



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	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
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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.

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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	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.

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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 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	

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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"

3 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

Table with 19 columns (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.) and 55 rows of capacity and gauge height data.

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.

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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	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.

STRAPPED: 09/23/2013 CL
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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"

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"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	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	

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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	

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