.33	1/4	2,190.86	1/4	2,558.39	1/4	2,925.92	1/4	3,293.31
1/2	52.63	1/2	368.71	1/2	730.60	1/2	1,096.17	1/2	1,463.45	1/2	1,830.98	1/2	2,198.51	1/2	2,566.04	1/2	2,933.58	1/2	3,300.96
3/4	58.19	3/4	375.87	3/4	738.26	3/4	1,103.79	3/4	1,471.11	3/4	1,838.64	3/4	2,206.17	3/4	2,573.70	3/4	2,941.23	3/4	3,308.61
2	63.74	2	383.03	2	745.92	2	1,111.41	2	1,478.76	2	1,846.30	2	2,213.83	2	2,581.36	2	2,948.89	2	3,316.26
1/4	69.87	1/4	390.28	1/4	753.57	1/4	1,119.04	1/4	1,486.42	1/4	1,853.95	1/4	2,221.48	1/4	2,589.02	1/4	2,956.55	1/4	3,323.92
1/2	75.99	1/2	397.52	1/2	761.23	1/2	1,126.67	1/2	1,494.08	1/2	1,861.61	1/2	2,229.14	1/2	2,596.67	1/2	2,964.20	1/2	3,331.57
3/4	82.11	3/4	404.77	3/4	768.89	3/4	1,134.29	3/4	1,501.74	3/4	1,869.27	3/4	2,236.80	3/4	2,604.33	3/4	2,971.86	3/4	3,339.22
3	88.23	3	412.02	3	776.54	3	1,141.92	3	1,509.39	3	1,876.92	3	2,244.45	3	2,611.99	3	2,979.52	3	3,346.88
1/4	94.46	1/4	419.36	1/4	784.17	1/4	1,149.56	1/4	1,517.05	1/4	1,884.58	1/4	2,252.11	1/4	2,619.64	1/4	2,987.18	1/4	3,354.53
1/2	100.69	1/2	426.70	1/2	791.81	1/2	1,157.20	1/2	1,524.71	1/2	1,892.24	1/2	2,259.77	1/2	2,627.30	1/2	2,994.83	1/2	3,362.18
3/4	106.92	3/4	434.04	3/4	799.44	3/4	1,164.85	3/4	1,532.36	3/4	1,899.89	3/4	2,267.43	3/4	2,634.96	3/4	3,002.49	3/4	3,369.84
4	113.15	4	441.37	4	807.07	4	1,172.49	4	1,540.02	4	1,907.55	4	2,275.08	4	2,642.61	4	3,010.15	4	3,377.49
1/4	119.48	1/4	448.80	1/4	814.68	1/4	1,180.15	1/4	1,547.68	1/4	1,915.21	1/4	2,282.74	1/4	2,650.27	1/4	3,017.80	1/4	3,385.14
1/2	125.81	1/2	456.23	1/2	822.28	1/2	1,187.80	1/2	1,555.33	1/2	1,922.87	1/2	2,290.40	1/2	2,657.93	1/2	3,025.45	1/2	3,392.79
3/4	132.14	3/4	463.66	3/4	829.89	3/4	1,195.46	3/4	1,562.99	3/4	1,930.52	3/4	2,298.05	3/4	2,665.58	3/4	3,033.11	3/4	3,400.45
5	138.47	5	471.09	5	837.49	5	1,203.12	5	1,570.65	5	1,938.18	5	2,305.71	5	2,673.24	5	3,040.76	5	3,408.10
1/4	144.90	1/4	478.61	1/4	845.10	1/4	1,210.77	1/4	1,578.30	1/4	1,945.84	1/4	2,313.37	1/4	2,680.90	1/4	3,048.41	1/4	3,415.75
1/2	151.33	1/2	486.13	1/2	852.71	1/2	1,218.43	1/2	1,585.96	1/2	1,953.49	1/2	2,321.02	1/2	2,688.56	1/2	3,056.07	1/2	3,423.41
3/4	157.75	3/4	493.65	3/4	860.31	3/4	1,226.09	3/4	1,593.62	3/4	1,961.15	3/4	2,328.68	3/4	2,696.21	3/4	3,063.72	3/4	3,431.06
6	164.18	6	501.17	6	867.92	6	1,233.74	6	1,601.28	6	1,968.81	6	2,336.34	6	2,703.87	6	3,071.37	6	3,438.71
1/4	170.70	1/4	508.77	1/4	875.52	1/4	1,241.40	1/4	1,608.93	1/4	1,976.46	1/4	2,343.99	1/4	2,711.53	1/4	3,079.02	1/4	3,446.36
1/2	177.22	1/2	516.37	1/2	883.13	1/2	1,249.06	1/2	1,616.59	1/2	1,984.12	1/2	2,351.65	1/2	2,719.18	1/2	3,086.68	1/2	3,454.02
3/4	183.74	3/4	523.97	3/4	890.74	3/4	1,256.71	3/4	1,624.25	3/4	1,991.78	3/4	2,359.31	3/4	2,726.84	3/4	3,094.33	3/4	3,461.67
7	190.26	7	531.57	7	898.34	7	1,264.37	7	1,631.90	7	1,999.43	7	2,366.97	7	2,734.50	7	3,101.98	7	3,469.32
1/4	196.88	1/4	539.22	1/4	905.95	1/4	1,272.03	1/4	1,639.56	1/4	2,007.09	1/4	2,374.62	1/4	2,742.15	1/4	3,109.64	1/4	3,476.98
1/2	203.49	1/2	546.86	1/2	913.55	1/2	1,279.69	1/2	1,647.22	1/2	2,014.75	1/2	2,382.28	1/2	2,749.81	1/2	3,117.29	1/2	3,484.63
3/4	210.10	3/4	554.51	3/4	921.16	3/4	1,287.34	3/4	1,654.87	3/4	2,022.40	3/4	2,389.94	3/4	2,757.47	3/4	3,124.94	3/4	3,492.28
8	216.71	8	562.16	8	928.77	8	1,295.00	8	1,662.53	8	2,030.06	8	2,397.59	8	2,765.12	8	3,132.60	8	3,499.93
1/4	223.42	1/4	569.81	1/4	936.37	1/4	1,302.66	1/4	1,670.19	1/4	2,037.72	1/4	2,405.25	1/4	2,772.78	1/4	3,140.25	1/4	3,507.59
1/2	230.12	1/2	577.47	1/2	943.98	1/2	1,310.31	1/2	1,677.84	1/2	2,045.38	1/2	2,412.91	1/2	2,780.44	1/2	3,147.90	1/2	3,515.24
3/4	236.82	3/4	585.13	3/4	951.58	3/4	1,317.97	3/4	1,685.50	3/4	2,053.03	3/4	2,420.56	3/4	2,788.09	3/4	3,155.55	3/4	3,522.89
9	243.52	9	592.78	9	959.19	9	1,325.63	9	1,693.16	9	2,060.69	9	2,428.22	9	2,795.75	9	3,163.21	9	3,530.55
1/4	250.32	1/4	600.44	1/4	966.80	1/4	1,333.28	1/4	1,700.82	1/4	2,068.35	1/4	2,435.88	1/4	2,803.41	1/4	3,170.86	1/4	3,538.19
1/2	257.11	1/2	608.10	1/2	974.40	1/2	1,340.94	1/2	1,708.47	1/2	2,076.00	1/2	2,443.53	1/2	2,811.07	1/2	3,178.51	1/2	3,545.84
3/4	263.90	3/4	615.75	3/4	982.01	3/4	1,348.60	3/4	1,716.13	3/4	2,083.66	3/4	2,451.19	3/4	2,818.72	3/4	3,186.17	3/4	3,553.49
10	270.70	10	623.41	10	989.61	10	1,356.25	10	1,723.79	10	2,091.32	10	2,458.85	10	2,826.38	10	3,193.82	10	3,561.14
1/4	277.58	1/4	631.07	1/4	997.22	1/4	1,363.91	1/4	1,731.44	1/4	2,098.97	1/4	2,466.50	1/4	2,834.04	1/4	3,201.47	1/4	3,568.78
1/2	284.47	1/2	638.72	1/2	1,004.83	1/2	1,371.57	1/2	1,739.10	1/2	2,106.63	1/2	2,474.16	1/2	2,841.69	1/2	3,209.12	1/2	3,576.42
3/4	291.35	3/4	646.38	3/4	1,012.43	3/4	1,379.23	3/4	1,746.76	3/4	2,114.29	3/4	2,481.82	3/4	2,849.35	3/4	3,216.78	3/4	3,584.06
11	298.23	11	654.04	11	1,020.04	11	1,386.88	11	1,754.41	11	2,121.94	11	2,489.48	11	2,857.01	11	3,224.43	11	3,591.70
1/4	305.21	1/4	661.69	1/4	1,027.65	1/4	1,394.54	1/4	1,762.07	1/4	2,129.60	1/4	2,497.13	1/4	2,864.66	1/4	3,232.08	1/4	3,599.34
1/2	312.19	1/2	669.35	1/2	1,035.26	1/2	1,402.20	1/2	1,769.73	1/2	2,137.26	1/2	2,504.79	1/2	2,872.32	1/2	3,239.74	1/2	3,606.98
3/4	319.16	3/4	677.01	3/4	1,042.87	3/4	1,409.85	3/4	1,777.38	3/4	2,144.92	3/4	2,512.45	3/4	2,879.98	3/4	3,247.39	3/4	3,614.63

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 AT 2" DIAMETER OPENING ON "HERMETIC" CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 318"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,622.27	0	3,989.05	0	4,352.99	0	4,698.22	0	5,031.70	0		0		0		0		0	
1/4	3,629.91	1/4	3,996.69	1/4	4,360.39	1/4	4,705.18	1/4	5,039.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.55	1/2	4,004.33	1/2	4,367.79	1/2	4,712.14	1/2	5,046.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,645.19	3/4	4,011.97	3/4	4,375.20	3/4	4,719.10	3/4	5,054.45	3/4		3/4		3/4		3/4		3/4	
1	3,652.83	1	4,019.61	1	4,382.60	1	4,726.05	1	5,062.03	1		1		1		1		1	
1/4	3,660.47	1/4	4,027.26	1/4	4,389.96	1/4	4,732.96	1/4	5,069.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,668.11	1/2	4,034.90	1/2	4,397.33	1/2	4,739.86	1/2	5,076.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.76	3/4	4,042.54	3/4	4,404.70	3/4	4,746.77	3/4	5,083.64	3/4		3/4		3/4		3/4		3/4	
2	3,683.40	2	4,050.18	2	4,412.07	2	4,753.67	2	5,090.84	2		2		2		2		2	
1/4	3,691.04	1/4	4,057.82	1/4	4,419.39	1/4	4,760.52	1/4	5,096.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,698.68	1/2	4,065.46	1/2	4,426.71	1/2	4,767.37	1/2	5,102.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,706.32	3/4	4,073.10	3/4	4,434.04	3/4	4,774.22	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,713.96	3	4,080.74	3	4,441.36	3	4,781.07	3		3		3		3		3		3	
1/4	3,721.60	1/4	4,088.39	1/4	4,448.63	1/4	4,787.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.24	1/2	4,096.03	1/2	4,455.91	1/2	4,794.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.89	3/4	4,103.67	3/4	4,463.18	3/4	4,801.53	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,744.53	4	4,111.31	4	4,470.46	4	4,808.34	4		4		4		4		4		4	
1/4	3,752.17	1/4	4,118.95	1/4	4,477.69	1/4	4,815.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,759.81	1/2	4,126.59	1/2	4,484.93	1/2	4,821.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,767.45	3/4	4,134.23	3/4	4,492.17	3/4	4,828.69	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,775.09	5	4,141.87	5	4,499.40	5	4,835.48	5		5		5		5		5		5	
1/4	3,782.73	1/4	4,149.51	1/4	4,506.60	1/4	4,842.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,790.38	1/2	4,157.14	1/2	4,513.81	1/2	4,848.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.02	3/4	4,164.78	3/4	4,521.01	3/4	4,855.73	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,805.66	6	4,172.41	6	4,528.21	6	4,862.48	6		6		6		6		6		6	
1/4	3,813.30	1/4	4,180.02	1/4	4,535.38	1/4	4,869.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,820.94	1/2	4,187.64	1/2	4,542.55	1/2	4,875.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,828.58	3/4	4,195.25	3/4	4,549.72	3/4	4,882.61	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,836.22	7	4,202.86	7	4,556.89	7	4,889.32	7		7		7		7		7		7	
1/4	3,843.86	1/4	4,210.44	1/4	4,564.02	1/4	4,896.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,851.51	1/2	4,218.02	1/2	4,571.16	1/2	4,902.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,859.15	3/4	4,225.60	3/4	4,578.29	3/4	4,909.35	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,866.79	8	4,233.17	8	4,585.43	8	4,916.03	8		8		8		8		8		8	
1/4	3,874.43	1/4	4,240.72	1/4	4,592.53	1/4	4,922.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,882.07	1/2	4,248.26	1/2	4,599.63	1/2	4,929.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,889.71	3/4	4,255.81	3/4	4,606.73	3/4	4,935.96	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,897.35	9	4,263.35	9	4,613.83	9	4,942.60	9		9		9		9		9		9	
1/4	3,904.99	1/4	4,270.86	1/4	4,620.90	1/4	4,949.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,912.64	1/2	4,278.37	1/2	4,627.97	1/2	4,956.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,920.28	3/4	4,285.87	3/4	4,635.03	3/4	4,963.92	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,927.92	10	4,293.38	10	4,642.10	10	4,971.03	10		10		10		10		10		10	
1/4	3,935.56	1/4	4,300.85	1/4	4,649.14	1/4	4,978.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,943.20	1/2	4,308.32	1/2	4,656.17	1/2	4,986.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,950.84	3/4	4,315.78	3/4	4,663.20	3/4	4,993.78	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,958.48	11	4,323.25	11	4,670.24	11	5,001.36	11		11		11		11		11		11	
1/4	3,966.12	1/4	4,330.69	1/4	4,677.23	1/4	5,008.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,973.77	1/2	4,338.12	1/2	4,684.23	1/2	5,016.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,981.41	3/4	4,345.56	3/4	4,691.23	3/4	5,024.11	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/23/2013 CL  
CALCULATED: 09/23/2013 CL  
PRINTED: 09/24/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2013

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



# BARGE "CTCo 318"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.54	0	325.97	0	684.05	0	1,050.73	0	1,417.83	0	1,784.97	0	2,152.12	0	2,519.26	0	2,886.40	0	3,253.41
1/4	28.04	1/4	333.03	1/4	691.70	1/4	1,058.37	1/4	1,425.48	1/4	1,792.62	1/4	2,159.77	1/4	2,526.91	1/4	2,894.05	1/4	3,261.05
1/2	32.54	1/2	340.09	1/2	699.34	1/2	1,066.01	1/2	1,433.13	1/2	1,800.27	1/2	2,167.41	1/2	2,534.56	1/2	2,901.70	1/2	3,268.70
3/4	37.03	3/4	347.14	3/4	706.99	3/4	1,073.66	3/4	1,440.78	3/4	1,807.92	3/4	2,175.06	3/4	2,542.21	3/4	2,909.35	3/4	3,276.34
1	41.53	1	354.20	1	714.64	1	1,081.30	1	1,448.43	1	1,815.57	1	2,182.71	1	2,549.85	1	2,917.00	1	3,283.99
1/4	47.09	1/4	361.35	1/4	722.29	1/4	1,088.94	1/4	1,456.08	1/4	1,823.22	1/4	2,190.36	1/4	2,557.50	1/4	2,924.65	1/4	3,291.63
1/2	52.65	1/2	368.50	1/2	729.94	1/2	1,096.59	1/2	1,463.72	1/2	1,830.87	1/2	2,198.01	1/2	2,565.15	1/2	2,932.29	1/2	3,299.28
3/4	58.21	3/4	375.65	3/4	737.59	3/4	1,104.23	3/4	1,471.37	3/4	1,838.52	3/4	2,205.66	3/4	2,572.80	3/4	2,939.94	3/4	3,306.92
2	63.77	2	382.80	2	745.24	2	1,111.88	2	1,479.02	2	1,846.16	2	2,213.31	2	2,580.45	2	2,947.59	2	3,314.57
1/4	69.90	1/4	390.04	1/4	752.88	1/4	1,119.53	1/4	1,486.67	1/4	1,853.81	1/4	2,220.96	1/4	2,588.10	1/4	2,955.24	1/4	3,322.21
1/2	76.02	1/2	397.28	1/2	760.53	1/2	1,127.18	1/2	1,494.32	1/2	1,861.46	1/2	2,228.60	1/2	2,595.75	1/2	2,962.89	1/2	3,329.86
3/4	82.15	3/4	404.52	3/4	768.18	3/4	1,134.83	3/4	1,501.97	3/4	1,869.11	3/4	2,236.25	3/4	2,603.40	3/4	2,970.54	3/4	3,337.50
3	88.27	3	411.76	3	775.83	3	1,142.48	3	1,509.62	3	1,876.76	3	2,243.90	3	2,611.04	3	2,978.19	3	3,345.15
1/4	94.51	1/4	419.09	1/4	783.47	1/4	1,150.12	1/4	1,517.27	1/4	1,884.41	1/4	2,251.55	1/4	2,618.69	1/4	2,985.83	1/4	3,352.79
1/2	100.74	1/2	426.42	1/2	791.11	1/2	1,157.77	1/2	1,524.92	1/2	1,892.06	1/2	2,259.20	1/2	2,626.34	1/2	2,993.48	1/2	3,360.44
3/4	106.98	3/4	433.75	3/4	798.75	3/4	1,165.42	3/4	1,532.56	3/4	1,899.71	3/4	2,266.85	3/4	2,633.99	3/4	3,001.13	3/4	3,368.08
4	113.21	4	441.08	4	806.40	4	1,173.07	4	1,540.21	4	1,907.36	4	2,274.50	4	2,641.64	4	3,008.77	4	3,375.72
1/4	119.54	1/4	448.50	1/4	814.03	1/4	1,180.72	1/4	1,547.86	1/4	1,915.00	1/4	2,282.15	1/4	2,649.29	1/4	3,016.42	1/4	3,383.37
1/2	125.87	1/2	455.92	1/2	821.67	1/2	1,188.37	1/2	1,555.51	1/2	1,922.65	1/2	2,289.80	1/2	2,656.94	1/2	3,024.06	1/2	3,391.01
3/4	132.20	3/4	463.34	3/4	829.30	3/4	1,196.02	3/4	1,563.16	3/4	1,930.30	3/4	2,297.44	3/4	2,664.59	3/4	3,031.71	3/4	3,398.66
5	138.53	5	470.76	5	836.94	5	1,203.67	5	1,570.81	5	1,937.95	5	2,305.09	5	2,672.24	5	3,039.35	5	3,406.30
1/4	144.95	1/4	478.28	1/4	844.57	1/4	1,211.31	1/4	1,578.46	1/4	1,945.60	1/4	2,312.74	1/4	2,679.88	1/4	3,047.00	1/4	3,413.95
1/2	151.37	1/2	485.79	1/2	852.21	1/2	1,218.96	1/2	1,586.11	1/2	1,953.25	1/2	2,320.39	1/2	2,687.53	1/2	3,054.64	1/2	3,421.59
3/4	157.79	3/4	493.30	3/4	859.84	3/4	1,226.61	3/4	1,593.75	3/4	1,960.90	3/4	2,328.04	3/4	2,695.18	3/4	3,062.29	3/4	3,429.24
6	164.22	6	500.81	6	867.48	6	1,234.26	6	1,601.40	6	1,968.55	6	2,335.69	6	2,702.83	6	3,069.93	6	3,436.88
1/4	170.73	1/4	508.40	1/4	875.11	1/4	1,241.91	1/4	1,609.05	1/4	1,976.19	1/4	2,343.34	1/4	2,710.48	1/4	3,077.58	1/4	3,444.53
1/2	177.24	1/2	515.99	1/2	882.75	1/2	1,249.56	1/2	1,616.70	1/2	1,983.84	1/2	2,350.99	1/2	2,718.13	1/2	3,085.22	1/2	3,452.17
3/4	183.75	3/4	523.58	3/4	890.38	3/4	1,257.21	3/4	1,624.35	3/4	1,991.49	3/4	2,358.63	3/4	2,725.78	3/4	3,092.87	3/4	3,459.82
7	190.27	7	531.17	7	898.02	7	1,264.86	7	1,632.00	7	1,999.14	7	2,366.28	7	2,733.43	7	3,100.51	7	3,467.46
1/4	196.87	1/4	538.80	1/4	905.65	1/4	1,272.50	1/4	1,639.65	1/4	2,006.79	1/4	2,373.93	1/4	2,741.07	1/4	3,108.16	1/4	3,475.11
1/2	203.47	1/2	546.43	1/2	913.29	1/2	1,280.15	1/2	1,647.30	1/2	2,014.44	1/2	2,381.58	1/2	2,748.72	1/2	3,115.80	1/2	3,482.75
3/4	210.08	3/4	554.05	3/4	920.92	3/4	1,287.80	3/4	1,654.94	3/4	2,022.09	3/4	2,389.23	3/4	2,756.37	3/4	3,123.45	3/4	3,490.40
8	216.68	8	561.68	8	928.55	8	1,295.45	8	1,662.59	8	2,029.74	8	2,396.88	8	2,764.02	8	3,131.09	8	3,498.04
1/4	223.37	1/4	569.33	1/4	936.19	1/4	1,303.10	1/4	1,670.24	1/4	2,037.38	1/4	2,404.53	1/4	2,771.67	1/4	3,138.74	1/4	3,505.69
1/2	230.07	1/2	576.97	1/2	943.82	1/2	1,310.75	1/2	1,677.89	1/2	2,045.03	1/2	2,412.18	1/2	2,779.32	1/2	3,146.38	1/2	3,513.33
3/4	236.76	3/4	584.62	3/4	951.46	3/4	1,318.40	3/4	1,685.54	3/4	2,052.68	3/4	2,419.82	3/4	2,786.97	3/4	3,154.03	3/4	3,520.98
9	243.46	9	592.26	9	959.09	9	1,326.05	9	1,693.19	9	2,060.33	9	2,427.47	9	2,794.62	9	3,161.67	9	3,528.62
1/4	250.24	1/4	599.91	1/4	966.73	1/4	1,333.70	1/4	1,700.84	1/4	2,067.98	1/4	2,435.12	1/4	2,802.26	1/4	3,169.32	1/4	3,536.27
1/2	257.03	1/2	607.56	1/2	974.36	1/2	1,341.34	1/2	1,708.49	1/2	2,075.63	1/2	2,442.77	1/2	2,809.91	1/2	3,176.96	1/2	3,543.91
3/4	263.81	3/4	615.21	3/4	982.00	3/4	1,348.99	3/4	1,716.14	3/4	2,083.28	3/4	2,450.42	3/4	2,817.56	3/4	3,184.60	3/4	3,551.56
10	270.60	10	622.86	10	989.63	10	1,356.64	10	1,723.78	10	2,090.93	10	2,458.07	10	2,825.21	10	3,192.25	10	3,559.20
1/4	277.47	1/4	630.51	1/4	997.27	1/4	1,364.29	1/4	1,731.43	1/4	2,098.58	1/4	2,465.72	1/4	2,832.86	1/4	3,199.89	1/4	3,566.84
1/2	284.35	1/2	638.16	1/2	1,004.90	1/2	1,371.94	1/2	1,739.08	1/2	2,106.22	1/2	2,473.37	1/2	2,840.51	1/2	3,207.54	1/2	3,574.49
3/4	291.23	3/4	645.80	3/4	1,012.54	3/4	1,379.59	3/4	1,746.73	3/4	2,113.87	3/4	2,481.02	3/4	2,848.16	3/4	3,215.18	3/4	3,582.13
11	298.10	11	653.45	11	1,020.17	11	1,387.24	11	1,754.38	11	2,121.52	11	2,488.66	11	2,855.81	11	3,222.83	11	3,589.78
1/4	305.07	1/4	661.10	1/4	1,027.81	1/4	1,394.89	1/4	1,762.03	1/4	2,129.17	1/4	2,496.31	1/4	2,863.46	1/4	3,230.47	1/4	3,597.42
1/2	312.04	1/2	668.75	1/2	1,035.45	1/2	1,402.53	1/2	1,769.68	1/2	2,136.82	1/2	2,503.96	1/2	2,871.10	1/2	3,238.12	1/2	3,605.07
3/4	319.00	3/4	676.40	3/4	1,043.09	3/4	1,410.18	3/4	1,777.33	3/4	2,144.47	3/4	2,511.61	3/4	2,878.75	3/4	3,245.76	3/4	3,612.71

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 AT 2" DIAMETER OPENING ON "HERMETIC" CLOSED GAUGING VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 318"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,620.36	0	3,987.31	0	4,351.42	0	4,696.81	0	5,030.44	0		0		0		0		0	
1/4	3,628.00	1/4	3,994.95	1/4	4,358.82	1/4	4,703.77	1/4	5,038.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.65	1/2	4,002.60	1/2	4,366.23	1/2	4,710.73	1/2	5,045.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,643.29	3/4	4,010.24	3/4	4,373.63	3/4	4,717.69	3/4	5,053.20	3/4		3/4		3/4		3/4		3/4	
1	3,650.94	1	4,017.89	1	4,381.04	1	4,724.65	1	5,060.79	1		1		1		1		1	
1/4	3,658.58	1/4	4,025.53	1/4	4,388.41	1/4	4,731.56	1/4	5,067.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,666.23	1/2	4,033.18	1/2	4,395.78	1/2	4,738.47	1/2	5,075.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.87	3/4	4,040.82	3/4	4,403.15	3/4	4,745.37	3/4	5,082.40	3/4		3/4		3/4		3/4		3/4	
2	3,681.52	2	4,048.47	2	4,410.52	2	4,752.28	2	5,089.60	2		2		2		2		2	
1/4	3,689.16	1/4	4,056.11	1/4	4,417.85	1/4	4,759.14	1/4	5,095.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,696.81	1/2	4,063.76	1/2	4,425.17	1/2	4,765.99	1/2	5,101.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,704.45	3/4	4,071.40	3/4	4,432.50	3/4	4,772.84	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,712.10	3	4,079.05	3	4,439.82	3	4,779.70	3		3		3		3		3		3	
1/4	3,719.74	1/4	4,086.69	1/4	4,447.10	1/4	4,786.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,727.39	1/2	4,094.34	1/2	4,454.38	1/2	4,793.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,735.03	3/4	4,101.98	3/4	4,461.66	3/4	4,800.16	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,742.68	4	4,109.63	4	4,468.94	4	4,806.98	4		4		4		4		4		4	
1/4	3,750.32	1/4	4,117.27	1/4	4,476.17	1/4	4,813.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.96	1/2	4,124.92	1/2	4,483.41	1/2	4,820.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.61	3/4	4,132.56	3/4	4,490.65	3/4	4,827.34	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,773.25	5	4,140.20	5	4,497.89	5	4,834.13	5		5		5		5		5		5	
1/4	3,780.90	1/4	4,147.84	1/4	4,505.10	1/4	4,840.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,788.54	1/2	4,155.48	1/2	4,512.31	1/2	4,847.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,796.19	3/4	4,163.12	3/4	4,519.51	3/4	4,854.39	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,803.83	6	4,170.76	6	4,526.72	6	4,861.14	6		6		6		6		6		6	
1/4	3,811.48	1/4	4,178.37	1/4	4,533.89	1/4	4,867.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,819.12	1/2	4,185.99	1/2	4,541.06	1/2	4,874.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,826.77	3/4	4,193.60	3/4	4,548.23	3/4	4,881.28	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,834.41	7	4,201.22	7	4,555.41	7	4,888.00	7		7		7		7		7		7	
1/4	3,842.06	1/4	4,208.80	1/4	4,562.54	1/4	4,894.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.70	1/2	4,216.38	1/2	4,569.68	1/2	4,901.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,857.35	3/4	4,223.96	3/4	4,576.82	3/4	4,908.04	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,864.99	8	4,231.54	8	4,583.96	8	4,914.71	8		8		8		8		8		8	
1/4	3,872.64	1/4	4,239.09	1/4	4,591.06	1/4	4,921.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.28	1/2	4,246.64	1/2	4,598.17	1/2	4,928.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,887.93	3/4	4,254.19	3/4	4,605.27	3/4	4,934.66	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,895.57	9	4,261.74	9	4,612.38	9	4,941.30	9		9		9		9		9		9	
1/4	3,903.22	1/4	4,269.25	1/4	4,619.45	1/4	4,948.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,910.86	1/2	4,276.76	1/2	4,626.52	1/2	4,955.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.51	3/4	4,284.27	3/4	4,633.59	3/4	4,962.63	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,926.15	10	4,291.78	10	4,640.66	10	4,969.74	10		10		10		10		10		10	
1/4	3,933.80	1/4	4,299.25	1/4	4,647.70	1/4	4,977.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,941.44	1/2	4,306.72	1/2	4,654.74	1/2	4,984.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,949.08	3/4	4,314.19	3/4	4,661.77	3/4	4,992.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,956.73	11	4,321.66	11	4,668.81	11	5,000.09	11		11		11		11		11		11	
1/4	3,964.37	1/4	4,329.10	1/4	4,675.81	1/4	5,007.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,972.02	1/2	4,336.54	1/2	4,682.81	1/2	5,015.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,979.66	3/4	4,343.98	3/4	4,689.81	3/4	5,022.85	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/23/2013 CL  
CALCULATED: 09/23/2013 CL  
PRINTED: 09/24/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2013

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



# BARGE "CTCo 318"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.69	0	359.04	0	703.54	0	1,037.73	0	1,378.20	0	1,722.72	0	2,067.24	0	2,411.76	0	2,756.28	0	3,100.65
1/4	29.07	1/4	366.21	1/4	710.72	1/4	1,044.61	1/4	1,385.38	1/4	1,729.90	1/4	2,074.42	1/4	2,418.94	1/4	2,763.46	1/4	3,107.83
1/2	34.46	1/2	373.39	1/2	717.90	1/2	1,051.49	1/2	1,392.56	1/2	1,737.08	1/2	2,081.60	1/2	2,426.12	1/2	2,770.64	1/2	3,115.00
3/4	39.84	3/4	380.57	3/4	725.07	3/4	1,058.37	3/4	1,399.74	3/4	1,744.26	3/4	2,088.78	3/4	2,433.30	3/4	2,777.82	3/4	3,122.17
1	45.22	1	387.74	1	732.25	1	1,065.25	1	1,406.91	1	1,751.43	1	2,095.95	1	2,440.47	1	2,813.70	1	3,129.35
1/4	51.93	1/4	394.92	1/4	739.43	1/4	1,072.14	1/4	1,414.09	1/4	1,758.61	1/4	2,103.13	1/4	2,447.65	1/4	2,792.17	1/4	3,136.52
1/2	58.64	1/2	402.10	1/2	746.60	1/2	1,079.03	1/2	1,421.27	1/2	1,765.79	1/2	2,110.31	1/2	2,454.83	1/2	2,799.35	1/2	3,143.69
3/4	65.35	3/4	409.28	3/4	753.78	3/4	1,085.91	3/4	1,428.45	3/4	1,772.97	3/4	2,117.49	3/4	2,462.01	3/4	2,806.53	3/4	3,150.87
2	72.06	2	416.45	2	760.96	2	1,092.80	2	1,435.62	2	1,780.14	2	2,124.66	2	2,469.18	2	2,813.70	2	3,158.04
1/4	79.22	1/4	423.63	1/4	768.14	1/4	1,099.70	1/4	1,442.80	1/4	1,787.32	1/4	2,131.84	1/4	2,476.36	1/4	2,820.88	1/4	3,165.21
1/2	86.37	1/2	430.81	1/2	775.31	1/2	1,106.59	1/2	1,449.98	1/2	1,794.50	1/2	2,139.02	1/2	2,483.54	1/2	2,828.06	1/2	3,172.39
3/4	93.53	3/4	437.98	3/4	782.49	3/4	1,113.48	3/4	1,457.16	3/4	1,801.68	3/4	2,146.20	3/4	2,490.72	3/4	2,835.24	3/4	3,179.56
3	100.68	3	445.16	3	789.67	3	1,120.38	3	1,464.33	3	1,808.85	3	2,153.37	3	2,497.89	3	2,842.41	3	3,186.73
1/4	107.85	1/4	452.34	1/4	796.69	1/4	1,127.42	1/4	1,471.51	1/4	1,816.03	1/4	2,160.55	1/4	2,505.07	1/4	2,849.59	1/4	3,193.91
1/2	115.02	1/2	459.52	1/2	803.72	1/2	1,134.45	1/2	1,478.69	1/2	1,823.21	1/2	2,167.73	1/2	2,512.25	1/2	2,856.76	1/2	3,201.08
3/4	122.20	3/4	466.69	3/4	810.74	3/4	1,141.49	3/4	1,485.87	3/4	1,830.39	3/4	2,174.91	3/4	2,519.43	3/4	2,863.93	3/4	3,208.25
4	129.37	4	473.87	4	817.77	4	1,148.52	4	1,493.04	4	1,837.56	4	2,182.08	4	2,526.60	4	2,871.10	4	3,215.43
1/4	136.54	1/4	481.05	1/4	824.64	1/4	1,155.70	1/4	1,500.22	1/4	1,844.74	1/4	2,189.26	1/4	2,533.78	1/4	2,878.28	1/4	3,222.60
1/2	143.72	1/2	488.23	1/2	831.52	1/2	1,162.88	1/2	1,507.40	1/2	1,851.92	1/2	2,196.44	1/2	2,540.96	1/2	2,885.45	1/2	3,229.77
3/4	150.90	3/4	495.40	3/4	838.39	3/4	1,170.06	3/4	1,514.58	3/4	1,859.10	3/4	2,203.62	3/4	2,548.14	3/4	2,892.62	3/4	3,236.95
5	158.07	5	502.58	5	845.26	5	1,177.23	5	1,521.75	5	1,866.27	5	2,210.79	5	2,555.31	5	2,899.80	5	3,244.12
1/4	165.25	1/4	509.76	1/4	852.14	1/4	1,184.41	1/4	1,528.93	1/4	1,873.45	1/4	2,217.97	1/4	2,562.49	1/4	2,906.97	1/4	3,251.29
1/2	172.43	1/2	516.93	1/2	859.01	1/2	1,191.59	1/2	1,536.11	1/2	1,880.63	1/2	2,225.15	1/2	2,569.67	1/2	2,914.14	1/2	3,258.47
3/4	179.61	3/4	524.11	3/4	865.88	3/4	1,198.77	3/4	1,543.29	3/4	1,887.81	3/4	2,232.33	3/4	2,576.85	3/4	2,921.32	3/4	3,265.64
6	186.78	6	531.29	6	872.76	6	1,205.94	6	1,550.46	6	1,894.98	6	2,239.50	6	2,584.02	6	2,928.49	6	3,272.81
1/4	193.96	1/4	538.47	1/4	879.63	1/4	1,213.12	1/4	1,557.64	1/4	1,902.16	1/4	2,246.68	1/4	2,591.20	1/4	2,935.66	1/4	3,279.99
1/2	201.14	1/2	545.64	1/2	886.50	1/2	1,220.30	1/2	1,564.82	1/2	1,909.34	1/2	2,253.86	1/2	2,598.38	1/2	2,942.84	1/2	3,287.16
3/4	208.31	3/4	552.82	3/4	893.38	3/4	1,227.48	3/4	1,572.00	3/4	1,916.52	3/4	2,261.04	3/4	2,605.56	3/4	2,950.01	3/4	3,294.33
7	215.49	7	560.00	7	900.25	7	1,234.65	7	1,579.17	7	1,923.69	7	2,268.21	7	2,612.73	7	2,957.18	7	3,301.51
1/4	222.67	1/4	567.17	1/4	907.12	1/4	1,241.83	1/4	1,586.35	1/4	1,930.87	1/4	2,275.39	1/4	2,619.91	1/4	2,964.36	1/4	3,308.68
1/2	229.85	1/2	574.35	1/2	914.00	1/2	1,249.01	1/2	1,593.53	1/2	1,938.05	1/2	2,282.57	1/2	2,627.09	1/2	2,971.53	1/2	3,315.85
3/4	237.02	3/4	581.53	3/4	920.87	3/4	1,256.19	3/4	1,600.71	3/4	1,945.23	3/4	2,289.75	3/4	2,634.27	3/4	2,978.70	3/4	3,323.03
8	244.20	8	588.71	8	927.74	8	1,263.36	8	1,607.88	8	1,952.40	8	2,296.92	8	2,641.44	8	2,985.88	8	3,330.20
1/4	251.38	1/4	595.88	1/4	934.62	1/4	1,270.54	1/4	1,615.06	1/4	1,959.58	1/4	2,304.10	1/4	2,648.62	1/4	2,993.05	1/4	3,337.37
1/2	258.55	1/2	603.06	1/2	941.49	1/2	1,277.72	1/2	1,622.24	1/2	1,966.76	1/2	2,311.28	1/2	2,655.80	1/2	3,000.22	1/2	3,344.55
3/4	265.73	3/4	610.24	3/4	948.36	3/4	1,284.90	3/4	1,629.42	3/4	1,973.94	3/4	2,318.46	3/4	2,662.98	3/4	3,007.40	3/4	3,351.72
9	272.91	9	617.41	9	955.24	9	1,292.07	9	1,636.59	9	1,981.11	9	2,325.63	9	2,670.15	9	3,014.57	9	3,358.89
1/4	280.09	1/4	624.59	1/4	962.11	1/4	1,299.25	1/4	1,643.77	1/4	1,988.29	1/4	2,332.81	1/4	2,677.33	1/4	3,021.74	1/4	3,366.07
1/2	287.26	1/2	631.77	1/2	968.98	1/2	1,306.43	1/2	1,650.95	1/2	1,995.47	1/2	2,339.99	1/2	2,684.51	1/2	3,028.92	1/2	3,373.24
3/4	294.44	3/4	638.95	3/4	975.86	3/4	1,313.61	3/4	1,658.13	3/4	2,002.65	3/4	2,347.17	3/4	2,691.69	3/4	3,036.09	3/4	3,380.41
10	301.62	10	646.12	10	982.73	10	1,320.78	10	1,665.30	10	2,009.82	10	2,354.34	10	2,698.86	10	3,043.26	10	3,387.59
1/4	308.80	1/4	653.30	1/4	989.60	1/4	1,327.96	1/4	1,672.48	1/4	2,017.00	1/4	2,361.52	1/4	2,706.04	1/4	3,050.44	1/4	3,394.76
1/2	315.97	1/2	660.48	1/2	996.48	1/2	1,335.14	1/2	1,679.66	1/2	2,024.18	1/2	2,368.70	1/2	2,713.22	1/2	3,057.61	1/2	3,401.93
3/4	323.15	3/4	667.66	3/4	1,003.35	3/4	1,342.32	3/4	1,686.84	3/4	2,031.36	3/4	2,375.88	3/4	2,720.40	3/4	3,064.78	3/4	3,409.11
11	330.33	11	674.83	11	1,010.22	11	1,349.49	11	1,694.01	11	2,038.53	11	2,383.05	11	2,727.57	11	3,071.96	11	3,416.28
1/4	337.50	1/4	682.01	1/4	1,017.10	1/4	1,356.67	1/4	1,701.19	1/4	2,045.71	1/4	2,390.23	1/4	2,734.75	1/4	3,079.13	1/4	3,423.45
1/2	344.68	1/2	689.19	1/2	1,023.98	1/2	1,363.85	1/2	1,708.37	1/2	2,052.89	1/2	2,397.41	1/2	2,741.93	1/2	3,086.30	1/2	3,430.63
3/4	351.86	3/4	696.36	3/4	1,030.85	3/4	1,371.03	3/4	1,715.55	3/4	2,060.07	3/4	2,404.59	3/4	2,749.11	3/4	3,093.48	3/4	3,437.80

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 AT 2" DIAMETER OPENING ON "HERMETIC" CLOSED GAUGING 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 318"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	3,444.97	0	3,789.30	0	4,130.96	0	4,455.00	0	4,767.90	0		0		0		0		0	
1/4	3,452.15	1/4	3,796.47	1/4	4,137.91	1/4	4,461.54	1/4	4,775.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,459.32	1/2	3,803.64	1/2	4,144.86	1/2	4,468.07	1/2	4,782.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,466.50	3/4	3,810.82	3/4	4,151.81	3/4	4,474.60	3/4	4,789.25	3/4		3/4		3/4		3/4		3/4	
1	3,473.67	1	3,817.99	1	4,158.76	1	4,481.13	1	4,796.36	1		1		1		1		1	
1/4	3,480.84	1/4	3,825.17	1/4	4,165.67	1/4	4,487.61	1/4	4,803.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,488.02	1/2	3,832.34	1/2	4,172.59	1/2	4,494.09	1/2	4,809.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,495.19	3/4	3,839.51	3/4	4,179.50	3/4	4,500.56	3/4	4,816.64	3/4		3/4		3/4		3/4		3/4	
2	3,502.36	2	3,846.69	2	4,186.42	2	4,507.04	2	4,823.39	2		2		2		2		2	
1/4	3,509.54	1/4	3,853.86	1/4	4,193.29	1/4	4,513.47	1/4	4,829.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,516.71	1/2	3,861.03	1/2	4,200.17	1/2	4,519.90	1/2	4,834.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,523.88	3/4	3,868.21	3/4	4,207.04	3/4	4,526.33	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,531.06	3	3,875.38	3	4,213.92	3	4,532.75	3		3		3		3		3		3	
1/4	3,538.23	1/4	3,882.55	1/4	4,220.74	1/4	4,539.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,545.40	1/2	3,889.73	1/2	4,227.57	1/2	4,545.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,552.58	3/4	3,896.90	3/4	4,234.40	3/4	4,551.94	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,559.75	4	3,904.07	4	4,241.23	4	4,558.34	4		4		4		4		4		4	
1/4	3,566.92	1/4	3,911.25	1/4	4,248.02	1/4	4,564.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,574.10	1/2	3,918.42	1/2	4,254.81	1/2	4,571.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,581.27	3/4	3,925.59	3/4	4,261.60	3/4	4,577.43	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,588.44	5	3,932.77	5	4,268.39	5	4,583.80	5		5		5		5		5		5	
1/4	3,595.62	1/4	3,939.93	1/4	4,275.15	1/4	4,590.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,602.79	1/2	3,947.10	1/2	4,281.92	1/2	4,596.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,609.96	3/4	3,954.27	3/4	4,288.68	3/4	4,602.79	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,617.14	6	3,961.44	6	4,295.44	6	4,609.13	6		6		6		6		6		6	
1/4	3,624.31	1/4	3,968.59	1/4	4,302.16	1/4	4,615.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,631.48	1/2	3,975.73	1/2	4,308.89	1/2	4,621.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,638.66	3/4	3,982.88	3/4	4,315.62	3/4	4,628.02	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,645.83	7	3,990.02	7	4,322.35	7	4,634.31	7		7		7		7		7		7	
1/4	3,653.00	1/4	3,997.14	1/4	4,329.05	1/4	4,640.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,660.18	1/2	4,004.25	1/2	4,335.74	1/2	4,646.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,667.35	3/4	4,011.37	3/4	4,342.44	3/4	4,653.11	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,674.52	8	4,018.48	8	4,349.14	8	4,659.37	8		8		8		8		8		8	
1/4	3,681.70	1/4	4,025.56	1/4	4,355.80	1/4	4,665.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.87	1/2	4,032.65	1/2	4,362.47	1/2	4,671.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.04	3/4	4,039.73	3/4	4,369.13	3/4	4,678.07	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,703.22	9	4,046.81	9	4,375.80	9	4,684.30	9		9		9		9		9		9	
1/4	3,710.39	1/4	4,053.86	1/4	4,382.43	1/4	4,690.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.56	1/2	4,060.91	1/2	4,389.06	1/2	4,697.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,724.74	3/4	4,067.95	3/4	4,395.70	3/4	4,704.30	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,731.91	10	4,075.00	10	4,402.33	10	4,710.97	10		10		10		10		10		10	
1/4	3,739.08	1/4	4,082.01	1/4	4,408.93	1/4	4,718.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.26	1/2	4,089.02	1/2	4,415.54	1/2	4,725.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.43	3/4	4,096.03	3/4	4,422.14	3/4	4,732.32	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,760.60	11	4,103.04	11	4,428.74	11	4,739.44	11		11		11		11		11		11	
1/4	3,767.78	1/4	4,110.02	1/4	4,435.31	1/4	4,746.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,774.95	1/2	4,117.00	1/2	4,441.87	1/2	4,753.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.12	3/4	4,123.98	3/4	4,448.44	3/4	4,760.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/23/2013 CL  
CALCULATED: 09/23/2013 CL  
PRINTED: 09/24/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CTCo 318"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.68	0	358.85	0	703.19	0	1,047.10	0	1,391.42	0	1,735.76	0	2,080.11	0	2,424.46	0	2,768.80	0	3,112.99
1/4	29.06	1/4	366.03	1/4	710.36	1/4	1,054.27	1/4	1,398.59	1/4	1,742.94	1/4	2,087.28	1/4	2,431.63	1/4	2,775.98	1/4	3,120.16
1/2	34.44	1/2	373.20	1/2	717.53	1/2	1,061.44	1/2	1,405.76	1/2	1,750.11	1/2	2,094.46	1/2	2,438.81	1/2	2,783.15	1/2	3,127.33
3/4	39.82	3/4	380.38	3/4	724.71	3/4	1,068.61	3/4	1,412.94	3/4	1,757.28	3/4	2,101.63	3/4	2,445.98	3/4	2,790.33	3/4	3,134.50
1	45.20	1	387.55	1	731.88	1	1,075.78	1	1,420.11	1	1,764.46	1	2,108.81	1	2,453.15	1	2,797.50	1	3,141.67
1/4	51.90	1/4	394.72	1/4	739.06	1/4	1,082.95	1/4	1,427.29	1/4	1,771.63	1/4	2,115.98	1/4	2,460.33	1/4	2,804.67	1/4	3,148.84
1/2	58.61	1/2	401.90	1/2	746.23	1/2	1,090.12	1/2	1,434.46	1/2	1,778.81	1/2	2,123.15	1/2	2,467.50	1/2	2,811.85	1/2	3,156.01
3/4	65.32	3/4	409.07	3/4	753.40	3/4	1,097.29	3/4	1,441.63	3/4	1,785.98	3/4	2,130.33	3/4	2,474.67	3/4	2,819.02	3/4	3,163.18
2	72.03	2	416.24	2	760.58	2	1,104.46	2	1,448.81	2	1,793.15	2	2,137.50	2	2,481.85	2	2,826.20	2	3,170.35
1/4	79.18	1/4	423.42	1/4	767.75	1/4	1,111.63	1/4	1,455.98	1/4	1,800.33	1/4	2,144.68	1/4	2,489.02	1/4	2,833.37	1/4	3,177.52
1/2	86.33	1/2	430.59	1/2	774.92	1/2	1,118.81	1/2	1,463.15	1/2	1,807.50	1/2	2,151.85	1/2	2,496.20	1/2	2,840.54	1/2	3,184.69
3/4	93.48	3/4	437.76	3/4	782.10	3/4	1,125.98	3/4	1,470.33	3/4	1,814.68	3/4	2,159.02	3/4	2,503.37	3/4	2,847.72	3/4	3,191.86
3	100.63	3	444.94	3	789.27	3	1,133.16	3	1,477.50	3	1,821.85	3	2,166.20	3	2,510.54	3	2,854.89	3	3,199.03
1/4	107.80	1/4	452.11	1/4	796.44	1/4	1,140.33	1/4	1,484.68	1/4	1,829.02	1/4	2,173.37	1/4	2,517.72	1/4	2,862.06	1/4	3,206.20
1/2	114.97	1/2	459.29	1/2	803.61	1/2	1,147.50	1/2	1,491.85	1/2	1,836.20	1/2	2,180.54	1/2	2,524.89	1/2	2,869.23	1/2	3,213.37
3/4	122.13	3/4	466.46	3/4	810.77	3/4	1,154.68	3/4	1,499.02	3/4	1,843.37	3/4	2,187.72	3/4	2,532.07	3/4	2,876.39	3/4	3,220.54
4	129.30	4	473.63	4	817.94	4	1,161.85	4	1,506.20	4	1,850.55	4	2,194.89	4	2,539.24	4	2,883.56	4	3,227.71
1/4	136.48	1/4	480.81	1/4	825.10	1/4	1,169.02	1/4	1,513.37	1/4	1,857.72	1/4	2,202.07	1/4	2,546.41	1/4	2,890.73	1/4	3,234.88
1/2	143.65	1/2	487.98	1/2	832.26	1/2	1,176.20	1/2	1,520.55	1/2	1,864.89	1/2	2,209.24	1/2	2,553.59	1/2	2,897.90	1/2	3,242.05
3/4	150.82	3/4	495.15	3/4	839.42	3/4	1,183.37	3/4	1,527.72	3/4	1,872.07	3/4	2,216.41	3/4	2,560.76	3/4	2,905.07	3/4	3,249.22
5	157.99	5	502.33	5	846.58	5	1,190.55	5	1,534.89	5	1,879.24	5	2,223.59	5	2,567.94	5	2,912.24	5	3,256.39
1/4	165.17	1/4	509.50	1/4	853.74	1/4	1,197.72	1/4	1,542.07	1/4	1,886.41	1/4	2,230.76	1/4	2,575.11	1/4	2,919.41	1/4	3,263.56
1/2	172.34	1/2	516.67	1/2	860.91	1/2	1,204.89	1/2	1,549.24	1/2	1,893.59	1/2	2,237.94	1/2	2,582.28	1/2	2,926.58	1/2	3,270.73
3/4	179.51	3/4	523.85	3/4	868.07	3/4	1,212.07	3/4	1,556.42	3/4	1,900.76	3/4	2,245.11	3/4	2,589.46	3/4	2,933.75	3/4	3,277.90
6	186.69	6	531.02	6	875.23	6	1,219.24	6	1,563.59	6	1,907.94	6	2,252.28	6	2,596.63	6	2,940.92	6	3,285.07
1/4	193.86	1/4	538.19	1/4	882.39	1/4	1,226.42	1/4	1,570.76	1/4	1,915.11	1/4	2,259.46	1/4	2,603.80	1/4	2,948.09	1/4	3,292.24
1/2	201.04	1/2	545.37	1/2	889.55	1/2	1,233.59	1/2	1,577.94	1/2	1,922.28	1/2	2,266.63	1/2	2,610.98	1/2	2,955.26	1/2	3,299.41
3/4	208.21	3/4	552.54	3/4	896.71	3/4	1,240.76	3/4	1,585.11	3/4	1,929.46	3/4	2,273.81	3/4	2,618.15	3/4	2,962.43	3/4	3,306.58
7	215.38	7	559.72	7	903.87	7	1,247.94	7	1,592.28	7	1,936.63	7	2,280.98	7	2,625.33	7	2,969.60	7	3,313.75
1/4	222.56	1/4	566.89	1/4	911.03	1/4	1,255.11	1/4	1,599.46	1/4	1,943.81	1/4	2,288.15	1/4	2,632.50	1/4	2,976.77	1/4	3,320.92
1/2	229.73	1/2	574.06	1/2	918.19	1/2	1,262.29	1/2	1,606.63	1/2	1,950.98	1/2	2,295.33	1/2	2,639.67	1/2	2,983.94	1/2	3,328.09
3/4	236.90	3/4	581.24	3/4	925.35	3/4	1,269.46	3/4	1,613.81	3/4	1,958.15	3/4	2,302.50	3/4	2,646.85	3/4	2,991.11	3/4	3,335.26
8	244.08	8	588.41	8	932.51	8	1,276.63	8	1,620.98	8	1,965.33	8	2,309.67	8	2,654.02	8	2,998.28	8	3,342.43
1/4	251.25	1/4	595.58	1/4	939.67	1/4	1,283.81	1/4	1,628.15	1/4	1,972.50	1/4	2,316.85	1/4	2,661.20	1/4	3,005.45	1/4	3,349.60
1/2	258.42	1/2	602.76	1/2	946.84	1/2	1,290.98	1/2	1,635.33	1/2	1,979.68	1/2	2,324.02	1/2	2,668.37	1/2	3,012.62	1/2	3,356.77
3/4	265.60	3/4	609.93	3/4	954.00	3/4	1,298.16	3/4	1,642.50	3/4	1,986.85	3/4	2,331.20	3/4	2,675.54	3/4	3,019.79	3/4	3,363.94
9	272.77	9	617.10	9	961.16	9	1,305.33	9	1,649.68	9	1,994.02	9	2,338.37	9	2,682.72	9	3,026.96	9	3,371.11
1/4	279.95	1/4	624.28	1/4	968.32	1/4	1,312.50	1/4	1,656.85	1/4	2,001.20	1/4	2,345.54	1/4	2,689.89	1/4	3,034.13	1/4	3,378.28
1/2	287.12	1/2	631.45	1/2	975.48	1/2	1,319.68	1/2	1,664.02	1/2	2,008.37	1/2	2,352.72	1/2	2,697.07	1/2	3,041.30	1/2	3,385.45
3/4	294.29	3/4	638.63	3/4	982.64	3/4	1,326.85	3/4	1,671.20	3/4	2,015.55	3/4	2,359.89	3/4	2,704.24	3/4	3,048.47	3/4	3,392.62
10	301.47	10	645.80	10	989.80	10	1,334.02	10	1,678.37	10	2,022.72	10	2,367.07	10	2,711.41	10	3,055.64	10	3,399.79
1/4	308.64	1/4	652.97	1/4	996.96	1/4	1,341.20	1/4	1,685.55	1/4	2,029.89	1/4	2,374.24	1/4	2,718.59	1/4	3,062.81	1/4	3,406.96
1/2	315.81	1/2	660.15	1/2	1,004.12	1/2	1,348.37	1/2	1,692.72	1/2	2,037.07	1/2	2,381.41	1/2	2,725.76	1/2	3,069.97	1/2	3,414.13
3/4	322.99	3/4	667.32	3/4	1,011.28	3/4	1,355.55	3/4	1,699.89	3/4	2,044.24	3/4	2,388.59	3/4	2,732.93	3/4	3,077.14	3/4	3,421.30
11	330.16	11	674.49	11	1,018.44	11	1,362.72	11	1,707.07	11	2,051.41	11	2,395.76	11	2,740.11	11	3,084.31	11	3,428.46
1/4	337.33	1/4	681.67	1/4	1,025.61	1/4	1,369.89	1/4	1,714.24	1/4	2,058.59	1/4	2,402.94	1/4	2,747.28	1/4	3,091.48	1/4	3,435.63
1/2	344.51	1/2	688.84	1/2	1,032.77	1/2	1,377.07	1/2	1,721.42	1/2	2,065.76	1/2	2,410.11	1/2	2,754.46	1/2	3,098.65	1/2	3,442.80
3/4	351.68	3/4	696.01	3/4	1,039.94	3/4	1,384.24	3/4	1,728.59	3/4	2,072.94	3/4	2,417.28	3/4	2,761.63	3/4	3,105.82	3/4	3,449.97

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 AT 2" DIAMETER OPENING ON "HERMETIC" CLOSED GAUGING 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 318"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,457.14	0	3,801.29	0	4,142.78	0	4,466.66	0	4,779.40	0		0		0		0		0	
1/4	3,464.31	1/4	3,808.46	1/4	4,149.73	1/4	4,473.19	1/4	4,786.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,471.48	1/2	3,815.63	1/2	4,156.67	1/2	4,479.72	1/2	4,793.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,478.65	3/4	3,822.80	3/4	4,163.62	3/4	4,486.24	3/4	4,800.74	3/4		3/4		3/4		3/4		3/4	
1	3,485.82	1	3,829.97	1	4,170.56	1	4,492.77	1	4,807.85	1		1		1		1		1	
1/4	3,492.99	1/4	3,837.14	1/4	4,177.47	1/4	4,499.25	1/4	4,814.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,500.16	1/2	3,844.31	1/2	4,184.39	1/2	4,505.72	1/2	4,821.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,507.33	3/4	3,851.48	3/4	4,191.30	3/4	4,512.20	3/4	4,828.11	3/4		3/4		3/4		3/4		3/4	
2	3,514.50	2	3,858.65	2	4,198.21	2	4,518.67	2	4,834.87	2		2		2		2		2	
1/4	3,521.67	1/4	3,865.82	1/4	4,205.08	1/4	4,525.10	1/4	4,840.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,528.84	1/2	3,872.99	1/2	4,211.95	1/2	4,531.52	1/2	4,846.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,536.01	3/4	3,880.16	3/4	4,218.82	3/4	4,537.95	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,543.18	3	3,887.33	3	4,225.70	3	4,544.37	3		3		3		3		3		3	
1/4	3,550.35	1/4	3,894.50	1/4	4,232.52	1/4	4,550.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.52	1/2	3,901.67	1/2	4,239.34	1/2	4,557.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,564.69	3/4	3,908.84	3/4	4,246.17	3/4	4,563.55	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,571.86	4	3,916.01	4	4,252.99	4	4,569.94	4		4		4		4		4		4	
1/4	3,579.03	1/4	3,923.18	1/4	4,259.78	1/4	4,576.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,586.20	1/2	3,930.35	1/2	4,266.57	1/2	4,582.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,593.37	3/4	3,937.52	3/4	4,273.36	3/4	4,589.03	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,600.54	5	3,944.69	5	4,280.15	5	4,595.39	5		5		5		5		5		5	
1/4	3,607.71	1/4	3,951.85	1/4	4,286.90	1/4	4,601.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,614.88	1/2	3,959.02	1/2	4,293.66	1/2	4,608.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,622.05	3/4	3,966.18	3/4	4,300.42	3/4	4,614.38	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,629.22	6	3,973.35	6	4,307.17	6	4,620.71	6		6		6		6		6		6	
1/4	3,636.39	1/4	3,980.49	1/4	4,313.90	1/4	4,627.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,643.56	1/2	3,987.63	1/2	4,320.62	1/2	4,633.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,650.73	3/4	3,994.77	3/4	4,327.35	3/4	4,639.59	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,657.90	7	4,001.92	7	4,334.07	7	4,645.88	7		7		7		7		7		7	
1/4	3,665.07	1/4	4,009.03	1/4	4,340.77	1/4	4,652.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,672.24	1/2	4,016.14	1/2	4,347.46	1/2	4,658.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,679.41	3/4	4,023.25	3/4	4,354.15	3/4	4,664.66	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,686.58	8	4,030.36	8	4,360.85	8	4,670.92	8		8		8		8		8		8	
1/4	3,693.75	1/4	4,037.44	1/4	4,367.51	1/4	4,677.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.92	1/2	4,044.52	1/2	4,374.17	1/2	4,683.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.09	3/4	4,051.60	3/4	4,380.83	3/4	4,689.61	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,715.26	9	4,058.67	9	4,387.49	9	4,695.84	9		9		9		9		9		9	
1/4	3,722.43	1/4	4,065.72	1/4	4,394.12	1/4	4,702.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.60	1/2	4,072.76	1/2	4,400.75	1/2	4,709.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.77	3/4	4,079.81	3/4	4,407.38	3/4	4,715.84	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,743.94	10	4,086.85	10	4,414.02	10	4,722.50	10		10		10		10		10		10	
1/4	3,751.11	1/4	4,093.86	1/4	4,420.61	1/4	4,729.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.28	1/2	4,100.86	1/2	4,427.21	1/2	4,736.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.45	3/4	4,107.87	3/4	4,433.81	3/4	4,743.84	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,772.62	11	4,114.88	11	4,440.41	11	4,750.95	11		11		11		11		11		11	
1/4	3,779.79	1/4	4,121.86	1/4	4,446.97	1/4	4,758.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.95	1/2	4,128.83	1/2	4,453.54	1/2	4,765.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,794.12	3/4	4,135.81	3/4	4,460.10	3/4	4,772.29	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/23/2013 CL  
CALCULATED: 09/23/2013 CL  
PRINTED: 09/24/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2013

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



# BARGE "CTCo 318"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	25.07	0	379.81	0	744.10	0	1,100.47	0	1,461.56	0	1,825.67	0	2,187.64	0	2,549.64	0	2,913.50	0	3,277.16
1/4	30.77	1/4	387.40	1/4	751.69	1/4	1,107.83	1/4	1,469.15	1/4	1,833.26	1/4	2,195.16	1/4	2,557.22	1/4	2,921.07	1/4	3,284.74
1/2	36.47	1/2	394.98	1/2	759.28	1/2	1,115.19	1/2	1,476.73	1/2	1,840.84	1/2	2,202.69	1/2	2,564.81	1/2	2,928.65	1/2	3,292.31
3/4	42.17	3/4	402.57	3/4	766.87	3/4	1,122.56	3/4	1,484.32	3/4	1,848.43	3/4	2,210.21	3/4	2,572.39	3/4	2,936.23	3/4	3,299.89
1	47.87	1	410.16	1	774.46	1	1,129.92	1	1,491.90	1	1,856.01	1	2,217.73	1	2,579.98	1	2,943.81	1	3,307.46
1/4	54.98	1/4	417.75	1/4	782.05	1/4	1,137.29	1/4	1,499.49	1/4	1,863.60	1/4	2,225.25	1/4	2,587.56	1/4	2,951.39	1/4	3,315.03
1/2	62.09	1/2	425.34	1/2	789.64	1/2	1,144.66	1/2	1,507.07	1/2	1,871.18	1/2	2,232.78	1/2	2,595.15	1/2	2,958.97	1/2	3,322.59
3/4	69.19	3/4	432.93	3/4	797.23	3/4	1,152.03	3/4	1,514.66	3/4	1,878.77	3/4	2,240.30	3/4	2,602.74	3/4	2,966.54	3/4	3,330.16
2	76.30	2	440.52	2	804.82	2	1,159.40	2	1,522.25	2	1,886.35	2	2,247.82	2	2,610.32	2	2,974.12	2	3,337.72
1/4	83.88	1/4	448.10	1/4	812.41	1/4	1,166.77	1/4	1,529.83	1/4	1,893.94	1/4	2,255.34	1/4	2,617.91	1/4	2,981.70	1/4	3,345.28
1/2	91.45	1/2	455.69	1/2	820.00	1/2	1,174.15	1/2	1,537.42	1/2	1,901.53	1/2	2,262.87	1/2	2,625.49	1/2	2,989.28	1/2	3,352.83
3/4	99.03	3/4	463.28	3/4	827.59	3/4	1,181.52	3/4	1,545.00	3/4	1,909.11	3/4	2,270.39	3/4	2,633.08	3/4	2,996.86	3/4	3,360.39
3	106.60	3	470.87	3	835.18	3	1,188.90	3	1,552.59	3	1,916.70	3	2,277.91	3	2,640.66	3	3,004.44	3	3,367.94
1/4	114.19	1/4	478.46	1/4	842.65	1/4	1,196.38	1/4	1,560.17	1/4	1,924.25	1/4	2,285.45	1/4	2,648.24	1/4	3,012.01	1/4	3,375.50
1/2	121.78	1/2	486.05	1/2	850.12	1/2	1,203.86	1/2	1,567.76	1/2	1,931.81	1/2	2,292.98	1/2	2,655.83	1/2	3,019.59	1/2	3,383.05
3/4	129.37	3/4	493.64	3/4	857.59	3/4	1,211.34	3/4	1,575.34	3/4	1,939.36	3/4	2,300.52	3/4	2,663.41	3/4	3,027.16	3/4	3,390.61
4	136.95	4	501.23	4	865.07	4	1,218.82	4	1,582.93	4	1,946.91	4	2,308.05	4	2,670.99	4	3,034.74	4	3,398.16
1/4	144.54	1/4	508.81	1/4	872.42	1/4	1,226.41	1/4	1,590.52	1/4	1,954.44	1/4	2,315.60	1/4	2,678.57	1/4	3,042.32	1/4	3,405.72
1/2	152.13	1/2	516.40	1/2	879.78	1/2	1,233.99	1/2	1,598.10	1/2	1,961.96	1/2	2,323.15	1/2	2,686.15	1/2	3,049.89	1/2	3,413.27
3/4	159.73	3/4	523.99	3/4	887.13	3/4	1,241.58	3/4	1,605.69	3/4	1,969.48	3/4	2,330.69	3/4	2,693.73	3/4	3,057.47	3/4	3,420.83
5	167.32	5	531.58	5	894.49	5	1,249.16	5	1,613.27	5	1,977.00	5	2,338.24	5	2,701.30	5	3,065.04	5	3,428.38
1/4	174.91	1/4	539.17	1/4	901.85	1/4	1,256.75	1/4	1,620.86	1/4	1,984.53	1/4	2,345.79	1/4	2,708.88	1/4	3,072.62	1/4	3,435.94
1/2	182.50	1/2	546.76	1/2	909.20	1/2	1,264.34	1/2	1,628.44	1/2	1,992.05	1/2	2,353.34	1/2	2,716.46	1/2	3,080.19	1/2	3,443.49
3/4	190.09	3/4	554.35	3/4	916.56	3/4	1,271.92	3/4	1,636.03	3/4	1,999.57	3/4	2,360.88	3/4	2,724.04	3/4	3,087.77	3/4	3,451.05
6	197.68	6	561.94	6	923.91	6	1,279.51	6	1,643.62	6	2,007.10	6	2,368.43	6	2,731.62	6	3,095.35	6	3,458.60
1/4	205.27	1/4	569.53	1/4	931.27	1/4	1,287.09	1/4	1,651.20	1/4	2,014.62	1/4	2,375.98	1/4	2,739.20	1/4	3,102.92	1/4	3,466.16
1/2	212.86	1/2	577.12	1/2	938.62	1/2	1,294.68	1/2	1,658.79	1/2	2,022.14	1/2	2,383.52	1/2	2,746.77	1/2	3,110.50	1/2	3,473.71
3/4	220.45	3/4	584.71	3/4	945.98	3/4	1,302.26	3/4	1,666.37	3/4	2,029.66	3/4	2,391.07	3/4	2,754.35	3/4	3,118.07	3/4	3,481.27
7	228.04	7	592.30	7	953.34	7	1,309.85	7	1,673.96	7	2,037.19	7	2,398.62	7	2,761.93	7	3,125.65	7	3,488.82
1/4	235.62	1/4	599.89	1/4	960.69	1/4	1,317.43	1/4	1,681.54	1/4	2,044.71	1/4	2,406.17	1/4	2,769.51	1/4	3,133.22	1/4	3,496.38
1/2	243.21	1/2	607.48	1/2	968.05	1/2	1,325.02	1/2	1,689.13	1/2	2,052.23	1/2	2,413.71	1/2	2,777.09	1/2	3,140.80	1/2	3,503.93
3/4	250.80	3/4	615.07	3/4	975.40	3/4	1,332.61	3/4	1,696.71	3/4	2,059.75	3/4	2,421.26	3/4	2,784.66	3/4	3,148.38	3/4	3,511.49
8	258.39	8	622.66	8	982.76	8	1,340.19	8	1,704.30	8	2,067.28	8	2,428.81	8	2,792.24	8	3,155.95	8	3,519.04
1/4	265.98	1/4	630.25	1/4	990.12	1/4	1,347.78	1/4	1,711.89	1/4	2,074.80	1/4	2,436.35	1/4	2,799.82	1/4	3,163.53	1/4	3,526.60
1/2	273.57	1/2	637.84	1/2	997.47	1/2	1,355.36	1/2	1,719.47	1/2	2,082.32	1/2	2,443.90	1/2	2,807.40	1/2	3,171.10	1/2	3,534.15
3/4	281.16	3/4	645.43	3/4	1,004.83	3/4	1,362.95	3/4	1,727.06	3/4	2,089.85	3/4	2,451.45	3/4	2,814.98	3/4	3,178.68	3/4	3,541.71
9	288.75	9	653.02	9	1,012.18	9	1,370.53	9	1,734.64	9	2,097.37	9	2,458.99	9	2,822.56	9	3,186.25	9	3,549.26
1/4	296.33	1/4	660.61	1/4	1,019.54	1/4	1,378.12	1/4	1,742.23	1/4	2,104.89	1/4	2,466.54	1/4	2,830.13	1/4	3,193.83	1/4	3,556.82
1/2	303.92	1/2	668.20	1/2	1,026.89	1/2	1,385.70	1/2	1,749.81	1/2	2,112.41	1/2	2,474.09	1/2	2,837.71	1/2	3,201.40	1/2	3,564.38
3/4	311.51	3/4	675.79	3/4	1,034.25	3/4	1,393.29	3/4	1,757.40	3/4	2,119.94	3/4	2,481.64	3/4	2,845.29	3/4	3,208.98	3/4	3,571.94
10	319.10	10	683.38	10	1,041.61	10	1,400.88	10	1,764.98	10	2,127.46	10	2,489.18	10	2,852.87	10	3,216.56	10	3,579.50
1/4	326.69	1/4	690.97	1/4	1,048.96	1/4	1,408.46	1/4	1,772.57	1/4	2,134.98	1/4	2,496.73	1/4	2,860.45	1/4	3,224.13	1/4	3,587.07
1/2	334.28	1/2	698.56	1/2	1,056.32	1/2	1,416.05	1/2	1,780.16	1/2	2,142.50	1/2	2,504.28	1/2	2,868.03	1/2	3,231.71	1/2	3,594.63
3/4	341.87	3/4	706.15	3/4	1,063.67	3/4	1,423.63	3/4	1,787.74	3/4	2,150.03	3/4	2,511.82	3/4	2,875.60	3/4	3,239.28	3/4	3,602.20
11	349.45	11	713.74	11	1,071.03	11	1,431.22	11	1,795.33	11	2,157.55	11	2,519.37	11	2,883.18	11	3,246.86	11	3,609.77
1/4	357.04	1/4	721.33	1/4	1,078.39	1/4	1,438.80	1/4	1,802.91	1/4	2,165.07	1/4	2,526.94	1/4	2,890.76	1/4	3,254.43	1/4	3,616.76
1/2	364.63	1/2	728.92	1/2	1,085.75	1/2	1,446.39	1/2	1,810.50	1/2	2,172.59	1/2	2,534.50	1/2	2,898.34	1/2	3,262.01	1/2	3,623.76
3/4	372.22	3/4	736.51	3/4	1,093.11	3/4	1,453.98	3/4	1,818.08	3/4	2,180.12	3/4	2,542.07	3/4	2,905.92	3/4	3,269.58	3/4	3,630.75

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER OPENING ON "HERMETIC" CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" 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 318"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,637.74	0	3,892.02	0	4,141.99	0	4,379.13	0	4,608.20	0		0		0		0		0	
1/4	3,643.58	1/4	3,897.27	1/4	4,147.08	1/4	4,383.91	1/4	4,613.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,649.41	1/2	3,902.52	1/2	4,152.16	1/2	4,388.69	1/2	4,618.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,655.25	3/4	3,907.77	3/4	4,157.24	3/4	4,393.47	3/4	4,623.82	3/4		3/4		3/4		3/4		3/4	
1	3,661.09	1	3,913.01	1	4,162.33	1	4,398.25	1	4,629.03	1		1		1		1		1	
1/4	3,666.33	1/4	3,918.26	1/4	4,167.39	1/4	4,402.99	1/4	4,633.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,671.58	1/2	3,923.51	1/2	4,172.45	1/2	4,407.73	1/2	4,638.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.83	3/4	3,928.76	3/4	4,177.51	3/4	4,412.48	3/4	4,643.52	3/4		3/4		3/4		3/4		3/4	
2	3,682.08	2	3,934.01	2	4,182.57	2	4,417.22	2	4,648.35	2		2		2		2		2	
1/4	3,687.33	1/4	3,939.26	1/4	4,187.60	1/4	4,421.93	1/4	4,652.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,692.58	1/2	3,944.50	1/2	4,192.63	1/2	4,426.63	1/2	4,655.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,697.83	3/4	3,949.75	3/4	4,197.66	3/4	4,431.34	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,703.07	3	3,955.00	3	4,202.69	3	4,436.04	3		3		3		3		3		3	
1/4	3,708.32	1/4	3,960.25	1/4	4,207.68	1/4	4,440.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,713.57	1/2	3,965.50	1/2	4,212.68	1/2	4,445.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,718.82	3/4	3,970.75	3/4	4,217.68	3/4	4,450.09	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,724.07	4	3,976.00	4	4,222.67	4	4,454.77	4		4		4		4		4		4	
1/4	3,729.32	1/4	3,981.24	1/4	4,227.65	1/4	4,459.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.56	1/2	3,986.49	1/2	4,232.62	1/2	4,464.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,739.81	3/4	3,991.74	3/4	4,237.59	3/4	4,468.75	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,745.06	5	3,996.99	5	4,242.56	5	4,473.41	5		5		5		5		5		5	
1/4	3,750.31	1/4	4,002.23	1/4	4,247.50	1/4	4,478.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,755.56	1/2	4,007.48	1/2	4,252.45	1/2	4,482.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.81	3/4	4,012.72	3/4	4,257.40	3/4	4,487.32	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,766.06	6	4,017.96	6	4,262.35	6	4,491.96	6		6		6		6		6		6	
1/4	3,771.30	1/4	4,023.19	1/4	4,267.27	1/4	4,496.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.55	1/2	4,028.42	1/2	4,272.20	1/2	4,501.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.80	3/4	4,033.65	3/4	4,277.12	3/4	4,505.79	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,787.05	7	4,038.87	7	4,282.04	7	4,510.40	7		7		7		7		7		7	
1/4	3,792.30	1/4	4,044.08	1/4	4,286.95	1/4	4,514.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,797.55	1/2	4,049.28	1/2	4,291.85	1/2	4,519.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,802.80	3/4	4,054.49	3/4	4,296.75	3/4	4,524.16	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,808.04	8	4,059.69	8	4,301.65	8	4,528.74	8		8		8		8		8		8	
1/4	3,813.29	1/4	4,064.88	1/4	4,306.53	1/4	4,533.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,818.54	1/2	4,070.06	1/2	4,311.41	1/2	4,537.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,823.79	3/4	4,075.24	3/4	4,316.28	3/4	4,542.43	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,829.04	9	4,080.42	9	4,321.16	9	4,547.00	9		9		9		9		9		9	
1/4	3,834.29	1/4	4,085.58	1/4	4,326.02	1/4	4,551.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,839.53	1/2	4,090.73	1/2	4,330.87	1/2	4,556.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.78	3/4	4,095.89	3/4	4,335.73	3/4	4,561.64	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,850.03	10	4,101.05	10	4,340.58	10	4,566.52	10		10		10		10		10		10	
1/4	3,855.28	1/4	4,106.18	1/4	4,345.41	1/4	4,571.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,860.53	1/2	4,111.31	1/2	4,350.24	1/2	4,576.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.78	3/4	4,116.44	3/4	4,355.08	3/4	4,582.15	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,871.03	11	4,121.56	11	4,359.91	11	4,587.36	11		11		11		11		11		11	
1/4	3,876.27	1/4	4,126.67	1/4	4,364.71	1/4	4,592.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,881.52	1/2	4,131.78	1/2	4,369.52	1/2	4,597.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.77	3/4	4,136.88	3/4	4,374.32	3/4	4,602.99	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/23/2013 CL  
CALCULATED: 09/23/2013 CL  
PRINTED: 09/24/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2013

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



# BARGE "CTCo 318"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	25.07	0	380.24	0	745.11	0	1,109.49	0	1,474.33	0	1,839.22	0	2,204.10	0	2,568.99	0	2,933.62	0	3,298.07
1/4	30.77	1/4	387.84	1/4	752.71	1/4	1,117.09	1/4	1,481.93	1/4	1,846.82	1/4	2,211.71	1/4	2,576.59	1/4	2,941.22	1/4	3,305.66
1/2	36.47	1/2	395.44	1/2	760.31	1/2	1,124.68	1/2	1,489.54	1/2	1,854.42	1/2	2,219.31	1/2	2,584.19	1/2	2,948.81	1/2	3,313.25
3/4	42.17	3/4	403.04	3/4	767.92	3/4	1,132.27	3/4	1,497.14	3/4	1,862.02	3/4	2,226.91	3/4	2,591.80	3/4	2,956.41	3/4	3,320.84
1	47.87	1	410.65	1	775.52	1	1,139.87	1	1,504.74	1	1,869.63	1	2,234.51	1	2,599.40	1	2,964.00	1	3,328.44
1/4	54.98	1/4	418.25	1/4	783.12	1/4	1,147.47	1/4	1,512.34	1/4	1,877.23	1/4	2,242.11	1/4	2,607.00	1/4	2,971.60	1/4	3,336.02
1/2	62.09	1/2	425.85	1/2	790.72	1/2	1,155.06	1/2	1,519.94	1/2	1,884.83	1/2	2,249.72	1/2	2,614.60	1/2	2,979.19	1/2	3,343.60
3/4	69.19	3/4	433.45	3/4	798.32	3/4	1,162.66	3/4	1,527.54	3/4	1,892.43	3/4	2,257.32	3/4	2,622.20	3/4	2,986.79	3/4	3,351.18
2	76.30	2	441.05	2	805.92	2	1,170.26	2	1,535.15	2	1,900.03	2	2,264.92	2	2,629.81	2	2,994.38	2	3,358.76
1/4	83.88	1/4	448.65	1/4	813.53	1/4	1,177.86	1/4	1,542.75	1/4	1,907.63	1/4	2,272.52	1/4	2,637.41	1/4	3,001.97	1/4	3,366.34
1/2	91.46	1/2	456.25	1/2	821.13	1/2	1,185.46	1/2	1,550.35	1/2	1,915.24	1/2	2,280.12	1/2	2,645.01	1/2	3,009.57	1/2	3,373.91
3/4	99.03	3/4	463.86	3/4	828.73	3/4	1,193.07	3/4	1,557.95	3/4	1,922.84	3/4	2,287.72	3/4	2,652.61	3/4	3,017.16	3/4	3,381.48
3	106.61	3	471.46	3	836.33	3	1,200.67	3	1,565.55	3	1,930.44	3	2,295.33	3	2,660.21	3	3,024.76	3	3,389.05
1/4	114.21	1/4	479.06	1/4	843.93	1/4	1,208.27	1/4	1,573.15	1/4	1,938.04	1/4	2,302.93	1/4	2,667.81	1/4	3,032.35	1/4	3,396.62
1/2	121.80	1/2	486.66	1/2	851.52	1/2	1,215.87	1/2	1,580.76	1/2	1,945.64	1/2	2,310.53	1/2	2,675.41	1/2	3,039.94	1/2	3,404.19
3/4	129.40	3/4	494.26	3/4	859.12	3/4	1,223.47	3/4	1,588.36	3/4	1,953.24	3/4	2,318.13	3/4	2,683.00	3/4	3,047.54	3/4	3,411.76
4	136.99	4	501.86	4	866.71	4	1,231.07	4	1,595.96	4	1,960.85	4	2,325.73	4	2,690.60	4	3,055.13	4	3,419.33
1/4	144.60	1/4	509.47	1/4	874.30	1/4	1,238.68	1/4	1,603.56	1/4	1,968.45	1/4	2,333.33	1/4	2,698.19	1/4	3,062.72	1/4	3,426.90
1/2	152.20	1/2	517.07	1/2	881.88	1/2	1,246.28	1/2	1,611.16	1/2	1,976.05	1/2	2,340.94	1/2	2,705.79	1/2	3,070.32	1/2	3,434.48
3/4	159.80	3/4	524.67	3/4	889.47	3/4	1,253.88	3/4	1,618.77	3/4	1,983.65	3/4	2,348.54	3/4	2,713.38	3/4	3,077.91	3/4	3,442.05
5	167.40	5	532.27	5	897.06	5	1,261.48	5	1,626.37	5	1,991.25	5	2,356.14	5	2,720.98	5	3,085.50	5	3,449.62
1/4	175.00	1/4	539.87	1/4	904.64	1/4	1,269.08	1/4	1,633.97	1/4	1,998.86	1/4	2,363.74	1/4	2,728.57	1/4	3,093.09	1/4	3,457.19
1/2	182.60	1/2	547.47	1/2	912.23	1/2	1,276.68	1/2	1,641.57	1/2	2,006.46	1/2	2,371.34	1/2	2,736.17	1/2	3,100.68	1/2	3,464.76
3/4	190.20	3/4	555.07	3/4	919.82	3/4	1,284.29	3/4	1,649.17	3/4	2,014.06	3/4	2,378.95	3/4	2,743.76	3/4	3,108.27	3/4	3,472.33
6	197.80	6	562.68	6	927.40	6	1,291.89	6	1,656.77	6	2,021.66	6	2,386.55	6	2,751.36	6	3,115.87	6	3,479.90
1/4	205.41	1/4	570.28	1/4	934.99	1/4	1,299.49	1/4	1,664.38	1/4	2,029.26	1/4	2,394.15	1/4	2,758.95	1/4	3,123.46	1/4	3,487.47
1/2	213.01	1/2	577.88	1/2	942.58	1/2	1,307.09	1/2	1,671.98	1/2	2,036.86	1/2	2,401.75	1/2	2,766.54	1/2	3,131.05	1/2	3,495.04
3/4	220.61	3/4	585.48	3/4	950.16	3/4	1,314.69	3/4	1,679.58	3/4	2,044.47	3/4	2,409.35	3/4	2,774.14	3/4	3,138.64	3/4	3,502.62
7	228.21	7	593.08	7	957.75	7	1,322.30	7	1,687.18	7	2,052.07	7	2,416.95	7	2,781.73	7	3,146.23	7	3,510.19
1/4	235.81	1/4	600.68	1/4	965.33	1/4	1,329.90	1/4	1,694.78	1/4	2,059.67	1/4	2,424.56	1/4	2,789.33	1/4	3,153.83	1/4	3,517.76
1/2	243.41	1/2	608.28	1/2	972.92	1/2	1,337.50	1/2	1,702.39	1/2	2,067.27	1/2	2,432.16	1/2	2,796.92	1/2	3,161.42	1/2	3,525.33
3/4	251.01	3/4	615.89	3/4	980.51	3/4	1,345.10	3/4	1,709.99	3/4	2,074.87	3/4	2,439.76	3/4	2,804.52	3/4	3,169.01	3/4	3,532.90
8	258.62	8	623.49	8	988.09	8	1,352.70	8	1,717.59	8	2,082.48	8	2,447.36	8	2,812.11	8	3,176.60	8	3,540.47
1/4	266.22	1/4	631.09	1/4	995.68	1/4	1,360.30	1/4	1,725.19	1/4	2,090.08	1/4	2,454.96	1/4	2,819.71	1/4	3,184.19	1/4	3,548.04
1/2	273.82	1/2	638.69	1/2	1,003.27	1/2	1,367.91	1/2	1,732.79	1/2	2,097.68	1/2	2,462.57	1/2	2,827.30	1/2	3,191.78	1/2	3,555.61
3/4	281.42	3/4	646.29	3/4	1,010.85	3/4	1,375.51	3/4	1,740.39	3/4	2,105.28	3/4	2,470.17	3/4	2,834.90	3/4	3,199.38	3/4	3,563.18
9	289.02	9	653.89	9	1,018.44	9	1,383.11	9	1,748.00	9	2,112.88	9	2,477.77	9	2,842.49	9	3,206.97	9	3,570.76
1/4	296.62	1/4	661.50	1/4	1,026.03	1/4	1,390.71	1/4	1,755.60	1/4	2,120.48	1/4	2,485.37	1/4	2,850.08	1/4	3,214.56	1/4	3,578.33
1/2	304.23	1/2	669.10	1/2	1,033.61	1/2	1,398.31	1/2	1,763.20	1/2	2,128.09	1/2	2,492.97	1/2	2,857.68	1/2	3,222.15	1/2	3,585.90
3/4	311.83	3/4	676.70	3/4	1,041.20	3/4	1,405.92	3/4	1,770.80	3/4	2,135.69	3/4	2,500.57	3/4	2,865.27	3/4	3,229.74	3/4	3,593.47
10	319.43	10	684.30	10	1,048.79	10	1,413.52	10	1,778.40	10	2,143.29	10	2,508.18	10	2,872.87	10	3,237.34	10	3,601.04
1/4	327.03	1/4	691.90	1/4	1,056.37	1/4	1,421.12	1/4	1,786.01	1/4	2,150.89	1/4	2,515.78	1/4	2,880.46	1/4	3,244.93	1/4	3,608.61
1/2	334.63	1/2	699.50	1/2	1,063.96	1/2	1,428.72	1/2	1,793.61	1/2	2,158.49	1/2	2,523.38	1/2	2,888.06	1/2	3,252.52	1/2	3,616.18
3/4	342.23	3/4	707.10	3/4	1,071.55	3/4	1,436.32	3/4	1,801.21	3/4	2,166.10	3/4	2,530.98	3/4	2,895.65	3/4	3,260.11	3/4	3,623.75
11	349.83	11	714.71	11	1,079.13	11	1,443.92	11	1,808.81	11	2,173.70	11	2,538.58	11	2,903.25	11	3,267.70	11	3,631.32
1/4	357.44	1/4	722.31	1/4	1,086.72	1/4	1,451.53	1/4	1,816.41	1/4	2,181.30	1/4	2,546.19	1/4	2,910.84	1/4	3,275.29	1/4	3,638.89
1/2	365.04	1/2	729.91	1/2	1,094.31	1/2	1,459.13	1/2	1,824.01	1/2	2,188.90	1/2	2,553.79	1/2	2,918.43	1/2	3,282.89	1/2	3,646.46
3/4	372.64	3/4	737.51	3/4	1,101.90	3/4	1,466.73	3/4	1,831.62	3/4	2,196.50	3/4	2,561.39	3/4	2,926.03	3/4	3,290.48	3/4	3,654.03

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 AT 2" DIAMETER OPENING ON "HERMETIC" CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" 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 318"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	3,659.31	0	3,913.57	0	4,163.53	0	4,400.65	0	4,629.70	0		0		0		0		0	
1/4	3,665.15	1/4	3,918.82	1/4	4,168.61	1/4	4,405.43	1/4	4,634.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.98	1/2	3,924.06	1/2	4,173.70	1/2	4,410.21	1/2	4,640.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.82	3/4	3,929.31	3/4	4,178.78	3/4	4,414.99	3/4	4,645.33	3/4		3/4		3/4		3/4		3/4	
1	3,682.65	1	3,934.56	1	4,183.86	1	4,419.77	1	4,650.54	1		1		1		1		1	
1/4	3,687.90	1/4	3,939.81	1/4	4,188.92	1/4	4,424.51	1/4	4,655.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.15	1/2	3,945.06	1/2	4,193.98	1/2	4,429.26	1/2	4,660.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.40	3/4	3,950.30	3/4	4,199.04	3/4	4,434.00	3/4	4,665.03	3/4		3/4		3/4		3/4		3/4	
2	3,703.64	2	3,955.55	2	4,204.10	2	4,438.74	2	4,669.86	2		2		2		2		2	
1/4	3,708.89	1/4	3,960.80	1/4	4,209.13	1/4	4,443.45	1/4	4,673.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,714.14	1/2	3,966.05	1/2	4,214.16	1/2	4,448.15	1/2	4,677.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,719.39	3/4	3,971.30	3/4	4,219.19	3/4	4,452.86	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,724.64	3	3,976.55	3	4,224.22	3	4,457.56	3		3		3		3		3		3	
1/4	3,729.88	1/4	3,981.79	1/4	4,229.22	1/4	4,462.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,735.13	1/2	3,987.04	1/2	4,234.22	1/2	4,466.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,740.38	3/4	3,992.29	3/4	4,239.21	3/4	4,471.61	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,745.63	4	3,997.54	4	4,244.21	4	4,476.29	4		4		4		4		4		4	
1/4	3,750.88	1/4	4,002.79	1/4	4,249.18	1/4	4,480.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.13	1/2	4,008.03	1/2	4,254.15	1/2	4,485.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,761.37	3/4	4,013.28	3/4	4,259.12	3/4	4,490.27	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,766.62	5	4,018.53	5	4,264.09	5	4,494.93	5		5		5		5		5		5	
1/4	3,771.87	1/4	4,023.77	1/4	4,269.04	1/4	4,499.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,777.12	1/2	4,029.02	1/2	4,273.98	1/2	4,504.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.37	3/4	4,034.26	3/4	4,278.93	3/4	4,508.84	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,787.61	6	4,039.51	6	4,283.88	6	4,513.47	6		6		6		6		6		6	
1/4	3,792.86	1/4	4,044.73	1/4	4,288.80	1/4	4,518.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.11	1/2	4,049.96	1/2	4,293.73	1/2	4,522.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,803.36	3/4	4,055.19	3/4	4,298.65	3/4	4,527.30	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,808.61	7	4,060.42	7	4,303.57	7	4,531.91	7		7		7		7		7		7	
1/4	3,813.85	1/4	4,065.62	1/4	4,308.48	1/4	4,536.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,819.10	1/2	4,070.83	1/2	4,313.38	1/2	4,541.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,824.35	3/4	4,076.03	3/4	4,318.28	3/4	4,545.67	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,829.60	8	4,081.24	8	4,323.18	8	4,550.25	8		8		8		8		8		8	
1/4	3,834.85	1/4	4,086.42	1/4	4,328.06	1/4	4,554.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,840.09	1/2	4,091.60	1/2	4,332.93	1/2	4,559.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.34	3/4	4,096.78	3/4	4,337.81	3/4	4,563.94	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,850.59	9	4,101.96	9	4,342.69	9	4,568.51	9		9		9		9		9		9	
1/4	3,855.84	1/4	4,107.12	1/4	4,347.54	1/4	4,573.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,861.09	1/2	4,112.28	1/2	4,352.40	1/2	4,578.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,866.34	3/4	4,117.43	3/4	4,357.25	3/4	4,583.15	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,871.58	10	4,122.59	10	4,362.11	10	4,588.03	10		10		10		10		10		10	
1/4	3,876.83	1/4	4,127.72	1/4	4,366.94	1/4	4,593.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,882.08	1/2	4,132.85	1/2	4,371.77	1/2	4,598.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,887.33	3/4	4,137.98	3/4	4,376.60	3/4	4,603.66	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,892.58	11	4,143.11	11	4,381.43	11	4,608.87	11		11		11		11		11		11	
1/4	3,897.82	1/4	4,148.21	1/4	4,386.24	1/4	4,614.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,903.07	1/2	4,153.32	1/2	4,391.04	1/2	4,619.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,908.32	3/4	4,158.42	3/4	4,395.85	3/4	4,624.49	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 09/2013

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



# BARGE "CTCo 318"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	171	0	342	0	513	0	684	0		0		0		0		0	
1/4	4	1/4	174	1/4	345	1/4	516	1/4	687	1/4		1/4		1/4		1/4		1/4	
1/2	7	1/2	178	1/2	349	1/2	520	1/2	691	1/2		1/2		1/2		1/2		1/2	
3/4	11	3/4	182	3/4	352	3/4	523	3/4	694	3/4		3/4		3/4		3/4		3/4	
1	14	1	185	1	356	1	527	1	698	1		1		1		1		1	
1/4	18	1/4	189	1/4	360	1/4	531	1/4	701	1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	192	1/2	363	1/2	534	1/2	705	1/2		1/2		1/2		1/2		1/2	
3/4	25	3/4	196	3/4	367	3/4	538	3/4	709	3/4		3/4		3/4		3/4		3/4	
2	28	2	199	2	370	2	541	2	712	2		2		2		2		2	
1/4	32	1/4	203	1/4	374	1/4	545	1/4	716	1/4		1/4		1/4		1/4		1/4	
1/2	36	1/2	207	1/2	377	1/2	548	1/2	719	1/2		1/2		1/2		1/2		1/2	
3/4	39	3/4	210	3/4	381	3/4	552	3/4	723	3/4		3/4		3/4		3/4		3/4	
3	43	3	214	3	385	3	555	3	726	3		3		3		3		3	
1/4	46	1/4	217	1/4	388	1/4	559	1/4	730	1/4		1/4		1/4		1/4		1/4	
1/2	50	1/2	221	1/2	392	1/2	563	1/2	733	1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	224	3/4	395	3/4	566	3/4	737	3/4		3/4		3/4		3/4		3/4	
4	57	4	228	4	399	4	570	4	741	4		4		4		4		4	
1/4	61	1/4	231	1/4	402	1/4	573	1/4	744	1/4		1/4		1/4		1/4		1/4	
1/2	64	1/2	235	1/2	406	1/2	577	1/2	748	1/2		1/2		1/2		1/2		1/2	
3/4	68	3/4	239	3/4	409	3/4	580	3/4	751	3/4		3/4		3/4		3/4		3/4	
5	71	5	242	5	413	5	584	5	755	5		5		5		5		5	
1/4	75	1/4	246	1/4	417	1/4	587	1/4	758	1/4		1/4		1/4		1/4		1/4	
1/2	78	1/2	249	1/2	420	1/2	591	1/2	762	1/2		1/2		1/2		1/2		1/2	
3/4	82	3/4	253	3/4	424	3/4	595	3/4	766	3/4		3/4		3/4		3/4		3/4	
6	85	6	256	6	427	6	598	6	769	6		6		6		6		6	
1/4	89	1/4	260	1/4	431	1/4	602	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	93	1/2	263	1/2	434	1/2	605	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	96	3/4	267	3/4	438	3/4	609	3/4		3/4		3/4		3/4		3/4		3/4	
7	100	7	271	7	442	7	612	7		7		7		7		7		7	
1/4	103	1/4	274	1/4	445	1/4	616	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107	1/2	278	1/2	449	1/2	620	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110	3/4	281	3/4	452	3/4	623	3/4		3/4		3/4		3/4		3/4		3/4	
8	114	8	285	8	456	8	627	8		8		8		8		8		8	
1/4	117	1/4	288	1/4	459	1/4	630	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121	1/2	292	1/2	463	1/2	634	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125	3/4	296	3/4	466	3/4	637	3/4		3/4		3/4		3/4		3/4		3/4	
9	128	9	299	9	470	9	641	9		9		9		9		9		9	
1/4	132	1/4	303	1/4	474	1/4	644	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	306	1/2	477	1/2	648	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139	3/4	310	3/4	481	3/4	652	3/4		3/4		3/4		3/4		3/4		3/4	
10	142	10	313	10	484	10	655	10		10		10		10		10		10	
1/4	146	1/4	317	1/4	488	1/4	659	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	150	1/2	320	1/2	491	1/2	662	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	324	3/4	495	3/4	666	3/4		3/4		3/4		3/4		3/4		3/4	
11	157	11	328	11	498	11	669	11		11		11		11		11		11	
1/4	160	1/4	331	1/4	502	1/4	673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164	1/2	335	1/2	506	1/2	676	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167	3/4	338	3/4	509	3/4	680	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.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT MANWAY.

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PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CTCo 318"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,079	0	2,158	0	3,210	0	4,199	0		0		0		0		0	
1/4	22	1/4	1,101	1/4	2,180	1/4	3,232	1/4	4,218	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,124	1/2	2,203	1/2	3,253	1/2	4,238	1/2		1/2		1/2		1/2		1/2	
3/4	67	3/4	1,146	3/4	2,225	3/4	3,274	3/4	4,258	3/4		3/4		3/4		3/4		3/4	
1	90	1	1,169	1	2,248	1	3,295	1	4,278	1		1		1		1		1	
1/4	112	1/4	1,191	1/4	2,270	1/4	3,316	1/4	4,298	1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	1,214	1/2	2,293	1/2	3,337	1/2	4,318	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,236	3/4	2,315	3/4	3,358	3/4	4,337	3/4		3/4		3/4		3/4		3/4	
2	180	2	1,259	2	2,337	2	3,379	2	4,357	2		2		2		2		2	
1/4	202	1/4	1,281	1/4	2,360	1/4	3,400	1/4	4,377	1/4		1/4		1/4		1/4		1/4	
1/2	225	1/2	1,304	1/2	2,382	1/2	3,421	1/2	4,396	1/2		1/2		1/2		1/2		1/2	
3/4	247	3/4	1,326	3/4	2,404	3/4	3,442	3/4	4,416	3/4		3/4		3/4		3/4		3/4	
3	270	3	1,349	3	2,427	3	3,463	3	4,436	3		3		3		3		3	
1/4	292	1/4	1,371	1/4	2,449	1/4	3,484	1/4	4,455	1/4		1/4		1/4		1/4		1/4	
1/2	315	1/2	1,394	1/2	2,471	1/2	3,505	1/2	4,475	1/2		1/2		1/2		1/2		1/2	
3/4	337	3/4	1,416	3/4	2,493	3/4	3,526	3/4	4,494	3/4		3/4		3/4		3/4		3/4	
4	360	4	1,439	4	2,516	4	3,547	4	4,514	4		4		4		4		4	
1/4	382	1/4	1,461	1/4	2,538	1/4	3,568	1/4	4,533	1/4		1/4		1/4		1/4		1/4	
1/2	405	1/2	1,484	1/2	2,560	1/2	3,588	1/2	4,552	1/2		1/2		1/2		1/2		1/2	
3/4	427	3/4	1,506	3/4	2,582	3/4	3,609	3/4	4,572	3/4		3/4		3/4		3/4		3/4	
5	450	5	1,528	5	2,604	5	3,630	5	4,591	5		5		5		5		5	
1/4	472	1/4	1,551	1/4	2,626	1/4	3,651	1/4	4,602	1/4		1/4		1/4		1/4		1/4	
1/2	495	1/2	1,573	1/2	2,648	1/2	3,671	1/2	4,614	1/2		1/2		1/2		1/2		1/2	
3/4	517	3/4	1,596	3/4	2,670	3/4	3,692	3/4	4,625	3/4		3/4		3/4		3/4		3/4	
6	539	6	1,618	6	2,692	6	3,712	6	4,636	6		6		6		6		6	
1/4	562	1/4	1,641	1/4	2,714	1/4	3,733	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	584	1/2	1,663	1/2	2,736	1/2	3,754	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	607	3/4	1,686	3/4	2,758	3/4	3,774	3/4		3/4		3/4		3/4		3/4		3/4	
7	629	7	1,708	7	2,780	7	3,795	7		7		7		7		7		7	
1/4	652	1/4	1,731	1/4	2,801	1/4	3,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	674	1/2	1,753	1/2	2,823	1/2	3,835	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	697	3/4	1,776	3/4	2,845	3/4	3,856	3/4		3/4		3/4		3/4		3/4		3/4	
8	719	8	1,798	8	2,867	8	3,876	8		8		8		8		8		8	
1/4	742	1/4	1,821	1/4	2,888	1/4	3,897	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	764	1/2	1,843	1/2	2,910	1/2	3,917	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	787	3/4	1,866	3/4	2,932	3/4	3,937	3/4		3/4		3/4		3/4		3/4		3/4	
9	809	9	1,888	9	2,953	9	3,958	9		9		9		9		9		9	
1/4	832	1/4	1,911	1/4	2,975	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	854	1/2	1,933	1/2	2,996	1/2	3,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	877	3/4	1,956	3/4	3,018	3/4	4,018	3/4		3/4		3/4		3/4		3/4		3/4	
10	899	10	1,978	10	3,039	10	4,038	10		10		10		10		10		10	
1/4	922	1/4	2,000	1/4	3,061	1/4	4,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	944	1/2	2,023	1/2	3,082	1/2	4,078	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	967	3/4	2,045	3/4	3,104	3/4	4,099	3/4		3/4		3/4		3/4		3/4		3/4	
11	989	11	2,068	11	3,125	11	4,119	11		11		11		11		11		11	
1/4	1,011	1/4	2,090	1/4	3,146	1/4	4,139	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,034	1/2	2,113	1/2	3,168	1/2	4,159	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,056	3/4	2,135	3/4	3,189	3/4	4,179	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
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# BARGE "CTCo 318"

## STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,079	0	2,158	0	3,210	0	4,199	0		0		0		0		0	
1/4	22	1/4	1,101	1/4	2,180	1/4	3,232	1/4	4,218	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,124	1/2	2,203	1/2	3,253	1/2	4,238	1/2		1/2		1/2		1/2		1/2	
3/4	67	3/4	1,146	3/4	2,225	3/4	3,274	3/4	4,258	3/4		3/4		3/4		3/4		3/4	
1	90	1	1,169	1	2,248	1	3,295	1	4,278	1		1		1		1		1	
1/4	112	1/4	1,191	1/4	2,270	1/4	3,316	1/4	4,298	1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	1,214	1/2	2,293	1/2	3,337	1/2	4,318	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,236	3/4	2,315	3/4	3,358	3/4	4,337	3/4		3/4		3/4		3/4		3/4	
2	180	2	1,259	2	2,337	2	3,379	2	4,357	2		2		2		2		2	
1/4	202	1/4	1,281	1/4	2,360	1/4	3,400	1/4	4,377	1/4		1/4		1/4		1/4		1/4	
1/2	225	1/2	1,304	1/2	2,382	1/2	3,421	1/2	4,396	1/2		1/2		1/2		1/2		1/2	
3/4	247	3/4	1,326	3/4	2,404	3/4	3,442	3/4	4,416	3/4		3/4		3/4		3/4		3/4	
3	270	3	1,349	3	2,427	3	3,463	3	4,436	3		3		3		3		3	
1/4	292	1/4	1,371	1/4	2,449	1/4	3,484	1/4	4,455	1/4		1/4		1/4		1/4		1/4	
1/2	315	1/2	1,394	1/2	2,471	1/2	3,505	1/2	4,475	1/2		1/2		1/2		1/2		1/2	
3/4	337	3/4	1,416	3/4	2,493	3/4	3,526	3/4	4,494	3/4		3/4		3/4		3/4		3/4	
4	360	4	1,439	4	2,516	4	3,547	4	4,514	4		4		4		4		4	
1/4	382	1/4	1,461	1/4	2,538	1/4	3,568	1/4	4,533	1/4		1/4		1/4		1/4		1/4	
1/2	405	1/2	1,484	1/2	2,560	1/2	3,588	1/2	4,552	1/2		1/2		1/2		1/2		1/2	
3/4	427	3/4	1,506	3/4	2,582	3/4	3,609	3/4	4,572	3/4		3/4		3/4		3/4		3/4	
5	450	5	1,528	5	2,604	5	3,630	5	4,591	5		5		5		5		5	
1/4	472	1/4	1,551	1/4	2,626	1/4	3,651	1/4	4,602	1/4		1/4		1/4		1/4		1/4	
1/2	495	1/2	1,573	1/2	2,648	1/2	3,671	1/2	4,614	1/2		1/2		1/2		1/2		1/2	
3/4	517	3/4	1,596	3/4	2,670	3/4	3,692	3/4	4,625	3/4		3/4		3/4		3/4		3/4	
6	539	6	1,618	6	2,692	6	3,712	6	4,636	6		6		6		6		6	
1/4	562	1/4	1,641	1/4	2,714	1/4	3,733	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	584	1/2	1,663	1/2	2,736	1/2	3,754	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	607	3/4	1,686	3/4	2,758	3/4	3,774	3/4		3/4		3/4		3/4		3/4		3/4	
7	629	7	1,708	7	2,780	7	3,795	7		7		7		7		7		7	
1/4	652	1/4	1,731	1/4	2,801	1/4	3,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	674	1/2	1,753	1/2	2,823	1/2	3,835	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	697	3/4	1,776	3/4	2,845	3/4	3,856	3/4		3/4		3/4		3/4		3/4		3/4	
8	719	8	1,798	8	2,867	8	3,876	8		8		8		8		8		8	
1/4	742	1/4	1,821	1/4	2,888	1/4	3,897	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	764	1/2	1,843	1/2	2,910	1/2	3,917	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	787	3/4	1,866	3/4	2,932	3/4	3,937	3/4		3/4		3/4		3/4		3/4		3/4	
9	809	9	1,888	9	2,953	9	3,958	9		9		9		9		9		9	
1/4	832	1/4	1,911	1/4	2,975	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	854	1/2	1,933	1/2	2,996	1/2	3,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	877	3/4	1,956	3/4	3,018	3/4	4,018	3/4		3/4		3/4		3/4		3/4		3/4	
10	899	10	1,978	10	3,039	10	4,038	10		10		10		10		10		10	
1/4	922	1/4	2,000	1/4	3,061	1/4	4,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	944	1/2	2,023	1/2	3,082	1/2	4,078	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	967	3/4	2,045	3/4	3,104	3/4	4,099	3/4		3/4		3/4		3/4		3/4		3/4	
11	989	11	2,068	11	3,125	11	4,119	11		11		11		11		11		11	
1/4	1,011	1/4	2,090	1/4	3,146	1/4	4,139	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,034	1/2	2,113	1/2	3,168	1/2	4,159	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,056	3/4	2,135	3/4	3,189	3/4	4,179	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.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT MANWAY.

STRAPPED: 09/23/2013 CL  
CALCULATED: 09/23/2013 CL  
PRINTED: 09/24/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2013

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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