



# BARGE "CTCo 342"

## 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	- 00-1/8	00-1/8	- 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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
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 = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS -00-1/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 234'-03"

October 2, 2015

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 342"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 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	19.14	0	316.29	0	672.12	0	1,037.45	0	1,403.92	0	1,770.94	0	2,131.71	0	2,498.66	0	2,865.60	0	3,232.41
1/4	23.03	1/4	323.29	1/4	679.77	1/4	1,045.06	1/4	1,411.57	1/4	1,778.58	1/4	2,139.36	1/4	2,506.30	1/4	2,873.25	1/4	3,240.05
1/2	26.92	1/2	330.28	1/2	687.41	1/2	1,052.66	1/2	1,419.21	1/2	1,786.23	1/2	2,147.00	1/2	2,513.95	1/2	2,880.89	1/2	3,247.69
3/4	30.80	3/4	337.28	3/4	695.06	3/4	1,060.26	3/4	1,426.86	3/4	1,793.87	3/4	2,154.65	3/4	2,521.59	3/4	2,888.54	3/4	3,255.33
1	34.69	1	344.27	1	702.70	1	1,067.86	1	1,434.51	1	1,801.52	1	2,162.29	1	2,529.24	1	2,896.18	1	3,262.97
1/4	40.00	1/4	351.35	1/4	710.35	1/4	1,075.47	1/4	1,442.15	1/4	1,809.17	1/4	2,169.94	1/4	2,536.88	1/4	2,903.83	1/4	3,270.61
1/2	45.30	1/2	358.44	1/2	718.00	1/2	1,083.07	1/2	1,449.80	1/2	1,816.81	1/2	2,177.58	1/2	2,544.53	1/2	2,911.47	1/2	3,278.25
3/4	50.60	3/4	365.52	3/4	725.64	3/4	1,090.68	3/4	1,457.45	3/4	1,824.46	3/4	2,185.23	3/4	2,552.17	3/4	2,919.12	3/4	3,285.89
2	55.90	2	372.60	2	733.29	2	1,098.29	2	1,465.09	2	1,832.10	2	2,192.87	2	2,559.82	2	2,926.76	2	3,293.53
1/4	61.99	1/4	379.77	1/4	740.93	1/4	1,105.90	1/4	1,472.74	1/4	1,839.75	1/4	2,200.52	1/4	2,567.46	1/4	2,934.41	1/4	3,301.17
1/2	68.07	1/2	386.94	1/2	748.58	1/2	1,113.52	1/2	1,480.38	1/2	1,847.40	1/2	2,208.16	1/2	2,575.11	1/2	2,942.05	1/2	3,308.81
3/4	74.16	3/4	394.11	3/4	756.23	3/4	1,121.14	3/4	1,488.03	3/4	1,855.04	3/4	2,215.80	3/4	2,582.75	3/4	2,949.70	3/4	3,316.45
3	80.24	3	401.27	3	763.87	3	1,128.75	3	1,495.68	3	1,862.69	3	2,223.45	3	2,590.40	3	2,957.34	3	3,324.09
1/4	86.44	1/4	408.53	1/4	771.50	1/4	1,136.38	1/4	1,503.32	1/4	1,870.33	1/4	2,231.09	1/4	2,598.04	1/4	2,964.98	1/4	3,331.73
1/2	92.63	1/2	415.78	1/2	779.14	1/2	1,144.00	1/2	1,510.97	1/2	1,877.96	1/2	2,238.74	1/2	2,605.68	1/2	2,972.62	1/2	3,339.38
3/4	98.82	3/4	423.04	3/4	786.77	3/4	1,151.62	3/4	1,518.61	3/4	1,885.60	3/4	2,246.38	3/4	2,613.33	3/4	2,980.27	3/4	3,347.02
4	105.02	4	430.30	4	794.40	4	1,159.25	4	1,526.26	4	1,893.24	4	2,254.03	4	2,620.97	4	2,987.91	4	3,354.66
1/4	111.31	1/4	437.64	1/4	802.00	1/4	1,166.89	1/4	1,533.91	1/4	1,900.85	1/4	2,261.67	1/4	2,628.62	1/4	2,995.55	1/4	3,362.30
1/2	117.60	1/2	444.98	1/2	809.59	1/2	1,174.54	1/2	1,541.55	1/2	1,908.46	1/2	2,269.32	1/2	2,636.26	1/2	3,003.19	1/2	3,369.94
3/4	123.89	3/4	452.32	3/4	817.19	3/4	1,182.19	3/4	1,549.20	3/4	1,916.07	3/4	2,276.96	3/4	2,643.91	3/4	3,010.83	3/4	3,377.58
5	130.17	5	459.66	5	824.78	5	1,189.83	5	1,556.84	5	1,923.68	5	2,284.61	5	2,651.55	5	3,018.47	5	3,385.22
1/4	136.56	1/4	467.09	1/4	832.38	1/4	1,197.48	1/4	1,564.49	1/4	1,931.29	1/4	2,292.25	1/4	2,659.20	1/4	3,026.11	1/4	3,392.86
1/2	142.94	1/2	474.52	1/2	839.97	1/2	1,205.12	1/2	1,572.14	1/2	1,938.90	1/2	2,299.90	1/2	2,666.84	1/2	3,033.75	1/2	3,400.50
3/4	149.32	3/4	481.95	3/4	847.57	3/4	1,212.77	3/4	1,579.78	3/4	1,946.51	3/4	2,307.54	3/4	2,674.49	3/4	3,041.39	3/4	3,408.14
6	155.71	6	489.38	6	855.16	6	1,220.42	6	1,587.43	6	1,954.12	6	2,315.19	6	2,682.13	6	3,049.03	6	3,415.78
1/4	162.18	1/4	496.89	1/4	862.76	1/4	1,228.06	1/4	1,595.08	1/4	1,961.56	1/4	2,322.83	1/4	2,689.78	1/4	3,056.67	1/4	3,423.42
1/2	168.65	1/2	504.41	1/2	870.35	1/2	1,235.71	1/2	1,602.72	1/2	1,969.00	1/2	2,330.48	1/2	2,697.42	1/2	3,064.31	1/2	3,431.06
3/4	175.13	3/4	511.93	3/4	877.95	3/4	1,243.35	3/4	1,610.37	3/4	1,976.44	3/4	2,338.12	3/4	2,705.07	3/4	3,071.95	3/4	3,438.70
7	181.60	7	519.44	7	885.54	7	1,251.00	7	1,618.01	7	1,983.87	7	2,345.76	7	2,712.71	7	3,079.60	7	3,446.34
1/4	188.16	1/4	527.04	1/4	893.14	1/4	1,258.65	1/4	1,625.66	1/4	1,990.80	1/4	2,353.41	1/4	2,720.35	1/4	3,087.24	1/4	3,453.98
1/2	194.72	1/2	534.63	1/2	900.73	1/2	1,266.29	1/2	1,633.31	1/2	1,997.72	1/2	2,361.05	1/2	2,728.00	1/2	3,094.88	1/2	3,461.63
3/4	201.29	3/4	542.22	3/4	908.33	3/4	1,273.94	3/4	1,640.95	3/4	2,004.64	3/4	2,368.70	3/4	2,735.64	3/4	3,102.52	3/4	3,469.27
8	207.85	8	549.82	8	915.92	8	1,281.59	8	1,648.60	8	2,011.56	8	2,376.34	8	2,743.29	8	3,110.16	8	3,476.91
1/4	214.49	1/4	557.46	1/4	923.52	1/4	1,289.23	1/4	1,656.24	1/4	2,018.67	1/4	2,383.99	1/4	2,750.93	1/4	3,117.80	1/4	3,484.55
1/2	221.14	1/2	565.09	1/2	931.11	1/2	1,296.88	1/2	1,663.89	1/2	2,025.77	1/2	2,391.63	1/2	2,758.58	1/2	3,125.44	1/2	3,492.19
3/4	227.79	3/4	572.73	3/4	938.71	3/4	1,304.52	3/4	1,671.54	3/4	2,032.87	3/4	2,399.28	3/4	2,766.22	3/4	3,133.08	3/4	3,499.83
9	234.44	9	580.37	9	946.31	9	1,312.17	9	1,679.18	9	2,039.98	9	2,406.92	9	2,773.87	9	3,140.72	9	3,507.47
1/4	241.17	1/4	588.02	1/4	953.90	1/4	1,319.82	1/4	1,686.83	1/4	2,047.62	1/4	2,414.57	1/4	2,781.51	1/4	3,148.36	1/4	3,515.11
1/2	247.91	1/2	595.66	1/2	961.50	1/2	1,327.46	1/2	1,694.47	1/2	2,055.27	1/2	2,422.21	1/2	2,789.16	1/2	3,156.00	1/2	3,522.74
3/4	254.64	3/4	603.31	3/4	969.09	3/4	1,335.11	3/4	1,702.12	3/4	2,062.91	3/4	2,429.86	3/4	2,796.80	3/4	3,163.64	3/4	3,530.38
10	261.38	10	610.95	10	976.69	10	1,342.75	10	1,709.77	10	2,070.56	10	2,437.50	10	2,804.45	10	3,171.28	10	3,538.02
1/4	268.20	1/4	618.60	1/4	984.28	1/4	1,350.40	1/4	1,717.41	1/4	2,078.20	1/4	2,445.15	1/4	2,812.09	1/4	3,178.92	1/4	3,545.65
1/2	275.02	1/2	626.24	1/2	991.88	1/2	1,358.05	1/2	1,725.06	1/2	2,085.84	1/2	2,452.79	1/2	2,819.74	1/2	3,186.56	1/2	3,553.28
3/4	281.84	3/4	633.89	3/4	999.47	3/4	1,365.69	3/4	1,732.71	3/4	2,093.49	3/4	2,460.44	3/4	2,827.38	3/4	3,194.20	3/4	3,560.91
11	288.66	11	641.54	11	1,007.07	11	1,373.34	11	1,740.35	11	2,101.13	11	2,468.08	11	2,835.03	11	3,201.84	11	3,568.54
1/4	295.57	1/4	649.18	1/4	1,014.66	1/4	1,380.98	1/4	1,748.00	1/4	2,108.78	1/4	2,475.72	1/4	2,842.67	1/4	3,209.49	1/4	3,576.16
1/2	302.48	1/2	656.83	1/2	1,022.26	1/2	1,388.63	1/2	1,755.64	1/2	2,116.42	1/2	2,483.37	1/2	2,850.31	1/2	3,217.13	1/2	3,583.79
3/4	309.39	3/4	664.47	3/4	1,029.86	3/4	1,396.28	3/4	1,763.29	3/4	2,124.07	3/4	2,491.01	3/4	2,857.96	3/4	3,224.77	3/4	3,591.42

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CTCo 342"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 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	3,599.05	0	3,965.24	0	4,328.82	0	4,673.89	0	5,006.15	0		0		0		0		0	
1/4	3,606.68	1/4	3,972.87	1/4	4,336.21	1/4	4,680.84	1/4	5,013.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,614.31	1/2	3,980.50	1/2	4,343.61	1/2	4,687.80	1/2	5,021.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,621.94	3/4	3,988.12	3/4	4,351.01	3/4	4,694.75	3/4	5,028.86	3/4		3/4		3/4		3/4		3/4	
1	3,629.57	1	3,995.75	1	4,358.40	1	4,701.70	1	5,036.43	1		1		1		1		1	
1/4	3,637.20	1/4	4,003.38	1/4	4,365.77	1/4	4,708.61	1/4	5,043.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,644.82	1/2	4,011.01	1/2	4,373.13	1/2	4,715.52	1/2	5,051.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,652.45	3/4	4,018.64	3/4	4,380.50	3/4	4,722.43	3/4	5,058.58	3/4		3/4		3/4		3/4		3/4	
2	3,660.08	2	4,026.27	2	4,387.86	2	4,729.34	2	5,065.96	2		2		2		2		2	
1/4	3,667.71	1/4	4,033.90	1/4	4,395.18	1/4	4,736.19	1/4	5,072.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,675.34	1/2	4,041.53	1/2	4,402.51	1/2	4,743.04	1/2	5,078.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,682.97	3/4	4,049.16	3/4	4,409.83	3/4	4,749.88	3/4	5,085.25	3/4		3/4		3/4		3/4		3/4	
3	3,690.60	3	4,056.79	3	4,417.16	3	4,756.73	3	5,091.68	3		3		3		3		3	
1/4	3,698.23	1/4	4,064.41	1/4	4,424.43	1/4	4,763.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.86	1/2	4,072.04	1/2	4,431.70	1/2	4,770.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,713.48	3/4	4,079.67	3/4	4,438.97	3/4	4,777.17	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,721.11	4	4,087.30	4	4,446.25	4	4,783.98	4		4		4		4		4		4	
1/4	3,728.74	1/4	4,094.93	1/4	4,453.48	1/4	4,790.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.37	1/2	4,102.56	1/2	4,460.71	1/2	4,797.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.00	3/4	4,110.19	3/4	4,467.94	3/4	4,804.32	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,751.63	5	4,117.82	5	4,475.18	5	4,811.10	5		5		5		5		5		5	
1/4	3,759.26	1/4	4,125.44	1/4	4,482.37	1/4	4,817.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.89	1/2	4,133.07	1/2	4,489.57	1/2	4,824.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,774.52	3/4	4,140.70	3/4	4,496.77	3/4	4,831.34	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,782.14	6	4,148.32	6	4,503.97	6	4,838.08	6		6		6		6		6		6	
1/4	3,789.77	1/4	4,155.93	1/4	4,511.13	1/4	4,844.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,797.40	1/2	4,163.54	1/2	4,518.30	1/2	4,851.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.03	3/4	4,171.15	3/4	4,525.46	3/4	4,858.21	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,812.66	7	4,178.75	7	4,532.63	7	4,864.92	7		7		7		7		7		7	
1/4	3,820.29	1/4	4,186.33	1/4	4,539.76	1/4	4,871.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,827.92	1/2	4,193.90	1/2	4,546.89	1/2	4,878.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.55	3/4	4,201.48	3/4	4,554.02	3/4	4,884.93	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,843.18	8	4,209.05	8	4,561.15	8	4,891.60	8		8		8		8		8		8	
1/4	3,850.80	1/4	4,216.59	1/4	4,568.25	1/4	4,898.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.43	1/2	4,224.13	1/2	4,575.34	1/2	4,904.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,866.06	3/4	4,231.67	3/4	4,582.44	3/4	4,911.52	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,873.69	9	4,239.21	9	4,589.54	9	4,918.16	9		9		9		9		9		9	
1/4	3,881.32	1/4	4,246.72	1/4	4,596.60	1/4	4,925.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.95	1/2	4,254.22	1/2	4,603.67	1/2	4,931.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,896.58	3/4	4,261.73	3/4	4,610.73	3/4	4,938.72	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,904.21	10	4,269.23	10	4,617.79	10	4,945.58	10		10		10		10		10		10	
1/4	3,911.84	1/4	4,276.70	1/4	4,624.82	1/4	4,953.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,919.46	1/2	4,284.16	1/2	4,631.85	1/2	4,960.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,927.09	3/4	4,291.63	3/4	4,638.88	3/4	4,968.29	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,934.72	11	4,299.09	11	4,645.91	11	4,975.86	11		11		11		11		11		11	
1/4	3,942.35	1/4	4,306.52	1/4	4,652.91	1/4	4,983.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,949.98	1/2	4,313.95	1/2	4,659.90	1/2	4,991.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,957.61	3/4	4,321.38	3/4	4,666.89	3/4	4,998.58	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/2015 CL  
CALCULATED: 10/03/2015 CL  
PRINTED: 10/04/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

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



# BARGE "CTCo 342"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 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	19.09	0	315.27	0	669.68	0	1,034.85	0	1,400.43	0	1,766.05	0	2,125.45	0	2,491.00	0	2,856.56	0	3,221.98
1/4	22.97	1/4	322.24	1/4	677.30	1/4	1,042.46	1/4	1,408.05	1/4	1,773.67	1/4	2,133.07	1/4	2,498.62	1/4	2,864.17	1/4	3,229.59
1/2	26.86	1/2	329.21	1/2	684.91	1/2	1,050.07	1/2	1,415.66	1/2	1,781.29	1/2	2,140.68	1/2	2,506.23	1/2	2,871.79	1/2	3,237.20
3/4	30.74	3/4	336.18	3/4	692.53	3/4	1,057.68	3/4	1,423.28	3/4	1,788.90	3/4	2,148.30	3/4	2,513.85	3/4	2,879.40	3/4	3,244.81
1	34.62	1	343.14	1	700.15	1	1,065.29	1	1,430.90	1	1,796.52	1	2,155.91	1	2,521.47	1	2,887.02	1	3,252.42
1/4	39.91	1/4	350.20	1/4	707.76	1/4	1,072.90	1/4	1,438.51	1/4	1,804.14	1/4	2,163.53	1/4	2,529.08	1/4	2,894.64	1/4	3,260.03
1/2	45.20	1/2	357.25	1/2	715.38	1/2	1,080.52	1/2	1,446.13	1/2	1,811.76	1/2	2,171.14	1/2	2,536.70	1/2	2,902.25	1/2	3,267.65
3/4	50.49	3/4	364.31	3/4	723.00	3/4	1,088.13	3/4	1,453.75	3/4	1,819.37	3/4	2,178.76	3/4	2,544.31	3/4	2,909.87	3/4	3,275.26
2	55.78	2	371.36	2	730.62	2	1,095.74	2	1,461.37	2	1,826.99	2	2,186.37	2	2,551.93	2	2,917.48	2	3,282.87
1/4	61.85	1/4	378.50	1/4	738.23	1/4	1,103.36	1/4	1,468.98	1/4	1,834.61	1/4	2,193.99	1/4	2,559.54	1/4	2,925.10	1/4	3,290.48
1/2	67.92	1/2	385.64	1/2	745.85	1/2	1,110.97	1/2	1,476.60	1/2	1,842.23	1/2	2,201.61	1/2	2,567.16	1/2	2,932.71	1/2	3,298.09
3/4	73.99	3/4	392.78	3/4	753.47	3/4	1,118.59	3/4	1,484.22	3/4	1,849.84	3/4	2,209.22	3/4	2,574.78	3/4	2,940.33	3/4	3,305.70
3	80.06	3	399.92	3	761.08	3	1,126.21	3	1,491.83	3	1,857.46	3	2,216.84	3	2,582.39	3	2,947.94	3	3,313.32
1/4	86.24	1/4	407.15	1/4	768.70	1/4	1,133.83	1/4	1,499.45	1/4	1,865.07	1/4	2,224.45	1/4	2,590.01	1/4	2,955.56	1/4	3,320.93
1/2	92.42	1/2	414.38	1/2	776.31	1/2	1,141.44	1/2	1,507.07	1/2	1,872.67	1/2	2,232.07	1/2	2,597.62	1/2	2,963.17	1/2	3,328.54
3/4	98.60	3/4	421.61	3/4	783.92	3/4	1,149.06	3/4	1,514.69	3/4	1,880.28	3/4	2,239.68	3/4	2,605.24	3/4	2,970.79	3/4	3,336.15
4	104.78	4	428.83	4	791.54	4	1,156.68	4	1,522.30	4	1,887.89	4	2,247.30	4	2,612.85	4	2,978.40	4	3,343.76
1/4	111.06	1/4	436.15	1/4	799.14	1/4	1,164.29	1/4	1,529.92	1/4	1,895.47	1/4	2,254.92	1/4	2,620.47	1/4	2,986.01	1/4	3,351.37
1/2	117.33	1/2	443.46	1/2	806.74	1/2	1,171.91	1/2	1,537.54	1/2	1,903.05	1/2	2,262.53	1/2	2,628.09	1/2	2,993.62	1/2	3,358.99
3/4	123.61	3/4	450.78	3/4	814.35	3/4	1,179.53	3/4	1,545.15	3/4	1,910.63	3/4	2,270.15	3/4	2,635.70	3/4	3,001.24	3/4	3,366.60
5	129.88	5	458.09	5	821.95	5	1,187.15	5	1,552.77	5	1,918.21	5	2,277.76	5	2,643.32	5	3,008.85	5	3,374.21
1/4	136.24	1/4	465.49	1/4	829.55	1/4	1,194.76	1/4	1,560.39	1/4	1,925.79	1/4	2,285.38	1/4	2,650.93	1/4	3,016.46	1/4	3,381.82
1/2	142.60	1/2	472.89	1/2	837.16	1/2	1,202.38	1/2	1,568.01	1/2	1,933.37	1/2	2,292.99	1/2	2,658.55	1/2	3,024.07	1/2	3,389.43
3/4	148.96	3/4	480.29	3/4	844.76	3/4	1,210.00	3/4	1,575.62	3/4	1,940.96	3/4	2,300.61	3/4	2,666.16	3/4	3,031.68	3/4	3,397.04
6	155.33	6	487.69	6	852.36	6	1,217.62	6	1,583.24	6	1,948.54	6	2,308.23	6	2,673.78	6	3,039.29	6	3,404.66
1/4	161.77	1/4	495.18	1/4	859.97	1/4	1,225.23	1/4	1,590.86	1/4	1,955.95	1/4	2,315.84	1/4	2,681.40	1/4	3,046.91	1/4	3,412.27
1/2	168.22	1/2	502.66	1/2	867.57	1/2	1,232.85	1/2	1,598.47	1/2	1,963.36	1/2	2,323.46	1/2	2,689.01	1/2	3,054.52	1/2	3,419.88
3/4	174.67	3/4	510.15	3/4	875.17	3/4	1,240.47	3/4	1,606.09	3/4	1,970.77	3/4	2,331.07	3/4	2,696.63	3/4	3,062.13	3/4	3,427.49
7	181.12	7	517.63	7	882.78	7	1,248.08	7	1,613.71	7	1,978.18	7	2,338.69	7	2,704.24	7	3,069.74	7	3,435.10
1/4	187.65	1/4	525.19	1/4	890.38	1/4	1,255.70	1/4	1,621.33	1/4	1,985.07	1/4	2,346.30	1/4	2,711.86	1/4	3,077.35	1/4	3,442.71
1/2	194.19	1/2	532.75	1/2	897.98	1/2	1,263.32	1/2	1,628.94	1/2	1,991.97	1/2	2,353.92	1/2	2,719.47	1/2	3,084.96	1/2	3,450.33
3/4	200.72	3/4	540.31	3/4	905.59	3/4	1,270.94	3/4	1,636.56	3/4	1,998.86	3/4	2,361.54	3/4	2,727.09	3/4	3,092.58	3/4	3,457.94
8	207.26	8	547.87	8	913.19	8	1,278.55	8	1,644.18	8	2,005.76	8	2,369.15	8	2,734.71	8	3,100.19	8	3,465.55
1/4	213.88	1/4	555.47	1/4	920.79	1/4	1,286.17	1/4	1,651.80	1/4	2,012.84	1/4	2,376.77	1/4	2,742.32	1/4	3,107.80	1/4	3,473.16
1/2	220.50	1/2	563.07	1/2	928.40	1/2	1,293.79	1/2	1,659.41	1/2	2,019.91	1/2	2,384.38	1/2	2,749.94	1/2	3,115.41	1/2	3,480.77
3/4	227.12	3/4	570.67	3/4	936.00	3/4	1,301.40	3/4	1,667.03	3/4	2,026.99	3/4	2,392.00	3/4	2,757.55	3/4	3,123.02	3/4	3,488.38
9	233.74	9	578.28	9	943.60	9	1,309.02	9	1,674.65	9	2,034.06	9	2,399.61	9	2,765.17	9	3,130.63	9	3,496.00
1/4	240.45	1/4	585.89	1/4	951.21	1/4	1,316.64	1/4	1,682.26	1/4	2,041.68	1/4	2,407.23	1/4	2,772.78	1/4	3,138.25	1/4	3,503.61
1/2	247.16	1/2	593.51	1/2	958.81	1/2	1,324.26	1/2	1,689.88	1/2	2,049.29	1/2	2,414.85	1/2	2,780.40	1/2	3,145.86	1/2	3,511.22
3/4	253.86	3/4	601.13	3/4	966.41	3/4	1,331.87	3/4	1,697.50	3/4	2,056.91	3/4	2,422.46	3/4	2,788.02	3/4	3,153.47	3/4	3,518.83
10	260.57	10	608.75	10	974.02	10	1,339.49	10	1,705.12	10	2,064.52	10	2,430.08	10	2,795.63	10	3,161.08	10	3,526.44
1/4	267.37	1/4	616.36	1/4	981.62	1/4	1,347.11	1/4	1,712.73	1/4	2,072.14	1/4	2,437.69	1/4	2,803.25	1/4	3,168.69	1/4	3,534.06
1/2	274.16	1/2	623.98	1/2	989.22	1/2	1,354.72	1/2	1,720.35	1/2	2,079.76	1/2	2,445.31	1/2	2,810.86	1/2	3,176.31	1/2	3,541.67
3/4	280.96	3/4	631.60	3/4	996.83	3/4	1,362.34	3/4	1,727.97	3/4	2,087.37	3/4	2,452.92	3/4	2,818.48	3/4	3,183.92	3/4	3,549.28
11	287.75	11	639.21	11	1,004.43	11	1,369.96	11	1,735.58	11	2,094.99	11	2,460.54	11	2,826.09	11	3,191.53	11	3,556.89
1/4	294.63	1/4	646.83	1/4	1,012.03	1/4	1,377.58	1/4	1,743.20	1/4	2,102.60	1/4	2,468.16	1/4	2,833.71	1/4	3,199.14	1/4	3,564.50
1/2	301.51	1/2	654.45	1/2	1,019.64	1/2	1,385.19	1/2	1,750.82	1/2	2,110.22	1/2	2,475.77	1/2	2,841.33	1/2	3,206.75	1/2	3,572.11
3/4	308.39	3/4	662.06	3/4	1,027.24	3/4	1,392.81	3/4	1,758.44	3/4	2,117.83	3/4	2,483.39	3/4	2,848.94	3/4	3,214.36	3/4	3,579.73

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 342"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 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	3,587.34	0	3,952.70	0	4,315.44	0	4,659.74	0	4,991.25	0		0		0		0		0	
1/4	3,594.95	1/4	3,960.31	1/4	4,322.82	1/4	4,666.68	1/4	4,998.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.56	1/2	3,967.92	1/2	4,330.21	1/2	4,673.61	1/2	5,006.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,610.17	3/4	3,975.53	3/4	4,337.59	3/4	4,680.55	3/4	5,013.91	3/4		3/4		3/4		3/4		3/4	
1	3,617.78	1	3,983.15	1	4,344.97	1	4,687.49	1	5,021.47	1		1		1		1		1	
1/4	3,625.40	1/4	3,990.76	1/4	4,352.31	1/4	4,694.38	1/4	5,028.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,633.01	1/2	3,998.37	1/2	4,359.66	1/2	4,701.28	1/2	5,036.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,640.62	3/4	4,005.98	3/4	4,367.01	3/4	4,708.17	3/4	5,043.56	3/4		3/4		3/4		3/4		3/4	
2	3,648.23	2	4,013.59	2	4,374.35	2	4,715.07	2	5,050.93	2		2		2		2		2	
1/4	3,655.84	1/4	4,021.20	1/4	4,381.66	1/4	4,721.90	1/4	5,057.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,663.45	1/2	4,028.82	1/2	4,388.97	1/2	4,728.73	1/2	5,063.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.07	3/4	4,036.43	3/4	4,396.28	3/4	4,735.56	3/4	5,070.16	3/4		3/4		3/4		3/4		3/4	
3	3,678.68	3	4,044.04	3	4,403.58	3	4,742.39	3	5,076.57	3		3		3		3		3	
1/4	3,686.29	1/4	4,051.65	1/4	4,410.84	1/4	4,749.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,693.90	1/2	4,059.26	1/2	4,418.10	1/2	4,755.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,701.51	3/4	4,066.87	3/4	4,425.35	3/4	4,762.79	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,709.12	4	4,074.49	4	4,432.61	4	4,769.58	4		4		4		4		4		4	
1/4	3,716.74	1/4	4,082.10	1/4	4,439.82	1/4	4,776.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,724.35	1/2	4,089.71	1/2	4,447.04	1/2	4,783.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,731.96	3/4	4,097.32	3/4	4,454.26	3/4	4,789.87	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,739.57	5	4,104.93	5	4,461.47	5	4,796.64	5		5		5		5		5		5	
1/4	3,747.18	1/4	4,112.54	1/4	4,468.65	1/4	4,803.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,754.79	1/2	4,120.15	1/2	4,475.84	1/2	4,810.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,762.41	3/4	4,127.75	3/4	4,483.02	3/4	4,816.83	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,770.02	6	4,135.36	6	4,490.20	6	4,823.56	6		6		6		6		6		6	
1/4	3,777.63	1/4	4,142.95	1/4	4,497.35	1/4	4,830.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,785.24	1/2	4,150.54	1/2	4,504.50	1/2	4,836.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,792.85	3/4	4,158.13	3/4	4,511.65	3/4	4,843.64	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,800.46	7	4,165.72	7	4,518.79	7	4,850.34	7		7		7		7		7		7	
1/4	3,808.08	1/4	4,173.28	1/4	4,525.91	1/4	4,856.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,815.69	1/2	4,180.84	1/2	4,533.02	1/2	4,863.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,823.30	3/4	4,188.40	3/4	4,540.14	3/4	4,870.30	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,830.91	8	4,195.95	8	4,547.25	8	4,876.96	8		8		8		8		8		8	
1/4	3,838.52	1/4	4,203.48	1/4	4,554.33	1/4	4,883.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,846.13	1/2	4,211.00	1/2	4,561.42	1/2	4,890.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,853.75	3/4	4,218.52	3/4	4,568.50	3/4	4,896.83	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,861.36	9	4,226.05	9	4,575.58	9	4,903.46	9		9		9		9		9		9	
1/4	3,868.97	1/4	4,233.53	1/4	4,582.63	1/4	4,910.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,876.58	1/2	4,241.02	1/2	4,589.67	1/2	4,917.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,884.19	3/4	4,248.51	3/4	4,596.72	3/4	4,923.97	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,891.80	10	4,256.00	10	4,603.77	10	4,930.81	10		10		10		10		10		10	
1/4	3,899.42	1/4	4,263.45	1/4	4,610.78	1/4	4,938.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,907.03	1/2	4,270.89	1/2	4,617.80	1/2	4,945.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,914.64	3/4	4,278.34	3/4	4,624.81	3/4	4,953.48	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,922.25	11	4,285.79	11	4,631.82	11	4,961.03	11		11		11		11		11		11	
1/4	3,929.86	1/4	4,293.20	1/4	4,638.80	1/4	4,968.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,937.48	1/2	4,300.62	1/2	4,645.78	1/2	4,976.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,945.09	3/4	4,308.03	3/4	4,652.76	3/4	4,983.69	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/2015 CL  
CALCULATED: 10/03/2015 CL  
PRINTED: 10/04/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

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



# BARGE "CTCo 342"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	19.19	0	351.55	0	695.75	0	1,029.92	0	1,369.78	0	1,714.00	0	2,052.32	0	2,396.47	0	2,740.62	0	3,084.62
1/4	24.12	1/4	358.72	1/4	702.92	1/4	1,036.79	1/4	1,376.96	1/4	1,721.17	1/4	2,059.49	1/4	2,403.64	1/4	2,747.79	1/4	3,091.79
1/2	29.05	1/2	365.89	1/2	710.09	1/2	1,043.67	1/2	1,384.13	1/2	1,728.34	1/2	2,066.66	1/2	2,410.81	1/2	2,754.96	1/2	3,098.95
3/4	33.98	3/4	373.06	3/4	717.26	3/4	1,050.54	3/4	1,391.30	3/4	1,735.51	3/4	2,073.83	3/4	2,417.98	3/4	2,762.13	3/4	3,106.12
1	38.91	1	380.23	1	724.44	1	1,057.41	1	1,398.47	1	1,742.68	1	2,081.00	1	2,425.15	1	2,769.29	1	3,113.28
1/4	45.40	1/4	387.40	1/4	731.61	1/4	1,064.29	1/4	1,405.64	1/4	1,749.85	1/4	2,088.17	1/4	2,432.32	1/4	2,776.46	1/4	3,120.45
1/2	51.89	1/2	394.57	1/2	738.78	1/2	1,071.17	1/2	1,412.81	1/2	1,757.02	1/2	2,095.34	1/2	2,439.49	1/2	2,783.63	1/2	3,127.61
3/4	58.37	3/4	401.74	3/4	745.95	3/4	1,078.05	3/4	1,419.98	3/4	1,764.19	3/4	2,102.51	3/4	2,446.66	3/4	2,790.80	3/4	3,134.78
2	64.86	2	408.92	2	753.12	2	1,084.92	2	1,427.15	2	1,771.37	2	2,109.68	2	2,453.83	2	2,797.97	2	3,141.94
1/4	72.01	1/4	416.09	1/4	760.29	1/4	1,091.81	1/4	1,434.32	1/4	1,778.54	1/4	2,116.85	1/4	2,461.00	1/4	2,805.14	1/4	3,149.11
1/2	79.15	1/2	423.26	1/2	767.46	1/2	1,098.70	1/2	1,441.50	1/2	1,785.71	1/2	2,124.02	1/2	2,468.17	1/2	2,812.31	1/2	3,156.28
3/4	86.29	3/4	430.43	3/4	774.63	3/4	1,105.59	3/4	1,448.67	3/4	1,792.88	3/4	2,131.19	3/4	2,475.34	3/4	2,819.48	3/4	3,163.44
3	93.43	3	437.60	3	781.80	3	1,112.47	3	1,455.84	3	1,800.05	3	2,138.36	3	2,482.51	3	2,826.65	3	3,170.61
1/4	100.59	1/4	444.77	1/4	788.90	1/4	1,119.43	1/4	1,463.01	1/4	1,807.21	1/4	2,145.53	1/4	2,489.68	1/4	2,833.82	1/4	3,177.77
1/2	107.76	1/2	451.94	1/2	795.99	1/2	1,126.39	1/2	1,470.18	1/2	1,814.37	1/2	2,152.70	1/2	2,496.85	1/2	2,840.99	1/2	3,184.94
3/4	114.92	3/4	459.11	3/4	803.09	3/4	1,133.35	3/4	1,477.35	3/4	1,821.54	3/4	2,159.87	3/4	2,504.02	3/4	2,848.15	3/4	3,192.10
4	122.08	4	466.28	4	810.18	4	1,140.31	4	1,484.52	4	1,828.70	4	2,167.04	4	2,511.19	4	2,855.32	4	3,199.27
1/4	129.25	1/4	473.45	1/4	817.05	1/4	1,147.48	1/4	1,491.69	1/4	1,835.83	1/4	2,174.21	1/4	2,518.36	1/4	2,862.49	1/4	3,206.44
1/2	136.42	1/2	480.62	1/2	823.91	1/2	1,154.65	1/2	1,498.86	1/2	1,842.97	1/2	2,181.38	1/2	2,525.52	1/2	2,869.65	1/2	3,213.60
3/4	143.59	3/4	487.80	3/4	830.78	3/4	1,161.82	3/4	1,506.04	3/4	1,850.11	3/4	2,188.55	3/4	2,532.69	3/4	2,876.82	3/4	3,220.77
5	150.76	5	494.97	5	837.65	5	1,168.99	5	1,513.21	5	1,857.24	5	2,195.72	5	2,539.86	5	2,883.98	5	3,227.93
1/4	157.93	1/4	502.14	1/4	844.51	1/4	1,176.16	1/4	1,520.38	1/4	1,864.38	1/4	2,202.89	1/4	2,547.03	1/4	2,891.15	1/4	3,235.10
1/2	165.11	1/2	509.31	1/2	851.38	1/2	1,183.34	1/2	1,527.55	1/2	1,871.51	1/2	2,210.06	1/2	2,554.20	1/2	2,898.31	1/2	3,242.26
3/4	172.28	3/4	516.48	3/4	858.25	3/4	1,190.51	3/4	1,534.72	3/4	1,878.65	3/4	2,217.23	3/4	2,561.37	3/4	2,905.48	3/4	3,249.43
6	179.45	6	523.65	6	865.11	6	1,197.68	6	1,541.89	6	1,885.78	6	2,224.40	6	2,568.54	6	2,912.65	6	3,256.59
1/4	186.62	1/4	530.82	1/4	871.98	1/4	1,204.85	1/4	1,549.06	1/4	1,892.76	1/4	2,231.57	1/4	2,575.71	1/4	2,919.81	1/4	3,263.76
1/2	193.79	1/2	537.99	1/2	878.85	1/2	1,212.02	1/2	1,556.23	1/2	1,899.73	1/2	2,238.74	1/2	2,582.88	1/2	2,926.98	1/2	3,270.93
3/4	200.96	3/4	545.16	3/4	885.71	3/4	1,219.19	3/4	1,563.40	3/4	1,906.71	3/4	2,245.91	3/4	2,590.05	3/4	2,934.14	3/4	3,278.09
7	208.13	7	552.33	7	892.58	7	1,226.36	7	1,570.58	7	1,913.68	7	2,253.08	7	2,597.22	7	2,941.31	7	3,285.26
1/4	215.30	1/4	559.50	1/4	899.45	1/4	1,233.53	1/4	1,577.75	1/4	1,920.17	1/4	2,260.25	1/4	2,604.39	1/4	2,948.47	1/4	3,292.42
1/2	222.47	1/2	566.68	1/2	906.31	1/2	1,240.70	1/2	1,584.92	1/2	1,926.66	1/2	2,267.42	1/2	2,611.56	1/2	2,955.64	1/2	3,299.59
3/4	229.64	3/4	573.85	3/4	913.18	3/4	1,247.88	3/4	1,592.09	3/4	1,933.15	3/4	2,274.59	3/4	2,618.73	3/4	2,962.80	3/4	3,306.75
8	236.81	8	581.02	8	920.05	8	1,255.05	8	1,599.26	8	1,939.65	8	2,281.76	8	2,625.90	8	2,969.97	8	3,313.92
1/4	243.98	1/4	588.19	1/4	926.91	1/4	1,262.22	1/4	1,606.43	1/4	1,946.31	1/4	2,288.92	1/4	2,633.07	1/4	2,977.14	1/4	3,321.08
1/2	251.16	1/2	595.36	1/2	933.78	1/2	1,269.39	1/2	1,613.60	1/2	1,952.97	1/2	2,296.09	1/2	2,640.24	1/2	2,984.30	1/2	3,328.25
3/4	258.33	3/4	602.53	3/4	940.64	3/4	1,276.56	3/4	1,620.77	3/4	1,959.63	3/4	2,303.26	3/4	2,647.41	3/4	2,991.47	3/4	3,335.42
9	265.50	9	609.70	9	947.51	9	1,283.73	9	1,627.94	9	1,966.29	9	2,310.43	9	2,654.58	9	2,998.63	9	3,342.58
1/4	272.67	1/4	616.87	1/4	954.38	1/4	1,290.90	1/4	1,635.12	1/4	1,973.46	1/4	2,317.60	1/4	2,661.75	1/4	3,005.80	1/4	3,349.75
1/2	279.84	1/2	624.04	1/2	961.24	1/2	1,298.07	1/2	1,642.29	1/2	1,980.63	1/2	2,324.77	1/2	2,668.92	1/2	3,012.96	1/2	3,356.91
3/4	287.01	3/4	631.21	3/4	968.11	3/4	1,305.24	3/4	1,649.46	3/4	1,987.80	3/4	2,331.94	3/4	2,676.09	3/4	3,020.13	3/4	3,364.08
10	294.18	10	638.38	10	974.98	10	1,312.42	10	1,656.63	10	1,994.97	10	2,339.11	10	2,683.26	10	3,027.30	10	3,371.24
1/4	301.35	1/4	645.56	1/4	981.84	1/4	1,319.59	1/4	1,663.80	1/4	2,002.14	1/4	2,346.28	1/4	2,690.43	1/4	3,034.46	1/4	3,378.41
1/2	308.52	1/2	652.73	1/2	988.71	1/2	1,326.76	1/2	1,670.97	1/2	2,009.31	1/2	2,353.45	1/2	2,697.60	1/2	3,041.63	1/2	3,385.58
3/4	315.69	3/4	659.90	3/4	995.58	3/4	1,333.93	3/4	1,678.14	3/4	2,016.48	3/4	2,360.62	3/4	2,704.77	3/4	3,048.79	3/4	3,392.74
11	322.86	11	667.07	11	1,002.44	11	1,341.10	11	1,685.31	11	2,023.65	11	2,367.79	11	2,711.94	11	3,055.96	11	3,399.91
1/4	330.04	1/4	674.24	1/4	1,009.31	1/4	1,348.27	1/4	1,692.48	1/4	2,030.82	1/4	2,374.96	1/4	2,719.11	1/4	3,063.12	1/4	3,407.07
1/2	337.21	1/2	681.41	1/2	1,016.18	1/2	1,355.44	1/2	1,699.66	1/2	2,037.99	1/2	2,382.13	1/2	2,726.28	1/2	3,070.29	1/2	3,414.24
3/4	344.38	3/4	688.58	3/4	1,023.05	3/4	1,362.61	3/4	1,706.83	3/4	2,045.16	3/4	2,389.30	3/4	2,733.45	3/4	3,077.45	3/4	3,421.40

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 342"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3"

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	3,428.57	0	3,772.52	0	4,114.01	0	4,438.07	0	4,749.98	0		0		0		0		0	
1/4	3,435.73	1/4	3,779.68	1/4	4,120.96	1/4	4,444.60	1/4	4,757.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,442.90	1/2	3,786.85	1/2	4,127.91	1/2	4,451.13	1/2	4,764.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,450.07	3/4	3,794.01	3/4	4,134.86	3/4	4,457.66	3/4	4,771.31	3/4		3/4		3/4		3/4		3/4	
1	3,457.23	1	3,801.18	1	4,141.80	1	4,464.19	1	4,778.42	1		1		1		1		1	
1/4	3,464.40	1/4	3,808.35	1/4	4,148.72	1/4	4,470.68	1/4	4,785.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,471.56	1/2	3,815.51	1/2	4,155.64	1/2	4,477.17	1/2	4,792.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,478.73	3/4	3,822.68	3/4	4,162.55	3/4	4,483.66	3/4	4,799.21	3/4		3/4		3/4		3/4		3/4	
2	3,485.89	2	3,829.84	2	4,169.47	2	4,490.15	2	4,806.14	2		2		2		2		2	
1/4	3,493.06	1/4	3,837.01	1/4	4,176.35	1/4	4,496.57	1/4	4,812.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,500.22	1/2	3,844.17	1/2	4,183.23	1/2	4,503.00	1/2	4,818.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,507.39	3/4	3,851.34	3/4	4,190.11	3/4	4,509.43	3/4	4,824.24	3/4		3/4		3/4		3/4		3/4	
3	3,514.56	3	3,858.50	3	4,196.99	3	4,515.85	3	4,830.28	3		3		3		3		3	
1/4	3,521.72	1/4	3,865.67	1/4	4,203.82	1/4	4,522.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,528.89	1/2	3,872.84	1/2	4,210.64	1/2	4,528.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,536.05	3/4	3,880.00	3/4	4,217.47	3/4	4,535.04	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,543.22	4	3,887.17	4	4,224.30	4	4,541.43	4		4		4		4		4		4	
1/4	3,550.38	1/4	3,894.33	1/4	4,231.09	1/4	4,547.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.55	1/2	3,901.50	1/2	4,237.89	1/2	4,554.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,564.72	3/4	3,908.66	3/4	4,244.68	3/4	4,560.52	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,571.88	5	3,915.83	5	4,251.47	5	4,566.89	5		5		5		5		5		5	
1/4	3,579.05	1/4	3,922.99	1/4	4,258.23	1/4	4,573.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,586.21	1/2	3,930.16	1/2	4,264.99	1/2	4,579.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,593.38	3/4	3,937.32	3/4	4,271.75	3/4	4,585.88	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,600.54	6	3,944.48	6	4,278.51	6	4,592.21	6		6		6		6		6		6	
1/4	3,607.71	1/4	3,951.63	1/4	4,285.24	1/4	4,598.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,614.87	1/2	3,958.78	1/2	4,291.96	1/2	4,604.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,622.04	3/4	3,965.92	3/4	4,298.69	3/4	4,611.11	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,629.21	7	3,973.07	7	4,305.42	7	4,617.41	7		7		7		7		7		7	
1/4	3,636.37	1/4	3,980.18	1/4	4,312.12	1/4	4,623.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,643.54	1/2	3,987.30	1/2	4,318.81	1/2	4,629.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,650.70	3/4	3,994.41	3/4	4,325.51	3/4	4,636.19	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,657.87	8	4,001.52	8	4,332.21	8	4,642.45	8		8		8		8		8		8	
1/4	3,665.03	1/4	4,008.61	1/4	4,338.87	1/4	4,648.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,672.20	1/2	4,015.69	1/2	4,345.54	1/2	4,654.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,679.36	3/4	4,022.77	3/4	4,352.20	3/4	4,661.15	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,686.53	9	4,029.86	9	4,358.86	9	4,667.38	9		9		9		9		9		9	
1/4	3,693.70	1/4	4,036.90	1/4	4,365.50	1/4	4,673.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.86	1/2	4,043.95	1/2	4,372.13	1/2	4,680.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.03	3/4	4,051.00	3/4	4,378.76	3/4	4,686.68	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,715.19	10	4,058.05	10	4,385.40	10	4,693.12	10		10		10		10		10		10	
1/4	3,722.36	1/4	4,065.06	1/4	4,392.00	1/4	4,700.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.52	1/2	4,072.07	1/2	4,398.60	1/2	4,707.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.69	3/4	4,079.08	3/4	4,405.20	3/4	4,714.44	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,743.86	11	4,086.10	11	4,411.80	11	4,721.55	11		11		11		11		11		11	
1/4	3,751.02	1/4	4,093.08	1/4	4,418.37	1/4	4,728.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.19	1/2	4,100.05	1/2	4,424.94	1/2	4,735.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.35	3/4	4,107.03	3/4	4,431.51	3/4	4,742.88	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/2015 CL  
CALCULATED: 10/03/2015 CL  
PRINTED: 10/04/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

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





# BARGE "CTCo 342"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 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	19.17	0	351.28	0	695.21	0	1,038.74	0	1,382.65	0	1,726.59	0	2,064.67	0	2,408.56	0	2,752.44	0	3,096.18
1/4	24.10	1/4	358.44	1/4	702.38	1/4	1,045.90	1/4	1,389.81	1/4	1,733.76	1/4	2,071.84	1/4	2,415.72	1/4	2,759.60	1/4	3,103.34
1/2	29.03	1/2	365.61	1/2	709.54	1/2	1,053.06	1/2	1,396.98	1/2	1,740.92	1/2	2,079.00	1/2	2,422.88	1/2	2,766.77	1/2	3,110.50
3/4	33.95	3/4	372.77	3/4	716.71	3/4	1,060.22	3/4	1,404.14	3/4	1,748.09	3/4	2,086.17	3/4	2,430.05	3/4	2,773.93	3/4	3,117.66
1	38.88	1	379.94	1	723.87	1	1,067.38	1	1,411.31	1	1,755.25	1	2,093.33	1	2,437.21	1	2,781.09	1	3,124.82
1/4	45.36	1/4	387.10	1/4	731.04	1/4	1,074.54	1/4	1,418.47	1/4	1,762.42	1/4	2,100.49	1/4	2,444.38	1/4	2,788.26	1/4	3,131.98
1/2	51.85	1/2	394.27	1/2	738.20	1/2	1,081.70	1/2	1,425.64	1/2	1,769.58	1/2	2,107.66	1/2	2,451.54	1/2	2,795.42	1/2	3,139.14
3/4	58.33	3/4	401.43	3/4	745.37	3/4	1,088.87	3/4	1,432.81	3/4	1,776.75	3/4	2,114.82	3/4	2,458.70	3/4	2,802.59	3/4	3,146.30
2	64.81	2	408.60	2	752.53	2	1,096.03	2	1,439.97	2	1,783.92	2	2,121.99	2	2,465.87	2	2,809.75	2	3,153.46
1/4	71.95	1/4	415.76	1/4	759.70	1/4	1,103.19	1/4	1,447.14	1/4	1,791.08	1/4	2,129.15	1/4	2,473.03	1/4	2,816.91	1/4	3,160.62
1/2	79.09	1/2	422.93	1/2	766.86	1/2	1,110.36	1/2	1,454.30	1/2	1,798.25	1/2	2,136.32	1/2	2,480.20	1/2	2,824.08	1/2	3,167.78
3/4	86.22	3/4	430.09	3/4	774.03	3/4	1,117.52	3/4	1,461.47	3/4	1,805.41	3/4	2,143.48	3/4	2,487.36	3/4	2,831.24	3/4	3,174.94
3	93.36	3	437.26	3	781.19	3	1,124.69	3	1,468.63	3	1,812.58	3	2,150.64	3	2,494.53	3	2,838.41	3	3,182.10
1/4	100.52	1/4	444.42	1/4	788.36	1/4	1,131.85	1/4	1,475.80	1/4	1,819.74	1/4	2,157.81	1/4	2,501.69	1/4	2,845.57	1/4	3,189.26
1/2	107.67	1/2	451.59	1/2	795.52	1/2	1,139.02	1/2	1,482.96	1/2	1,826.90	1/2	2,164.97	1/2	2,508.85	1/2	2,852.73	1/2	3,196.42
3/4	114.83	3/4	458.76	3/4	802.69	3/4	1,146.19	3/4	1,490.13	3/4	1,834.06	3/4	2,172.14	3/4	2,516.02	3/4	2,859.89	3/4	3,203.58
4	121.99	4	465.92	4	809.85	4	1,153.35	4	1,497.30	4	1,841.21	4	2,179.30	4	2,523.18	4	2,867.05	4	3,210.74
1/4	129.15	1/4	473.09	1/4	817.00	1/4	1,160.52	1/4	1,504.46	1/4	1,848.34	1/4	2,186.46	1/4	2,530.35	1/4	2,874.21	1/4	3,217.90
1/2	136.32	1/2	480.25	1/2	824.15	1/2	1,167.68	1/2	1,511.63	1/2	1,855.47	1/2	2,193.63	1/2	2,537.51	1/2	2,881.37	1/2	3,225.06
3/4	143.48	3/4	487.42	3/4	831.31	3/4	1,174.85	3/4	1,518.79	3/4	1,862.60	3/4	2,200.79	3/4	2,544.67	3/4	2,888.53	3/4	3,232.22
5	150.65	5	494.58	5	838.46	5	1,182.01	5	1,525.96	5	1,869.73	5	2,207.96	5	2,551.84	5	2,895.69	5	3,239.38
1/4	157.81	1/4	501.75	1/4	845.61	1/4	1,189.18	1/4	1,533.12	1/4	1,876.86	1/4	2,215.12	1/4	2,559.00	1/4	2,902.85	1/4	3,246.54
1/2	164.98	1/2	508.91	1/2	852.77	1/2	1,196.34	1/2	1,540.29	1/2	1,883.99	1/2	2,222.29	1/2	2,566.17	1/2	2,910.02	1/2	3,253.70
3/4	172.14	3/4	516.08	3/4	859.92	3/4	1,203.51	3/4	1,547.45	3/4	1,891.12	3/4	2,229.45	3/4	2,573.33	3/4	2,917.18	3/4	3,260.86
6	179.31	6	523.24	6	867.07	6	1,210.68	6	1,554.62	6	1,898.26	6	2,236.61	6	2,580.50	6	2,924.34	6	3,268.03
1/4	186.47	1/4	530.41	1/4	874.22	1/4	1,217.84	1/4	1,561.78	1/4	1,905.22	1/4	2,243.78	1/4	2,587.66	1/4	2,931.50	1/4	3,275.19
1/2	193.64	1/2	537.57	1/2	881.38	1/2	1,225.01	1/2	1,568.95	1/2	1,912.19	1/2	2,250.94	1/2	2,594.82	1/2	2,938.66	1/2	3,282.35
3/4	200.80	3/4	544.74	3/4	888.53	3/4	1,232.17	3/4	1,576.12	3/4	1,919.16	3/4	2,258.11	3/4	2,601.99	3/4	2,945.82	3/4	3,289.51
7	207.97	7	551.90	7	895.68	7	1,239.34	7	1,583.28	7	1,926.13	7	2,265.27	7	2,609.15	7	2,952.98	7	3,296.67
1/4	215.14	1/4	559.07	1/4	902.83	1/4	1,246.50	1/4	1,590.45	1/4	1,932.62	1/4	2,272.44	1/4	2,616.32	1/4	2,960.14	1/4	3,303.83
1/2	222.30	1/2	566.23	1/2	909.99	1/2	1,253.67	1/2	1,597.61	1/2	1,939.11	1/2	2,279.60	1/2	2,623.48	1/2	2,967.30	1/2	3,310.99
3/4	229.47	3/4	573.40	3/4	917.14	3/4	1,260.83	3/4	1,604.78	3/4	1,945.59	3/4	2,286.76	3/4	2,630.65	3/4	2,974.46	3/4	3,318.15
8	236.63	8	580.57	8	924.29	8	1,268.00	8	1,611.94	8	1,952.08	8	2,293.93	8	2,637.81	8	2,981.62	8	3,325.31
1/4	243.80	1/4	587.73	1/4	931.44	1/4	1,275.16	1/4	1,619.11	1/4	1,958.73	1/4	2,301.09	1/4	2,644.97	1/4	2,988.78	1/4	3,332.47
1/2	250.96	1/2	594.90	1/2	938.60	1/2	1,282.33	1/2	1,626.27	1/2	1,965.39	1/2	2,308.26	1/2	2,652.14	1/2	2,995.94	1/2	3,339.63
3/4	258.13	3/4	602.06	3/4	945.75	3/4	1,289.50	3/4	1,633.44	3/4	1,972.05	3/4	2,315.42	3/4	2,659.30	3/4	3,003.10	3/4	3,346.79
9	265.29	9	609.23	9	952.90	9	1,296.66	9	1,640.61	9	1,978.70	9	2,322.58	9	2,666.47	9	3,010.26	9	3,353.95
1/4	272.46	1/4	616.39	1/4	960.06	1/4	1,303.83	1/4	1,647.77	1/4	1,985.87	1/4	2,329.75	1/4	2,673.63	1/4	3,017.42	1/4	3,361.11
1/2	279.62	1/2	623.56	1/2	967.21	1/2	1,310.99	1/2	1,654.94	1/2	1,993.03	1/2	2,336.91	1/2	2,680.79	1/2	3,024.58	1/2	3,368.27
3/4	286.79	3/4	630.72	3/4	974.36	3/4	1,318.16	3/4	1,662.10	3/4	2,000.20	3/4	2,344.08	3/4	2,687.96	3/4	3,031.74	3/4	3,375.43
10	293.95	10	637.89	10	981.51	10	1,325.32	10	1,669.27	10	2,007.36	10	2,351.24	10	2,695.12	10	3,038.90	10	3,382.59
1/4	301.12	1/4	645.05	1/4	988.67	1/4	1,332.49	1/4	1,676.43	1/4	2,014.52	1/4	2,358.41	1/4	2,702.29	1/4	3,046.06	1/4	3,389.75
1/2	308.28	1/2	652.22	1/2	995.82	1/2	1,339.65	1/2	1,683.60	1/2	2,021.69	1/2	2,365.57	1/2	2,709.45	1/2	3,053.22	1/2	3,396.91
3/4	315.45	3/4	659.38	3/4	1,002.97	3/4	1,346.82	3/4	1,690.76	3/4	2,028.85	3/4	2,372.73	3/4	2,716.62	3/4	3,060.38	3/4	3,404.07
11	322.61	11	666.55	11	1,010.12	11	1,353.99	11	1,697.93	11	2,036.02	11	2,379.90	11	2,723.78	11	3,067.54	11	3,411.23
1/4	329.78	1/4	673.71	1/4	1,017.28	1/4	1,361.15	1/4	1,705.09	1/4	2,043.18	1/4	2,387.06	1/4	2,730.94	1/4	3,074.70	1/4	3,418.39
1/2	336.95	1/2	680.88	1/2	1,024.43	1/2	1,368.32	1/2	1,712.26	1/2	2,050.35	1/2	2,394.23	1/2	2,738.11	1/2	3,081.86	1/2	3,425.55
3/4	344.11	3/4	688.04	3/4	1,031.59	3/4	1,375.48	3/4	1,719.43	3/4	2,057.51	3/4	2,401.39	3/4	2,745.27	3/4	3,089.02	3/4	3,432.71

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "CTCo 342"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-3 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	3,439.87	0	3,783.56	0	4,124.78	0	4,448.61	0	4,760.31	0		0		0		0		0	
1/4	3,447.03	1/4	3,790.72	1/4	4,131.73	1/4	4,455.14	1/4	4,767.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,454.19	1/2	3,797.88	1/2	4,138.67	1/2	4,461.66	1/2	4,774.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,461.35	3/4	3,805.04	3/4	4,145.61	3/4	4,468.19	3/4	4,781.62	3/4		3/4		3/4		3/4		3/4	
1	3,468.51	1	3,812.20	1	4,152.56	1	4,474.71	1	4,788.73	1		1		1		1		1	
1/4	3,475.67	1/4	3,819.36	1/4	4,159.47	1/4	4,481.20	1/4	4,795.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,482.83	1/2	3,826.52	1/2	4,166.38	1/2	4,487.68	1/2	4,802.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,489.99	3/4	3,833.68	3/4	4,173.29	3/4	4,494.17	3/4	4,809.50	3/4		3/4		3/4		3/4		3/4	
2	3,497.15	2	3,840.84	2	4,180.20	2	4,500.65	2	4,816.42	2		2		2		2		2	
1/4	3,504.31	1/4	3,848.00	1/4	4,187.07	1/4	4,507.07	1/4	4,822.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,511.47	1/2	3,855.16	1/2	4,193.95	1/2	4,513.50	1/2	4,828.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,518.63	3/4	3,862.32	3/4	4,200.82	3/4	4,519.92	3/4	4,834.51	3/4		3/4		3/4		3/4		3/4	
3	3,525.79	3	3,869.48	3	4,207.70	3	4,526.34	3	4,840.53	3		3		3		3		3	
1/4	3,532.95	1/4	3,876.64	1/4	4,214.52	1/4	4,532.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,540.11	1/2	3,883.80	1/2	4,221.34	1/2	4,539.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,547.27	3/4	3,890.96	3/4	4,228.17	3/4	4,545.51	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,554.43	4	3,898.12	4	4,234.99	4	4,551.90	4		4		4		4		4		4	
1/4	3,561.59	1/4	3,905.28	1/4	4,241.78	1/4	4,558.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,568.75	1/2	3,912.44	1/2	4,248.57	1/2	4,564.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,575.91	3/4	3,919.60	3/4	4,255.35	3/4	4,570.98	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,583.07	5	3,926.76	5	4,262.14	5	4,577.34	5		5		5		5		5		5	
1/4	3,590.23	1/4	3,933.92	1/4	4,268.90	1/4	4,583.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,597.39	1/2	3,941.07	1/2	4,275.65	1/2	4,590.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,604.55	3/4	3,948.23	3/4	4,282.41	3/4	4,596.32	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,611.71	6	3,955.38	6	4,289.16	6	4,602.65	6		6		6		6		6		6	
1/4	3,618.87	1/4	3,962.52	1/4	4,295.88	1/4	4,608.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,626.04	1/2	3,969.66	1/2	4,302.61	1/2	4,615.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,633.20	3/4	3,976.80	3/4	4,309.33	3/4	4,621.53	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,640.36	7	3,983.94	7	4,316.05	7	4,627.83	7		7		7		7		7		7	
1/4	3,647.52	1/4	3,991.05	1/4	4,322.74	1/4	4,634.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.68	1/2	3,998.16	1/2	4,329.44	1/2	4,640.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,661.84	3/4	4,005.27	3/4	4,336.13	3/4	4,646.60	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,669.00	8	4,012.38	8	4,342.82	8	4,652.86	8		8		8		8		8		8	
1/4	3,676.16	1/4	4,019.46	1/4	4,349.48	1/4	4,659.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,683.32	1/2	4,026.53	1/2	4,356.14	1/2	4,665.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.48	3/4	4,033.61	3/4	4,362.80	3/4	4,671.54	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,697.64	9	4,040.69	9	4,369.46	9	4,677.77	9		9		9		9		9		9	
1/4	3,704.80	1/4	4,047.73	1/4	4,376.09	1/4	4,684.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.96	1/2	4,054.78	1/2	4,382.72	1/2	4,690.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,719.12	3/4	4,061.82	3/4	4,389.34	3/4	4,697.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,726.28	10	4,068.86	10	4,395.97	10	4,703.49	10		10		10		10		10		10	
1/4	3,733.44	1/4	4,075.87	1/4	4,402.57	1/4	4,710.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.60	1/2	4,082.88	1/2	4,409.17	1/2	4,717.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,747.76	3/4	4,089.88	3/4	4,415.76	3/4	4,724.80	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,754.92	11	4,096.89	11	4,422.36	11	4,731.90	11		11		11		11		11		11	
1/4	3,762.08	1/4	4,103.86	1/4	4,428.92	1/4	4,739.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,769.24	1/2	4,110.84	1/2	4,435.49	1/2	4,746.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.40	3/4	4,117.81	3/4	4,442.05	3/4	4,753.21	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/2015 CL  
CALCULATED: 10/03/2015 CL  
PRINTED: 10/04/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

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



# BARGE "CTCo 342"

# 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.31	0	372.02	0	736.11	0	1,092.51	0	1,453.18	0	1,817.10	0	2,172.73	0	2,534.40	0	2,897.99	0	3,261.39
1/4	25.53	1/4	379.60	1/4	743.69	1/4	1,099.87	1/4	1,460.77	1/4	1,824.68	1/4	2,180.25	1/4	2,541.98	1/4	2,905.57	1/4	3,268.96
1/2	30.75	1/2	387.18	1/2	751.28	1/2	1,107.23	1/2	1,468.35	1/2	1,832.26	1/2	2,187.76	1/2	2,549.56	1/2	2,913.14	1/2	3,276.53
3/4	35.98	3/4	394.77	3/4	758.87	3/4	1,114.59	3/4	1,475.93	3/4	1,839.84	3/4	2,195.28	3/4	2,557.14	3/4	2,920.71	3/4	3,284.10
1	41.20	1	402.35	1	766.45	1	1,121.95	1	1,483.51	1	1,847.42	1	2,202.80	1	2,564.72	1	2,928.28	1	3,291.67
1/4	48.08	1/4	409.94	1/4	774.04	1/4	1,129.31	1/4	1,491.09	1/4	1,855.00	1/4	2,210.31	1/4	2,572.30	1/4	2,935.86	1/4	3,299.24
1/2	54.95	1/2	417.52	1/2	781.62	1/2	1,136.67	1/2	1,498.67	1/2	1,862.58	1/2	2,217.83	1/2	2,579.88	1/2	2,943.43	1/2	3,306.80
3/4	61.82	3/4	425.11	3/4	789.21	3/4	1,144.03	3/4	1,506.25	3/4	1,870.17	3/4	2,225.35	3/4	2,587.46	3/4	2,951.00	3/4	3,314.37
2	68.70	2	432.69	2	796.79	2	1,151.40	2	1,513.84	2	1,877.75	2	2,232.86	2	2,595.04	2	2,958.58	2	3,321.93
1/4	76.27	1/4	440.27	1/4	804.38	1/4	1,158.77	1/4	1,521.42	1/4	1,885.33	1/4	2,240.38	1/4	2,602.62	1/4	2,966.15	1/4	3,329.48
1/2	83.83	1/2	447.86	1/2	811.97	1/2	1,166.14	1/2	1,529.00	1/2	1,892.91	1/2	2,247.90	1/2	2,610.20	1/2	2,973.72	1/2	3,337.03
3/4	91.40	3/4	455.44	3/4	819.55	3/4	1,173.51	3/4	1,536.58	3/4	1,900.49	3/4	2,255.42	3/4	2,617.78	3/4	2,981.29	3/4	3,344.58
3	98.96	3	463.03	3	827.14	3	1,180.88	3	1,544.16	3	1,908.07	3	2,262.93	3	2,625.35	3	2,988.87	3	3,352.13
1/4	106.55	1/4	470.61	1/4	834.66	1/4	1,188.30	1/4	1,551.74	1/4	1,915.63	1/4	2,270.46	1/4	2,632.93	1/4	2,996.44	1/4	3,359.68
1/2	114.13	1/2	478.20	1/2	842.19	1/2	1,195.73	1/2	1,559.32	1/2	1,923.19	1/2	2,277.98	1/2	2,640.51	1/2	3,004.01	1/2	3,367.23
3/4	121.71	3/4	485.78	3/4	849.72	3/4	1,203.15	3/4	1,566.91	3/4	1,930.74	3/4	2,285.50	3/4	2,648.09	3/4	3,011.58	3/4	3,374.78
4	129.29	4	493.37	4	857.24	4	1,210.58	4	1,574.49	4	1,938.30	4	2,293.03	4	2,655.67	4	3,019.15	4	3,382.33
1/4	136.88	1/4	500.95	1/4	864.60	1/4	1,218.16	1/4	1,582.07	1/4	1,945.78	1/4	2,300.57	1/4	2,663.24	1/4	3,026.72	1/4	3,389.88
1/2	144.47	1/2	508.54	1/2	871.95	1/2	1,225.74	1/2	1,589.65	1/2	1,953.27	1/2	2,308.11	1/2	2,670.81	1/2	3,034.29	1/2	3,397.43
3/4	152.05	3/4	516.12	3/4	879.30	3/4	1,233.32	3/4	1,597.23	3/4	1,960.75	3/4	2,315.65	3/4	2,678.39	3/4	3,041.86	3/4	3,404.98
5	159.64	5	523.71	5	886.65	5	1,240.90	5	1,604.81	5	1,968.23	5	2,323.19	5	2,685.96	5	3,049.43	5	3,412.53
1/4	167.22	1/4	531.30	1/4	894.00	1/4	1,248.48	1/4	1,612.40	1/4	1,975.72	1/4	2,330.74	1/4	2,693.53	1/4	3,057.00	1/4	3,420.07
1/2	174.81	1/2	538.88	1/2	901.36	1/2	1,256.06	1/2	1,619.98	1/2	1,983.20	1/2	2,338.28	1/2	2,701.10	1/2	3,064.57	1/2	3,427.62
3/4	182.40	3/4	546.47	3/4	908.71	3/4	1,263.65	3/4	1,627.56	3/4	1,990.68	3/4	2,345.82	3/4	2,708.68	3/4	3,072.14	3/4	3,435.17
6	189.98	6	554.05	6	916.06	6	1,271.23	6	1,635.14	6	1,998.16	6	2,353.36	6	2,716.25	6	3,079.71	6	3,442.72
1/4	197.57	1/4	561.64	1/4	923.41	1/4	1,278.81	1/4	1,642.72	1/4	2,005.48	1/4	2,360.90	1/4	2,723.82	1/4	3,087.28	1/4	3,450.27
1/2	205.15	1/2	569.22	1/2	930.76	1/2	1,286.39	1/2	1,650.30	1/2	2,012.79	1/2	2,368.44	1/2	2,731.39	1/2	3,094.85	1/2	3,457.82
3/4	212.74	3/4	576.81	3/4	938.11	3/4	1,293.97	3/4	1,657.88	3/4	2,020.10	3/4	2,375.98	3/4	2,738.97	3/4	3,102.42	3/4	3,465.37
7	220.33	7	584.40	7	945.47	7	1,301.55	7	1,665.47	7	2,027.41	7	2,383.53	7	2,746.54	7	3,109.99	7	3,472.92
1/4	227.91	1/4	591.98	1/4	952.82	1/4	1,309.14	1/4	1,673.05	1/4	2,034.21	1/4	2,391.07	1/4	2,754.11	1/4	3,117.56	1/4	3,480.47
1/2	235.50	1/2	599.57	1/2	960.17	1/2	1,316.72	1/2	1,680.63	1/2	2,041.01	1/2	2,398.61	1/2	2,761.69	1/2	3,125.13	1/2	3,488.02
3/4	243.08	3/4	607.15	3/4	967.52	3/4	1,324.30	3/4	1,688.21	3/4	2,047.81	3/4	2,406.15	3/4	2,769.26	3/4	3,132.70	3/4	3,495.57
8	250.67	8	614.74	8	974.87	8	1,331.88	8	1,695.79	8	2,054.61	8	2,413.69	8	2,776.83	8	3,140.27	8	3,503.12
1/4	258.25	1/4	622.32	1/4	982.23	1/4	1,339.46	1/4	1,703.37	1/4	2,061.59	1/4	2,421.23	1/4	2,784.40	1/4	3,147.84	1/4	3,510.67
1/2	265.84	1/2	629.91	1/2	989.58	1/2	1,347.04	1/2	1,710.95	1/2	2,068.57	1/2	2,428.78	1/2	2,791.98	1/2	3,155.41	1/2	3,518.22
3/4	273.42	3/4	637.50	3/4	996.93	3/4	1,354.62	3/4	1,718.54	3/4	2,075.54	3/4	2,436.32	3/4	2,799.55	3/4	3,162.98	3/4	3,525.76
9	281.00	9	645.08	9	1,004.28	9	1,362.21	9	1,726.12	9	2,082.52	9	2,443.86	9	2,807.12	9	3,170.55	9	3,533.31
1/4	288.59	1/4	652.67	1/4	1,011.63	1/4	1,369.79	1/4	1,733.70	1/4	2,090.04	1/4	2,451.40	1/4	2,814.69	1/4	3,178.12	1/4	3,540.87
1/2	296.17	1/2	660.25	1/2	1,018.98	1/2	1,377.37	1/2	1,741.28	1/2	2,097.56	1/2	2,458.94	1/2	2,822.27	1/2	3,185.69	1/2	3,548.42
3/4	303.76	3/4	667.84	3/4	1,026.34	3/4	1,384.95	3/4	1,748.86	3/4	2,105.07	3/4	2,466.48	3/4	2,829.84	3/4	3,193.26	3/4	3,555.97
10	311.34	10	675.42	10	1,033.69	10	1,392.53	10	1,756.44	10	2,112.59	10	2,474.02	10	2,837.41	10	3,200.83	10	3,563.52
1/4	318.93	1/4	683.01	1/4	1,041.04	1/4	1,400.11	1/4	1,764.03	1/4	2,120.11	1/4	2,481.57	1/4	2,844.99	1/4	3,208.40	1/4	3,571.08
1/2	326.51	1/2	690.60	1/2	1,048.39	1/2	1,407.69	1/2	1,771.61	1/2	2,127.63	1/2	2,489.11	1/2	2,852.56	1/2	3,215.97	1/2	3,578.64
3/4	334.09	3/4	698.18	3/4	1,055.74	3/4	1,415.28	3/4	1,779.19	3/4	2,135.14	3/4	2,496.65	3/4	2,860.13	3/4	3,223.54	3/4	3,586.20
11	341.68	11	705.77	11	1,063.09	11	1,422.86	11	1,786.77	11	2,142.66	11	2,504.19	11	2,867.70	11	3,231.11	11	3,593.77
1/4	349.26	1/4	713.35	1/4	1,070.45	1/4	1,430.44	1/4	1,794.35	1/4	2,150.18	1/4	2,511.74	1/4	2,875.28	1/4	3,238.68	1/4	3,600.89
1/2	356.85	1/2	720.94	1/2	1,077.80	1/2	1,438.02	1/2	1,801.93	1/2	2,157.69	1/2	2,519.29	1/2	2,882.85	1/2	3,246.25	1/2	3,608.02
3/4	364.43	3/4	728.52	3/4	1,085.16	3/4	1,445.60	3/4	1,809.51	3/4	2,165.21	3/4	2,526.84	3/4	2,890.42	3/4	3,253.82	3/4	3,615.15

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 342"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,622.28	0	3,823.07	0	4,017.19	0	4,201.33	0	4,378.35	0		0		0		0		0	
1/4	3,627.67	1/4	3,827.14	1/4	4,021.14	1/4	4,205.04	1/4	4,382.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,633.06	1/2	3,831.22	1/2	4,025.09	1/2	4,208.75	1/2	4,386.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.46	3/4	3,835.29	3/4	4,029.04	3/4	4,212.46	3/4	4,390.45	3/4		3/4		3/4		3/4		3/4	
1	3,643.85	1	3,839.36	1	4,032.99	1	4,216.17	1	4,394.49	1		1		1		1		1	
1/4	3,647.92	1/4	3,843.44	1/4	4,036.92	1/4	4,219.85	1/4	4,398.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,652.00	1/2	3,847.51	1/2	4,040.85	1/2	4,223.54	1/2	4,402.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,656.07	3/4	3,851.58	3/4	4,044.78	3/4	4,227.22	3/4	4,406.03	3/4		3/4		3/4		3/4		3/4	
2	3,660.14	2	3,855.66	2	4,048.71	2	4,230.91	2	4,409.87	2		2		2		2		2	
1/4	3,664.22	1/4	3,859.73	1/4	4,052.62	1/4	4,234.55	1/4	4,412.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,668.29	1/2	3,863.80	1/2	4,056.53	1/2	4,238.20	1/2	4,415.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.36	3/4	3,867.88	3/4	4,060.44	3/4	4,241.85	3/4	4,418.56	3/4		3/4		3/4		3/4		3/4	
3	3,676.43	3	3,871.95	3	4,064.35	3	4,245.49	3	4,421.46	3		3		3		3		3	
1/4	3,680.51	1/4	3,876.02	1/4	4,068.23	1/4	4,249.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.58	1/2	3,880.09	1/2	4,072.11	1/2	4,252.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.65	3/4	3,884.17	3/4	4,075.99	3/4	4,256.38	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,692.73	4	3,888.24	4	4,079.87	4	4,260.01	4		4		4		4		4		4	
1/4	3,696.80	1/4	3,892.31	1/4	4,083.73	1/4	4,263.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.87	1/2	3,896.39	1/2	4,087.59	1/2	4,267.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,704.95	3/4	3,900.46	3/4	4,091.45	3/4	4,270.84	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,709.02	5	3,904.53	5	4,095.31	5	4,274.45	5		5		5		5		5		5	
1/4	3,713.09	1/4	3,908.61	1/4	4,099.15	1/4	4,278.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.17	1/2	3,912.68	1/2	4,102.99	1/2	4,281.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,721.24	3/4	3,916.75	3/4	4,106.83	3/4	4,285.23	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,725.31	6	3,920.82	6	4,110.67	6	4,288.82	6		6		6		6		6		6	
1/4	3,729.39	1/4	3,924.88	1/4	4,114.49	1/4	4,292.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,733.46	1/2	3,928.94	1/2	4,118.31	1/2	4,295.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.53	3/4	3,933.01	3/4	4,122.14	3/4	4,299.54	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,741.61	7	3,937.07	7	4,125.96	7	4,303.12	7		7		7		7		7		7	
1/4	3,745.68	1/4	3,941.11	1/4	4,129.76	1/4	4,306.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,749.75	1/2	3,945.16	1/2	4,133.57	1/2	4,310.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.83	3/4	3,949.20	3/4	4,137.37	3/4	4,313.77	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,757.90	8	3,953.24	8	4,141.18	8	4,317.33	8		8		8		8		8		8	
1/4	3,761.97	1/4	3,957.27	1/4	4,144.96	1/4	4,320.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.05	1/2	3,961.30	1/2	4,148.75	1/2	4,324.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.12	3/4	3,965.32	3/4	4,152.54	3/4	4,327.94	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,774.19	9	3,969.35	9	4,156.32	9	4,331.47	9		9		9		9		9		9	
1/4	3,778.26	1/4	3,973.36	1/4	4,160.09	1/4	4,335.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.34	1/2	3,977.36	1/2	4,163.86	1/2	4,338.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.41	3/4	3,981.37	3/4	4,167.63	3/4	4,342.43	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,790.48	10	3,985.38	10	4,171.40	10	4,346.08	10		10		10		10		10		10	
1/4	3,794.56	1/4	3,989.36	1/4	4,175.15	1/4	4,350.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.63	1/2	3,993.35	1/2	4,178.90	1/2	4,354.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,802.70	3/4	3,997.33	3/4	4,182.65	3/4	4,358.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,806.78	11	4,001.32	11	4,186.40	11	4,362.21	11		11		11		11		11		11	
1/4	3,810.85	1/4	4,005.29	1/4	4,190.13	1/4	4,366.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,814.92	1/2	4,009.25	1/2	4,193.86	1/2	4,370.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.00	3/4	4,013.22	3/4	4,197.60	3/4	4,374.32	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/2015 CL  
CALCULATED: 10/03/2015 CL  
PRINTED: 10/04/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

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



# BARGE "CTCo 342"

## 3 STBD

## INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 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	20.23	0	370.94	0	734.14	0	1,096.87	0	1,460.03	0	1,823.24	0	2,180.28	0	2,543.43	0	2,906.34	0	3,269.06
1/4	25.43	1/4	378.50	1/4	741.71	1/4	1,104.42	1/4	1,467.59	1/4	1,830.81	1/4	2,187.85	1/4	2,551.00	1/4	2,913.90	1/4	3,276.61
1/2	30.63	1/2	386.07	1/2	749.28	1/2	1,111.98	1/2	1,475.16	1/2	1,838.38	1/2	2,195.41	1/2	2,558.56	1/2	2,921.46	1/2	3,284.17
3/4	35.83	3/4	393.64	3/4	756.84	3/4	1,119.54	3/4	1,482.73	3/4	1,845.94	3/4	2,202.98	3/4	2,566.13	3/4	2,929.02	3/4	3,291.72
1	41.03	1	401.20	1	764.41	1	1,127.10	1	1,490.29	1	1,853.51	1	2,210.54	1	2,573.69	1	2,936.58	1	3,299.28
1/4	47.88	1/4	408.77	1/4	771.98	1/4	1,134.66	1/4	1,497.86	1/4	1,861.08	1/4	2,218.11	1/4	2,581.26	1/4	2,944.13	1/4	3,306.83
1/2	54.73	1/2	416.34	1/2	779.54	1/2	1,142.22	1/2	1,505.43	1/2	1,868.64	1/2	2,225.68	1/2	2,588.82	1/2	2,951.69	1/2	3,314.38
3/4	61.58	3/4	423.90	3/4	787.11	3/4	1,149.78	3/4	1,512.99	3/4	1,876.21	3/4	2,233.24	3/4	2,596.39	3/4	2,959.25	3/4	3,321.93
2	68.42	2	431.47	2	794.68	2	1,157.35	2	1,520.56	2	1,883.78	2	2,240.81	2	2,603.96	2	2,966.81	2	3,329.48
1/4	75.96	1/4	439.04	1/4	802.24	1/4	1,164.91	1/4	1,528.13	1/4	1,891.34	1/4	2,248.37	1/4	2,611.52	1/4	2,974.37	1/4	3,337.02
1/2	83.50	1/2	446.60	1/2	809.81	1/2	1,172.48	1/2	1,535.70	1/2	1,898.91	1/2	2,255.94	1/2	2,619.09	1/2	2,981.93	1/2	3,344.55
3/4	91.03	3/4	454.17	3/4	817.38	3/4	1,180.05	3/4	1,543.26	3/4	1,906.48	3/4	2,263.50	3/4	2,626.65	3/4	2,989.48	3/4	3,352.09
3	98.57	3	461.74	3	824.94	3	1,187.61	3	1,550.83	3	1,914.05	3	2,271.07	3	2,634.22	3	2,997.04	3	3,359.62
1/4	106.13	1/4	469.30	1/4	832.51	1/4	1,195.18	1/4	1,558.40	1/4	1,921.61	1/4	2,278.63	1/4	2,641.78	1/4	3,004.60	1/4	3,367.16
1/2	113.69	1/2	476.87	1/2	840.07	1/2	1,202.75	1/2	1,565.96	1/2	1,929.16	1/2	2,286.20	1/2	2,649.35	1/2	3,012.16	1/2	3,374.69
3/4	121.24	3/4	484.44	3/4	847.64	3/4	1,210.31	3/4	1,573.53	3/4	1,936.72	3/4	2,293.77	3/4	2,656.91	3/4	3,019.72	3/4	3,382.23
4	128.80	4	492.01	4	855.20	4	1,217.88	4	1,581.10	4	1,944.28	4	2,301.33	4	2,664.47	4	3,027.27	4	3,389.76
1/4	136.37	1/4	499.57	1/4	862.75	1/4	1,225.45	1/4	1,588.66	1/4	1,951.82	1/4	2,308.90	1/4	2,672.03	1/4	3,034.83	1/4	3,397.30
1/2	143.93	1/2	507.14	1/2	870.30	1/2	1,233.02	1/2	1,596.23	1/2	1,959.35	1/2	2,316.46	1/2	2,679.59	1/2	3,042.38	1/2	3,404.83
3/4	151.50	3/4	514.71	3/4	877.85	3/4	1,240.58	3/4	1,603.80	3/4	1,966.88	3/4	2,324.03	3/4	2,687.15	3/4	3,049.94	3/4	3,412.37
5	159.07	5	522.27	5	885.41	5	1,248.15	5	1,611.37	5	1,974.41	5	2,331.59	5	2,694.71	5	3,057.50	5	3,419.90
1/4	166.63	1/4	529.84	1/4	892.96	1/4	1,255.72	1/4	1,618.93	1/4	1,981.94	1/4	2,339.16	1/4	2,702.27	1/4	3,065.05	1/4	3,427.44
1/2	174.20	1/2	537.41	1/2	900.51	1/2	1,263.28	1/2	1,626.50	1/2	1,989.47	1/2	2,346.72	1/2	2,709.82	1/2	3,072.61	1/2	3,434.97
3/4	181.77	3/4	544.97	3/4	908.06	3/4	1,270.85	3/4	1,634.07	3/4	1,997.01	3/4	2,354.29	3/4	2,717.38	3/4	3,080.16	3/4	3,442.51
6	189.33	6	552.54	6	915.61	6	1,278.42	6	1,641.63	6	2,004.54	6	2,361.86	6	2,724.94	6	3,087.72	6	3,450.04
1/4	196.90	1/4	560.11	1/4	923.17	1/4	1,285.98	1/4	1,649.20	1/4	2,011.90	1/4	2,369.42	1/4	2,732.50	1/4	3,095.27	1/4	3,457.58
1/2	204.47	1/2	567.67	1/2	930.72	1/2	1,293.55	1/2	1,656.77	1/2	2,019.26	1/2	2,376.99	1/2	2,740.06	1/2	3,102.83	1/2	3,465.11
3/4	212.03	3/4	575.24	3/4	938.27	3/4	1,301.12	3/4	1,664.33	3/4	2,026.62	3/4	2,384.55	3/4	2,747.62	3/4	3,110.39	3/4	3,472.65
7	219.60	7	582.81	7	945.82	7	1,308.69	7	1,671.90	7	2,033.98	7	2,392.12	7	2,755.17	7	3,117.94	7	3,480.18
1/4	227.17	1/4	590.37	1/4	953.37	1/4	1,316.25	1/4	1,679.47	1/4	2,040.83	1/4	2,399.68	1/4	2,762.73	1/4	3,125.50	1/4	3,487.72
1/2	234.73	1/2	597.94	1/2	960.92	1/2	1,323.82	1/2	1,687.04	1/2	2,047.68	1/2	2,407.25	1/2	2,770.29	1/2	3,133.05	1/2	3,495.25
3/4	242.30	3/4	605.51	3/4	968.48	3/4	1,331.39	3/4	1,694.60	3/4	2,054.53	3/4	2,414.82	3/4	2,777.85	3/4	3,140.61	3/4	3,502.79
8	249.87	8	613.07	8	976.03	8	1,338.95	8	1,702.17	8	2,061.38	8	2,422.38	8	2,785.41	8	3,148.16	8	3,510.32
1/4	257.43	1/4	620.64	1/4	983.58	1/4	1,346.52	1/4	1,709.74	1/4	2,068.41	1/4	2,429.95	1/4	2,792.97	1/4	3,155.72	1/4	3,517.86
1/2	265.00	1/2	628.21	1/2	991.13	1/2	1,354.09	1/2	1,717.30	1/2	2,075.44	1/2	2,437.51	1/2	2,800.52	1/2	3,163.28	1/2	3,525.39
3/4	272.57	3/4	635.77	3/4	998.68	3/4	1,361.65	3/4	1,724.87	3/4	2,082.47	3/4	2,445.08	3/4	2,808.08	3/4	3,170.83	3/4	3,532.93
9	280.13	9	643.34	9	1,006.24	9	1,369.22	9	1,732.44	9	2,089.49	9	2,452.64	9	2,815.64	9	3,178.39	9	3,540.46
1/4	287.70	1/4	650.91	1/4	1,013.79	1/4	1,376.79	1/4	1,740.00	1/4	2,097.06	1/4	2,460.21	1/4	2,823.20	1/4	3,185.94	1/4	3,548.00
1/2	295.27	1/2	658.47	1/2	1,021.34	1/2	1,384.36	1/2	1,747.57	1/2	2,104.63	1/2	2,467.77	1/2	2,830.76	1/2	3,193.50	1/2	3,555.53
3/4	302.84	3/4	666.04	3/4	1,028.89	3/4	1,391.92	3/4	1,755.14	3/4	2,112.19	3/4	2,475.34	3/4	2,838.32	3/4	3,201.05	3/4	3,563.07
10	310.40	10	673.61	10	1,036.44	10	1,399.49	10	1,762.71	10	2,119.76	10	2,482.91	10	2,845.87	10	3,208.61	10	3,570.60
1/4	317.97	1/4	681.17	1/4	1,043.99	1/4	1,407.06	1/4	1,770.27	1/4	2,127.32	1/4	2,490.47	1/4	2,853.43	1/4	3,216.17	1/4	3,578.14
1/2	325.54	1/2	688.74	1/2	1,051.55	1/2	1,414.62	1/2	1,777.84	1/2	2,134.89	1/2	2,498.04	1/2	2,860.99	1/2	3,223.72	1/2	3,585.67
3/4	333.10	3/4	696.31	3/4	1,059.10	3/4	1,422.19	3/4	1,785.41	3/4	2,142.45	3/4	2,505.60	3/4	2,868.55	3/4	3,231.28	3/4	3,593.21
11	340.67	11	703.88	11	1,066.65	11	1,429.76	11	1,792.97	11	2,150.02	11	2,513.17	11	2,876.11	11	3,238.83	11	3,600.74
1/4	348.24	1/4	711.44	1/4	1,074.20	1/4	1,437.32	1/4	1,800.54	1/4	2,157.59	1/4	2,520.73	1/4	2,883.67	1/4	3,246.39	1/4	3,607.84
1/2	355.80	1/2	719.01	1/2	1,081.76	1/2	1,444.89	1/2	1,808.11	1/2	2,165.15	1/2	2,528.30	1/2	2,891.23	1/2	3,253.94	1/2	3,614.95
3/4	363.37	3/4	726.58	3/4	1,089.31	3/4	1,452.46	3/4	1,815.67	3/4	2,172.72	3/4	2,535.86	3/4	2,898.78	3/4	3,261.50	3/4	3,622.05

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CTCo 342"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-2 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	3,629.15	0	3,828.98	0	4,022.16	0	4,205.38	0	4,381.51	0		0		0		0		0	
1/4	3,634.52	1/4	3,833.03	1/4	4,026.09	1/4	4,209.07	1/4	4,385.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.89	1/2	3,837.08	1/2	4,030.02	1/2	4,212.76	1/2	4,389.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,645.26	3/4	3,841.14	3/4	4,033.95	3/4	4,216.45	3/4	4,393.56	3/4		3/4		3/4		3/4		3/4	
1	3,650.63	1	3,845.19	1	4,037.88	1	4,220.15	1	4,397.57	1		1		1		1		1	
1/4	3,654.68	1/4	3,849.24	1/4	4,041.79	1/4	4,223.81	1/4	4,401.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,658.73	1/2	3,853.30	1/2	4,045.70	1/2	4,227.48	1/2	4,405.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,662.79	3/4	3,857.35	3/4	4,049.61	3/4	4,231.15	3/4	4,409.05	3/4		3/4		3/4		3/4		3/4	
2	3,666.84	2	3,861.40	2	4,053.53	2	4,234.81	2	4,412.88	2		2		2		2		2	
1/4	3,670.90	1/4	3,865.46	1/4	4,057.42	1/4	4,238.44	1/4	4,415.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,674.95	1/2	3,869.51	1/2	4,061.31	1/2	4,242.07	1/2	4,418.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,679.00	3/4	3,873.57	3/4	4,065.20	3/4	4,245.70	3/4	4,421.52	3/4		3/4		3/4		3/4		3/4	
3	3,683.06	3	3,877.62	3	4,069.09	3	4,249.33	3	4,424.40	3		3		3		3		3	
1/4	3,687.11	1/4	3,881.67	1/4	4,072.95	1/4	4,252.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,691.16	1/2	3,885.73	1/2	4,076.81	1/2	4,256.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,695.22	3/4	3,889.78	3/4	4,080.67	3/4	4,260.16	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,699.27	4	3,893.83	4	4,084.53	4	4,263.77	4		4		4		4		4		4	
1/4	3,703.32	1/4	3,897.89	1/4	4,088.37	1/4	4,267.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,707.38	1/2	3,901.94	1/2	4,092.21	1/2	4,270.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,711.43	3/4	3,905.99	3/4	4,096.05	3/4	4,274.54	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,715.48	5	3,910.05	5	4,099.89	5	4,278.14	5		5		5		5		5		5	
1/4	3,719.54	1/4	3,914.10	1/4	4,103.71	1/4	4,281.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,723.59	1/2	3,918.15	1/2	4,107.53	1/2	4,285.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,727.64	3/4	3,922.20	3/4	4,111.35	3/4	4,288.86	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,731.70	6	3,926.26	6	4,115.18	6	4,292.43	6		6		6		6		6		6	
1/4	3,735.75	1/4	3,930.30	1/4	4,118.98	1/4	4,295.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.80	1/2	3,934.34	1/2	4,122.78	1/2	4,299.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.86	3/4	3,938.38	3/4	4,126.59	3/4	4,303.10	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,747.91	7	3,942.43	7	4,130.39	7	4,306.66	7		7		7		7		7		7	
1/4	3,751.96	1/4	3,946.45	1/4	4,134.18	1/4	4,310.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.02	1/2	3,950.48	1/2	4,137.96	1/2	4,313.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.07	3/4	3,954.50	3/4	4,141.75	3/4	4,317.26	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,764.12	8	3,958.52	8	4,145.53	8	4,320.79	8		8		8		8		8		8	
1/4	3,768.18	1/4	3,962.53	1/4	4,149.30	1/4	4,324.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,772.23	1/2	3,966.54	1/2	4,153.07	1/2	4,327.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.28	3/4	3,970.54	3/4	4,156.84	3/4	4,331.35	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,780.34	9	3,974.55	9	4,160.60	9	4,334.87	9		9		9		9		9		9	
1/4	3,784.39	1/4	3,978.54	1/4	4,164.35	1/4	4,338.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,788.44	1/2	3,982.52	1/2	4,168.10	1/2	4,342.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,792.50	3/4	3,986.51	3/4	4,171.85	3/4	4,345.77	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,796.55	10	3,990.50	10	4,175.60	10	4,349.40	10		10		10		10		10		10	
1/4	3,800.60	1/4	3,994.47	1/4	4,179.33	1/4	4,353.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.66	1/2	3,998.43	1/2	4,183.07	1/2	4,357.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,808.71	3/4	4,002.40	3/4	4,186.80	3/4	4,361.44	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,812.76	11	4,006.36	11	4,190.53	11	4,365.46	11		11		11		11		11		11	
1/4	3,816.82	1/4	4,010.31	1/4	4,194.24	1/4	4,369.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,820.87	1/2	4,014.26	1/2	4,197.96	1/2	4,373.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,824.92	3/4	4,018.21	3/4	4,201.67	3/4	4,377.50	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/2015 CL  
CALCULATED: 10/03/2015 CL  
PRINTED: 10/04/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

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