



BARGE "CTCo 355B"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
1 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
3 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4
3 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 275'-03"

January 6, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 355B"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11"

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	5,290.01	0	4,934.64	0	4,588.66	0	4,226.07	0	3,846.87	0	3,457.91	0	3,069.38	0	2,680.95	0	2,292.71	
1/4	1/4	5,284.44	1/4	4,927.59	1/4	4,581.26	1/4	4,218.32	1/4	3,838.78	1/4	3,449.82	1/4	3,061.29	1/4	2,672.87	1/4	2,284.61	
1/2	1/2	5,278.86	1/2	4,920.54	1/2	4,573.87	1/2	4,210.58	1/2	3,830.69	1/2	3,441.72	1/2	3,053.19	1/2	2,664.79	1/2	2,276.51	
3/4	3/4	5,273.29	3/4	4,913.49	3/4	4,566.47	3/4	4,202.84	3/4	3,822.61	3/4	3,433.62	3/4	3,045.10	3/4	2,656.71	3/4	2,268.41	
1	1	5,267.71	1	4,906.44	1	4,559.08	1	4,195.10	1	3,814.52	1	3,425.52	1	3,037.00	1	2,648.63	1	2,260.32	
1/4	1/4	5,260.11	1/4	4,899.37	1/4	4,551.65	1/4	4,187.33	1/4	3,806.41	1/4	3,417.43	1/4	3,028.91	1/4	2,640.55	1/4	2,252.22	
1/2	1/2	5,252.51	1/2	4,892.29	1/2	4,544.23	1/2	4,179.56	1/2	3,798.31	1/2	3,409.34	1/2	3,020.81	1/2	2,632.47	1/2	2,244.12	
3/4	3/4	5,244.91	3/4	4,885.21	3/4	4,536.80	3/4	4,171.79	3/4	3,790.20	3/4	3,401.24	3/4	3,012.72	3/4	2,624.39	3/4	2,236.02	
2	2	5,237.31	2	4,878.13	2	4,529.38	2	4,164.02	2	3,782.10	2	3,393.15	2	3,004.63	2	2,616.31	2	2,227.93	
1/4	1/4	5,229.20	1/4	4,871.02	1/4	4,521.92	1/4	4,156.22	1/4	3,773.99	1/4	3,385.05	1/4	2,996.53	1/4	2,608.23	1/4	2,219.83	
1/2	1/2	5,221.09	1/2	4,863.92	1/2	4,514.47	1/2	4,148.42	1/2	3,765.88	1/2	3,376.96	1/2	2,988.44	1/2	2,600.15	1/2	2,211.73	
3/4	3/4	5,212.98	3/4	4,856.81	3/4	4,507.02	3/4	4,140.62	3/4	3,757.77	3/4	3,368.86	3/4	2,980.34	3/4	2,592.07	3/4	2,203.64	
3	3	5,204.87	3	4,849.70	3	4,499.57	3	4,132.82	3	3,749.66	3	3,360.77	3	2,972.25	3	2,583.99	3	2,195.54	
1/4	1/4	5,196.76	1/4	4,842.57	1/4	4,492.08	1/4	4,125.00	1/4	3,741.55	1/4	3,352.68	1/4	2,964.15	1/4	2,575.91	1/4	2,187.44	
1/2	1/2	5,188.65	1/2	4,835.43	1/2	4,484.60	1/2	4,117.17	1/2	3,733.44	1/2	3,344.58	1/2	2,956.06	1/2	2,567.83	1/2	2,179.34	
3/4	3/4	5,180.54	3/4	4,828.29	3/4	4,477.12	3/4	4,109.34	3/4	3,725.33	3/4	3,336.49	3/4	2,947.97	3/4	2,559.74	3/4	2,171.25	
4	4	5,172.43	4	4,821.16	4	4,469.64	4	4,101.51	4	3,717.23	4	3,328.39	4	2,939.87	4	2,551.66	4	2,163.15	
1/4	1/4	5,164.32	1/4	4,813.99	1/4	4,462.13	1/4	4,093.66	1/4	3,709.12	1/4	3,320.30	1/4	2,931.78	1/4	2,543.58	1/4	2,155.05	
1/2	1/2	5,156.22	1/2	4,806.83	1/2	4,454.62	1/2	4,085.80	1/2	3,701.01	1/2	3,312.21	1/2	2,923.68	1/2	2,535.50	1/2	2,146.96	
3/4	3/4	5,148.11	3/4	4,799.66	3/4	4,447.11	3/4	4,077.94	3/4	3,692.90	3/4	3,304.11	3/4	2,915.59	3/4	2,527.42	3/4	2,138.86	
5	5	5,140.00	5	4,792.50	5	4,439.60	5	4,070.08	5	3,684.79	5	3,296.02	5	2,907.50	5	2,519.34	5	2,130.76	
1/4	1/4	5,131.89	1/4	4,785.31	1/4	4,432.06	1/4	4,062.20	1/4	3,676.68	1/4	3,287.92	1/4	2,899.40	1/4	2,511.26	1/4	2,122.66	
1/2	1/2	5,123.78	1/2	4,778.11	1/2	4,424.52	1/2	4,054.31	1/2	3,668.57	1/2	3,279.83	1/2	2,891.31	1/2	2,503.18	1/2	2,114.57	
3/4	3/4	5,115.67	3/4	4,770.92	3/4	4,416.98	3/4	4,046.43	3/4	3,660.46	3/4	3,271.73	3/4	2,883.21	3/4	2,495.10	3/4	2,106.47	
6	6	5,107.56	6	4,763.72	6	4,409.44	6	4,038.54	6	3,652.35	6	3,263.64	6	2,875.12	6	2,487.02	6	2,098.37	
1/4	1/4	5,099.45	1/4	4,756.50	1/4	4,401.87	1/4	4,030.63	1/4	3,644.24	1/4	3,255.55	1/4	2,867.02	1/4	2,478.93	1/4	2,090.28	
1/2	1/2	5,091.34	1/2	4,749.28	1/2	4,394.30	1/2	4,022.71	1/2	3,636.14	1/2	3,247.45	1/2	2,858.93	1/2	2,470.83	1/2	2,082.18	
3/4	3/4	5,083.23	3/4	4,742.06	3/4	4,386.73	3/4	4,014.80	3/4	3,628.03	3/4	3,239.36	3/4	2,850.84	3/4	2,462.74	3/4	2,074.08	
7	7	5,075.13	7	4,734.84	7	4,379.16	7	4,006.89	7	3,619.92	7	3,231.26	7	2,842.74	7	2,454.65	7	2,065.98	
1/4	1/4	5,067.91	1/4	4,727.58	1/4	4,371.57	1/4	3,998.94	1/4	3,611.81	1/4	3,223.17	1/4	2,834.65	1/4	2,446.55	1/4	2,057.89	
1/2	1/2	5,060.70	1/2	4,720.33	1/2	4,363.97	1/2	3,991.00	1/2	3,603.70	1/2	3,215.08	1/2	2,826.55	1/2	2,438.45	1/2	2,049.79	
3/4	3/4	5,053.49	3/4	4,713.08	3/4	4,356.37	3/4	3,983.06	3/4	3,595.59	3/4	3,206.98	3/4	2,818.46	3/4	2,430.36	3/4	2,041.69	
8	8	5,046.28	8	4,705.83	8	4,348.77	8	3,975.11	8	3,587.48	8	3,198.89	8	2,810.37	8	2,422.26	8	2,033.59	
1/4	1/4	5,039.34	1/4	4,698.55	1/4	4,341.15	1/4	3,967.14	1/4	3,579.38	1/4	3,190.79	1/4	2,802.27	1/4	2,414.16	1/4	2,025.50	
1/2	1/2	5,032.41	1/2	4,691.27	1/2	4,333.52	1/2	3,959.17	1/2	3,571.28	1/2	3,182.70	1/2	2,794.18	1/2	2,406.07	1/2	2,017.40	
3/4	3/4	5,025.48	3/4	4,683.99	3/4	4,325.90	3/4	3,951.20	3/4	3,563.18	3/4	3,174.60	3/4	2,786.08	3/4	2,397.97	3/4	2,009.30	
9	9	5,018.54	9	4,676.71	9	4,318.27	9	3,943.22	9	3,555.08	9	3,166.51	9	2,777.99	9	2,389.87	9	2,001.21	
1/4	1/4	5,011.58	1/4	4,669.40	1/4	4,310.62	1/4	3,935.22	1/4	3,546.98	1/4	3,158.42	1/4	2,769.89	1/4	2,381.77	1/4	1,993.11	
1/2	1/2	5,004.62	1/2	4,662.09	1/2	4,302.96	1/2	3,927.22	1/2	3,538.89	1/2	3,150.32	1/2	2,761.80	1/2	2,373.68	1/2	1,985.01	
3/4	3/4	4,997.65	3/4	4,654.78	3/4	4,295.31	3/4	3,919.22	3/4	3,530.79	3/4	3,142.23	3/4	2,753.71	3/4	2,365.58	3/4	1,976.91	
10	10	4,990.69	10	4,647.47	10	4,287.65	10	3,911.22	10	3,522.69	10	3,134.13	10	2,745.61	10	2,357.48	10	1,968.82	
1/4	1/4	4,983.70	1/4	4,640.14	1/4	4,279.97	1/4	3,903.19	1/4	3,514.59	1/4	3,126.04	1/4	2,737.53	1/4	2,349.39	1/4	1,960.72	
1/2	1/2	4,976.71	1/2	4,632.80	1/2	4,272.28	1/2	3,895.16	1/2	3,506.50	1/2	3,117.94	1/2	2,729.44	1/2	2,341.29	1/2	1,952.62	
3/4	3/4	4,969.71	3/4	4,625.46	3/4	4,264.60	3/4	3,887.13	3/4	3,498.40	3/4	3,109.85	3/4	2,721.36	3/4	2,333.19	3/4	1,944.53	
11	11	4,962.72	11	4,618.12	11	4,256.92	11	3,879.10	11	3,490.30	11	3,101.76	11	2,713.28	11	2,325.09	11	1,936.43	
1/4	1/4	4,955.70	1/4	4,610.76	1/4	4,249.20	1/4	3,871.04	1/4	3,482.21	1/4	3,093.66	1/4	2,705.20	1/4	2,317.00	1/4	1,928.37	
1/2	1/2	4,948.68	1/2	4,603.39	1/2	4,241.49	1/2	3,862.99	1/2	3,474.11	1/2	3,085.57	1/2	2,697.12	1/2	2,308.90	1/2	1,920.32	
3/4	3/4	4,941.66	3/4	4,596.02	3/4	4,233.78	3/4	3,854.93	3/4	3,466.01	3/4	3,077.47	3/4	2,689.03	3/4	2,300.80	3/4	1,912.26	

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD

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





BARGE "CTCo 355B"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11"

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	1,904.21	0	1,518.12	0	1,129.46	0	745.29	0	364.83	0		0		0		0		0	
1/4	1,896.17	1/4	1,510.03	1/4	1,121.36	1/4	737.46	1/4	356.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,888.13	1/2	1,501.93	1/2	1,113.26	1/2	729.63	1/2	348.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,880.09	3/4	1,493.83	3/4	1,105.17	3/4	721.80	3/4	340.54	3/4		3/4		3/4		3/4		3/4	
1	1,872.05	1	1,485.73	1	1,097.07	1	713.98	1	332.44	1		1		1		1		1	
1/4	1,864.01	1/4	1,477.64	1/4	1,088.97	1/4	706.15	1/4	324.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,855.97	1/2	1,469.54	1/2	1,080.87	1/2	698.32	1/2	316.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,847.93	3/4	1,461.44	3/4	1,072.78	3/4	690.49	3/4	308.15	3/4		3/4		3/4		3/4		3/4	
2	1,839.89	2	1,453.34	2	1,064.68	2	682.66	2	300.06	2		2		2		2		2	
1/4	1,831.85	1/4	1,445.25	1/4	1,056.58	1/4	674.83	1/4	291.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,823.81	1/2	1,437.15	1/2	1,048.48	1/2	667.01	1/2	283.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,815.77	3/4	1,429.05	3/4	1,040.39	3/4	659.18	3/4	275.77	3/4		3/4		3/4		3/4		3/4	
3	1,807.73	3	1,420.96	3	1,032.29	3	651.35	3	267.67	3		3		3		3		3	
1/4	1,799.69	1/4	1,412.86	1/4	1,024.19	1/4	643.52	1/4	259.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,791.65	1/2	1,404.76	1/2	1,016.10	1/2	635.69	1/2	251.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,783.61	3/4	1,396.66	3/4	1,008.00	3/4	627.86	3/4	243.38	3/4		3/4		3/4		3/4		3/4	
4	1,775.57	4	1,388.57	4	999.90	4	620.04	4	235.28	4		4		4		4		4	
1/4	1,767.53	1/4	1,380.47	1/4	991.80	1/4	612.21	1/4	227.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,759.49	1/2	1,372.37	1/2	983.71	1/2	604.38	1/2	219.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,751.45	3/4	1,364.28	3/4	975.61	3/4	596.55	3/4	210.99	3/4		3/4		3/4		3/4		3/4	
5	1,743.41	5	1,356.18	5	967.51	5	588.72	5	202.89	5		5		5		5		5	
1/4	1,735.37	1/4	1,348.08	1/4	959.42	1/4	580.89	1/4	194.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,727.33	1/2	1,339.98	1/2	951.32	1/2	573.05	1/2	186.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,719.29	3/4	1,331.89	3/4	943.22	3/4	565.22	3/4	178.60	3/4		3/4		3/4		3/4		3/4	
6	1,711.25	6	1,323.79	6	935.12	6	557.38	6	170.51	6		6		6		6		6	
1/4	1,703.21	1/4	1,315.69	1/4	927.03	1/4	549.54	1/4	162.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,695.17	1/2	1,307.60	1/2	918.93	1/2	541.70	1/2	154.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.13	3/4	1,299.50	3/4	910.83	3/4	533.86	3/4	146.22	3/4		3/4		3/4		3/4		3/4	
7	1,679.09	7	1,291.40	7	902.74	7	526.01	7	138.12	7		7		7		7		7	
1/4	1,671.05	1/4	1,283.30	1/4	894.73	1/4	518.07	1/4	130.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,663.01	1/2	1,275.21	1/2	886.73	1/2	510.14	1/2	121.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,654.97	3/4	1,267.11	3/4	878.73	3/4	502.20	3/4	113.83	3/4		3/4		3/4		3/4		3/4	
8	1,646.93	8	1,259.01	8	870.72	8	494.26	8	105.73	8		8		8		8		8	
1/4	1,638.89	1/4	1,250.91	1/4	862.85	1/4	486.19	1/4	97.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,630.85	1/2	1,242.82	1/2	854.99	1/2	478.13	1/2	89.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,622.81	3/4	1,234.72	3/4	847.12	3/4	470.06	3/4	81.44	3/4		3/4		3/4		3/4		3/4	
9	1,614.77	9	1,226.62	9	839.25	9	461.99	9	73.34	9		9		9		9		9	
1/4	1,606.73	1/4	1,218.53	1/4	831.42	1/4	453.90	1/4	66.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.69	1/2	1,210.43	1/2	823.58	1/2	445.80	1/2	58.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,590.65	3/4	1,202.33	3/4	815.75	3/4	437.70	3/4	51.33	3/4		3/4		3/4		3/4		3/4	
10	1,582.61	10	1,194.23	10	807.92	10	429.61	10	43.99	10		10		10		10		10	
1/4	1,574.57	1/4	1,186.14	1/4	800.09	1/4	421.51	1/4	38.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,566.53	1/2	1,178.04	1/2	792.27	1/2	413.41	1/2	32.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,558.49	3/4	1,169.94	3/4	784.44	3/4	405.32	3/4	27.27	3/4		3/4		3/4		3/4		3/4	
11	1,550.45	11	1,161.85	11	776.61	11	397.22	11	21.70	11		11		11		11		11	
1/4	1,542.37	1/4	1,153.75	1/4	768.78	1/4	389.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,534.29	1/2	1,145.65	1/2	760.95	1/2	381.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,526.20	3/4	1,137.55	3/4	753.12	3/4	372.93	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2015 CL
CALCULATED: 01/06/2015 CL
PRINTED: 01/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "CTCo 355B"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-10 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	0	5,276.88	0	4,922.68	0	4,579.53	0	4,218.74	0	3,840.29	0	3,451.76	0	3,063.58	0	2,675.00	0	2,286.07		
1/4	1/4	5,271.34	1/4	4,915.69	1/4	4,572.20	1/4	4,211.04	1/4	3,832.20	1/4	3,443.68	1/4	3,055.49	1/4	2,666.90	1/4	2,277.97		
1/2	1/2	5,265.80	1/2	4,908.70	1/2	4,564.86	1/2	4,203.34	1/2	3,824.12	1/2	3,435.60	1/2	3,047.39	1/2	2,658.79	1/2	2,269.87		
3/4	3/4	5,260.26	3/4	4,901.72	3/4	4,557.53	3/4	4,195.65	3/4	3,816.04	3/4	3,427.51	3/4	3,039.30	3/4	2,650.69	3/4	2,261.77		
1	1	5,252.70	1	4,894.70	1	4,550.17	1	4,187.92	1	3,807.94	1	3,419.43	1	3,031.21	1	2,642.59	1	2,253.66		
1/4	1/4	5,245.13	1/4	4,887.68	1/4	4,542.81	1/4	4,180.20	1/4	3,799.84	1/4	3,411.35	1/4	3,023.11	1/4	2,634.49	1/4	2,245.56		
1/2	1/2	5,237.57	1/2	4,880.67	1/2	4,535.45	1/2	4,172.47	1/2	3,791.73	1/2	3,403.27	1/2	3,015.02	1/2	2,626.38	1/2	2,237.46		
3/4	3/4	5,230.00	3/4	4,873.65	3/4	4,528.09	3/4	4,164.75	3/4	3,783.63	3/4	3,395.18	3/4	3,006.93	3/4	2,618.28	3/4	2,229.36		
2	2	5,221.93	2	4,866.61	2	4,520.70	2	4,156.99	2	3,775.53	2	3,387.10	2	2,998.83	2	2,610.18	2	2,221.25		
1/4	1/4	5,213.86	1/4	4,859.56	1/4	4,513.31	1/4	4,149.24	1/4	3,767.42	1/4	3,379.02	1/4	2,990.74	1/4	2,602.08	1/4	2,213.15		
1/2	1/2	5,205.79	1/2	4,852.52	1/2	4,505.92	1/2	4,141.49	1/2	3,759.32	1/2	3,370.93	1/2	2,982.65	1/2	2,593.97	1/2	2,205.05		
3/4	3/4	5,197.72	3/4	4,845.47	3/4	4,498.53	3/4	4,133.73	3/4	3,751.21	3/4	3,362.85	3/4	2,974.55	3/4	2,585.87	3/4	2,196.95		
3	3	5,189.65	3	4,838.40	3	4,491.10	3	4,125.94	3	3,743.11	3	3,354.77	3	2,966.46	3	2,577.77	3	2,188.84		
1/4	1/4	5,181.58	1/4	4,831.35	1/4	4,483.66	1/4	4,118.16	1/4	3,735.00	1/4	3,346.69	1/4	2,958.37	1/4	2,569.67	1/4	2,180.74		
1/2	1/2	5,173.51	1/2	4,824.25	1/2	4,476.22	1/2	4,110.37	1/2	3,726.89	1/2	3,338.60	1/2	2,950.28	1/2	2,561.56	1/2	2,172.64		
3/4	3/4	5,165.44	3/4	4,817.18	3/4	4,468.78	3/4	4,102.58	3/4	3,718.79	3/4	3,330.52	3/4	2,942.18	3/4	2,553.46	3/4	2,164.54		
4	4	5,157.39	4	4,810.08	4	4,461.30	4	4,094.76	4	3,710.69	4	3,322.44	4	2,934.09	4	2,545.36	4	2,156.43		
1/4	1/4	5,149.34	1/4	4,802.98	1/4	4,453.83	1/4	4,086.94	1/4	3,702.59	1/4	3,314.35	1/4	2,926.00	1/4	2,537.26	1/4	2,148.33		
1/2	1/2	5,141.29	1/2	4,795.87	1/2	4,446.36	1/2	4,079.12	1/2	3,694.50	1/2	3,306.27	1/2	2,917.90	1/2	2,529.15	1/2	2,140.23		
3/4	3/4	5,133.25	3/4	4,788.77	3/4	4,438.88	3/4	4,071.30	3/4	3,686.40	3/4	3,298.19	3/4	2,909.81	3/4	2,521.05	3/4	2,132.13		
5	5	5,125.20	5	4,781.64	5	4,431.38	5	4,063.45	5	3,678.30	5	3,290.11	5	2,901.72	5	2,512.95	5	2,124.02		
1/4	1/4	5,117.16	1/4	4,774.51	1/4	4,423.87	1/4	4,055.61	1/4	3,670.21	1/4	3,282.02	1/4	2,893.62	1/4	2,504.85	1/4	2,115.92		
1/2	1/2	5,109.12	1/2	4,767.38	1/2	4,416.37	1/2	4,047.76	1/2	3,662.11	1/2	3,273.94	1/2	2,885.53	1/2	2,496.74	1/2	2,107.82		
3/4	3/4	5,101.08	3/4	4,760.25	3/4	4,408.87	3/4	4,039.91	3/4	3,654.02	3/4	3,265.86	3/4	2,877.44	3/4	2,488.64	3/4	2,099.72		
6	6	5,093.03	6	4,753.10	6	4,401.34	6	4,032.01	6	3,645.92	6	3,257.78	6	2,869.34	6	2,480.54	6	2,091.61		
1/4	1/4	5,084.99	1/4	4,745.94	1/4	4,393.80	1/4	4,024.11	1/4	3,637.83	1/4	3,249.69	1/4	2,861.25	1/4	2,472.43	1/4	2,083.51		
1/2	1/2	5,076.95	1/2	4,738.79	1/2	4,386.27	1/2	4,016.21	1/2	3,629.73	1/2	3,241.61	1/2	2,853.16	1/2	2,464.33	1/2	2,075.41		
3/4	3/4	5,068.91	3/4	4,731.64	3/4	4,378.74	3/4	4,008.30	3/4	3,621.64	3/4	3,233.53	3/4	2,845.06	3/4	2,456.23	3/4	2,067.30		
7	7	5,061.76	7	4,724.46	7	4,371.18	7	4,000.36	7	3,613.54	7	3,225.44	7	2,836.97	7	2,448.13	7	2,059.20		
1/4	1/4	5,054.61	1/4	4,717.28	1/4	4,363.62	1/4	3,992.42	1/4	3,605.45	1/4	3,217.35	1/4	2,828.88	1/4	2,440.02	1/4	2,051.10		
1/2	1/2	5,047.46	1/2	4,710.10	1/2	4,356.06	1/2	3,984.49	1/2	3,597.35	1/2	3,209.25	1/2	2,820.78	1/2	2,431.92	1/2	2,043.00		
3/4	3/4	5,040.31	3/4	4,702.92	3/4	4,348.50	3/4	3,976.55	3/4	3,589.26	3/4	3,201.16	3/4	2,812.69	3/4	2,423.82	3/4	2,034.89		
8	8	5,033.44	8	4,695.71	8	4,340.91	8	3,968.58	8	3,581.16	8	3,193.07	8	2,804.60	8	2,415.72	8	2,026.81		
1/4	1/4	5,026.57	1/4	4,688.50	1/4	4,333.32	1/4	3,960.61	1/4	3,573.07	1/4	3,184.98	1/4	2,796.50	1/4	2,407.61	1/4	2,018.72		
1/2	1/2	5,019.69	1/2	4,681.29	1/2	4,325.73	1/2	3,952.64	1/2	3,564.98	1/2	3,176.88	1/2	2,788.41	1/2	2,399.51	1/2	2,010.64		
3/4	3/4	5,012.82	3/4	4,674.08	3/4	4,318.14	3/4	3,944.67	3/4	3,556.89	3/4	3,168.79	3/4	2,780.32	3/4	2,391.41	3/4	2,002.55		
9	9	5,005.92	9	4,666.84	9	4,310.52	9	3,936.68	9	3,548.79	9	3,160.70	9	2,772.22	9	2,383.31	9	1,994.48		
1/4	1/4	4,999.02	1/4	4,659.60	1/4	4,302.90	1/4	3,928.68	1/4	3,540.70	1/4	3,152.61	1/4	2,764.12	1/4	2,375.20	1/4	1,986.40		
1/2	1/2	4,992.12	1/2	4,652.37	1/2	4,295.28	1/2	3,920.68	1/2	3,532.61	1/2	3,144.51	1/2	2,756.02	1/2	2,367.10	1/2	1,978.32		
3/4	3/4	4,985.22	3/4	4,645.13	3/4	4,287.67	3/4	3,912.69	3/4	3,524.52	3/4	3,136.42	3/4	2,747.92	3/4	2,359.00	3/4	1,970.24		
10	10	4,978.29	10	4,637.86	10	4,280.03	10	3,904.66	10	3,516.43	10	3,128.33	10	2,739.82	10	2,350.90	10	1,962.16		
1/4	1/4	4,971.36	1/4	4,630.60	1/4	4,272.38	1/4	3,896.64	1/4	3,508.35	1/4	3,120.23	1/4	2,731.72	1/4	2,342.79	1/4	1,954.08		
1/2	1/2	4,964.43	1/2	4,623.33	1/2	4,264.74	1/2	3,888.61	1/2	3,500.26	1/2	3,112.14	1/2	2,723.62	1/2	2,334.69	1/2	1,946.00		
3/4	3/4	4,957.50	3/4	4,616.06	3/4	4,257.10	3/4	3,880.59	3/4	3,492.18	3/4	3,104.05	3/4	2,715.51	3/4	2,326.59	3/4	1,937.93		
11	11	4,950.54	11	4,608.76	11	4,249.44	11	3,872.53	11	3,484.09	11	3,095.95	11	2,707.41	11	2,318.49	11	1,929.85		
1/4	1/4	4,943.58	1/4	4,601.46	1/4	4,241.77	1/4	3,864.48	1/4	3,476.01	1/4	3,087.86	1/4	2,699.31	1/4	2,310.38	1/4	1,921.77		
1/2	1/2	4,936.62	1/2	4,594.16	1/2	4,234.10	1/2	3,856.42	1/2	3,467.93	1/2	3,079.77	1/2	2,691.20	1/2	2,302.28	1/2	1,913.69		
3/4	3/4	5,282.42	3/4	4,929.67	3/4	4,586.86	3/4	4,226.43	3/4	3,848.37	3/4	3,459.85	3/4	3,071.67	3/4	2,683.10	3/4	2,294.18	3/4	1,905.61

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CTCo 355B"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-10 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	1,897.53	0	1,509.43	0	1,120.66	0	737.06	0	357.01	0		0		0		0		0	
1/4	1,889.45	1/4	1,501.33	1/4	1,112.56	1/4	729.26	1/4	348.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,881.37	1/2	1,493.23	1/2	1,104.47	1/2	721.46	1/2	340.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,873.30	3/4	1,485.13	3/4	1,096.37	3/4	713.65	3/4	332.70	3/4		3/4		3/4		3/4		3/4	
1	1,865.22	1	1,477.03	1	1,088.27	1	705.85	1	324.59	1		1		1		1		1	
1/4	1,857.14	1/4	1,468.93	1/4	1,080.17	1/4	698.05	1/4	316.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,849.06	1/2	1,460.83	1/2	1,072.07	1/2	690.25	1/2	308.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,840.98	3/4	1,452.74	3/4	1,063.97	3/4	682.44	3/4	300.28	3/4		3/4		3/4		3/4		3/4	
2	1,832.90	2	1,444.64	2	1,055.87	2	674.64	2	292.17	2		2		2		2		2	
1/4	1,824.82	1/4	1,436.54	1/4	1,047.77	1/4	666.84	1/4	284.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,816.74	1/2	1,428.44	1/2	1,039.67	1/2	659.04	1/2	275.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,808.67	3/4	1,420.34	3/4	1,031.57	3/4	651.24	3/4	267.86	3/4		3/4		3/4		3/4		3/4	
3	1,800.59	3	1,412.24	3	1,023.47	3	643.43	3	259.75	3		3		3		3		3	
1/4	1,792.51	1/4	1,404.14	1/4	1,015.37	1/4	635.63	1/4	251.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,784.43	1/2	1,396.04	1/2	1,007.27	1/2	627.83	1/2	243.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,776.35	3/4	1,387.94	3/4	999.17	3/4	620.03	3/4	235.44	3/4		3/4		3/4		3/4		3/4	
4	1,768.27	4	1,379.84	4	991.07	4	612.22	4	227.33	4		4		4		4		4	
1/4	1,760.19	1/4	1,371.74	1/4	982.98	1/4	604.42	1/4	219.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,752.11	1/2	1,363.64	1/2	974.88	1/2	596.62	1/2	211.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,744.04	3/4	1,355.54	3/4	966.78	3/4	588.82	3/4	203.02	3/4		3/4		3/4		3/4		3/4	
5	1,735.96	5	1,347.44	5	958.68	5	581.01	5	194.92	5		5		5		5		5	
1/4	1,727.88	1/4	1,339.34	1/4	950.58	1/4	573.20	1/4	186.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,719.80	1/2	1,331.25	1/2	942.48	1/2	565.39	1/2	178.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,711.72	3/4	1,323.15	3/4	934.38	3/4	557.58	3/4	170.60	3/4		3/4		3/4		3/4		3/4	
6	1,703.64	6	1,315.05	6	926.28	6	549.77	6	162.50	6		6		6		6		6	
1/4	1,695.56	1/4	1,306.95	1/4	918.18	1/4	541.95	1/4	154.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,687.49	1/2	1,298.85	1/2	910.08	1/2	534.13	1/2	146.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,679.41	3/4	1,290.75	3/4	901.98	3/4	526.32	3/4	138.18	3/4		3/4		3/4		3/4		3/4	
7	1,671.33	7	1,282.65	7	893.98	7	518.40	7	130.08	7		7		7		7		7	
1/4	1,663.25	1/4	1,274.55	1/4	885.99	1/4	510.48	1/4	121.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,655.17	1/2	1,266.45	1/2	877.99	1/2	502.56	1/2	113.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,647.09	3/4	1,258.35	3/4	869.99	3/4	494.64	3/4	105.76	3/4		3/4		3/4		3/4		3/4	
8	1,639.00	8	1,250.25	8	862.13	8	486.57	8	97.66	8		8		8		8		8	
1/4	1,630.91	1/4	1,242.15	1/4	854.28	1/4	478.50	1/4	89.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,622.81	1/2	1,234.05	1/2	846.42	1/2	470.44	1/2	81.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,614.72	3/4	1,225.95	3/4	838.56	3/4	462.37	3/4	73.34	3/4		3/4		3/4		3/4		3/4	
9	1,606.62	9	1,217.86	9	830.75	9	454.27	9	66.00	9		9		9		9		9	
1/4	1,598.52	1/4	1,209.76	1/4	822.93	1/4	446.16	1/4	58.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,590.42	1/2	1,201.66	1/2	815.11	1/2	438.06	1/2	51.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,582.32	3/4	1,193.56	3/4	807.30	3/4	429.95	3/4	43.96	3/4		3/4		3/4		3/4		3/4	
10	1,574.22	10	1,185.46	10	799.49	10	421.85	10	38.39	10		10		10		10		10	
1/4	1,566.13	1/4	1,177.36	1/4	791.69	1/4	413.74	1/4	32.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,558.03	1/2	1,169.26	1/2	783.88	1/2	405.64	1/2	27.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,549.93	3/4	1,161.16	3/4	776.08	3/4	397.53	3/4	21.67	3/4		3/4		3/4		3/4		3/4	
11	1,541.83	11	1,153.06	11	768.27	11	389.43	11		11		11		11		11		11	
1/4	1,533.73	1/4	1,144.96	1/4	760.47	1/4	381.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,525.63	1/2	1,136.86	1/2	752.67	1/2	373.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,517.53	3/4	1,128.76	3/4	744.86	3/4	365.11	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2015 CL
CALCULATED: 01/06/2015 CL
PRINTED: 01/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "CTCo 355B"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-10 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	5,259.31	0	4,925.29	0	4,581.88	0	4,220.08	0	3,841.31	0	3,453.16	0	3,064.96	0	2,676.76	0	2,288.56		
1/4	1/4	5,254.23	1/4	4,918.42	1/4	4,574.55	1/4	4,212.37	1/4	3,833.24	1/4	3,445.07	1/4	3,056.87	1/4	2,668.67	1/4	2,280.47		
1/2	1/2	5,249.14	1/2	4,911.54	1/2	4,567.21	1/2	4,204.66	1/2	3,825.17	1/2	3,436.99	1/2	3,048.79	1/2	2,660.59	1/2	2,272.39		
3/4	3/4	5,242.03	3/4	4,904.52	3/4	4,559.85	3/4	4,196.92	3/4	3,817.09	3/4	3,428.90	3/4	3,040.70	3/4	2,652.50	3/4	2,264.30		
1	1	5,234.93	1	4,897.50	1	4,552.48	1	4,189.18	1	3,809.01	1	3,420.81	1	3,032.61	1	2,644.41	1	2,256.21		
1/4	1/4	5,227.82	1/4	4,890.48	1/4	4,545.12	1/4	4,181.44	1/4	3,800.92	1/4	3,412.72	1/4	3,024.52	1/4	2,636.32	1/4	2,248.12		
1/2	1/2	5,220.71	1/2	4,883.46	1/2	4,537.75	1/2	4,173.70	1/2	3,792.84	1/2	3,404.64	1/2	3,016.44	1/2	2,628.24	1/2	2,240.04		
3/4	3/4	5,213.10	3/4	4,876.41	3/4	4,530.36	3/4	4,165.93	3/4	3,784.75	3/4	3,396.55	3/4	3,008.35	3/4	2,620.15	3/4	2,231.95		
2	2	5,205.48	2	4,869.36	2	4,522.96	2	4,158.17	2	3,776.66	2	3,388.46	2	3,000.26	2	2,612.06	2	2,223.86		
1/4	1/4	5,197.87	1/4	4,862.31	1/4	4,515.57	1/4	4,150.40	1/4	3,768.57	1/4	3,380.37	1/4	2,992.17	1/4	2,603.97	1/4	2,215.77		
1/2	1/2	5,190.26	1/2	4,855.26	1/2	4,508.18	1/2	4,142.63	1/2	3,760.49	1/2	3,372.29	1/2	2,984.09	1/2	2,595.89	1/2	2,207.69		
3/4	3/4	5,182.64	3/4	4,848.19	3/4	4,500.72	3/4	4,134.83	3/4	3,752.40	3/4	3,364.20	3/4	2,976.00	3/4	2,587.80	3/4	2,199.60		
3	3	5,175.03	3	4,841.11	3	4,493.27	3	4,127.02	3	3,744.31	3	3,356.11	3	2,967.91	3	2,579.71	3	2,191.51		
1/4	1/4	5,167.41	1/4	4,834.03	1/4	4,485.82	1/4	4,119.22	1/4	3,736.22	1/4	3,348.02	1/4	2,959.82	1/4	2,571.62	1/4	2,183.42		
1/2	1/2	5,159.80	1/2	4,826.95	1/2	4,478.37	1/2	4,111.41	1/2	3,728.14	1/2	3,339.94	1/2	2,951.74	1/2	2,563.54	1/2	2,175.34		
3/4	3/4	5,152.22	3/4	4,819.85	3/4	4,470.87	3/4	4,103.58	3/4	3,720.05	3/4	3,331.85	3/4	2,943.65	3/4	2,555.45	3/4	2,167.25		
4	4	5,144.64	4	4,812.74	4	4,463.38	4	4,095.74	4	3,711.96	4	3,323.76	4	2,935.56	4	2,547.36	4	2,159.16		
1/4	1/4	5,137.05	1/4	4,805.64	1/4	4,455.89	1/4	4,087.90	1/4	3,703.87	1/4	3,315.67	1/4	2,927.47	1/4	2,539.27	1/4	2,151.07		
1/2	1/2	5,129.47	1/2	4,798.53	1/2	4,448.40	1/2	4,080.07	1/2	3,695.79	1/2	3,307.59	1/2	2,919.39	1/2	2,531.19	1/2	2,142.99		
3/4	3/4	5,121.90	3/4	4,791.39	3/4	4,440.88	3/4	4,072.20	3/4	3,687.70	3/4	3,299.50	3/4	2,911.30	3/4	2,523.10	3/4	2,134.90		
5	5	5,114.32	5	4,784.26	5	4,433.36	5	4,064.34	5	3,679.61	5	3,291.41	5	2,903.21	5	2,515.01	5	2,126.81		
1/4	1/4	5,106.75	1/4	4,777.12	1/4	4,425.84	1/4	4,056.47	1/4	3,671.52	1/4	3,283.32	1/4	2,895.12	1/4	2,506.92	1/4	2,118.72		
1/2	1/2	5,099.18	1/2	4,769.99	1/2	4,418.32	1/2	4,048.61	1/2	3,663.44	1/2	3,275.24	1/2	2,887.04	1/2	2,498.84	1/2	2,110.64		
3/4	3/4	5,091.60	3/4	4,762.83	3/4	4,410.77	3/4	4,040.71	3/4	3,655.35	3/4	3,267.15	3/4	2,878.95	3/4	2,490.75	3/4	2,102.55		
6	6	5,084.03	6	4,755.68	6	4,403.22	6	4,032.82	6	3,647.26	6	3,259.06	6	2,870.86	6	2,482.66	6	2,094.46		
1/4	1/4	5,076.46	1/4	4,748.52	1/4	4,395.67	1/4	4,024.93	1/4	3,639.17	1/4	3,250.97	1/4	2,862.77	1/4	2,474.57	1/4	2,086.37		
1/2	1/2	5,068.88	1/2	4,741.37	1/2	4,388.12	1/2	4,017.03	1/2	3,631.09	1/2	3,242.89	1/2	2,854.69	1/2	2,466.49	1/2	2,078.29		
3/4	3/4	5,062.20	3/4	4,734.18	3/4	4,380.55	3/4	4,009.11	3/4	3,623.00	3/4	3,234.80	3/4	2,846.60	3/4	2,458.40	3/4	2,070.20		
7	7	5,055.52	7	4,727.00	7	4,372.97	7	4,001.19	7	3,614.91	7	3,226.71	7	2,838.51	7	2,450.31	7	2,062.11		
1/4	1/4	5,048.85	1/4	4,719.82	1/4	4,365.39	1/4	3,993.27	1/4	3,606.82	1/4	3,218.62	1/4	2,830.42	1/4	2,442.22	1/4	2,054.02		
1/2	1/2	5,042.17	1/2	4,712.64	1/2	4,357.81	1/2	3,985.34	1/2	3,598.74	1/2	3,210.54	1/2	2,822.34	1/2	2,434.14	1/2	2,045.94		
3/4	3/4	5,035.76	3/4	4,705.43	3/4	4,350.21	3/4	3,977.39	3/4	3,590.65	3/4	3,202.45	3/4	2,814.25	3/4	2,426.05	3/4	2,037.85		
8	8	5,029.36	8	4,698.22	8	4,342.60	8	3,969.44	8	3,582.56	8	3,194.36	8	2,806.16	8	2,417.96	8	2,029.76		
1/4	1/4	5,022.96	1/4	4,691.01	1/4	4,334.99	1/4	3,961.49	1/4	3,574.47	1/4	3,186.27	1/4	2,798.07	1/4	2,409.87	1/4	2,021.67		
1/2	1/2	5,016.56	1/2	4,683.80	1/2	4,327.39	1/2	3,953.54	1/2	3,566.39	1/2	3,178.19	1/2	2,789.99	1/2	2,401.79	1/2	2,013.59		
3/4	3/4	5,010.12	3/4	4,676.56	3/4	4,319.75	3/4	3,945.56	3/4	3,558.30	3/4	3,170.10	3/4	2,781.90	3/4	2,393.70	3/4	2,005.50		
9	9	5,003.69	9	4,669.32	9	4,312.12	9	3,937.58	9	3,550.21	9	3,162.01	9	2,773.81	9	2,385.61	9	1,997.41		
1/4	1/4	4,997.26	1/4	4,662.08	1/4	4,304.48	1/4	3,929.60	1/4	3,542.12	1/4	3,153.92	1/4	2,765.72	1/4	2,377.52	1/4	1,989.32		
1/2	1/2	4,990.83	1/2	4,654.84	1/2	4,296.85	1/2	3,921.62	1/2	3,534.04	1/2	3,145.84	1/2	2,757.64	1/2	2,369.44	1/2	1,981.24		
3/4	3/4	4,984.37	3/4	4,647.58	3/4	4,289.19	3/4	3,913.61	3/4	3,525.95	3/4	3,137.75	3/4	2,749.55	3/4	2,361.35	3/4	1,973.15		
10	10	4,977.91	10	4,640.31	10	4,281.54	10	3,905.60	10	3,517.86	10	3,129.66	10	2,741.46	10	2,353.26	10	1,965.06		
1/4	1/4	4,971.45	1/4	4,633.04	1/4	4,273.88	1/4	3,897.60	1/4	3,509.77	1/4	3,121.57	1/4	2,733.37	1/4	2,345.17	1/4	1,956.97		
1/2	1/2	4,964.99	1/2	4,625.77	1/2	4,266.22	1/2	3,889.59	1/2	3,501.69	1/2	3,113.49	1/2	2,725.29	1/2	2,337.09	1/2	1,948.89		
3/4	3/4	4,958.50	3/4	4,618.47	3/4	4,258.54	3/4	3,881.55	3/4	3,493.60	3/4	3,105.40	3/4	2,717.20	3/4	2,329.00	3/4	1,940.80		
11	11	4,952.01	11	4,611.17	11	4,250.87	11	3,873.51	11	3,485.51	11	3,097.31	11	2,709.11	11	2,320.91	11	1,932.71		
1/4	1/4	4,945.52	1/4	4,603.86	1/4	4,243.18	1/4	3,865.48	1/4	3,477.42	1/4	3,089.22	1/4	2,701.02	1/4	2,312.82	1/4	1,924.62		
1/2	1/2	5,269.48	1/2	4,939.03	1/2	4,596.56	1/2	4,235.50	1/2	3,857.44	1/2	3,469.34	1/2	3,081.14	1/2	2,692.94	1/2	2,304.74	1/2	1,916.54
3/4	3/4	5,264.40	3/4	4,932.16	3/4	4,589.22	3/4	4,227.79	3/4	3,849.37	3/4	3,461.25	3/4	3,073.05	3/4	2,684.85	3/4	2,296.65	3/4	1,908.45

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD

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





BARGE "CTCo 355B"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-10 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	1,900.36	0	1,512.16	0	1,123.96	0	736.00	0	348.15	0		0		0		0		0	
1/4	1,892.27	1/4	1,504.07	1/4	1,115.87	1/4	727.93	1/4	340.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,884.19	1/2	1,495.99	1/2	1,107.79	1/2	719.86	1/2	331.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,876.10	3/4	1,487.90	3/4	1,099.70	3/4	711.79	3/4	323.89	3/4		3/4		3/4		3/4		3/4	
1	1,868.01	1	1,479.81	1	1,091.61	1	703.72	1	315.80	1		1		1		1		1	
1/4	1,859.92	1/4	1,471.72	1/4	1,083.52	1/4	695.65	1/4	307.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,851.84	1/2	1,463.64	1/2	1,075.44	1/2	687.58	1/2	299.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,843.75	3/4	1,455.55	3/4	1,067.35	3/4	679.50	3/4	291.54	3/4		3/4		3/4		3/4		3/4	
2	1,835.66	2	1,447.46	2	1,059.26	2	671.43	2	283.45	2		2		2		2		2	
1/4	1,827.57	1/4	1,439.37	1/4	1,051.17	1/4	663.36	1/4	275.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,819.49	1/2	1,431.29	1/2	1,043.09	1/2	655.29	1/2	267.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,811.40	3/4	1,423.20	3/4	1,035.00	3/4	647.22	3/4	259.19	3/4		3/4		3/4		3/4		3/4	
3	1,803.31	3	1,415.11	3	1,026.91	3	639.15	3	251.11	3		3		3		3		3	
1/4	1,795.22	1/4	1,407.02	1/4	1,018.82	1/4	631.08	1/4	243.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,787.14	1/2	1,398.94	1/2	1,010.74	1/2	623.01	1/2	234.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,779.05	3/4	1,390.85	3/4	1,002.65	3/4	614.94	3/4	226.84	3/4		3/4		3/4		3/4		3/4	
4	1,770.96	4	1,382.76	4	994.56	4	606.86	4	218.76	4		4		4		4		4	
1/4	1,762.87	1/4	1,374.67	1/4	986.47	1/4	598.79	1/4	210.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,754.79	1/2	1,366.59	1/2	978.39	1/2	590.72	1/2	202.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,746.70	3/4	1,358.50	3/4	970.30	3/4	582.64	3/4	194.50	3/4		3/4		3/4		3/4		3/4	
5	1,738.61	5	1,350.41	5	962.21	5	574.57	5	186.41	5		5		5		5		5	
1/4	1,730.52	1/4	1,342.32	1/4	954.12	1/4	566.49	1/4	178.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,722.44	1/2	1,334.24	1/2	946.04	1/2	558.41	1/2	170.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,714.35	3/4	1,326.15	3/4	937.95	3/4	550.33	3/4	162.15	3/4		3/4		3/4		3/4		3/4	
6	1,706.26	6	1,318.06	6	929.86	6	542.24	6	154.06	6		6		6		6		6	
1/4	1,698.17	1/4	1,309.97	1/4	921.77	1/4	534.16	1/4	145.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,690.09	1/2	1,301.89	1/2	913.69	1/2	526.07	1/2	137.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,682.00	3/4	1,293.80	3/4	905.60	3/4	517.98	3/4	129.80	3/4		3/4		3/4		3/4		3/4	
7	1,673.91	7	1,285.71	7	897.51	7	509.90	7	121.71	7		7		7		7		7	
1/4	1,665.82	1/4	1,277.62	1/4	889.42	1/4	501.81	1/4	113.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,657.74	1/2	1,269.54	1/2	881.34	1/2	493.72	1/2	105.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.65	3/4	1,261.45	3/4	873.26	3/4	485.63	3/4	97.45	3/4		3/4		3/4		3/4		3/4	
8	1,641.56	8	1,253.36	8	865.18	8	477.55	8	89.36	8		8		8		8		8	
1/4	1,633.47	1/4	1,245.27	1/4	857.09	1/4	469.46	1/4	81.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,625.39	1/2	1,237.19	1/2	849.01	1/2	461.37	1/2	73.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,617.30	3/4	1,229.10	3/4	840.94	3/4	453.29	3/4	65.86	3/4		3/4		3/4		3/4		3/4	
9	1,609.21	9	1,221.01	9	832.87	9	445.20	9	58.53	9		9		9		9		9	
1/4	1,601.12	1/4	1,212.92	1/4	824.79	1/4	437.11	1/4	51.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,593.04	1/2	1,204.84	1/2	816.72	1/2	429.02	1/2	43.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,584.95	3/4	1,196.75	3/4	808.65	3/4	420.94	3/4	38.31	3/4		3/4		3/4		3/4		3/4	
10	1,576.86	10	1,188.66	10	800.58	10	412.85	10	32.75	10		10		10		10		10	
1/4	1,568.77	1/4	1,180.57	1/4	792.50	1/4	404.76	1/4	27.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,560.69	1/2	1,172.49	1/2	784.43	1/2	396.68	1/2	21.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,552.60	3/4	1,164.40	3/4	776.36	3/4	388.59	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,544.51	11	1,156.31	11	768.29	11	380.50	11		11		11		11		11		11	
1/4	1,536.42	1/4	1,148.22	1/4	760.22	1/4	372.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,528.34	1/2	1,140.14	1/2	752.15	1/2	364.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,520.25	3/4	1,132.05	3/4	744.07	3/4	356.24	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2015 CL
CALCULATED: 01/06/2015 CL
PRINTED: 01/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "CTCo 355B"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11"

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	5,252.15	0	4,921.95	0	4,579.72	0	4,218.88	0	3,841.01	0	3,453.10	0	3,065.07	0	2,677.04	0	2,289.01	
1/4	1/4	5,247.07	1/4	4,915.08	1/4	4,572.39	1/4	4,211.18	1/4	3,832.95	1/4	3,445.01	1/4	3,056.98	1/4	2,668.96	1/4	2,280.93	
1/2	1/2	5,241.98	1/2	4,908.21	1/2	4,565.06	1/2	4,203.47	1/2	3,824.89	1/2	3,436.93	1/2	3,048.90	1/2	2,660.87	1/2	2,272.85	
3/4	3/4	5,236.90	3/4	4,901.34	3/4	4,557.73	3/4	4,195.76	3/4	3,816.83	3/4	3,428.84	3/4	3,040.82	3/4	2,652.79	3/4	2,264.76	
1	1	5,231.82	1	4,894.48	1	4,550.39	1	4,188.06	1	3,808.76	1	3,420.76	1	3,032.73	1	2,644.71	1	2,256.68	
1/4	1/4	5,224.72	1/4	4,887.46	1/4	4,543.03	1/4	4,180.32	1/4	3,800.69	1/4	3,412.68	1/4	3,024.65	1/4	2,636.62	1/4	2,248.59	
1/2	1/2	5,217.61	1/2	4,880.45	1/2	4,535.67	1/2	4,172.59	1/2	3,792.61	1/2	3,404.59	1/2	3,016.57	1/2	2,628.54	1/2	2,240.51	
3/4	3/4	5,210.51	3/4	4,873.43	3/4	4,528.31	3/4	4,164.85	3/4	3,784.53	3/4	3,396.51	3/4	3,008.48	3/4	2,620.45	3/4	2,232.43	
2	2	5,203.41	2	4,866.42	2	4,520.95	2	4,157.12	2	3,776.45	2	3,388.42	2	3,000.40	2	2,612.37	2	2,224.34	
1/4	1/4	5,195.80	1/4	4,859.37	1/4	4,513.56	1/4	4,149.36	1/4	3,768.37	1/4	3,380.34	1/4	2,992.31	1/4	2,604.29	1/4	2,216.26	
1/2	1/2	5,188.19	1/2	4,852.33	1/2	4,506.18	1/2	4,141.59	1/2	3,760.28	1/2	3,372.26	1/2	2,984.23	1/2	2,596.20	1/2	2,208.18	
3/4	3/4	5,180.58	3/4	4,845.29	3/4	4,498.79	3/4	4,133.83	3/4	3,752.20	3/4	3,364.17	3/4	2,976.15	3/4	2,588.12	3/4	2,200.09	
3	3	5,172.97	3	4,838.24	3	4,491.40	3	4,126.07	3	3,744.12	3	3,356.09	3	2,968.06	3	2,580.03	3	2,192.01	
1/4	1/4	5,165.36	1/4	4,831.17	1/4	4,483.95	1/4	4,118.27	1/4	3,736.03	1/4	3,348.01	1/4	2,959.98	1/4	2,571.95	1/4	2,183.92	
1/2	1/2	5,157.75	1/2	4,824.10	1/2	4,476.50	1/2	4,110.46	1/2	3,727.95	1/2	3,339.92	1/2	2,951.89	1/2	2,563.87	1/2	2,175.84	
3/4	3/4	5,150.14	3/4	4,817.03	3/4	4,469.05	3/4	4,102.66	3/4	3,719.86	3/4	3,331.84	3/4	2,943.81	3/4	2,555.78	3/4	2,167.76	
4	4	5,142.53	4	4,809.95	4	4,461.61	4	4,094.86	4	3,711.78	4	3,323.75	4	2,935.73	4	2,547.70	4	2,159.67	
1/4	1/4	5,134.95	1/4	4,802.85	1/4	4,454.12	1/4	4,087.03	1/4	3,703.70	1/4	3,315.67	1/4	2,927.64	1/4	2,539.62	1/4	2,151.59	
1/2	1/2	5,127.38	1/2	4,795.75	1/2	4,446.63	1/2	4,079.20	1/2	3,695.61	1/2	3,307.59	1/2	2,919.56	1/2	2,531.53	1/2	2,143.50	
3/4	3/4	5,119.80	3/4	4,788.65	3/4	4,439.15	3/4	4,071.37	3/4	3,687.53	3/4	3,299.50	3/4	2,911.47	3/4	2,523.45	3/4	2,135.42	
5	5	5,112.22	5	4,781.55	5	4,431.66	5	4,063.54	5	3,679.45	5	3,291.42	5	2,903.39	5	2,515.36	5	2,127.34	
1/4	1/4	5,104.65	1/4	4,774.42	1/4	4,424.14	1/4	4,055.67	1/4	3,671.36	1/4	3,283.33	1/4	2,895.31	1/4	2,507.28	1/4	2,119.25	
1/2	1/2	5,097.08	1/2	4,767.29	1/2	4,416.63	1/2	4,047.81	1/2	3,663.28	1/2	3,275.25	1/2	2,887.22	1/2	2,499.20	1/2	2,111.17	
3/4	3/4	5,089.51	3/4	4,760.16	3/4	4,409.11	3/4	4,039.95	3/4	3,655.19	3/4	3,267.17	3/4	2,879.14	3/4	2,491.11	3/4	2,103.08	
6	6	5,081.94	6	4,753.03	6	4,401.60	6	4,032.09	6	3,647.11	6	3,259.08	6	2,871.06	6	2,483.03	6	2,095.00	
1/4	1/4	5,074.37	1/4	4,745.88	1/4	4,394.05	1/4	4,024.20	1/4	3,639.03	1/4	3,251.00	1/4	2,862.97	1/4	2,474.94	1/4	2,086.92	
1/2	1/2	5,066.81	1/2	4,738.73	1/2	4,386.51	1/2	4,016.31	1/2	3,630.94	1/2	3,242.91	1/2	2,854.89	1/2	2,466.86	1/2	2,078.83	
3/4	3/4	5,059.24	3/4	4,731.58	3/4	4,378.96	3/4	4,008.42	3/4	3,622.86	3/4	3,234.83	3/4	2,846.80	3/4	2,458.78	3/4	2,070.75	
7	7	5,051.67	7	4,724.43	7	4,371.42	7	4,000.53	7	3,614.77	7	3,226.75	7	2,838.72	7	2,450.69	7	2,062.67	
1/4	1/4	5,045.00	1/4	4,717.25	1/4	4,363.85	1/4	3,992.61	1/4	3,606.69	1/4	3,218.66	1/4	2,830.64	1/4	2,442.61	1/4	2,054.58	
1/2	1/2	5,038.32	1/2	4,710.08	1/2	4,356.27	1/2	3,984.70	1/2	3,598.61	1/2	3,210.58	1/2	2,822.55	1/2	2,434.52	1/2	2,046.50	
3/4	3/4	5,031.65	3/4	4,702.90	3/4	4,348.70	3/4	3,976.78	3/4	3,590.52	3/4	3,202.50	3/4	2,814.47	3/4	2,426.44	3/4	2,038.41	
8	8	5,024.98	8	4,695.72	8	4,341.13	8	3,968.86	8	3,582.44	8	3,194.41	8	2,806.38	8	2,418.36	8	2,030.33	
1/4	1/4	5,018.58	1/4	4,688.52	1/4	4,333.52	1/4	3,960.91	1/4	3,574.35	1/4	3,186.33	1/4	2,798.30	1/4	2,410.27	1/4	2,022.25	
1/2	1/2	5,012.18	1/2	4,681.31	1/2	4,325.92	1/2	3,952.96	1/2	3,566.27	1/2	3,178.24	1/2	2,790.22	1/2	2,402.19	1/2	2,014.16	
3/4	3/4	5,005.79	3/4	4,674.11	3/4	4,318.32	3/4	3,945.02	3/4	3,558.19	3/4	3,170.16	3/4	2,782.13	3/4	2,394.10	3/4	2,006.08	
9	9	4,999.39	9	4,666.90	9	4,310.72	9	3,937.07	9	3,550.10	9	3,162.08	9	2,774.05	9	2,386.02	9	1,997.99	
1/4	1/4	4,992.97	1/4	4,659.67	1/4	4,303.09	1/4	3,929.09	1/4	3,542.02	1/4	3,153.99	1/4	2,765.96	1/4	2,377.94	1/4	1,989.91	
1/2	1/2	4,986.54	1/2	4,652.44	1/2	4,295.46	1/2	3,921.12	1/2	3,533.93	1/2	3,145.91	1/2	2,757.88	1/2	2,369.85	1/2	1,981.83	
3/4	3/4	4,980.12	3/4	4,645.20	3/4	4,287.83	3/4	3,913.14	3/4	3,525.85	3/4	3,137.82	3/4	2,749.80	3/4	2,361.77	3/4	1,973.74	
10	10	4,973.69	10	4,637.97	10	4,280.20	10	3,905.17	10	3,517.77	10	3,129.74	10	2,741.71	10	2,353.69	10	1,965.66	
1/4	1/4	4,967.24	1/4	4,630.71	1/4	4,272.54	1/4	3,897.16	1/4	3,509.68	1/4	3,121.66	1/4	2,733.63	1/4	2,345.60	1/4	1,957.57	
1/2	1/2	4,960.78	1/2	4,623.44	1/2	4,264.89	1/2	3,889.16	1/2	3,501.60	1/2	3,113.57	1/2	2,725.54	1/2	2,337.52	1/2	1,949.49	
3/4	3/4	4,954.33	3/4	4,616.18	3/4	4,257.24	3/4	3,881.15	3/4	3,493.52	3/4	3,105.49	3/4	2,717.46	3/4	2,329.43	3/4	1,941.41	
11	11	4,947.88	11	4,608.92	11	4,249.59	11	3,873.15	11	3,485.43	11	3,097.40	11	2,709.38	11	2,321.35	11	1,933.32	
1/4	1/4	4,941.39	1/4	4,601.62	1/4	4,241.91	1/4	3,865.11	1/4	3,477.35	1/4	3,089.32	1/4	2,701.29	1/4	2,313.27	1/4	1,925.24	
1/2	1/2	4,934.91	1/2	4,594.32	1/2	4,234.24	1/2	3,857.08	1/2	3,469.26	1/2	3,081.24	1/2	2,693.21	1/2	2,305.18	1/2	1,917.15	
3/4	3/4	4,928.43	3/4	4,587.02	3/4	4,226.56	3/4	3,849.05	3/4	3,461.18	3/4	3,073.15	3/4	2,685.13	3/4	2,297.10	3/4	1,909.07	

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CTCo 355B"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11"

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	1,900.99	0	1,512.96	0	1,124.93	0	742.32	0	364.17	0		0		0		0		0	
1/4	1,892.90	1/4	1,504.88	1/4	1,116.85	1/4	734.56	1/4	356.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,884.82	1/2	1,496.79	1/2	1,108.76	1/2	726.80	1/2	348.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,876.74	3/4	1,488.71	3/4	1,100.68	3/4	719.03	3/4	339.91	3/4		3/4		3/4		3/4		3/4	
1	1,868.65	1	1,480.62	1	1,092.60	1	711.27	1	331.83	1		1		1		1		1	
1/4	1,860.57	1/4	1,472.54	1/4	1,084.51	1/4	703.51	1/4	323.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,852.48	1/2	1,464.46	1/2	1,076.43	1/2	695.75	1/2	315.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,844.40	3/4	1,456.37	3/4	1,068.35	3/4	687.99	3/4	307.58	3/4		3/4		3/4		3/4		3/4	
2	1,836.32	2	1,448.29	2	1,060.26	2	680.23	2	299.50	2		2		2		2		2	
1/4	1,828.23	1/4	1,440.20	1/4	1,052.18	1/4	672.47	1/4	291.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,820.15	1/2	1,432.12	1/2	1,044.09	1/2	664.70	1/2	283.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,812.06	3/4	1,424.04	3/4	1,036.01	3/4	656.94	3/4	275.25	3/4		3/4		3/4		3/4		3/4	
3	1,803.98	3	1,415.95	3	1,027.93	3	649.18	3	267.16	3		3		3		3		3	
1/4	1,795.90	1/4	1,407.87	1/4	1,019.84	1/4	641.42	1/4	259.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,787.81	1/2	1,399.79	1/2	1,011.76	1/2	633.66	1/2	250.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,779.73	3/4	1,391.70	3/4	1,003.67	3/4	625.90	3/4	242.91	3/4		3/4		3/4		3/4		3/4	
4	1,771.64	4	1,383.62	4	995.59	4	618.14	4	234.83	4		4		4		4		4	
1/4	1,763.56	1/4	1,375.53	1/4	987.51	1/4	610.37	1/4	226.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,755.48	1/2	1,367.45	1/2	979.42	1/2	602.61	1/2	218.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,747.39	3/4	1,359.37	3/4	971.34	3/4	594.85	3/4	210.58	3/4		3/4		3/4		3/4		3/4	
5	1,739.31	5	1,351.28	5	963.25	5	587.09	5	202.49	5		5		5		5		5	
1/4	1,731.23	1/4	1,343.20	1/4	955.17	1/4	579.32	1/4	194.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,723.14	1/2	1,335.11	1/2	947.09	1/2	571.55	1/2	186.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,715.06	3/4	1,327.03	3/4	939.00	3/4	563.79	3/4	178.24	3/4		3/4		3/4		3/4		3/4	
6	1,706.97	6	1,318.95	6	930.92	6	556.02	6	170.16	6		6		6		6		6	
1/4	1,698.89	1/4	1,310.86	1/4	922.84	1/4	548.25	1/4	162.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,690.81	1/2	1,302.78	1/2	914.75	1/2	540.47	1/2	153.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,682.72	3/4	1,294.69	3/4	906.67	3/4	532.70	3/4	145.91	3/4		3/4		3/4		3/4		3/4	
7	1,674.64	7	1,286.61	7	898.58	7	524.92	7	137.82	7		7		7		7		7	
1/4	1,666.55	1/4	1,278.53	1/4	890.61	1/4	517.03	1/4	129.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,658.47	1/2	1,270.44	1/2	882.65	1/2	509.14	1/2	121.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,650.39	3/4	1,262.36	3/4	874.68	3/4	501.24	3/4	113.57	3/4		3/4		3/4		3/4		3/4	
8	1,642.30	8	1,254.28	8	866.71	8	493.35	8	105.49	8		8		8		8		8	
1/4	1,634.22	1/4	1,246.19	1/4	858.90	1/4	485.31	1/4	97.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,626.13	1/2	1,238.11	1/2	851.09	1/2	477.26	1/2	89.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,618.05	3/4	1,230.02	3/4	843.28	3/4	469.21	3/4	81.24	3/4		3/4		3/4		3/4		3/4	
9	1,609.97	9	1,221.94	9	835.47	9	461.17	9	73.16	9		9		9		9		9	
1/4	1,601.88	1/4	1,213.86	1/4	827.71	1/4	453.08	1/4	65.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,593.80	1/2	1,205.77	1/2	819.94	1/2	445.00	1/2	58.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,585.71	3/4	1,197.69	3/4	812.18	3/4	436.92	3/4	51.18	3/4		3/4		3/4		3/4		3/4	
10	1,577.63	10	1,189.60	10	804.41	10	428.83	10	43.85	10		10		10		10		10	
1/4	1,569.55	1/4	1,181.52	1/4	796.65	1/4	420.75	1/4	38.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,561.46	1/2	1,173.44	1/2	788.89	1/2	412.67	1/2	32.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,553.38	3/4	1,165.35	3/4	781.13	3/4	404.58	3/4	27.18	3/4		3/4		3/4		3/4		3/4	
11	1,545.30	11	1,157.27	11	773.37	11	396.50	11	21.62	11		11		11		11		11	
1/4	1,537.21	1/4	1,149.18	1/4	765.61	1/4	388.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,529.13	1/2	1,141.10	1/2	757.84	1/2	380.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,521.04	3/4	1,133.02	3/4	750.08	3/4	372.25	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2015 CL
CALCULATED: 01/06/2015 CL
PRINTED: 01/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "CTCo 355B"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-10 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	0	5,260.13	0	4,925.02	0	4,582.29	0	4,221.36	0	3,843.52	0	3,456.02	0	3,068.41	0	2,680.79	0	2,293.18		
1/4	1/4	5,254.99	1/4	4,918.13	1/4	4,574.96	1/4	4,213.66	1/4	3,835.47	1/4	3,447.95	1/4	3,060.33	1/4	2,672.72	1/4	2,285.10		
1/2	1/2	5,249.84	1/2	4,911.25	1/2	4,567.63	1/2	4,205.96	1/2	3,827.41	1/2	3,439.87	1/2	3,052.26	1/2	2,664.64	1/2	2,277.03		
3/4	3/4	5,244.69	3/4	4,904.37	3/4	4,560.30	3/4	4,198.27	3/4	3,819.36	3/4	3,431.79	3/4	3,044.18	3/4	2,656.57	3/4	2,268.95		
1	1	5,237.52	1	4,897.35	1	4,552.94	1	4,190.54	1	3,811.30	1	3,423.72	1	3,036.10	1	2,648.49	1	2,260.88		
1/4	1/4	5,230.36	1/4	4,890.34	1/4	4,545.58	1/4	4,182.81	1/4	3,803.23	1/4	3,415.64	1/4	3,028.03	1/4	2,640.42	1/4	2,252.80		
1/2	1/2	5,223.19	1/2	4,883.32	1/2	4,538.22	1/2	4,175.08	1/2	3,795.17	1/2	3,407.57	1/2	3,019.95	1/2	2,632.34	1/2	2,244.73		
3/4	3/4	5,216.03	3/4	4,876.31	3/4	4,530.86	3/4	4,167.35	3/4	3,787.11	3/4	3,399.49	3/4	3,011.88	3/4	2,624.26	3/4	2,236.65		
2	2	5,208.36	2	4,869.27	2	4,523.48	2	4,159.60	2	3,779.03	2	3,391.42	2	3,003.80	2	2,616.19	2	2,228.57		
1/4	1/4	5,200.69	1/4	4,862.22	1/4	4,516.09	1/4	4,151.84	1/4	3,770.96	1/4	3,383.34	1/4	2,995.73	1/4	2,608.11	1/4	2,220.50		
1/2	1/2	5,193.02	1/2	4,855.18	1/2	4,508.70	1/2	4,144.08	1/2	3,762.88	1/2	3,375.27	1/2	2,987.65	1/2	2,600.04	1/2	2,212.42		
3/4	3/4	5,185.35	3/4	4,848.14	3/4	4,501.31	3/4	4,136.33	3/4	3,754.81	3/4	3,367.19	3/4	2,979.58	3/4	2,591.96	3/4	2,204.35		
3	3	5,177.68	3	4,841.07	3	4,493.87	3	4,128.53	3	3,746.73	3	3,359.12	3	2,971.50	3	2,583.89	3	2,196.27		
1/4	1/4	5,170.01	1/4	4,834.00	1/4	4,486.43	1/4	4,120.74	1/4	3,738.66	1/4	3,351.04	1/4	2,963.43	1/4	2,575.81	1/4	2,188.20		
1/2	1/2	5,162.34	1/2	4,826.92	1/2	4,478.99	1/2	4,112.95	1/2	3,730.58	1/2	3,342.97	1/2	2,955.35	1/2	2,567.74	1/2	2,180.12		
3/4	3/4	5,154.67	3/4	4,819.85	3/4	4,471.55	3/4	4,105.15	3/4	3,722.51	3/4	3,334.89	3/4	2,947.28	3/4	2,559.66	3/4	2,172.05		
4	4	5,147.02	4	4,812.75	4	4,464.07	4	4,097.33	4	3,714.43	4	3,326.82	4	2,939.20	4	2,551.59	4	2,163.97		
1/4	1/4	5,139.38	1/4	4,805.65	1/4	4,456.59	1/4	4,089.51	1/4	3,706.35	1/4	3,318.74	1/4	2,931.13	1/4	2,543.51	1/4	2,155.90		
1/2	1/2	5,131.73	1/2	4,798.55	1/2	4,449.11	1/2	4,081.68	1/2	3,698.28	1/2	3,310.67	1/2	2,923.05	1/2	2,535.44	1/2	2,147.82		
3/4	3/4	5,124.09	3/4	4,791.45	3/4	4,441.63	3/4	4,073.86	3/4	3,690.20	3/4	3,302.59	3/4	2,914.98	3/4	2,527.36	3/4	2,139.75		
5	5	5,116.45	5	4,784.32	5	4,434.12	5	4,066.01	5	3,682.13	5	3,294.51	5	2,906.90	5	2,519.29	5	2,131.67		
1/4	1/4	5,108.82	1/4	4,777.19	1/4	4,426.61	1/4	4,058.15	1/4	3,674.05	1/4	3,286.44	1/4	2,898.82	1/4	2,511.21	1/4	2,123.60		
1/2	1/2	5,101.18	1/2	4,770.07	1/2	4,419.11	1/2	4,050.30	1/2	3,665.98	1/2	3,278.36	1/2	2,890.75	1/2	2,503.14	1/2	2,115.52		
3/4	3/4	5,093.55	3/4	4,762.94	3/4	4,411.60	3/4	4,042.45	3/4	3,657.90	3/4	3,270.29	3/4	2,882.67	3/4	2,495.06	3/4	2,107.45		
6	6	5,085.91	6	4,755.79	6	4,404.06	6	4,034.57	6	3,649.83	6	3,262.21	6	2,874.60	6	2,486.98	6	2,099.37		
1/4	1/4	5,078.28	1/4	4,748.64	1/4	4,396.53	1/4	4,026.69	1/4	3,641.75	1/4	3,254.14	1/4	2,866.52	1/4	2,478.91	1/4	2,091.29		
1/2	1/2	5,070.64	1/2	4,741.48	1/2	4,388.99	1/2	4,018.80	1/2	3,633.68	1/2	3,246.06	1/2	2,858.45	1/2	2,470.83	1/2	2,083.22		
3/4	3/4	5,063.00	3/4	4,734.33	3/4	4,381.45	3/4	4,010.92	3/4	3,625.60	3/4	3,237.99	3/4	2,850.37	3/4	2,462.76	3/4	2,075.14		
7	7	5,056.26	7	4,727.16	7	4,373.89	7	4,003.01	7	3,617.53	7	3,229.91	7	2,842.30	7	2,454.68	7	2,067.07		
1/4	1/4	5,049.52	1/4	4,719.98	1/4	4,366.32	1/4	3,995.10	1/4	3,609.45	1/4	3,221.84	1/4	2,834.22	1/4	2,446.61	1/4	2,058.99		
1/2	1/2	5,042.78	1/2	4,712.80	1/2	4,358.76	1/2	3,987.19	1/2	3,601.38	1/2	3,213.76	1/2	2,826.15	1/2	2,438.53	1/2	2,050.92		
3/4	3/4	5,036.04	3/4	4,705.63	3/4	4,351.19	3/4	3,979.28	3/4	3,593.30	3/4	3,205.69	3/4	2,818.07	3/4	2,430.46	3/4	2,042.84		
8	8	5,029.57	8	4,698.42	8	4,343.60	8	3,971.34	8	3,585.23	8	3,197.61	8	2,810.00	8	2,422.38	8	2,034.77		
1/4	1/4	5,023.11	1/4	4,691.22	1/4	4,336.00	1/4	3,963.41	1/4	3,577.15	1/4	3,189.54	1/4	2,801.92	1/4	2,414.31	1/4	2,026.69		
1/2	1/2	5,016.64	1/2	4,684.01	1/2	4,328.41	1/2	3,955.47	1/2	3,569.07	1/2	3,181.46	1/2	2,793.85	1/2	2,406.23	1/2	2,018.62		
3/4	3/4	5,010.18	3/4	4,676.80	3/4	4,320.81	3/4	3,947.53	3/4	3,561.00	3/4	3,173.39	3/4	2,785.77	3/4	2,398.16	3/4	2,010.54		
9	9	5,003.68	9	4,669.57	9	4,313.19	9	3,939.56	9	3,552.92	9	3,165.31	9	2,777.70	9	2,390.08	9	2,002.47		
1/4	1/4	4,997.19	1/4	4,662.34	1/4	4,305.57	1/4	3,931.59	1/4	3,544.85	1/4	3,157.23	1/4	2,769.62	1/4	2,382.01	1/4	1,994.39		
1/2	1/2	4,990.69	1/2	4,655.10	1/2	4,297.95	1/2	3,923.63	1/2	3,536.77	1/2	3,149.16	1/2	2,761.54	1/2	2,373.93	1/2	1,986.32		
3/4	3/4	4,984.20	3/4	4,647.87	3/4	4,290.32	3/4	3,915.66	3/4	3,528.70	3/4	3,141.08	3/4	2,753.47	3/4	2,365.86	3/4	1,978.24		
10	10	4,977.68	10	4,640.60	10	4,282.68	10	3,907.66	10	3,520.62	10	3,133.01	10	2,745.39	10	2,357.78	10	1,970.17		
1/4	1/4	4,971.15	1/4	4,633.34	1/4	4,275.03	1/4	3,899.67	1/4	3,512.55	1/4	3,124.93	1/4	2,737.32	1/4	2,349.70	1/4	1,962.09		
1/2	1/2	4,964.63	1/2	4,626.08	1/2	4,267.39	1/2	3,891.67	1/2	3,504.47	1/2	3,116.86	1/2	2,729.24	1/2	2,341.63	1/2	1,954.01		
3/4	3/4	4,958.11	3/4	4,618.82	3/4	4,259.75	3/4	3,883.67	3/4	3,496.40	3/4	3,108.78	3/4	2,721.17	3/4	2,333.55	3/4	1,945.94		
11	11	4,951.56	11	4,611.52	11	4,252.08	11	3,875.65	11	3,488.32	11	3,100.71	11	2,713.09	11	2,325.48	11	1,937.86		
1/4	1/4	4,945.01	1/4	4,604.22	1/4	4,244.40	1/4	3,867.62	1/4	3,480.25	1/4	3,092.63	1/4	2,705.02	1/4	2,317.40	1/4	1,929.79		
1/2	1/2	4,938.45	1/2	4,596.92	1/2	4,236.73	1/2	3,859.60	1/2	3,472.17	1/2	3,084.56	1/2	2,696.94	1/2	2,309.33	1/2	1,921.71		
3/4	3/4	5,265.28	3/4	4,931.90	3/4	4,589.62	3/4	4,229.06	3/4	3,851.57	3/4	3,464.10	3/4	3,076.48	3/4	2,688.87	3/4	2,301.25	3/4	1,913.64

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD

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





BARGE "CTCo 355B"

**1 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-10 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	1,905.56	0	1,517.95	0	1,130.33	0	742.95	0	355.70	0		0		0		0		0	
1/4	1,897.49	1/4	1,509.87	1/4	1,122.26	1/4	734.89	1/4	347.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,889.41	1/2	1,501.80	1/2	1,114.18	1/2	726.83	1/2	339.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,881.34	3/4	1,493.72	3/4	1,106.11	3/4	718.77	3/4	331.48	3/4		3/4		3/4		3/4		3/4	
1	1,873.26	1	1,485.65	1	1,098.03	1	710.71	1	323.40	1		1		1		1		1	
1/4	1,865.19	1/4	1,477.57	1/4	1,089.96	1/4	702.65	1/4	315.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,857.11	1/2	1,469.50	1/2	1,081.88	1/2	694.59	1/2	307.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,849.04	3/4	1,461.42	3/4	1,073.81	3/4	686.53	3/4	299.18	3/4		3/4		3/4		3/4		3/4	
2	1,840.96	2	1,453.35	2	1,065.73	2	678.47	2	291.10	2		2		2		2		2	
1/4	1,832.89	1/4	1,445.27	1/4	1,057.66	1/4	670.42	1/4	283.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,824.81	1/2	1,437.20	1/2	1,049.58	1/2	662.36	1/2	274.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,816.73	3/4	1,429.12	3/4	1,041.51	3/4	654.30	3/4	266.88	3/4		3/4		3/4		3/4		3/4	
3	1,808.66	3	1,421.04	3	1,033.43	3	646.24	3	258.80	3		3		3		3		3	
1/4	1,800.58	1/4	1,412.97	1/4	1,025.36	1/4	638.18	1/4	250.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,792.51	1/2	1,404.89	1/2	1,017.28	1/2	630.12	1/2	242.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,784.43	3/4	1,396.82	3/4	1,009.20	3/4	622.06	3/4	234.58	3/4		3/4		3/4		3/4		3/4	
4	1,776.36	4	1,388.74	4	1,001.13	4	614.00	4	226.50	4		4		4		4		4	
1/4	1,768.28	1/4	1,380.67	1/4	993.05	1/4	605.94	1/4	218.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,760.21	1/2	1,372.59	1/2	984.98	1/2	597.88	1/2	210.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,752.13	3/4	1,364.52	3/4	976.90	3/4	589.83	3/4	202.28	3/4		3/4		3/4		3/4		3/4	
5	1,744.06	5	1,356.44	5	968.83	5	581.76	5	194.20	5		5		5		5		5	
1/4	1,735.98	1/4	1,348.37	1/4	960.75	1/4	573.70	1/4	186.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,727.91	1/2	1,340.29	1/2	952.68	1/2	565.63	1/2	178.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,719.83	3/4	1,332.22	3/4	944.60	3/4	557.57	3/4	169.98	3/4		3/4		3/4		3/4		3/4	
6	1,711.76	6	1,324.14	6	936.53	6	549.50	6	161.90	6		6		6		6		6	
1/4	1,703.68	1/4	1,316.07	1/4	928.45	1/4	541.42	1/4	153.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,695.61	1/2	1,307.99	1/2	920.38	1/2	533.35	1/2	145.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.53	3/4	1,299.92	3/4	912.30	3/4	525.28	3/4	137.68	3/4		3/4		3/4		3/4		3/4	
7	1,679.45	7	1,291.84	7	904.23	7	517.20	7	129.60	7		7		7		7		7	
1/4	1,671.38	1/4	1,283.76	1/4	896.15	1/4	509.13	1/4	121.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,663.30	1/2	1,275.69	1/2	888.08	1/2	501.05	1/2	113.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,655.23	3/4	1,267.61	3/4	880.00	3/4	492.98	3/4	105.38	3/4		3/4		3/4		3/4		3/4	
8	1,647.15	8	1,259.54	8	871.93	8	484.90	8	97.30	8		8		8		8		8	
1/4	1,639.08	1/4	1,251.46	1/4	863.86	1/4	476.83	1/4	89.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,631.00	1/2	1,243.39	1/2	855.79	1/2	468.75	1/2	81.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,622.93	3/4	1,235.31	3/4	847.73	3/4	460.68	3/4	73.08	3/4		3/4		3/4		3/4		3/4	
9	1,614.85	9	1,227.24	9	839.66	9	452.60	9	65.76	9		9		9		9		9	
1/4	1,606.78	1/4	1,219.16	1/4	831.60	1/4	444.53	1/4	58.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.70	1/2	1,211.09	1/2	823.54	1/2	436.45	1/2	51.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,590.63	3/4	1,203.01	3/4	815.48	3/4	428.38	3/4	43.81	3/4		3/4		3/4		3/4		3/4	
10	1,582.55	10	1,194.94	10	807.42	10	420.30	10	38.25	10		10		10		10		10	
1/4	1,574.48	1/4	1,186.86	1/4	799.36	1/4	412.23	1/4	32.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,566.40	1/2	1,178.79	1/2	791.30	1/2	404.15	1/2	27.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,558.33	3/4	1,170.71	3/4	783.24	3/4	396.08	3/4	21.60	3/4		3/4		3/4		3/4		3/4	
11	1,550.25	11	1,162.64	11	775.18	11	388.00	11		11		11		11		11		11	
1/4	1,542.17	1/4	1,154.56	1/4	767.12	1/4	379.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,534.10	1/2	1,146.48	1/2	759.07	1/2	371.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,526.02	3/4	1,138.41	3/4	751.01	3/4	363.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2015 CL
CALCULATED: 01/06/2015 CL
PRINTED: 01/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "CTCo 355B"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11"

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	5,267.78	0	4,934.15	0	4,591.59	0	4,230.77	0	3,853.02	0	3,465.24	0	3,077.37	0	2,689.50	0	2,301.63	
1/4	1/4	5,262.63	1/4	4,927.26	1/4	4,584.26	1/4	4,223.07	1/4	3,844.96	1/4	3,457.16	1/4	3,069.29	1/4	2,681.42	1/4	2,293.55	
1/2	1/2	5,257.48	1/2	4,920.37	1/2	4,576.92	1/2	4,215.36	1/2	3,836.90	1/2	3,449.08	1/2	3,061.21	1/2	2,673.34	1/2	2,285.47	
3/4	3/4	5,252.33	3/4	4,913.48	3/4	4,569.59	3/4	4,207.66	3/4	3,828.84	3/4	3,441.00	3/4	3,053.13	3/4	2,665.26	3/4	2,277.39	
1	1	5,247.18	1	4,906.59	1	4,562.25	1	4,199.95	1	3,820.78	1	3,432.92	1	3,045.05	1	2,657.18	1	2,269.31	
1/4	1/4	5,240.01	1/4	4,899.57	1/4	4,554.89	1/4	4,192.22	1/4	3,812.70	1/4	3,424.84	1/4	3,036.97	1/4	2,649.10	1/4	2,261.23	
1/2	1/2	5,232.84	1/2	4,892.55	1/2	4,547.52	1/2	4,184.48	1/2	3,804.62	1/2	3,416.76	1/2	3,028.89	1/2	2,641.02	1/2	2,253.15	
3/4	3/4	5,225.67	3/4	4,885.53	3/4	4,540.16	3/4	4,176.75	3/4	3,796.54	3/4	3,408.68	3/4	3,020.81	3/4	2,632.94	3/4	2,245.07	
2	2	5,218.50	2	4,878.51	2	4,532.79	2	4,169.02	2	3,788.46	2	3,400.60	2	3,012.73	2	2,624.86	2	2,236.99	
1/4	1/4	5,210.82	1/4	4,871.46	1/4	4,525.40	1/4	4,161.25	1/4	3,780.38	1/4	3,392.51	1/4	3,004.65	1/4	2,616.78	1/4	2,228.91	
1/2	1/2	5,203.15	1/2	4,864.41	1/2	4,518.01	1/2	4,153.49	1/2	3,772.30	1/2	3,384.43	1/2	2,996.57	1/2	2,608.70	1/2	2,220.83	
3/4	3/4	5,195.47	3/4	4,857.36	3/4	4,510.61	3/4	4,145.73	3/4	3,764.22	3/4	3,376.35	3/4	2,988.48	3/4	2,600.62	3/4	2,212.75	
3	3	5,187.80	3	4,850.32	3	4,503.22	3	4,137.97	3	3,756.14	3	3,368.27	3	2,980.40	3	2,592.54	3	2,204.67	
1/4	1/4	5,180.12	1/4	4,843.24	1/4	4,495.77	1/4	4,130.17	1/4	3,748.06	1/4	3,360.19	1/4	2,972.32	1/4	2,584.45	1/4	2,196.59	
1/2	1/2	5,172.44	1/2	4,836.16	1/2	4,488.33	1/2	4,122.37	1/2	3,739.98	1/2	3,352.11	1/2	2,964.24	1/2	2,576.37	1/2	2,188.51	
3/4	3/4	5,164.77	3/4	4,829.08	3/4	4,480.88	3/4	4,114.57	3/4	3,731.90	3/4	3,344.03	3/4	2,956.16	3/4	2,568.29	3/4	2,180.42	
4	4	5,157.09	4	4,822.01	4	4,473.43	4	4,106.77	4	3,723.82	4	3,335.95	4	2,948.08	4	2,560.21	4	2,172.34	
1/4	1/4	5,149.44	1/4	4,814.90	1/4	4,465.95	1/4	4,098.94	1/4	3,715.74	1/4	3,327.87	1/4	2,940.00	1/4	2,552.13	1/4	2,164.26	
1/2	1/2	5,141.79	1/2	4,807.80	1/2	4,458.46	1/2	4,091.12	1/2	3,707.66	1/2	3,319.79	1/2	2,931.92	1/2	2,544.05	1/2	2,156.18	
3/4	3/4	5,134.14	3/4	4,800.69	3/4	4,450.98	3/4	4,083.29	3/4	3,699.58	3/4	3,311.71	3/4	2,923.84	3/4	2,535.97	3/4	2,148.10	
5	5	5,126.49	5	4,793.58	5	4,443.49	5	4,075.46	5	3,691.50	5	3,303.63	5	2,915.76	5	2,527.89	5	2,140.02	
1/4	1/4	5,118.85	1/4	4,786.45	1/4	4,435.98	1/4	4,067.60	1/4	3,683.42	1/4	3,295.55	1/4	2,907.68	1/4	2,519.81	1/4	2,131.94	
1/2	1/2	5,111.21	1/2	4,779.31	1/2	4,428.47	1/2	4,059.74	1/2	3,675.34	1/2	3,287.47	1/2	2,899.60	1/2	2,511.73	1/2	2,123.86	
3/4	3/4	5,103.57	3/4	4,772.18	3/4	4,420.95	3/4	4,051.88	3/4	3,667.26	3/4	3,279.39	3/4	2,891.52	3/4	2,503.65	3/4	2,115.78	
6	6	5,095.93	6	4,765.04	6	4,413.44	6	4,044.02	6	3,659.17	6	3,271.31	6	2,883.44	6	2,495.57	6	2,107.70	
1/4	1/4	5,088.29	1/4	4,757.89	1/4	4,405.90	1/4	4,036.14	1/4	3,651.09	1/4	3,263.23	1/4	2,875.36	1/4	2,487.49	1/4	2,099.62	
1/2	1/2	5,080.65	1/2	4,750.73	1/2	4,398.35	1/2	4,028.25	1/2	3,643.01	1/2	3,255.14	1/2	2,867.28	1/2	2,479.41	1/2	2,091.54	
3/4	3/4	5,073.00	3/4	4,743.58	3/4	4,390.81	3/4	4,020.36	3/4	3,634.93	3/4	3,247.06	3/4	2,859.20	3/4	2,471.33	3/4	2,083.46	
7	7	5,065.36	7	4,736.42	7	4,383.27	7	4,012.48	7	3,626.85	7	3,238.98	7	2,851.11	7	2,463.25	7	2,075.38	
1/4	1/4	5,058.62	1/4	4,729.24	1/4	4,375.70	1/4	4,004.56	1/4	3,618.77	1/4	3,230.90	1/4	2,843.03	1/4	2,455.17	1/4	2,067.30	
1/2	1/2	5,051.87	1/2	4,722.06	1/2	4,368.13	1/2	3,996.65	1/2	3,610.69	1/2	3,222.82	1/2	2,834.95	1/2	2,447.08	1/2	2,059.22	
3/4	3/4	5,045.12	3/4	4,714.87	3/4	4,360.56	3/4	3,988.73	3/4	3,602.61	3/4	3,214.74	3/4	2,826.87	3/4	2,439.00	3/4	2,051.14	
8	8	5,038.37	8	4,707.69	8	4,352.99	8	3,980.82	8	3,594.53	8	3,206.66	8	2,818.79	8	2,430.92	8	2,043.05	
1/4	1/4	5,031.90	1/4	4,700.48	1/4	4,345.39	1/4	3,972.87	1/4	3,586.45	1/4	3,198.58	1/4	2,810.71	1/4	2,422.84	1/4	2,034.97	
1/2	1/2	5,025.43	1/2	4,693.27	1/2	4,337.79	1/2	3,964.93	1/2	3,578.37	1/2	3,190.50	1/2	2,802.63	1/2	2,414.76	1/2	2,026.89	
3/4	3/4	5,018.96	3/4	4,686.06	3/4	4,330.19	3/4	3,956.98	3/4	3,570.29	3/4	3,182.42	3/4	2,794.55	3/4	2,406.68	3/4	2,018.81	
9	9	5,012.49	9	4,678.85	9	4,322.59	9	3,949.04	9	3,562.21	9	3,174.34	9	2,786.47	9	2,398.60	9	2,010.73	
1/4	1/4	5,005.99	1/4	4,671.61	1/4	4,314.96	1/4	3,941.07	1/4	3,554.13	1/4	3,166.26	1/4	2,778.39	1/4	2,390.52	1/4	2,002.65	
1/2	1/2	4,999.49	1/2	4,664.37	1/2	4,307.33	1/2	3,933.09	1/2	3,546.05	1/2	3,158.18	1/2	2,770.31	1/2	2,382.44	1/2	1,994.57	
3/4	3/4	4,992.99	3/4	4,657.13	3/4	4,299.70	3/4	3,925.12	3/4	3,537.97	3/4	3,150.10	3/4	2,762.23	3/4	2,374.36	3/4	1,986.49	
10	10	4,986.49	10	4,649.89	10	4,292.07	10	3,917.15	10	3,529.88	10	3,142.02	10	2,754.15	10	2,366.28	10	1,978.41	
1/4	1/4	4,979.96	1/4	4,642.62	1/4	4,284.42	1/4	3,909.14	1/4	3,521.80	1/4	3,133.94	1/4	2,746.07	1/4	2,358.20	1/4	1,970.33	
1/2	1/2	4,973.43	1/2	4,635.35	1/2	4,276.78	1/2	3,901.14	1/2	3,513.72	1/2	3,125.85	1/2	2,737.99	1/2	2,350.12	1/2	1,962.25	
3/4	3/4	4,966.90	3/4	4,628.08	3/4	4,269.13	3/4	3,893.14	3/4	3,505.64	3/4	3,117.77	3/4	2,729.91	3/4	2,342.04	3/4	1,954.17	
11	11	4,960.38	11	4,620.81	11	4,261.48	11	3,885.14	11	3,497.56	11	3,109.69	11	2,721.82	11	2,333.96	11	1,946.09	
1/4	1/4	4,953.82	1/4	4,613.51	1/4	4,253.80	1/4	3,877.11	1/4	3,489.48	1/4	3,101.61	1/4	2,713.74	1/4	2,325.88	1/4	1,938.01	
1/2	1/2	4,947.26	1/2	4,606.20	1/2	4,246.12	1/2	3,869.08	1/2	3,481.40	1/2	3,093.53	1/2	2,705.66	1/2	2,317.79	1/2	1,929.93	
3/4	3/4	4,940.70	3/4	4,598.90	3/4	4,238.45	3/4	3,861.05	3/4	3,473.32	3/4	3,085.45	3/4	2,697.58	3/4	2,309.71	3/4	1,921.85	

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CTCo 355B"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11"

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	1,913.76	0	1,525.90	0	1,138.03	0	750.72	0	364.02	0		0		0		0		0	
1/4	1,905.68	1/4	1,517.82	1/4	1,129.95	1/4	742.68	1/4	355.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,897.60	1/2	1,509.73	1/2	1,121.87	1/2	734.64	1/2	347.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,889.52	3/4	1,501.65	3/4	1,113.79	3/4	726.60	3/4	339.78	3/4		3/4		3/4		3/4		3/4	
1	1,881.44	1	1,493.57	1	1,105.70	1	718.56	1	331.70	1		1		1		1		1	
1/4	1,873.36	1/4	1,485.49	1/4	1,097.62	1/4	710.52	1/4	323.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,865.28	1/2	1,477.41	1/2	1,089.54	1/2	702.48	1/2	315.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,857.20	3/4	1,469.33	3/4	1,081.46	3/4	694.44	3/4	307.46	3/4		3/4		3/4		3/4		3/4	
2	1,849.12	2	1,461.25	2	1,073.38	2	686.40	2	299.38	2		2		2		2		2	
1/4	1,841.04	1/4	1,453.17	1/4	1,065.30	1/4	678.36	1/4	291.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,832.96	1/2	1,445.09	1/2	1,057.22	1/2	670.32	1/2	283.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,824.88	3/4	1,437.01	3/4	1,049.14	3/4	662.28	3/4	275.14	3/4		3/4		3/4		3/4		3/4	
3	1,816.80	3	1,428.93	3	1,041.06	3	654.24	3	267.06	3		3		3		3		3	
1/4	1,808.72	1/4	1,420.85	1/4	1,032.98	1/4	646.20	1/4	258.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,800.64	1/2	1,412.77	1/2	1,024.90	1/2	638.16	1/2	250.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,792.56	3/4	1,404.69	3/4	1,016.82	3/4	630.12	3/4	242.82	3/4		3/4		3/4		3/4		3/4	
4	1,784.48	4	1,396.61	4	1,008.74	4	622.08	4	234.74	4		4		4		4		4	
1/4	1,776.39	1/4	1,388.53	1/4	1,000.66	1/4	614.03	1/4	226.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,768.31	1/2	1,380.45	1/2	992.58	1/2	605.99	1/2	218.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,760.23	3/4	1,372.36	3/4	984.50	3/4	597.95	3/4	210.49	3/4		3/4		3/4		3/4		3/4	
5	1,752.15	5	1,364.28	5	976.42	5	589.91	5	202.41	5		5		5		5		5	
1/4	1,744.07	1/4	1,356.20	1/4	968.33	1/4	581.87	1/4	194.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,735.99	1/2	1,348.12	1/2	960.25	1/2	573.82	1/2	186.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,727.91	3/4	1,340.04	3/4	952.17	3/4	565.77	3/4	178.17	3/4		3/4		3/4		3/4		3/4	
6	1,719.83	6	1,331.96	6	944.09	6	557.73	6	170.09	6		6		6		6		6	
1/4	1,711.75	1/4	1,323.88	1/4	936.01	1/4	549.67	1/4	162.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,703.67	1/2	1,315.80	1/2	927.93	1/2	541.62	1/2	153.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,695.59	3/4	1,307.72	3/4	919.85	3/4	533.56	3/4	145.85	3/4		3/4		3/4		3/4		3/4	
7	1,687.51	7	1,299.64	7	911.77	7	525.51	7	137.77	7		7		7		7		7	
1/4	1,679.43	1/4	1,291.56	1/4	903.69	1/4	517.45	1/4	129.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,671.35	1/2	1,283.48	1/2	895.61	1/2	509.40	1/2	121.61	1/2		1/2		1/2		1/2		1/2	
3/4	1,663.27	3/4	1,275.40	3/4	887.53	3/4	501.34	3/4	113.53	3/4		3/4		3/4		3/4		3/4	
8	1,655.19	8	1,267.32	8	879.45	8	493.28	8	105.45	8		8		8		8		8	
1/4	1,647.11	1/4	1,259.24	1/4	871.39	1/4	485.21	1/4	97.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,639.02	1/2	1,251.16	1/2	863.34	1/2	477.14	1/2	89.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,630.94	3/4	1,243.08	3/4	855.28	3/4	469.06	3/4	81.21	3/4		3/4		3/4		3/4		3/4	
9	1,622.86	9	1,234.99	9	847.22	9	460.99	9	73.13	9		9		9		9		9	
1/4	1,614.78	1/4	1,226.91	1/4	839.18	1/4	452.91	1/4	65.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,606.70	1/2	1,218.83	1/2	831.14	1/2	444.83	1/2	56.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,598.62	3/4	1,210.75	3/4	823.09	3/4	436.75	3/4	48.89	3/4		3/4		3/4		3/4		3/4	
10	1,590.54	10	1,202.67	10	815.05	10	428.67	10	40.81	10		10		10		10		10	
1/4	1,582.46	1/4	1,194.59	1/4	807.01	1/4	420.59	1/4	32.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,574.38	1/2	1,186.51	1/2	798.97	1/2	412.50	1/2	24.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,566.30	3/4	1,178.43	3/4	790.93	3/4	404.42	3/4	16.57	3/4		3/4		3/4		3/4		3/4	
11	1,558.22	11	1,170.35	11	782.89	11	396.34	11	8.49	11		11		11		11		11	
1/4	1,550.14	1/4	1,162.27	1/4	774.85	1/4	388.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,542.06	1/2	1,154.19	1/2	766.81	1/2	380.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,533.98	3/4	1,146.11	3/4	758.76	3/4	372.10	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2015 CL
CALCULATED: 01/06/2015 CL
PRINTED: 01/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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