



BARGE "CTCO 356B"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 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	- 01-1/8	01-1/8	- 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	- 00-7/8	00-7/8	- 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 INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 275'-03"

March 12, 2015

PRECISION MEASUREMENT
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<http://www.pmacorp.net>



BARGE "CTCo 356B"

1 PORT INNAGE 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	21.55	0	395.28	0	780.78	0	1,167.20	0	1,554.03	0	1,940.86	0	2,327.69	0	2,714.51	0	3,101.34	0	3,488.17
1/4	27.09	1/4	403.34	1/4	788.80	1/4	1,175.26	1/4	1,562.09	1/4	1,948.92	1/4	2,335.74	1/4	2,722.57	1/4	3,109.40	1/4	3,496.23
1/2	32.63	1/2	411.40	1/2	796.82	1/2	1,183.32	1/2	1,570.15	1/2	1,956.98	1/2	2,343.80	1/2	2,730.63	1/2	3,117.46	1/2	3,504.29
3/4	38.18	3/4	419.46	3/4	804.84	3/4	1,191.38	3/4	1,578.21	3/4	1,965.04	3/4	2,351.86	3/4	2,738.69	3/4	3,125.52	3/4	3,512.34
1	43.72	1	427.51	1	812.86	1	1,199.44	1	1,586.27	1	1,973.09	1	2,359.92	1	2,746.75	1	3,133.58	1	3,520.40
1/4	51.02	1/4	435.57	1/4	820.88	1/4	1,207.50	1/4	1,594.33	1/4	1,981.15	1/4	2,367.98	1/4	2,754.81	1/4	3,141.63	1/4	3,528.46
1/2	58.32	1/2	443.63	1/2	828.90	1/2	1,215.56	1/2	1,602.38	1/2	1,989.21	1/2	2,376.04	1/2	2,762.87	1/2	3,149.69	1/2	3,536.52
3/4	65.63	3/4	451.69	3/4	836.93	3/4	1,223.62	3/4	1,610.44	3/4	1,997.27	3/4	2,384.10	3/4	2,770.93	3/4	3,157.75	3/4	3,544.58
2	72.93	2	459.75	2	844.95	2	1,231.68	2	1,618.50	2	2,005.33	2	2,392.16	2	2,778.98	2	3,165.81	2	3,552.64
1/4	80.99	1/4	467.80	1/4	852.98	1/4	1,239.73	1/4	1,626.56	1/4	2,013.39	1/4	2,400.22	1/4	2,787.04	1/4	3,173.87	1/4	3,560.70
1/2	89.05	1/2	475.85	1/2	861.02	1/2	1,247.79	1/2	1,634.62	1/2	2,021.45	1/2	2,408.27	1/2	2,795.10	1/2	3,181.93	1/2	3,568.76
3/4	97.11	3/4	483.91	3/4	869.05	3/4	1,255.85	3/4	1,642.68	3/4	2,029.51	3/4	2,416.33	3/4	2,803.16	3/4	3,189.99	3/4	3,576.82
3	105.17	3	491.96	3	877.08	3	1,263.91	3	1,650.74	3	2,037.57	3	2,424.39	3	2,811.22	3	3,198.05	3	3,584.87
1/4	113.23	1/4	499.99	1/4	885.14	1/4	1,271.97	1/4	1,658.80	1/4	2,045.62	1/4	2,432.45	1/4	2,819.28	1/4	3,206.11	1/4	3,592.93
1/2	121.28	1/2	508.03	1/2	893.20	1/2	1,280.03	1/2	1,666.86	1/2	2,053.68	1/2	2,440.51	1/2	2,827.34	1/2	3,214.16	1/2	3,600.99
3/4	129.34	3/4	516.06	3/4	901.26	3/4	1,288.09	3/4	1,674.92	3/4	2,061.74	3/4	2,448.57	3/4	2,835.40	3/4	3,222.22	3/4	3,609.05
4	137.40	4	524.10	4	909.32	4	1,296.15	4	1,682.97	4	2,069.80	4	2,456.63	4	2,843.46	4	3,230.28	4	3,617.11
1/4	145.46	1/4	532.13	1/4	917.38	1/4	1,304.21	1/4	1,691.03	1/4	2,077.86	1/4	2,464.69	1/4	2,851.51	1/4	3,238.34	1/4	3,625.17
1/2	153.52	1/2	540.16	1/2	925.44	1/2	1,312.26	1/2	1,699.09	1/2	2,085.92	1/2	2,472.75	1/2	2,859.57	1/2	3,246.40	1/2	3,633.23
3/4	161.58	3/4	548.20	3/4	933.50	3/4	1,320.32	3/4	1,707.15	3/4	2,093.98	3/4	2,480.81	3/4	2,867.63	3/4	3,254.46	3/4	3,641.29
5	169.64	5	556.23	5	941.56	5	1,328.38	5	1,715.21	5	2,102.04	5	2,488.86	5	2,875.69	5	3,262.52	5	3,649.35
1/4	177.69	1/4	564.25	1/4	949.61	1/4	1,336.44	1/4	1,723.27	1/4	2,110.10	1/4	2,496.92	1/4	2,883.75	1/4	3,270.58	1/4	3,657.40
1/2	185.75	1/2	572.28	1/2	957.67	1/2	1,344.50	1/2	1,731.33	1/2	2,118.15	1/2	2,504.98	1/2	2,891.81	1/2	3,278.64	1/2	3,665.46
3/4	193.81	3/4	580.30	3/4	965.73	3/4	1,352.56	3/4	1,739.39	3/4	2,126.21	3/4	2,513.04	3/4	2,899.87	3/4	3,286.70	3/4	3,673.52
6	201.87	6	588.33	6	973.79	6	1,360.62	6	1,747.45	6	2,134.27	6	2,521.10	6	2,907.93	6	3,294.75	6	3,681.58
1/4	209.93	1/4	596.35	1/4	981.85	1/4	1,368.68	1/4	1,755.50	1/4	2,142.33	1/4	2,529.16	1/4	2,915.99	1/4	3,302.81	1/4	3,689.64
1/2	217.99	1/2	604.36	1/2	989.91	1/2	1,376.74	1/2	1,763.56	1/2	2,150.39	1/2	2,537.22	1/2	2,924.04	1/2	3,310.87	1/2	3,697.70
3/4	226.05	3/4	612.38	3/4	997.97	3/4	1,384.79	3/4	1,771.62	3/4	2,158.45	3/4	2,545.28	3/4	2,932.10	3/4	3,318.93	3/4	3,705.76
7	234.11	7	620.40	7	1,006.03	7	1,392.85	7	1,779.68	7	2,166.51	7	2,553.34	7	2,940.16	7	3,326.99	7	3,713.82
1/4	242.16	1/4	628.42	1/4	1,014.09	1/4	1,400.91	1/4	1,787.74	1/4	2,174.57	1/4	2,561.39	1/4	2,948.22	1/4	3,335.05	1/4	3,721.88
1/2	250.22	1/2	636.44	1/2	1,022.14	1/2	1,408.97	1/2	1,795.80	1/2	2,182.63	1/2	2,569.45	1/2	2,956.28	1/2	3,343.11	1/2	3,729.93
3/4	258.28	3/4	644.46	3/4	1,030.20	3/4	1,417.03	3/4	1,803.86	3/4	2,190.68	3/4	2,577.51	3/4	2,964.34	3/4	3,351.17	3/4	3,737.99
8	266.34	8	652.48	8	1,038.26	8	1,425.09	8	1,811.92	8	2,198.74	8	2,585.57	8	2,972.40	8	3,359.23	8	3,746.05
1/4	274.40	1/4	660.50	1/4	1,046.32	1/4	1,433.15	1/4	1,819.98	1/4	2,206.80	1/4	2,593.63	1/4	2,980.46	1/4	3,367.28	1/4	3,754.11
1/2	282.46	1/2	668.52	1/2	1,054.38	1/2	1,441.21	1/2	1,828.03	1/2	2,214.86	1/2	2,601.69	1/2	2,988.52	1/2	3,375.34	1/2	3,762.17
3/4	290.52	3/4	676.54	3/4	1,062.44	3/4	1,449.27	3/4	1,836.09	3/4	2,222.92	3/4	2,609.75	3/4	2,996.57	3/4	3,383.40	3/4	3,770.23
9	298.58	9	684.55	9	1,070.50	9	1,457.32	9	1,844.15	9	2,230.98	9	2,617.81	9	3,004.63	9	3,391.46	9	3,778.29
1/4	306.63	1/4	692.57	1/4	1,078.56	1/4	1,465.38	1/4	1,852.21	1/4	2,239.04	1/4	2,625.87	1/4	3,012.69	1/4	3,399.52	1/4	3,786.34
1/2	314.69	1/2	700.59	1/2	1,086.62	1/2	1,473.44	1/2	1,860.27	1/2	2,247.10	1/2	2,633.92	1/2	3,020.75	1/2	3,407.58	1/2	3,794.40
3/4	322.75	3/4	708.61	3/4	1,094.67	3/4	1,481.50	3/4	1,868.33	3/4	2,255.16	3/4	2,641.98	3/4	3,028.81	3/4	3,415.64	3/4	3,802.46
10	330.81	10	716.63	10	1,102.73	10	1,489.56	10	1,876.39	10	2,263.21	10	2,650.04	10	3,036.87	10	3,423.70	10	3,810.51
1/4	338.87	1/4	724.65	1/4	1,110.79	1/4	1,497.62	1/4	1,884.45	1/4	2,271.27	1/4	2,658.10	1/4	3,044.93	1/4	3,431.76	1/4	3,818.55
1/2	346.93	1/2	732.67	1/2	1,118.85	1/2	1,505.68	1/2	1,892.51	1/2	2,279.33	1/2	2,666.16	1/2	3,052.99	1/2	3,439.81	1/2	3,826.59
3/4	354.99	3/4	740.69	3/4	1,126.91	3/4	1,513.74	3/4	1,900.56	3/4	2,287.39	3/4	2,674.22	3/4	3,061.05	3/4	3,447.87	3/4	3,834.62
11	363.04	11	748.71	11	1,134.97	11	1,521.80	11	1,908.62	11	2,295.45	11	2,682.28	11	3,069.10	11	3,455.93	11	3,842.66
1/4	371.10	1/4	756.73	1/4	1,143.03	1/4	1,529.85	1/4	1,916.68	1/4	2,303.51	1/4	2,690.34	1/4	3,077.16	1/4	3,463.99	1/4	3,850.67
1/2	379.16	1/2	764.74	1/2	1,151.09	1/2	1,537.91	1/2	1,924.74	1/2	2,311.57	1/2	2,698.40	1/2	3,085.22	1/2	3,472.05	1/2	3,858.68
3/4	387.22	3/4	772.76	3/4	1,159.15	3/4	1,545.97	3/4	1,932.80	3/4	2,319.63	3/4	2,706.45	3/4	3,093.28	3/4	3,480.11	3/4	3,866.69

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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<http://www.pmacorp.net>



BARGE "CTCo 356B"

1 PORT INNAGE 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	3,874.70	0	4,250.02	0	4,608.39	0	4,947.04	0		0		0		0		0		0	
1/4	3,882.68	1/4	4,257.65	1/4	4,615.64	1/4	4,953.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,890.66	1/2	4,265.28	1/2	4,622.89	1/2	4,960.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,898.64	3/4	4,272.91	3/4	4,630.14	3/4	4,966.58	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,906.62	1	4,280.54	1	4,637.39	1	4,973.09	1		1		1		1		1		1	
1/4	3,914.57	1/4	4,288.15	1/4	4,644.61	1/4	4,979.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,922.52	1/2	4,295.75	1/2	4,651.83	1/2	4,986.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,930.47	3/4	4,303.36	3/4	4,659.05	3/4	4,992.53	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,938.42	2	4,310.97	2	4,666.27	2	4,999.02	2		2		2		2		2		2	
1/4	3,946.35	1/4	4,318.55	1/4	4,673.46	1/4	5,005.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,954.27	1/2	4,326.13	1/2	4,680.65	1/2	5,011.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,962.19	3/4	4,333.71	3/4	4,687.84	3/4	5,018.38	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,970.12	3	4,341.29	3	4,695.04	3	5,024.83	3		3		3		3		3		3	
1/4	3,978.01	1/4	4,348.84	1/4	4,702.20	1/4	5,031.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,985.90	1/2	4,356.39	1/2	4,709.36	1/2	5,038.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,993.80	3/4	4,363.94	3/4	4,716.53	3/4	5,045.02	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,001.69	4	4,371.49	4	4,723.69	4	5,051.75	4		4		4		4		4		4	
1/4	4,009.56	1/4	4,379.01	1/4	4,730.83	1/4	5,059.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,017.42	1/2	4,386.53	1/2	4,737.96	1/2	5,066.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,025.29	3/4	4,394.05	3/4	4,745.10	3/4	5,074.61	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,033.15	5	4,401.58	5	4,752.24	5	5,082.23	5		5		5		5		5		5	
1/4	4,040.99	1/4	4,409.07	1/4	4,759.35	1/4	5,089.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,048.83	1/2	4,416.56	1/2	4,766.47	1/2	5,097.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,056.67	3/4	4,424.06	3/4	4,773.58	3/4	5,105.09	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,064.50	6	4,431.55	6	4,780.70	6	5,112.71	6		6		6		6		6		6	
1/4	4,072.31	1/4	4,439.01	1/4	4,787.79	1/4	5,120.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,080.12	1/2	4,446.48	1/2	4,794.87	1/2	5,127.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,087.93	3/4	4,453.94	3/4	4,801.96	3/4	5,135.60	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,095.74	7	4,461.41	7	4,809.05	7	5,143.23	7		7		7		7		7		7	
1/4	4,103.51	1/4	4,468.83	1/4	4,816.10	1/4	5,150.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,111.29	1/2	4,476.26	1/2	4,823.16	1/2	5,158.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,119.07	3/4	4,483.69	3/4	4,830.22	3/4	5,166.20	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,126.84	8	4,491.12	8	4,837.28	8	5,173.85	8		8		8		8		8		8	
1/4	4,134.59	1/4	4,498.49	1/4	4,844.31	1/4	5,181.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,142.33	1/2	4,505.86	1/2	4,851.34	1/2	5,189.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,150.07	3/4	4,513.24	3/4	4,858.37	3/4	5,196.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,157.81	9	4,520.61	9	4,865.40	9	5,204.47	9		9		9		9		9		9	
1/4	4,165.52	1/4	4,527.95	1/4	4,872.40	1/4	5,211.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,173.24	1/2	4,535.30	1/2	4,879.40	1/2	5,218.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,180.95	3/4	4,542.64	3/4	4,886.40	3/4	5,225.92	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,188.66	10	4,549.99	10	4,893.40	10	5,233.08	10		10		10		10		10		10	
1/4	4,196.35	1/4	4,557.30	1/4	4,900.27	1/4	5,238.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,204.03	1/2	4,564.62	1/2	4,907.14	1/2	5,243.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,211.71	3/4	4,571.94	3/4	4,914.01	3/4	5,248.48	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,219.40	11	4,579.25	11	4,920.88	11	5,253.62	11		11		11		11		11		11	
1/4	4,227.05	1/4	4,586.54	1/4	4,927.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,234.71	1/2	4,593.82	1/2	4,933.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,242.37	3/4	4,601.11	3/4	4,940.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2015 CL
CALCULATED: 03/11/2015 CL
PRINTED: 03/12/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

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



BARGE "CTCo 356B"

1 STBD INNAGE 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	21.56	0	395.41	0	781.93	0	1,168.74	0	1,555.70	0	1,942.66	0	2,329.62	0	2,716.59	0	3,103.55	0	3,490.51
1/4	27.10	1/4	403.47	1/4	789.97	1/4	1,176.80	1/4	1,563.76	1/4	1,950.72	1/4	2,337.69	1/4	2,724.65	1/4	3,111.61	1/4	3,498.57
1/2	32.65	1/2	411.54	1/2	798.02	1/2	1,184.86	1/2	1,571.82	1/2	1,958.79	1/2	2,345.75	1/2	2,732.71	1/2	3,119.67	1/2	3,506.63
3/4	38.19	3/4	419.60	3/4	806.06	3/4	1,192.92	3/4	1,579.89	3/4	1,966.85	3/4	2,353.81	3/4	2,740.77	3/4	3,127.73	3/4	3,514.69
1	43.73	1	427.66	1	814.11	1	1,200.99	1	1,587.95	1	1,974.91	1	2,361.87	1	2,748.83	1	3,135.79	1	3,522.76
1/4	51.04	1/4	435.72	1/4	822.16	1/4	1,209.05	1/4	1,596.01	1/4	1,982.97	1/4	2,369.93	1/4	2,756.89	1/4	3,143.86	1/4	3,530.82
1/2	58.34	1/2	443.78	1/2	830.20	1/2	1,217.11	1/2	1,604.07	1/2	1,991.03	1/2	2,377.99	1/2	2,764.96	1/2	3,151.92	1/2	3,538.88
3/4	65.65	3/4	451.84	3/4	838.25	3/4	1,225.17	3/4	1,612.13	3/4	1,999.09	3/4	2,386.06	3/4	2,773.02	3/4	3,159.98	3/4	3,546.94
2	72.96	2	459.90	2	846.30	2	1,233.23	2	1,620.19	2	2,007.16	2	2,394.12	2	2,781.08	2	3,168.04	2	3,555.00
1/4	81.02	1/4	467.97	1/4	854.35	1/4	1,241.29	1/4	1,628.26	1/4	2,015.22	1/4	2,402.18	1/4	2,789.14	1/4	3,176.10	1/4	3,563.06
1/2	89.08	1/2	476.03	1/2	862.41	1/2	1,249.36	1/2	1,636.32	1/2	2,023.28	1/2	2,410.24	1/2	2,797.20	1/2	3,184.16	1/2	3,571.13
3/4	97.14	3/4	484.09	3/4	870.46	3/4	1,257.42	3/4	1,644.38	3/4	2,031.34	3/4	2,418.30	3/4	2,805.26	3/4	3,192.23	3/4	3,579.19
3	105.20	3	492.15	3	878.52	3	1,265.48	3	1,652.44	3	2,039.40	3	2,426.36	3	2,813.33	3	3,200.29	3	3,587.25
1/4	113.26	1/4	500.21	1/4	886.58	1/4	1,273.54	1/4	1,660.50	1/4	2,047.46	1/4	2,434.43	1/4	2,821.39	1/4	3,208.35	1/4	3,595.31
1/2	121.33	1/2	508.27	1/2	894.64	1/2	1,281.60	1/2	1,668.56	1/2	2,055.53	1/2	2,442.49	1/2	2,829.45	1/2	3,216.41	1/2	3,603.37
3/4	129.39	3/4	516.33	3/4	902.70	3/4	1,289.66	3/4	1,676.63	3/4	2,063.59	3/4	2,450.55	3/4	2,837.51	3/4	3,224.47	3/4	3,611.43
4	137.45	4	524.40	4	910.76	4	1,297.73	4	1,684.69	4	2,071.65	4	2,458.61	4	2,845.57	4	3,232.53	4	3,619.50
1/4	145.51	1/4	532.45	1/4	918.83	1/4	1,305.79	1/4	1,692.75	1/4	2,079.71	1/4	2,466.67	1/4	2,853.63	1/4	3,240.60	1/4	3,627.56
1/2	153.57	1/2	540.51	1/2	926.89	1/2	1,313.85	1/2	1,700.81	1/2	2,087.77	1/2	2,474.73	1/2	2,861.70	1/2	3,248.66	1/2	3,635.62
3/4	161.63	3/4	548.57	3/4	934.95	3/4	1,321.91	3/4	1,708.87	3/4	2,095.83	3/4	2,482.80	3/4	2,869.76	3/4	3,256.72	3/4	3,643.68
5	169.69	5	556.63	5	943.01	5	1,329.97	5	1,716.93	5	2,103.90	5	2,490.86	5	2,877.82	5	3,264.78	5	3,651.74
1/4	177.75	1/4	564.68	1/4	951.07	1/4	1,338.03	1/4	1,725.00	1/4	2,111.96	1/4	2,498.92	1/4	2,885.88	1/4	3,272.84	1/4	3,659.80
1/2	185.82	1/2	572.73	1/2	959.13	1/2	1,346.10	1/2	1,733.06	1/2	2,120.02	1/2	2,506.98	1/2	2,893.94	1/2	3,280.90	1/2	3,667.87
3/4	193.88	3/4	580.78	3/4	967.20	3/4	1,354.16	3/4	1,741.12	3/4	2,128.08	3/4	2,515.04	3/4	2,902.00	3/4	3,288.97	3/4	3,675.93
6	201.94	6	588.83	6	975.26	6	1,362.22	6	1,749.18	6	2,136.14	6	2,523.10	6	2,910.07	6	3,297.03	6	3,683.99
1/4	210.00	1/4	596.88	1/4	983.32	1/4	1,370.28	1/4	1,757.24	1/4	2,144.20	1/4	2,531.17	1/4	2,918.13	1/4	3,305.09	1/4	3,692.05
1/2	218.06	1/2	604.92	1/2	991.38	1/2	1,378.34	1/2	1,765.30	1/2	2,152.27	1/2	2,539.23	1/2	2,926.19	1/2	3,313.15	1/2	3,700.11
3/4	226.12	3/4	612.97	3/4	999.44	3/4	1,386.40	3/4	1,773.37	3/4	2,160.33	3/4	2,547.29	3/4	2,934.25	3/4	3,321.21	3/4	3,708.17
7	234.18	7	621.02	7	1,007.51	7	1,394.47	7	1,781.43	7	2,168.39	7	2,555.35	7	2,942.31	7	3,329.27	7	3,716.24
1/4	242.25	1/4	629.06	1/4	1,015.57	1/4	1,402.53	1/4	1,789.49	1/4	2,176.45	1/4	2,563.41	1/4	2,950.37	1/4	3,337.34	1/4	3,724.30
1/2	250.31	1/2	637.11	1/2	1,023.63	1/2	1,410.59	1/2	1,797.55	1/2	2,184.51	1/2	2,571.47	1/2	2,958.44	1/2	3,345.40	1/2	3,732.36
3/4	258.37	3/4	645.15	3/4	1,031.69	3/4	1,418.65	3/4	1,805.61	3/4	2,192.57	3/4	2,579.54	3/4	2,966.50	3/4	3,353.46	3/4	3,740.42
8	266.43	8	653.20	8	1,039.75	8	1,426.71	8	1,813.68	8	2,200.64	8	2,587.60	8	2,974.56	8	3,361.52	8	3,748.48
1/4	274.49	1/4	661.24	1/4	1,047.81	1/4	1,434.78	1/4	1,821.74	1/4	2,208.70	1/4	2,595.66	1/4	2,982.62	1/4	3,369.58	1/4	3,756.54
1/2	282.55	1/2	669.29	1/2	1,055.88	1/2	1,442.84	1/2	1,829.80	1/2	2,216.76	1/2	2,603.72	1/2	2,990.68	1/2	3,377.64	1/2	3,764.61
3/4	290.61	3/4	677.33	3/4	1,063.94	3/4	1,450.90	3/4	1,837.86	3/4	2,224.82	3/4	2,611.78	3/4	2,998.74	3/4	3,385.71	3/4	3,772.67
9	298.68	9	685.38	9	1,072.00	9	1,458.96	9	1,845.92	9	2,232.88	9	2,619.85	9	3,006.81	9	3,393.77	9	3,780.73
1/4	306.74	1/4	693.42	1/4	1,080.06	1/4	1,467.02	1/4	1,853.98	1/4	2,240.95	1/4	2,627.91	1/4	3,014.87	1/4	3,401.83	1/4	3,788.78
1/2	314.80	1/2	701.47	1/2	1,088.12	1/2	1,475.08	1/2	1,862.05	1/2	2,249.01	1/2	2,635.97	1/2	3,022.93	1/2	3,409.89	1/2	3,796.83
3/4	322.86	3/4	709.51	3/4	1,096.18	3/4	1,483.15	3/4	1,870.11	3/4	2,257.07	3/4	2,644.03	3/4	3,030.99	3/4	3,417.95	3/4	3,804.88
10	330.92	10	717.56	10	1,104.25	10	1,491.21	10	1,878.17	10	2,265.13	10	2,652.09	10	3,039.05	10	3,426.02	10	3,812.93
1/4	338.98	1/4	725.60	1/4	1,112.31	1/4	1,499.27	1/4	1,886.23	1/4	2,273.19	1/4	2,660.15	1/4	3,047.12	1/4	3,434.08	1/4	3,820.97
1/2	347.04	1/2	733.65	1/2	1,120.37	1/2	1,507.33	1/2	1,894.29	1/2	2,281.25	1/2	2,668.22	1/2	3,055.18	1/2	3,442.14	1/2	3,829.01
3/4	355.11	3/4	741.70	3/4	1,128.43	3/4	1,515.39	3/4	1,902.35	3/4	2,289.32	3/4	2,676.28	3/4	3,063.24	3/4	3,450.20	3/4	3,837.05
11	363.17	11	749.74	11	1,136.49	11	1,523.45	11	1,910.42	11	2,297.38	11	2,684.34	11	3,071.30	11	3,458.26	11	3,845.09
1/4	371.23	1/4	757.79	1/4	1,144.55	1/4	1,531.52	1/4	1,918.48	1/4	2,305.44	1/4	2,692.40	1/4	3,079.36	1/4	3,466.32	1/4	3,853.10
1/2	379.29	1/2	765.83	1/2	1,152.62	1/2	1,539.58	1/2	1,926.54	1/2	2,313.50	1/2	2,700.46	1/2	3,087.42	1/2	3,474.39	1/2	3,861.11
3/4	387.35	3/4	773.88	3/4	1,160.68	3/4	1,547.64	3/4	1,934.60	3/4	2,321.56	3/4	2,708.52	3/4	3,095.49	3/4	3,482.45	3/4	3,869.12

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CTCo 356B"

1 STBD INNAGE 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	3,877.13	0	4,252.57	0	4,611.04	0	4,949.76	0		0		0		0		0		0	
1/4	3,885.12	1/4	4,260.21	1/4	4,618.29	1/4	4,956.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,893.10	1/2	4,267.84	1/2	4,625.54	1/2	4,962.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,901.08	3/4	4,275.47	3/4	4,632.79	3/4	4,969.30	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,909.07	1	4,283.10	1	4,640.04	1	4,975.81	1		1		1		1		1		1	
1/4	3,917.02	1/4	4,290.71	1/4	4,647.26	1/4	4,982.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,924.97	1/2	4,298.32	1/2	4,654.49	1/2	4,988.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,932.93	3/4	4,305.93	3/4	4,661.71	3/4	4,995.26	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,940.88	2	4,313.54	2	4,668.93	2	5,001.74	2		2		2		2		2		2	
1/4	3,948.81	1/4	4,321.12	1/4	4,676.12	1/4	5,008.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,956.73	1/2	4,328.70	1/2	4,683.32	1/2	5,014.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,964.66	3/4	4,336.28	3/4	4,690.51	3/4	5,021.10	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,972.58	3	4,343.86	3	4,697.70	3	5,027.56	3		3		3		3		3		3	
1/4	3,980.48	1/4	4,351.42	1/4	4,704.87	1/4	5,034.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,988.38	1/2	4,358.97	1/2	4,712.03	1/2	5,041.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,996.27	3/4	4,366.52	3/4	4,719.20	3/4	5,047.75	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,004.17	4	4,374.08	4	4,726.36	4	5,054.48	4		4		4		4		4		4	
1/4	4,012.04	1/4	4,381.60	1/4	4,733.50	1/4	5,062.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,019.91	1/2	4,389.12	1/2	4,740.64	1/2	5,069.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,027.77	3/4	4,396.65	3/4	4,747.78	3/4	5,077.35	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,035.64	5	4,404.17	5	4,754.92	5	5,084.97	5		5		5		5		5		5	
1/4	4,043.48	1/4	4,411.67	1/4	4,762.03	1/4	5,092.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,051.32	1/2	4,419.16	1/2	4,769.15	1/2	5,100.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,059.16	3/4	4,426.66	3/4	4,776.27	3/4	5,107.84	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,067.00	6	4,434.15	6	4,783.38	6	5,115.46	6		6		6		6		6		6	
1/4	4,074.81	1/4	4,441.62	1/4	4,790.47	1/4	5,123.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,082.62	1/2	4,449.08	1/2	4,797.56	1/2	5,130.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,090.43	3/4	4,456.55	3/4	4,804.65	3/4	5,138.36	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,098.24	7	4,464.02	7	4,811.74	7	5,145.99	7		7		7		7		7		7	
1/4	4,106.02	1/4	4,471.45	1/4	4,818.80	1/4	5,153.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,113.80	1/2	4,478.88	1/2	4,825.86	1/2	5,161.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,121.58	3/4	4,486.31	3/4	4,832.92	3/4	5,168.96	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,129.36	8	4,493.74	8	4,839.98	8	5,176.62	8		8		8		8		8		8	
1/4	4,137.10	1/4	4,501.11	1/4	4,847.01	1/4	5,184.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,144.85	1/2	4,508.49	1/2	4,854.04	1/2	5,191.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,152.59	3/4	4,515.86	3/4	4,861.07	3/4	5,199.59	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,160.34	9	4,523.24	9	4,868.10	9	5,207.25	9		9		9		9		9		9	
1/4	4,168.05	1/4	4,530.58	1/4	4,875.10	1/4	5,214.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,175.77	1/2	4,537.93	1/2	4,882.10	1/2	5,221.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,183.48	3/4	4,545.27	3/4	4,889.11	3/4	5,228.71	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,191.20	10	4,552.62	10	4,896.11	10	5,235.86	10		10		10		10		10		10	
1/4	4,198.88	1/4	4,559.94	1/4	4,902.98	1/4	5,241.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,206.57	1/2	4,567.26	1/2	4,909.85	1/2	5,246.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,214.26	3/4	4,574.57	3/4	4,916.73	3/4	5,251.28	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,221.94	11	4,581.89	11	4,923.60	11	5,256.41	11		11		11		11		11		11	
1/4	4,229.60	1/4	4,589.18	1/4	4,930.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,237.26	1/2	4,596.47	1/2	4,936.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,244.92	3/4	4,603.75	3/4	4,943.22	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2015 CL
CALCULATED: 03/11/2015 CL
PRINTED: 03/12/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

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



BARGE "CTCo 356B"

2 PORT INNAGE 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	21.65	0	397.12	0	774.58	0	1,159.08	0	1,547.71	0	1,936.34	0	2,324.98	0	2,713.61	0	3,102.24	0	3,490.87
1/4	27.22	1/4	405.21	1/4	782.35	1/4	1,167.18	1/4	1,555.81	1/4	1,944.44	1/4	2,333.07	1/4	2,721.70	1/4	3,110.34	1/4	3,498.97
1/2	32.79	1/2	413.31	1/2	790.13	1/2	1,175.27	1/2	1,563.90	1/2	1,952.54	1/2	2,341.17	1/2	2,729.80	1/2	3,118.43	1/2	3,507.06
3/4	38.35	3/4	421.41	3/4	797.90	3/4	1,183.37	3/4	1,572.00	3/4	1,960.63	3/4	2,349.27	3/4	2,737.90	3/4	3,126.53	3/4	3,515.16
1	43.92	1	429.50	1	805.68	1	1,191.47	1	1,580.10	1	1,968.73	1	2,357.36	1	2,745.99	1	3,134.63	1	3,523.26
1/4	51.26	1/4	437.60	1/4	813.45	1/4	1,199.56	1/4	1,588.19	1/4	1,976.83	1/4	2,365.46	1/4	2,754.09	1/4	3,142.72	1/4	3,531.35
1/2	58.59	1/2	445.70	1/2	821.23	1/2	1,207.66	1/2	1,596.29	1/2	1,984.92	1/2	2,373.55	1/2	2,762.19	1/2	3,150.82	1/2	3,539.45
3/4	65.93	3/4	453.79	3/4	829.00	3/4	1,215.76	3/4	1,604.39	3/4	1,993.02	3/4	2,381.65	3/4	2,770.28	3/4	3,158.92	3/4	3,547.55
2	73.27	2	461.89	2	836.78	2	1,223.85	2	1,612.48	2	2,001.12	2	2,389.75	2	2,778.38	2	3,167.01	2	3,555.64
1/4	81.37	1/4	469.95	1/4	844.60	1/4	1,231.95	1/4	1,620.58	1/4	2,009.21	1/4	2,397.84	1/4	2,786.48	1/4	3,175.11	1/4	3,563.74
1/2	89.46	1/2	478.01	1/2	852.42	1/2	1,240.04	1/2	1,628.68	1/2	2,017.31	1/2	2,405.94	1/2	2,794.57	1/2	3,183.20	1/2	3,571.84
3/4	97.56	3/4	486.07	3/4	860.24	3/4	1,248.14	3/4	1,636.77	3/4	2,025.41	3/4	2,414.04	3/4	2,802.67	3/4	3,191.30	3/4	3,579.93
3	105.66	3	494.12	3	868.07	3	1,256.24	3	1,644.87	3	2,033.50	3	2,422.13	3	2,810.77	3	3,199.40	3	3,588.03
1/4	113.75	1/4	502.03	1/4	876.05	1/4	1,264.33	1/4	1,652.97	1/4	2,041.60	1/4	2,430.23	1/4	2,818.86	1/4	3,207.49	1/4	3,596.13
1/2	121.85	1/2	509.93	1/2	884.03	1/2	1,272.43	1/2	1,661.06	1/2	2,049.69	1/2	2,438.33	1/2	2,826.96	1/2	3,215.59	1/2	3,604.22
3/4	129.94	3/4	517.84	3/4	892.01	3/4	1,280.53	3/4	1,669.16	3/4	2,057.79	3/4	2,446.42	3/4	2,835.06	3/4	3,223.69	3/4	3,612.32
4	138.04	4	525.74	4	899.99	4	1,288.62	4	1,677.26	4	2,065.89	4	2,454.52	4	2,843.15	4	3,231.78	4	3,620.42
1/4	146.14	1/4	533.53	1/4	908.09	1/4	1,296.72	1/4	1,685.35	1/4	2,073.98	1/4	2,462.62	1/4	2,851.25	1/4	3,239.88	1/4	3,628.51
1/2	154.23	1/2	541.32	1/2	916.18	1/2	1,304.82	1/2	1,693.45	1/2	2,082.08	1/2	2,470.71	1/2	2,859.34	1/2	3,247.98	1/2	3,636.61
3/4	162.33	3/4	549.10	3/4	924.28	3/4	1,312.91	3/4	1,701.55	3/4	2,090.18	3/4	2,478.81	3/4	2,867.44	3/4	3,256.07	3/4	3,644.71
5	170.42	5	556.89	5	932.38	5	1,321.01	5	1,709.64	5	2,098.27	5	2,486.91	5	2,875.54	5	3,264.17	5	3,652.80
1/4	178.52	1/4	564.67	1/4	940.47	1/4	1,329.11	1/4	1,717.74	1/4	2,106.37	1/4	2,495.00	1/4	2,883.63	1/4	3,272.27	1/4	3,660.90
1/2	186.62	1/2	572.45	1/2	948.57	1/2	1,337.20	1/2	1,725.83	1/2	2,114.47	1/2	2,503.10	1/2	2,891.73	1/2	3,280.36	1/2	3,668.99
3/4	194.71	3/4	580.23	3/4	956.67	3/4	1,345.30	3/4	1,733.93	3/4	2,122.56	3/4	2,511.20	3/4	2,899.83	3/4	3,288.46	3/4	3,677.09
6	202.81	6	588.01	6	964.76	6	1,353.40	6	1,742.03	6	2,130.66	6	2,519.29	6	2,907.92	6	3,296.56	6	3,685.19
1/4	210.91	1/4	595.78	1/4	972.86	1/4	1,361.49	1/4	1,750.12	1/4	2,138.76	1/4	2,527.39	1/4	2,916.02	1/4	3,304.65	1/4	3,693.28
1/2	219.00	1/2	603.56	1/2	980.96	1/2	1,369.59	1/2	1,758.22	1/2	2,146.85	1/2	2,535.48	1/2	2,924.12	1/2	3,312.75	1/2	3,701.38
3/4	227.10	3/4	611.33	3/4	989.05	3/4	1,377.69	3/4	1,766.32	3/4	2,154.95	3/4	2,543.58	3/4	2,932.21	3/4	3,320.85	3/4	3,709.48
7	235.19	7	619.11	7	997.15	7	1,385.78	7	1,774.41	7	2,163.05	7	2,551.68	7	2,940.31	7	3,328.94	7	3,717.57
1/4	243.29	1/4	626.88	1/4	1,005.25	1/4	1,393.88	1/4	1,782.51	1/4	2,171.14	1/4	2,559.77	1/4	2,948.41	1/4	3,337.04	1/4	3,725.67
1/2	251.39	1/2	634.65	1/2	1,013.34	1/2	1,401.97	1/2	1,790.61	1/2	2,179.24	1/2	2,567.87	1/2	2,956.50	1/2	3,345.13	1/2	3,733.77
3/4	259.48	3/4	642.43	3/4	1,021.44	3/4	1,410.07	3/4	1,798.70	3/4	2,187.34	3/4	2,575.97	3/4	2,964.60	3/4	3,353.23	3/4	3,741.86
8	267.58	8	650.20	8	1,029.54	8	1,418.17	8	1,806.80	8	2,195.43	8	2,584.06	8	2,972.70	8	3,361.33	8	3,749.96
1/4	275.68	1/4	657.97	1/4	1,037.63	1/4	1,426.26	1/4	1,814.90	1/4	2,203.53	1/4	2,592.16	1/4	2,980.79	1/4	3,369.42	1/4	3,758.06
1/2	283.77	1/2	665.75	1/2	1,045.73	1/2	1,434.36	1/2	1,822.99	1/2	2,211.62	1/2	2,600.26	1/2	2,988.89	1/2	3,377.52	1/2	3,766.15
3/4	291.87	3/4	673.52	3/4	1,053.83	3/4	1,442.46	3/4	1,831.09	3/4	2,219.72	3/4	2,608.35	3/4	2,996.99	3/4	3,385.62	3/4	3,774.25
9	299.96	9	681.29	9	1,061.92	9	1,450.55	9	1,839.19	9	2,227.82	9	2,616.45	9	3,005.08	9	3,393.71	9	3,782.35
1/4	308.06	1/4	689.07	1/4	1,070.02	1/4	1,458.65	1/4	1,847.28	1/4	2,235.91	1/4	2,624.55	1/4	3,013.18	1/4	3,401.81	1/4	3,790.44
1/2	316.16	1/2	696.84	1/2	1,078.11	1/2	1,466.75	1/2	1,855.38	1/2	2,244.01	1/2	2,632.64	1/2	3,021.27	1/2	3,409.91	1/2	3,798.54
3/4	324.25	3/4	704.61	3/4	1,086.21	3/4	1,474.84	3/4	1,863.48	3/4	2,252.11	3/4	2,640.74	3/4	3,029.37	3/4	3,418.00	3/4	3,806.64
10	332.35	10	712.39	10	1,094.31	10	1,482.94	10	1,871.57	10	2,260.20	10	2,648.84	10	3,037.47	10	3,426.10	10	3,814.73
1/4	340.44	1/4	720.16	1/4	1,102.40	1/4	1,491.04	1/4	1,879.67	1/4	2,268.30	1/4	2,656.93	1/4	3,045.56	1/4	3,434.20	1/4	3,822.81
1/2	348.54	1/2	727.93	1/2	1,110.50	1/2	1,499.13	1/2	1,887.76	1/2	2,276.40	1/2	2,665.03	1/2	3,053.66	1/2	3,442.29	1/2	3,830.88
3/4	356.64	3/4	735.71	3/4	1,118.60	3/4	1,507.23	3/4	1,895.86	3/4	2,284.49	3/4	2,673.13	3/4	3,061.76	3/4	3,450.39	3/4	3,838.96
11	364.73	11	743.48	11	1,126.69	11	1,515.33	11	1,903.96	11	2,292.59	11	2,681.22	11	3,069.85	11	3,458.49	11	3,847.03
1/4	372.83	1/4	751.26	1/4	1,134.79	1/4	1,523.42	1/4	1,912.05	1/4	2,300.69	1/4	2,689.32	1/4	3,077.95	1/4	3,466.58	1/4	3,855.08
1/2	380.93	1/2	759.03	1/2	1,142.89	1/2	1,531.52	1/2	1,920.15	1/2	2,308.78	1/2	2,697.41	1/2	3,086.05	1/2	3,474.68	1/2	3,863.13
3/4	389.02	3/4	766.81	3/4	1,150.98	3/4	1,539.62	3/4	1,928.25	3/4	2,316.88	3/4	2,705.51	3/4	3,094.14	3/4	3,482.78	3/4	3,871.17

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-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 356B"

2 PORT INNAGE 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	3,879.22	0	4,256.25	0	4,616.14	0	4,955.63	0		0		0		0		0		0	
1/4	3,887.24	1/4	4,263.91	1/4	4,623.42	1/4	4,962.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,895.25	1/2	4,271.58	1/2	4,630.69	1/2	4,968.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,903.27	3/4	4,279.24	3/4	4,637.96	3/4	4,975.02	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,911.29	1	4,286.90	1	4,645.24	1	4,981.49	1		1		1		1		1		1	
1/4	3,919.28	1/4	4,294.55	1/4	4,652.48	1/4	4,987.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,927.26	1/2	4,302.19	1/2	4,659.73	1/2	4,994.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,935.25	3/4	4,309.83	3/4	4,666.97	3/4	5,000.79	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,943.24	2	4,317.48	2	4,674.22	2	5,007.23	2		2		2		2		2		2	
1/4	3,951.20	1/4	4,325.09	1/4	4,681.43	1/4	5,013.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,959.16	1/2	4,332.70	1/2	4,688.65	1/2	5,020.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,967.12	3/4	4,340.32	3/4	4,695.87	3/4	5,026.45	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,975.08	3	4,347.93	3	4,703.08	3	5,032.85	3		3		3		3		3		3	
1/4	3,983.01	1/4	4,355.52	1/4	4,710.27	1/4	5,039.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,990.94	1/2	4,363.10	1/2	4,717.46	1/2	5,046.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,998.87	3/4	4,370.69	3/4	4,724.65	3/4	5,052.90	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,006.80	4	4,378.27	4	4,731.83	4	5,059.59	4		4		4		4		4		4	
1/4	4,014.71	1/4	4,385.83	1/4	4,739.00	1/4	5,067.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,022.61	1/2	4,393.38	1/2	4,746.16	1/2	5,074.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,030.51	3/4	4,400.94	3/4	4,753.32	3/4	5,082.33	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,038.41	5	4,408.50	5	4,760.48	5	5,089.91	5		5		5		5		5		5	
1/4	4,046.28	1/4	4,416.02	1/4	4,767.62	1/4	5,097.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,054.16	1/2	4,423.55	1/2	4,774.76	1/2	5,105.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,062.03	3/4	4,431.08	3/4	4,781.90	3/4	5,112.65	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,069.90	6	4,438.61	6	4,789.04	6	5,120.23	6		6		6		6		6		6	
1/4	4,077.75	1/4	4,446.10	1/4	4,796.16	1/4	5,127.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,085.59	1/2	4,453.60	1/2	4,803.27	1/2	5,135.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,093.44	3/4	4,461.10	3/4	4,810.38	3/4	5,143.00	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,101.28	7	4,468.60	7	4,817.49	7	5,150.59	7		7		7		7		7		7	
1/4	4,109.10	1/4	4,476.06	1/4	4,824.58	1/4	5,158.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,116.91	1/2	4,483.52	1/2	4,831.66	1/2	5,165.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,124.72	3/4	4,490.98	3/4	4,838.74	3/4	5,173.46	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,132.53	8	4,498.44	8	4,845.83	8	5,181.08	8		8		8		8		8		8	
1/4	4,140.31	1/4	4,505.84	1/4	4,852.88	1/4	5,188.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,148.08	1/2	4,513.24	1/2	4,859.94	1/2	5,196.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,155.86	3/4	4,520.64	3/4	4,866.99	3/4	5,203.94	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,163.64	9	4,528.04	9	4,874.05	9	5,211.56	9		9		9		9		9		9	
1/4	4,171.38	1/4	4,535.41	1/4	4,881.07	1/4	5,218.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,179.13	1/2	4,542.78	1/2	4,888.10	1/2	5,225.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,186.88	3/4	4,550.16	3/4	4,895.12	3/4	5,232.91	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,194.62	10	4,557.53	10	4,902.15	10	5,240.02	10		10		10		10		10		10	
1/4	4,202.34	1/4	4,564.87	1/4	4,909.03	1/4	5,245.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,210.06	1/2	4,572.21	1/2	4,915.91	1/2	5,250.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,217.78	3/4	4,579.56	3/4	4,922.78	3/4	5,255.29	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,225.50	11	4,586.90	11	4,929.66	11	5,260.38	11		11		11		11		11		11	
1/4	4,233.18	1/4	4,594.21	1/4	4,936.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,240.87	1/2	4,601.52	1/2	4,942.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,248.56	3/4	4,608.83	3/4	4,949.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2015 CL
CALCULATED: 03/11/2015 CL
PRINTED: 03/12/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

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



BARGE "CTCo 356B"

2 STBD INNAGE 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	21.63	0	396.77	0	784.61	0	1,172.75	0	1,561.05	0	1,949.34	0	2,337.63	0	2,725.92	0	3,114.21	0	3,502.50
1/4	27.19	1/4	404.86	1/4	792.68	1/4	1,180.84	1/4	1,569.14	1/4	1,957.43	1/4	2,345.72	1/4	2,734.01	1/4	3,122.30	1/4	3,510.59
1/2	32.75	1/2	412.95	1/2	800.76	1/2	1,188.93	1/2	1,577.22	1/2	1,965.52	1/2	2,353.81	1/2	2,742.10	1/2	3,130.39	1/2	3,518.68
3/4	38.32	3/4	421.04	3/4	808.83	3/4	1,197.02	3/4	1,585.31	3/4	1,973.61	3/4	2,361.90	3/4	2,750.19	3/4	3,138.48	3/4	3,526.77
1	43.88	1	429.12	1	816.90	1	1,205.11	1	1,593.40	1	1,981.69	1	2,369.99	1	2,758.28	1	3,146.57	1	3,534.86
1/4	51.21	1/4	437.21	1/4	824.98	1/4	1,213.20	1/4	1,601.49	1/4	1,989.78	1/4	2,378.08	1/4	2,766.37	1/4	3,154.66	1/4	3,542.95
1/2	58.54	1/2	445.30	1/2	833.06	1/2	1,221.29	1/2	1,609.58	1/2	1,997.87	1/2	2,386.16	1/2	2,774.46	1/2	3,162.75	1/2	3,551.04
3/4	65.87	3/4	453.39	3/4	841.13	3/4	1,229.38	3/4	1,617.67	3/4	2,005.96	3/4	2,394.25	3/4	2,782.55	3/4	3,170.84	3/4	3,559.13
2	73.20	2	461.48	2	849.21	2	1,237.47	2	1,625.76	2	2,014.05	2	2,402.34	2	2,790.63	2	3,178.93	2	3,567.22
1/4	81.29	1/4	469.57	1/4	857.29	1/4	1,245.56	1/4	1,633.85	1/4	2,022.14	1/4	2,410.43	1/4	2,798.72	1/4	3,187.02	1/4	3,575.31
1/2	89.38	1/2	477.66	1/2	865.37	1/2	1,253.65	1/2	1,641.94	1/2	2,030.23	1/2	2,418.52	1/2	2,806.81	1/2	3,195.10	1/2	3,583.40
3/4	97.47	3/4	485.75	3/4	873.45	3/4	1,261.74	3/4	1,650.03	3/4	2,038.32	3/4	2,426.61	3/4	2,814.90	3/4	3,203.19	3/4	3,591.49
3	105.56	3	493.84	3	881.54	3	1,269.83	3	1,658.12	3	2,046.41	3	2,434.70	3	2,822.99	3	3,211.28	3	3,599.57
1/4	113.65	1/4	501.93	1/4	889.63	1/4	1,277.92	1/4	1,666.21	1/4	2,054.50	1/4	2,442.79	1/4	2,831.08	1/4	3,219.37	1/4	3,607.66
1/2	121.74	1/2	510.02	1/2	897.71	1/2	1,286.01	1/2	1,674.30	1/2	2,062.59	1/2	2,450.88	1/2	2,839.17	1/2	3,227.46	1/2	3,615.75
3/4	129.83	3/4	518.10	3/4	905.80	3/4	1,294.10	3/4	1,682.39	3/4	2,070.68	3/4	2,458.97	3/4	2,847.26	3/4	3,235.55	3/4	3,623.84
4	137.92	4	526.19	4	913.89	4	1,302.18	4	1,690.48	4	2,078.77	4	2,467.06	4	2,855.35	4	3,243.64	4	3,631.93
1/4	146.01	1/4	534.28	1/4	921.98	1/4	1,310.27	1/4	1,698.57	1/4	2,086.86	1/4	2,475.15	1/4	2,863.44	1/4	3,251.73	1/4	3,640.02
1/2	154.09	1/2	542.37	1/2	930.07	1/2	1,318.36	1/2	1,706.65	1/2	2,094.95	1/2	2,483.24	1/2	2,871.53	1/2	3,259.82	1/2	3,648.11
3/4	162.18	3/4	550.45	3/4	938.16	3/4	1,326.45	3/4	1,714.74	3/4	2,103.04	3/4	2,491.33	3/4	2,879.62	3/4	3,267.91	3/4	3,656.20
5	170.27	5	558.54	5	946.25	5	1,334.54	5	1,722.83	5	2,111.12	5	2,499.42	5	2,887.71	5	3,276.00	5	3,664.29
1/4	178.36	1/4	566.62	1/4	954.34	1/4	1,342.63	1/4	1,730.92	1/4	2,119.21	1/4	2,507.51	1/4	2,895.80	1/4	3,284.09	1/4	3,672.38
1/2	186.45	1/2	574.70	1/2	962.43	1/2	1,350.72	1/2	1,739.01	1/2	2,127.30	1/2	2,515.59	1/2	2,903.89	1/2	3,292.18	1/2	3,680.47
3/4	194.54	3/4	582.78	3/4	970.52	3/4	1,358.81	3/4	1,747.10	3/4	2,135.39	3/4	2,523.68	3/4	2,911.98	3/4	3,300.27	3/4	3,688.56
6	202.63	6	590.85	6	978.61	6	1,366.90	6	1,755.19	6	2,143.48	6	2,531.77	6	2,920.06	6	3,308.36	6	3,696.65
1/4	210.72	1/4	598.93	1/4	986.70	1/4	1,374.99	1/4	1,763.28	1/4	2,151.57	1/4	2,539.86	1/4	2,928.15	1/4	3,316.45	1/4	3,704.74
1/2	218.81	1/2	607.00	1/2	994.79	1/2	1,383.08	1/2	1,771.37	1/2	2,159.66	1/2	2,547.95	1/2	2,936.24	1/2	3,324.53	1/2	3,712.83
3/4	226.90	3/4	615.07	3/4	1,002.88	3/4	1,391.17	3/4	1,779.46	3/4	2,167.75	3/4	2,556.04	3/4	2,944.33	3/4	3,332.62	3/4	3,720.92
7	234.99	7	623.15	7	1,010.97	7	1,399.26	7	1,787.55	7	2,175.84	7	2,564.13	7	2,952.42	7	3,340.71	7	3,729.00
1/4	243.07	1/4	631.22	1/4	1,019.06	1/4	1,407.35	1/4	1,795.64	1/4	2,183.93	1/4	2,572.22	1/4	2,960.51	1/4	3,348.80	1/4	3,737.09
1/2	251.16	1/2	639.29	1/2	1,027.15	1/2	1,415.44	1/2	1,803.73	1/2	2,192.02	1/2	2,580.31	1/2	2,968.60	1/2	3,356.89	1/2	3,745.18
3/4	259.25	3/4	647.37	3/4	1,035.23	3/4	1,423.53	3/4	1,811.82	3/4	2,200.11	3/4	2,588.40	3/4	2,976.69	3/4	3,364.98	3/4	3,753.27
8	267.34	8	655.44	8	1,043.32	8	1,431.62	8	1,819.91	8	2,208.20	8	2,596.49	8	2,984.78	8	3,373.07	8	3,761.36
1/4	275.43	1/4	663.51	1/4	1,051.41	1/4	1,439.70	1/4	1,828.00	1/4	2,216.29	1/4	2,604.58	1/4	2,992.87	1/4	3,381.16	1/4	3,769.45
1/2	283.52	1/2	671.59	1/2	1,059.50	1/2	1,447.79	1/2	1,836.09	1/2	2,224.38	1/2	2,612.67	1/2	3,000.96	1/2	3,389.25	1/2	3,777.54
3/4	291.61	3/4	679.66	3/4	1,067.59	3/4	1,455.88	3/4	1,844.17	3/4	2,232.47	3/4	2,620.76	3/4	3,009.05	3/4	3,397.34	3/4	3,785.63
9	299.70	9	687.73	9	1,075.68	9	1,463.97	9	1,852.26	9	2,240.56	9	2,628.85	9	3,017.14	9	3,405.43	9	3,793.72
1/4	307.79	1/4	695.80	1/4	1,083.77	1/4	1,472.06	1/4	1,860.35	1/4	2,248.64	1/4	2,636.94	1/4	3,025.23	1/4	3,413.52	1/4	3,801.80
1/2	315.88	1/2	703.88	1/2	1,091.86	1/2	1,480.15	1/2	1,868.44	1/2	2,256.73	1/2	2,645.03	1/2	3,033.32	1/2	3,421.61	1/2	3,809.88
3/4	323.97	3/4	711.95	3/4	1,099.95	3/4	1,488.24	3/4	1,876.53	3/4	2,264.82	3/4	2,653.11	3/4	3,041.41	3/4	3,429.70	3/4	3,817.96
10	332.05	10	720.02	10	1,108.04	10	1,496.33	10	1,884.62	10	2,272.91	10	2,661.20	10	3,049.50	10	3,437.79	10	3,826.04
1/4	340.14	1/4	728.10	1/4	1,116.13	1/4	1,504.42	1/4	1,892.71	1/4	2,281.00	1/4	2,669.29	1/4	3,057.58	1/4	3,445.88	1/4	3,834.10
1/2	348.23	1/2	736.17	1/2	1,124.22	1/2	1,512.51	1/2	1,900.80	1/2	2,289.09	1/2	2,677.38	1/2	3,065.67	1/2	3,453.97	1/2	3,842.17
3/4	356.32	3/4	744.24	3/4	1,132.31	3/4	1,520.60	3/4	1,908.89	3/4	2,297.18	3/4	2,685.47	3/4	3,073.76	3/4	3,462.05	3/4	3,850.24
11	364.41	11	752.32	11	1,140.40	11	1,528.69	11	1,916.98	11	2,305.27	11	2,693.56	11	3,081.85	11	3,470.14	11	3,858.31
1/4	372.50	1/4	760.39	1/4	1,148.49	1/4	1,536.78	1/4	1,925.07	1/4	2,313.36	1/4	2,701.65	1/4	3,089.94	1/4	3,478.23	1/4	3,866.35
1/2	380.59	1/2	768.46	1/2	1,156.58	1/2	1,544.87	1/2	1,933.16	1/2	2,321.45	1/2	2,709.74	1/2	3,098.03	1/2	3,486.32	1/2	3,874.39
3/4	388.68	3/4	776.54	3/4	1,164.67	3/4	1,552.96	3/4	1,941.25	3/4	2,329.54	3/4	2,717.83	3/4	3,106.12	3/4	3,494.41	3/4	3,882.43

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-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 356B"

2 STBD INNAGE 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	3,890.46	0	4,267.19	0	4,626.82	0	4,966.11	0		0		0		0		0		0	
1/4	3,898.47	1/4	4,274.84	1/4	4,634.09	1/4	4,972.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,906.48	1/2	4,282.50	1/2	4,641.36	1/2	4,979.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,914.50	3/4	4,290.16	3/4	4,648.63	3/4	4,985.49	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,922.51	1	4,297.82	1	4,655.89	1	4,991.96	1		1		1		1		1		1	
1/4	3,930.49	1/4	4,305.45	1/4	4,663.13	1/4	4,998.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,938.47	1/2	4,313.09	1/2	4,670.38	1/2	5,004.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,946.45	3/4	4,320.73	3/4	4,677.62	3/4	5,011.25	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,954.43	2	4,328.36	2	4,684.86	2	5,017.69	2		2		2		2		2		2	
1/4	3,962.38	1/4	4,335.97	1/4	4,692.07	1/4	5,024.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,970.34	1/2	4,343.58	1/2	4,699.28	1/2	5,030.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,978.29	3/4	4,351.19	3/4	4,706.49	3/4	5,036.90	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,986.24	3	4,358.80	3	4,713.70	3	5,043.30	3		3		3		3		3		3	
1/4	3,994.17	1/4	4,366.37	1/4	4,720.89	1/4	5,049.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,002.09	1/2	4,373.95	1/2	4,728.07	1/2	5,056.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,010.02	3/4	4,381.53	3/4	4,735.25	3/4	5,063.35	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,017.94	4	4,389.11	4	4,742.44	4	5,070.03	4		4		4		4		4		4	
1/4	4,025.84	1/4	4,396.66	1/4	4,749.59	1/4	5,077.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,033.73	1/2	4,404.21	1/2	4,756.75	1/2	5,085.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,041.63	3/4	4,411.76	3/4	4,763.91	3/4	5,092.75	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,049.52	5	4,419.32	5	4,771.06	5	5,100.33	5		5		5		5		5		5	
1/4	4,057.39	1/4	4,426.84	1/4	4,778.20	1/4	5,107.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,065.25	1/2	4,434.36	1/2	4,785.34	1/2	5,115.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,073.12	3/4	4,441.88	3/4	4,792.47	3/4	5,123.05	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,080.99	6	4,449.40	6	4,799.61	6	5,130.63	6		6		6		6		6		6	
1/4	4,088.83	1/4	4,456.90	1/4	4,806.72	1/4	5,138.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,096.66	1/2	4,464.39	1/2	4,813.83	1/2	5,145.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,104.50	3/4	4,471.88	3/4	4,820.93	3/4	5,153.38	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,112.34	7	4,479.38	7	4,828.04	7	5,160.96	7		7		7		7		7		7	
1/4	4,120.15	1/4	4,486.83	1/4	4,835.12	1/4	5,168.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,127.95	1/2	4,494.28	1/2	4,842.20	1/2	5,176.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,135.76	3/4	4,501.74	3/4	4,849.28	3/4	5,183.81	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,143.57	8	4,509.19	8	4,856.36	8	5,191.43	8		8		8		8		8		8	
1/4	4,151.34	1/4	4,516.59	1/4	4,863.41	1/4	5,199.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,159.10	1/2	4,523.98	1/2	4,870.46	1/2	5,206.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,166.87	3/4	4,531.38	3/4	4,877.51	3/4	5,214.27	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,174.64	9	4,538.77	9	4,884.56	9	5,221.89	9		9		9		9		9		9	
1/4	4,182.38	1/4	4,546.14	1/4	4,891.58	1/4	5,229.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,190.12	1/2	4,553.51	1/2	4,898.61	1/2	5,236.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,197.87	3/4	4,560.87	3/4	4,905.63	3/4	5,243.22	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,205.61	10	4,568.24	10	4,912.65	10	5,250.32	10		10		10		10		10		10	
1/4	4,213.32	1/4	4,575.58	1/4	4,919.52	1/4	5,255.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,221.03	1/2	4,582.92	1/2	4,926.40	1/2	5,260.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,228.74	3/4	4,590.25	3/4	4,933.27	3/4	5,265.58	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,236.45	11	4,597.59	11	4,940.15	11	5,270.67	11		11		11		11		11		11	
1/4	4,244.14	1/4	4,604.90	1/4	4,946.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,251.82	1/2	4,612.21	1/2	4,953.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,259.50	3/4	4,619.51	3/4	4,959.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2015 CL
CALCULATED: 03/11/2015 CL
PRINTED: 03/12/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

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



BARGE "CTCo 356B"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 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	21.66	0	397.22	0	775.47	0	1,160.25	0	1,548.71	0	1,936.41	0	2,324.77	0	2,713.39	0	3,101.62	0	3,489.45
1/4	27.22	1/4	405.32	1/4	783.27	1/4	1,168.34	1/4	1,556.80	1/4	1,944.49	1/4	2,332.87	1/4	2,721.48	1/4	3,109.71	1/4	3,497.53
1/2	32.79	1/2	413.42	1/2	791.07	1/2	1,176.44	1/2	1,564.90	1/2	1,952.56	1/2	2,340.96	1/2	2,729.58	1/2	3,117.80	1/2	3,505.61
3/4	38.36	3/4	421.51	3/4	798.87	3/4	1,184.53	3/4	1,572.99	3/4	1,960.63	3/4	2,349.06	3/4	2,737.68	3/4	3,125.89	3/4	3,513.69
1	43.93	1	429.61	1	806.67	1	1,192.62	1	1,581.08	1	1,968.70	1	2,357.15	1	2,745.77	1	3,133.97	1	3,521.77
1/4	51.27	1/4	437.71	1/4	814.48	1/4	1,200.72	1/4	1,589.18	1/4	1,976.78	1/4	2,365.25	1/4	2,753.87	1/4	3,142.06	1/4	3,529.85
1/2	58.61	1/2	445.81	1/2	822.29	1/2	1,208.81	1/2	1,597.27	1/2	1,984.85	1/2	2,373.35	1/2	2,761.96	1/2	3,150.15	1/2	3,537.94
3/4	65.95	3/4	453.91	3/4	830.10	3/4	1,216.90	3/4	1,605.36	3/4	1,992.92	3/4	2,381.44	3/4	2,770.05	3/4	3,158.23	3/4	3,546.02
2	73.29	2	462.01	2	837.91	2	1,225.00	2	1,613.45	2	2,000.99	2	2,389.54	2	2,778.15	2	3,166.32	2	3,554.11
1/4	81.39	1/4	470.07	1/4	845.76	1/4	1,233.09	1/4	1,621.54	1/4	2,009.07	1/4	2,397.64	1/4	2,786.24	1/4	3,174.41	1/4	3,562.20
1/2	89.48	1/2	478.13	1/2	853.61	1/2	1,241.18	1/2	1,629.63	1/2	2,017.15	1/2	2,405.73	1/2	2,794.32	1/2	3,182.49	1/2	3,570.28
3/4	97.58	3/4	486.19	3/4	861.46	3/4	1,249.27	3/4	1,637.72	3/4	2,025.23	3/4	2,413.83	3/4	2,802.41	3/4	3,190.58	3/4	3,578.37
3	105.68	3	494.25	3	869.31	3	1,257.37	3	1,645.81	3	2,033.31	3	2,421.92	3	2,810.50	3	3,198.67	3	3,586.46
1/4	113.78	1/4	502.16	1/4	877.30	1/4	1,265.46	1/4	1,653.88	1/4	2,041.40	1/4	2,430.02	1/4	2,818.58	1/4	3,206.75	1/4	3,594.55
1/2	121.88	1/2	510.08	1/2	885.30	1/2	1,273.55	1/2	1,661.95	1/2	2,049.50	1/2	2,438.12	1/2	2,826.67	1/2	3,214.84	1/2	3,602.63
3/4	129.98	3/4	517.99	3/4	893.29	3/4	1,281.65	3/4	1,670.02	3/4	2,057.60	3/4	2,446.21	3/4	2,834.76	3/4	3,222.92	3/4	3,610.72
4	138.07	4	525.91	4	901.28	4	1,289.74	4	1,678.10	4	2,065.69	4	2,454.31	4	2,842.84	4	3,231.00	4	3,618.81
1/4	146.17	1/4	533.72	1/4	909.37	1/4	1,297.83	1/4	1,686.17	1/4	2,073.79	1/4	2,462.41	1/4	2,850.93	1/4	3,239.08	1/4	3,626.90
1/2	154.27	1/2	541.53	1/2	917.46	1/2	1,305.92	1/2	1,694.24	1/2	2,081.88	1/2	2,470.50	1/2	2,859.02	1/2	3,247.16	1/2	3,634.99
3/4	162.37	3/4	549.34	3/4	925.56	3/4	1,314.02	3/4	1,702.31	3/4	2,089.98	3/4	2,478.60	3/4	2,867.10	3/4	3,255.23	3/4	3,643.08
5	170.47	5	557.15	5	933.65	5	1,322.11	5	1,710.39	5	2,098.08	5	2,486.69	5	2,875.19	5	3,263.31	5	3,651.17
1/4	178.57	1/4	564.95	1/4	941.74	1/4	1,330.20	1/4	1,718.46	1/4	2,106.17	1/4	2,494.79	1/4	2,883.28	1/4	3,271.39	1/4	3,659.26
1/2	186.66	1/2	572.75	1/2	949.84	1/2	1,338.30	1/2	1,726.53	1/2	2,114.27	1/2	2,502.89	1/2	2,891.37	1/2	3,279.46	1/2	3,667.34
3/4	194.76	3/4	580.55	3/4	957.93	3/4	1,346.39	3/4	1,734.60	3/4	2,122.36	3/4	2,510.98	3/4	2,899.45	3/4	3,287.54	3/4	3,675.43
6	202.86	6	588.36	6	966.02	6	1,354.48	6	1,742.68	6	2,130.46	6	2,519.08	6	2,907.54	6	3,295.62	6	3,683.52
1/4	210.96	1/4	596.15	1/4	974.12	1/4	1,362.57	1/4	1,750.75	1/4	2,138.56	1/4	2,527.17	1/4	2,915.63	1/4	3,303.69	1/4	3,691.61
1/2	219.06	1/2	603.95	1/2	982.21	1/2	1,370.67	1/2	1,758.82	1/2	2,146.65	1/2	2,535.27	1/2	2,923.71	1/2	3,311.77	1/2	3,699.70
3/4	227.16	3/4	611.75	3/4	990.30	3/4	1,378.76	3/4	1,766.89	3/4	2,154.75	3/4	2,543.37	3/4	2,931.80	3/4	3,319.85	3/4	3,707.80
7	235.25	7	619.54	7	998.39	7	1,386.85	7	1,774.97	7	2,162.85	7	2,551.46	7	2,939.89	7	3,327.92	7	3,715.89
1/4	243.35	1/4	627.34	1/4	1,006.49	1/4	1,394.95	1/4	1,783.04	1/4	2,170.94	1/4	2,559.56	1/4	2,947.97	1/4	3,336.00	1/4	3,723.99
1/2	251.45	1/2	635.14	1/2	1,014.58	1/2	1,403.04	1/2	1,791.11	1/2	2,179.04	1/2	2,567.66	1/2	2,956.06	1/2	3,344.07	1/2	3,732.09
3/4	259.55	3/4	642.93	3/4	1,022.67	3/4	1,411.13	3/4	1,799.18	3/4	2,187.13	3/4	2,575.75	3/4	2,964.15	3/4	3,352.15	3/4	3,740.18
8	267.65	8	650.73	8	1,030.77	8	1,419.22	8	1,807.26	8	2,195.23	8	2,583.85	8	2,972.23	8	3,360.23	8	3,748.28
1/4	275.75	1/4	658.52	1/4	1,038.86	1/4	1,427.32	1/4	1,815.33	1/4	2,203.33	1/4	2,591.94	1/4	2,980.32	1/4	3,368.30	1/4	3,756.38
1/2	283.84	1/2	666.32	1/2	1,046.95	1/2	1,435.41	1/2	1,823.40	1/2	2,211.42	1/2	2,600.04	1/2	2,988.41	1/2	3,376.38	1/2	3,764.48
3/4	291.94	3/4	674.12	3/4	1,055.04	3/4	1,443.50	3/4	1,831.47	3/4	2,219.52	3/4	2,608.14	3/4	2,996.49	3/4	3,384.46	3/4	3,772.58
9	300.04	9	681.91	9	1,063.14	9	1,451.60	9	1,839.54	9	2,227.62	9	2,616.23	9	3,004.58	9	3,392.53	9	3,780.68
1/4	308.14	1/4	689.71	1/4	1,071.23	1/4	1,459.69	1/4	1,847.62	1/4	2,235.71	1/4	2,624.33	1/4	3,012.67	1/4	3,400.61	1/4	3,788.78
1/2	316.24	1/2	697.50	1/2	1,079.32	1/2	1,467.78	1/2	1,855.69	1/2	2,243.81	1/2	2,632.43	1/2	3,020.76	1/2	3,408.69	1/2	3,796.87
3/4	324.34	3/4	705.30	3/4	1,087.42	3/4	1,475.87	3/4	1,863.76	3/4	2,251.90	3/4	2,640.52	3/4	3,028.84	3/4	3,416.76	3/4	3,804.97
10	332.43	10	713.10	10	1,095.51	10	1,483.97	10	1,871.83	10	2,260.00	10	2,648.62	10	3,036.93	10	3,424.84	10	3,813.06
1/4	340.53	1/4	720.89	1/4	1,103.60	1/4	1,492.06	1/4	1,879.91	1/4	2,268.10	1/4	2,656.71	1/4	3,045.02	1/4	3,432.92	1/4	3,821.14
1/2	348.63	1/2	728.69	1/2	1,111.69	1/2	1,500.15	1/2	1,887.98	1/2	2,276.19	1/2	2,664.81	1/2	3,053.10	1/2	3,440.99	1/2	3,829.21
3/4	356.73	3/4	736.49	3/4	1,119.79	3/4	1,508.25	3/4	1,896.05	3/4	2,284.29	3/4	2,672.91	3/4	3,061.19	3/4	3,449.07	3/4	3,837.29
11	364.83	11	744.28	11	1,127.88	11	1,516.34	11	1,904.12	11	2,292.39	11	2,681.00	11	3,069.28	11	3,457.15	11	3,845.37
1/4	372.92	1/4	752.08	1/4	1,135.97	1/4	1,524.43	1/4	1,912.20	1/4	2,300.48	1/4	2,689.10	1/4	3,077.36	1/4	3,465.22	1/4	3,853.42
1/2	381.02	1/2	759.88	1/2	1,144.07	1/2	1,532.53	1/2	1,920.27	1/2	2,308.58	1/2	2,697.20	1/2	3,085.45	1/2	3,473.30	1/2	3,861.46
3/4	389.12	3/4	767.67	3/4	1,152.16	3/4	1,540.62	3/4	1,928.34	3/4	2,316.67	3/4	2,705.29	3/4	3,093.54	3/4	3,481.38	3/4	3,869.51

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-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 356B"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 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	3,877.56	0	4,253.78	0	4,612.46	0	4,953.63	0		0		0		0		0		0	
1/4	3,885.58	1/4	4,261.42	1/4	4,619.72	1/4	4,960.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,893.60	1/2	4,269.05	1/2	4,626.98	1/2	4,967.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,901.62	3/4	4,276.69	3/4	4,634.24	3/4	4,974.40	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,909.63	1	4,284.32	1	4,641.51	1	4,981.33	1		1		1		1		1		1	
1/4	3,917.63	1/4	4,291.93	1/4	4,648.74	1/4	4,988.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.62	1/2	4,299.55	1/2	4,655.97	1/2	4,995.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,933.61	3/4	4,307.16	3/4	4,663.20	3/4	5,002.02	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,941.60	2	4,314.77	2	4,670.43	2	5,008.91	2		2		2		2		2		2	
1/4	3,949.56	1/4	4,322.35	1/4	4,677.64	1/4	5,015.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,957.52	1/2	4,329.94	1/2	4,684.84	1/2	5,022.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,965.48	3/4	4,337.52	3/4	4,692.04	3/4	5,029.51	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,973.44	3	4,345.10	3	4,699.25	3	5,036.38	3		3		3		3		3		3	
1/4	3,981.38	1/4	4,352.66	1/4	4,706.42	1/4	5,043.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,989.31	1/2	4,360.21	1/2	4,713.59	1/2	5,050.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,997.24	3/4	4,367.77	3/4	4,720.77	3/4	5,057.81	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,005.18	4	4,375.32	4	4,727.94	4	5,064.95	4		4		4		4		4		4	
1/4	4,013.07	1/4	4,382.85	1/4	4,735.09	1/4	5,072.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,020.97	1/2	4,390.38	1/2	4,742.24	1/2	5,081.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,028.86	3/4	4,397.90	3/4	4,749.39	3/4	5,089.06	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,036.76	5	4,405.43	5	4,756.54	5	5,097.10	5		5		5		5		5		5	
1/4	4,044.60	1/4	4,412.93	1/4	4,763.66	1/4	5,105.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,052.44	1/2	4,420.42	1/2	4,770.79	1/2	5,113.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,060.28	3/4	4,427.92	3/4	4,777.91	3/4	5,121.20	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,068.13	6	4,435.42	6	4,785.04	6	5,129.24	6		6		6		6		6		6	
1/4	4,075.94	1/4	4,442.89	1/4	4,792.13	1/4	5,137.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,083.75	1/2	4,450.35	1/2	4,799.23	1/2	5,145.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,091.57	3/4	4,457.82	3/4	4,806.33	3/4	5,153.37	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,099.38	7	4,465.29	7	4,813.42	7	5,161.41	7		7		7		7		7		7	
1/4	4,107.16	1/4	4,472.73	1/4	4,820.49	1/4	5,169.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,114.94	1/2	4,480.16	1/2	4,827.56	1/2	5,177.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,122.73	3/4	4,487.59	3/4	4,834.63	3/4	5,185.60	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,130.51	8	4,495.02	8	4,841.69	8	5,193.67	8		8		8		8		8		8	
1/4	4,138.26	1/4	4,502.41	1/4	4,848.73	1/4	5,201.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,146.00	1/2	4,509.79	1/2	4,855.77	1/2	5,209.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,153.75	3/4	4,517.17	3/4	4,862.81	3/4	5,217.86	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,161.50	9	4,524.56	9	4,869.85	9	5,225.92	9		9		9		9		9		9	
1/4	4,169.22	1/4	4,531.91	1/4	4,876.86	1/4	5,233.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,176.94	1/2	4,539.27	1/2	4,883.87	1/2	5,241.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,184.66	3/4	4,546.62	3/4	4,890.88	3/4	5,248.60	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,192.37	10	4,553.98	10	4,897.89	10	5,256.16	10		10		10		10		10		10	
1/4	4,200.06	1/4	4,561.30	1/4	4,904.87	1/4	5,261.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,207.75	1/2	4,568.63	1/2	4,911.86	1/2	5,267.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,215.44	3/4	4,575.96	3/4	4,918.84	3/4	5,272.77	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,223.13	11	4,583.28	11	4,925.82	11	5,278.30	11		11		11		11		11		11	
1/4	4,230.80	1/4	4,590.58	1/4	4,932.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,238.46	1/2	4,597.87	1/2	4,939.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,246.12	3/4	4,605.17	3/4	4,946.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2015 CL
CALCULATED: 03/11/2015 CL
PRINTED: 03/12/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

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





BARGE "CTCo 356B"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	21.69	0	397.04	0	776.26	0	1,161.33	0	1,549.76	0	1,935.56	0	2,324.06	0	2,712.06	0	3,100.37	0	3,488.74
1/4	27.26	1/4	405.14	1/4	784.09	1/4	1,169.42	1/4	1,557.80	1/4	1,943.66	1/4	2,332.15	1/4	2,720.14	1/4	3,108.46	1/4	3,496.84
1/2	32.83	1/2	413.23	1/2	791.91	1/2	1,177.51	1/2	1,565.83	1/2	1,951.75	1/2	2,340.24	1/2	2,728.22	1/2	3,116.55	1/2	3,504.93
3/4	38.40	3/4	421.32	3/4	799.74	3/4	1,185.61	3/4	1,573.87	3/4	1,959.84	3/4	2,348.34	3/4	2,736.30	3/4	3,124.64	3/4	3,513.02
1	43.97	1	429.42	1	807.56	1	1,193.70	1	1,581.90	1	1,967.94	1	2,356.43	1	2,744.38	1	3,132.73	1	3,521.12
1/4	51.31	1/4	437.51	1/4	815.39	1/4	1,201.79	1/4	1,589.94	1/4	1,976.03	1/4	2,364.52	1/4	2,752.47	1/4	3,140.82	1/4	3,529.21
1/2	58.64	1/2	445.60	1/2	823.22	1/2	1,209.89	1/2	1,597.98	1/2	1,984.12	1/2	2,372.62	1/2	2,760.57	1/2	3,148.91	1/2	3,537.30
3/4	65.98	3/4	453.70	3/4	831.04	3/4	1,217.98	3/4	1,606.01	3/4	1,992.22	3/4	2,380.71	3/4	2,768.66	3/4	3,157.00	3/4	3,545.40
2	73.31	2	461.79	2	838.87	2	1,226.08	2	1,614.05	2	2,000.31	2	2,388.80	2	2,776.75	2	3,165.10	2	3,553.49
1/4	81.40	1/4	469.85	1/4	846.74	1/4	1,234.17	1/4	1,622.09	1/4	2,008.40	1/4	2,396.90	1/4	2,784.84	1/4	3,173.19	1/4	3,561.59
1/2	89.50	1/2	477.91	1/2	854.60	1/2	1,242.26	1/2	1,630.12	1/2	2,016.50	1/2	2,404.99	1/2	2,792.93	1/2	3,181.28	1/2	3,569.69
3/4	97.59	3/4	485.97	3/4	862.47	3/4	1,250.36	3/4	1,638.16	3/4	2,024.59	3/4	2,413.09	3/4	2,801.02	3/4	3,189.37	3/4	3,577.78
3	105.68	3	494.04	3	870.34	3	1,258.45	3	1,646.20	3	2,032.69	3	2,421.18	3	2,809.11	3	3,197.46	3	3,585.88
1/4	113.78	1/4	501.97	1/4	878.33	1/4	1,266.54	1/4	1,654.23	1/4	2,040.78	1/4	2,429.27	1/4	2,817.20	1/4	3,205.55	1/4	3,593.98
1/2	121.87	1/2	509.91	1/2	886.33	1/2	1,274.64	1/2	1,662.27	1/2	2,048.87	1/2	2,437.37	1/2	2,825.29	1/2	3,213.64	1/2	3,602.09
3/4	129.96	3/4	517.84	3/4	894.33	3/4	1,282.73	3/4	1,670.30	3/4	2,056.97	3/4	2,445.46	3/4	2,833.38	3/4	3,221.73	3/4	3,610.19
4	138.06	4	525.78	4	902.33	4	1,290.82	4	1,678.34	4	2,065.06	4	2,453.55	4	2,841.47	4	3,229.82	4	3,618.30
1/4	146.15	1/4	533.62	1/4	910.43	1/4	1,298.92	1/4	1,686.38	1/4	2,073.15	1/4	2,461.64	1/4	2,849.56	1/4	3,237.91	1/4	3,626.41
1/2	154.24	1/2	541.46	1/2	918.52	1/2	1,307.01	1/2	1,694.41	1/2	2,081.25	1/2	2,469.73	1/2	2,857.65	1/2	3,246.00	1/2	3,634.51
3/4	162.34	3/4	549.30	3/4	926.61	3/4	1,315.11	3/4	1,702.45	3/4	2,089.34	3/4	2,477.82	3/4	2,865.74	3/4	3,254.09	3/4	3,642.62
5	170.43	5	557.13	5	934.71	5	1,323.20	5	1,710.49	5	2,097.43	5	2,485.91	5	2,873.83	5	3,262.18	5	3,650.72
1/4	178.52	1/4	564.96	1/4	942.80	1/4	1,331.29	1/4	1,718.52	1/4	2,105.53	1/4	2,493.98	1/4	2,881.92	1/4	3,270.27	1/4	3,658.83
1/2	186.62	1/2	572.80	1/2	950.89	1/2	1,339.39	1/2	1,726.56	1/2	2,113.62	1/2	2,502.06	1/2	2,890.01	1/2	3,278.36	1/2	3,666.93
3/4	194.71	3/4	580.63	3/4	958.99	3/4	1,347.48	3/4	1,734.60	3/4	2,121.72	3/4	2,510.14	3/4	2,898.11	3/4	3,286.45	3/4	3,675.04
6	202.80	6	588.46	6	967.08	6	1,355.57	6	1,742.63	6	2,129.81	6	2,518.22	6	2,906.20	6	3,294.54	6	3,683.14
1/4	210.90	1/4	596.28	1/4	975.17	1/4	1,363.67	1/4	1,750.67	1/4	2,137.90	1/4	2,526.29	1/4	2,914.29	1/4	3,302.64	1/4	3,691.25
1/2	218.99	1/2	604.11	1/2	983.27	1/2	1,371.76	1/2	1,758.71	1/2	2,146.00	1/2	2,534.37	1/2	2,922.38	1/2	3,310.73	1/2	3,699.35
3/4	227.08	3/4	611.93	3/4	991.36	3/4	1,379.85	3/4	1,766.74	3/4	2,154.09	3/4	2,542.45	3/4	2,930.47	3/4	3,318.82	3/4	3,707.46
7	235.18	7	619.76	7	999.45	7	1,387.95	7	1,774.78	7	2,162.18	7	2,550.52	7	2,938.56	7	3,326.91	7	3,715.56
1/4	243.27	1/4	627.58	1/4	1,007.55	1/4	1,396.04	1/4	1,782.81	1/4	2,170.28	1/4	2,558.60	1/4	2,946.65	1/4	3,335.00	1/4	3,723.67
1/2	251.36	1/2	635.41	1/2	1,015.64	1/2	1,404.13	1/2	1,790.85	1/2	2,178.37	1/2	2,566.68	1/2	2,954.74	1/2	3,343.09	1/2	3,731.78
3/4	259.46	3/4	643.23	3/4	1,023.74	3/4	1,412.23	3/4	1,798.89	3/4	2,186.46	3/4	2,574.75	3/4	2,962.83	3/4	3,351.18	3/4	3,739.88
8	267.55	8	651.06	8	1,031.83	8	1,420.32	8	1,806.92	8	2,194.56	8	2,582.83	8	2,970.92	8	3,359.27	8	3,747.99
1/4	275.64	1/4	658.88	1/4	1,039.92	1/4	1,428.42	1/4	1,814.96	1/4	2,202.65	1/4	2,590.91	1/4	2,979.01	1/4	3,367.36	1/4	3,756.09
1/2	283.74	1/2	666.71	1/2	1,048.02	1/2	1,436.51	1/2	1,823.00	1/2	2,210.75	1/2	2,598.98	1/2	2,987.10	1/2	3,375.45	1/2	3,764.20
3/4	291.83	3/4	674.53	3/4	1,056.11	3/4	1,444.60	3/4	1,831.03	3/4	2,218.84	3/4	2,607.06	3/4	2,995.19	3/4	3,383.54	3/4	3,772.30
9	299.92	9	682.36	9	1,064.20	9	1,452.70	9	1,839.07	9	2,226.93	9	2,615.14	9	3,003.28	9	3,391.63	9	3,780.41
1/4	308.02	1/4	690.18	1/4	1,072.30	1/4	1,460.79	1/4	1,847.11	1/4	2,235.03	1/4	2,623.22	1/4	3,011.37	1/4	3,399.72	1/4	3,788.51
1/2	316.11	1/2	698.01	1/2	1,080.39	1/2	1,468.88	1/2	1,855.14	1/2	2,243.12	1/2	2,631.29	1/2	3,019.46	1/2	3,407.81	1/2	3,796.61
3/4	324.20	3/4	705.83	3/4	1,088.48	3/4	1,476.98	3/4	1,863.18	3/4	2,251.21	3/4	2,639.37	3/4	3,027.55	3/4	3,415.90	3/4	3,804.71
10	332.30	10	713.66	10	1,096.58	10	1,485.07	10	1,871.21	10	2,259.31	10	2,647.45	10	3,035.65	10	3,423.99	10	3,812.81
1/4	340.39	1/4	721.48	1/4	1,104.67	1/4	1,493.16	1/4	1,879.25	1/4	2,267.40	1/4	2,655.52	1/4	3,043.74	1/4	3,432.09	1/4	3,820.90
1/2	348.48	1/2	729.31	1/2	1,112.77	1/2	1,501.26	1/2	1,887.29	1/2	2,275.49	1/2	2,663.60	1/2	3,051.83	1/2	3,440.18	1/2	3,828.98
3/4	356.58	3/4	737.13	3/4	1,120.86	3/4	1,509.35	3/4	1,895.32	3/4	2,283.59	3/4	2,671.68	3/4	3,059.92	3/4	3,448.27	3/4	3,837.06
11	364.67	11	744.96	11	1,128.95	11	1,517.45	11	1,903.36	11	2,291.68	11	2,679.75	11	3,068.01	11	3,456.37	11	3,845.15
1/4	372.76	1/4	752.78	1/4	1,137.05	1/4	1,525.52	1/4	1,911.41	1/4	2,299.77	1/4	2,687.83	1/4	3,076.10	1/4	3,464.46	1/4	3,853.20
1/2	380.86	1/2	760.61	1/2	1,145.14	1/2	1,533.60	1/2	1,919.46	1/2	2,307.87	1/2	2,695.91	1/2	3,084.19	1/2	3,472.56	1/2	3,861.26
3/4	388.95	3/4	768.43	3/4	1,153.23	3/4	1,541.68	3/4	1,927.51	3/4	2,315.96	3/4	2,703.98	3/4	3,092.28	3/4	3,480.65	3/4	3,869.31

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-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 356B"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 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	3,877.37	0	4,255.01	0	4,616.06	0	4,960.50	0		0		0		0		0		0	
1/4	3,885.39	1/4	4,262.69	1/4	4,623.39	1/4	4,967.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,893.42	1/2	4,270.37	1/2	4,630.73	1/2	4,974.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,901.45	3/4	4,278.05	3/4	4,638.06	3/4	4,981.47	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,909.47	1	4,285.73	1	4,645.40	1	4,988.46	1		1		1		1		1		1	
1/4	3,917.47	1/4	4,293.39	1/4	4,652.70	1/4	4,995.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.47	1/2	4,301.04	1/2	4,660.01	1/2	5,002.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,933.46	3/4	4,308.69	3/4	4,667.31	3/4	5,009.34	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,941.46	2	4,316.34	2	4,674.62	2	5,016.30	2		2		2		2		2		2	
1/4	3,949.43	1/4	4,323.96	1/4	4,681.90	1/4	5,023.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,957.40	1/2	4,331.59	1/2	4,689.17	1/2	5,030.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,965.37	3/4	4,339.21	3/4	4,696.45	3/4	5,037.09	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,973.34	3	4,346.83	3	4,703.73	3	5,044.02	3		3		3		3		3		3	
1/4	3,981.28	1/4	4,354.42	1/4	4,710.97	1/4	5,051.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,989.21	1/2	4,362.02	1/2	4,718.22	1/2	5,058.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,997.15	3/4	4,369.61	3/4	4,725.47	3/4	5,065.65	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,005.09	4	4,377.21	4	4,732.72	4	5,072.86	4		4		4		4		4		4	
1/4	4,013.00	1/4	4,384.77	1/4	4,739.94	1/4	5,080.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,020.92	1/2	4,392.34	1/2	4,747.16	1/2	5,089.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,028.83	3/4	4,399.90	3/4	4,754.38	3/4	5,097.17	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,036.74	5	4,407.47	5	4,761.60	5	5,105.28	5		5		5		5		5		5	
1/4	4,044.62	1/4	4,415.00	1/4	4,768.79	1/4	5,113.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,052.50	1/2	4,422.54	1/2	4,775.98	1/2	5,121.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,060.38	3/4	4,430.07	3/4	4,783.17	3/4	5,129.59	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,068.27	6	4,437.61	6	4,790.36	6	5,137.70	6		6		6		6		6		6	
1/4	4,076.12	1/4	4,445.12	1/4	4,797.52	1/4	5,145.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,083.97	1/2	4,452.63	1/2	4,804.68	1/2	5,153.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,091.83	3/4	4,460.13	3/4	4,811.84	3/4	5,162.02	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,099.68	7	4,467.64	7	4,819.00	7	5,170.12	7		7		7		7		7		7	
1/4	4,107.50	1/4	4,475.12	1/4	4,826.14	1/4	5,178.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,115.33	1/2	4,482.60	1/2	4,833.27	1/2	5,186.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,123.15	3/4	4,490.08	3/4	4,840.40	3/4	5,194.44	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,130.98	8	4,497.55	8	4,847.53	8	5,202.54	8		8		8		8		8		8	
1/4	4,138.77	1/4	4,505.00	1/4	4,854.64	1/4	5,210.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,146.57	1/2	4,512.45	1/2	4,861.74	1/2	5,218.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,154.36	3/4	4,519.90	3/4	4,868.85	3/4	5,226.86	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,162.16	9	4,527.35	9	4,875.95	9	5,234.96	9		9		9		9		9		9	
1/4	4,169.92	1/4	4,534.77	1/4	4,883.02	1/4	5,242.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,177.69	1/2	4,542.20	1/2	4,890.10	1/2	5,250.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,185.46	3/4	4,549.62	3/4	4,897.18	3/4	5,257.76	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,193.23	10	4,557.04	10	4,904.25	10	5,265.36	10		10		10		10		10		10	
1/4	4,200.96	1/4	4,564.43	1/4	4,911.30	1/4	5,270.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,208.70	1/2	4,571.82	1/2	4,918.34	1/2	5,276.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,216.44	3/4	4,579.21	3/4	4,925.39	3/4	5,282.07	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,224.18	11	4,586.61	11	4,932.44	11	5,287.65	11		11		11		11		11		11	
1/4	4,231.89	1/4	4,593.97	1/4	4,939.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,239.59	1/2	4,601.33	1/2	4,946.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,247.30	3/4	4,608.70	3/4	4,953.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2015 CL
CALCULATED: 03/11/2015 CL
PRINTED: 03/12/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

PRECISION MEASUREMENT
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BARGE "CTCo 356B"

CENTER FUEL INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 14'- 11 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	0	192	0	384	0	576	0	768	0		0		0		0		0	
1/4	4	1/4	196	1/4	388	1/4	580	1/4	772	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	200	1/2	392	1/2	584	1/2	776	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	204	3/4	396	3/4	588	3/4	780	3/4		3/4		3/4		3/4		3/4	
1	16	1	208	1	400	1	592	1	784	1		1		1		1		1	
1/4	20	1/4	212	1/4	404	1/4	596	1/4	788	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	216	1/2	408	1/2	600	1/2	792	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	220	3/4	412	3/4	604	3/4	796	3/4		3/4		3/4		3/4		3/4	
2	32	2	224	2	416	2	608	2	800	2		2		2		2		2	
1/4	36	1/4	228	1/4	420	1/4	612	1/4	804	1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	232	1/2	424	1/2	616	1/2	808	1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	236	3/4	428	3/4	620	3/4	812	3/4		3/4		3/4		3/4		3/4	
3	48	3	240	3	432	3	624	3	816	3		3		3		3		3	
1/4	52	1/4	244	1/4	436	1/4	628	1/4	820	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	248	1/2	440	1/2	632	1/2	824	1/2		1/2		1/2		1/2		1/2	
3/4	60	3/4	252	3/4	444	3/4	636	3/4	828	3/4		3/4		3/4		3/4		3/4	
4	64	4	256	4	448	4	640	4	832	4		4		4		4		4	
1/4	68	1/4	260	1/4	452	1/4	644	1/4	836	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	264	1/2	456	1/2	648	1/2	840	1/2		1/2		1/2		1/2		1/2	
3/4	76	3/4	268	3/4	460	3/4	652	3/4	844	3/4		3/4		3/4		3/4		3/4	
5	80	5	272	5	464	5	656	5	848	5		5		5		5		5	
1/4	84	1/4	276	1/4	468	1/4	660	1/4	852	1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	280	1/2	472	1/2	664	1/2	856	1/2		1/2		1/2		1/2		1/2	
3/4	92	3/4	284	3/4	476	3/4	668	3/4		3/4		3/4		3/4		3/4		3/4	
6	96	6	288	6	480	6	672	6		6		6		6		6		6	
1/4	100	1/4	292	1/4	484	1/4	676	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	296	1/2	488	1/2	680	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108	3/4	300	3/4	492	3/4	684	3/4		3/4		3/4		3/4		3/4		3/4	
7	112	7	304	7	496	7	688	7		7		7		7		7		7	
1/4	116	1/4	308	1/4	500	1/4	692	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120	1/2	312	1/2	504	1/2	696	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	316	3/4	508	3/4	700	3/4		3/4		3/4		3/4		3/4		3/4	
8	128	8	320	8	512	8	704	8		8		8		8		8		8	
1/4	132	1/4	324	1/4	516	1/4	708	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136	1/2	328	1/2	520	1/2	712	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	332	3/4	524	3/4	716	3/4		3/4		3/4		3/4		3/4		3/4	
9	144	9	336	9	528	9	720	9		9		9		9		9		9	
1/4	148	1/4	340	1/4	532	1/4	724	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152	1/2	344	1/2	536	1/2	728	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156	3/4	348	3/4	540	3/4	732	3/4		3/4		3/4		3/4		3/4		3/4	
10	160	10	352	10	544	10	736	10		10		10		10		10		10	
1/4	164	1/4	356	1/4	548	1/4	740	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	360	1/2	552	1/2	744	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	172	3/4	364	3/4	556	3/4	748	3/4		3/4		3/4		3/4		3/4		3/4	
11	176	11	368	11	560	11	752	11		11		11		11		11		11	
1/4	180	1/4	372	1/4	564	1/4	756	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	184	1/2	376	1/2	568	1/2	760	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	188	3/4	380	3/4	572	3/4	764	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 03/12/2015 CL
CALCULATED: 03/12/2015 CL
PRINTED: 03/12/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 356B"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 14'- 11 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	0	0	1,061	0	2,095	0	3,080	0	4,016	0		0		0		0		0	
1/4	22	1/4	1,083	1/4	2,116	1/4	3,100	1/4	4,035	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	44	1/2	1,105	1/2	2,137	1/2	3,120	1/2	4,054	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	66	3/4	1,127	3/4	2,158	3/4	3,140	3/4	4,073	3/4		3/4		3/4	3/4	3/4		3/4	
1	88	1	1,149	1	2,179	1	3,160	1	4,092	1		1		1	1	1		1	
1/4	111	1/4	1,171	1/4	2,200	1/4	3,180	1/4	4,111	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	133	1/2	1,193	1/2	2,221	1/2	3,200	1/2	4,129	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	155	3/4	1,215	3/4	2,242	3/4	3,220	3/4	4,148	3/4		3/4		3/4	3/4	3/4		3/4	
2	177	2	1,237	2	2,263	2	3,240	2	4,167	2		2		2	2	2		2	
1/4	199	1/4	1,259	1/4	2,284	1/4	3,260	1/4	4,186	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	221	1/2	1,281	1/2	2,305	1/2	3,279	1/2	4,205	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	243	3/4	1,302	3/4	2,325	3/4	3,299	3/4	4,223	3/4		3/4		3/4	3/4	3/4		3/4	
3	265	3	1,324	3	2,346	3	3,319	3	4,242	3		3		3	3	3		3	
1/4	287	1/4	1,346	1/4	2,367	1/4	3,339	1/4	4,261	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	309	1/2	1,368	1/2	2,388	1/2	3,358	1/2	4,279	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	332	3/4	1,390	3/4	2,408	3/4	3,378	3/4	4,298	3/4		3/4		3/4	3/4	3/4		3/4	
4	354	4	1,411	4	2,429	4	3,398	4	4,317	4		4		4	4	4		4	
1/4	376	1/4	1,433	1/4	2,450	1/4	3,417	1/4	4,335	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	398	1/2	1,455	1/2	2,471	1/2	3,437	1/2	4,354	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	420	3/4	1,476	3/4	2,491	3/4	3,457	3/4	4,373	3/4		3/4		3/4	3/4	3/4		3/4	
5	442	5	1,498	5	2,512	5	3,476	5	4,391	5		5		5	5	5		5	
1/4	464	1/4	1,520	1/4	2,532	1/4	3,496	1/4	4,410	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	486	1/2	1,541	1/2	2,553	1/2	3,515	1/2	4,428	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	508	3/4	1,563	3/4	2,574	3/4	3,535	3/4	=====	3/4		3/4		3/4	3/4	3/4		3/4	
6	531	6	1,584	6	2,594	6	3,554	6	=====	6		6		6	6	6		6	
1/4	553	1/4	1,606	1/4	2,615	1/4	3,574	1/4	=====	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	575	1/2	1,627	1/2	2,635	1/2	3,593	1/2	=====	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	597	3/4	1,649	3/4	2,655	3/4	3,613	3/4	=====	3/4		3/4		3/4	3/4	3/4		3/4	
7	619	7	1,670	7	2,676	7	3,632	7	=====	7		7		7	7	7		7	
1/4	641	1/4	1,692	1/4	2,696	1/4	3,651	1/4	=====	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	663	1/2	1,713	1/2	2,717	1/2	3,671	1/2	=====	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	685	3/4	1,735	3/4	2,737	3/4	3,690	3/4	=====	3/4		3/4		3/4	3/4	3/4		3/4	
8	707	8	1,756	8	2,758	8	3,710	8	=====	8		8		8	8	8		8	
1/4	730	1/4	1,777	1/4	2,778	1/4	3,729	1/4	=====	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	752	1/2	1,799	1/2	2,798	1/2	3,748	1/2	=====	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	774	3/4	1,820	3/4	2,818	3/4	3,767	3/4	=====	3/4		3/4		3/4	3/4	3/4		3/4	
9	796	9	1,841	9	2,839	9	3,787	9	=====	9		9		9	9	9		9	
1/4	818	1/4	1,863	1/4	2,859	1/4	3,806	1/4	=====	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	840	1/2	1,884	1/2	2,879	1/2	3,825	1/2	=====	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	862	3/4	1,905	3/4	2,899	3/4	3,844	3/4	=====	3/4		3/4		3/4	3/4	3/4		3/4	
10	884	10	1,926	10	2,920	10	3,863	10	=====	10		10		10	10	10		10	
1/4	906	1/4	1,948	1/4	2,940	1/4	3,883	1/4	=====	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	928	1/2	1,969	1/2	2,960	1/2	3,902	1/2	=====	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	951	3/4	1,990	3/4	2,980	3/4	3,921	3/4	=====	3/4		3/4		3/4	3/4	3/4		3/4	
11	973	11	2,011	11	3,000	11	3,940	11	=====	11		11		11	11	11		11	
1/4	995	1/4	2,032	1/4	3,020	1/4	3,959	1/4	=====	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	1,017	1/2	2,053	1/2	3,040	1/2	3,978	1/2	=====	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	1,039	3/4	2,074	3/4	3,060	3/4	3,997	3/4	=====	3/4		3/4		3/4	3/4	3/4		3/4	

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

STRAPPED: 03/12/2015 CL
CALCULATED: 03/12/2015 CL
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CANCELS AND SUPERCEDES
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CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CTCo 356B"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 14'- 11 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	0	0	1,061	0	2,095	0	3,080	0	4,016	0		0		0		0		0	
1/4	22	1/4	1,083	1/4	2,116	1/4	3,100	1/4	4,035	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	44	1/2	1,105	1/2	2,137	1/2	3,120	1/2	4,054	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	66	3/4	1,127	3/4	2,158	3/4	3,140	3/4	4,073	3/4		3/4		3/4	3/4	3/4		3/4	
1	88	1	1,149	1	2,179	1	3,160	1	4,092	1		1		1	1	1		1	
1/4	111	1/4	1,171	1/4	2,200	1/4	3,180	1/4	4,111	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	133	1/2	1,193	1/2	2,221	1/2	3,200	1/2	4,129	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	155	3/4	1,215	3/4	2,242	3/4	3,220	3/4	4,148	3/4		3/4		3/4	3/4	3/4		3/4	
2	177	2	1,237	2	2,263	2	3,240	2	4,167	2		2		2	2	2		2	
1/4	199	1/4	1,259	1/4	2,284	1/4	3,260	1/4	4,186	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	221	1/2	1,281	1/2	2,305	1/2	3,279	1/2	4,205	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	243	3/4	1,302	3/4	2,325	3/4	3,299	3/4	4,223	3/4		3/4		3/4	3/4	3/4		3/4	
3	265	3	1,324	3	2,346	3	3,319	3	4,242	3		3		3	3	3		3	
1/4	287	1/4	1,346	1/4	2,367	1/4	3,339	1/4	4,261	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	309	1/2	1,368	1/2	2,388	1/2	3,358	1/2	4,279	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	332	3/4	1,390	3/4	2,408	3/4	3,378	3/4	4,298	3/4		3/4		3/4	3/4	3/4		3/4	
4	354	4	1,411	4	2,429	4	3,398	4	4,317	4		4		4	4	4		4	
1/4	376	1/4	1,433	1/4	2,450	1/4	3,417	1/4	4,335	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	398	1/2	1,455	1/2	2,471	1/2	3,437	1/2	4,354	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	420	3/4	1,476	3/4	2,491	3/4	3,457	3/4	4,373	3/4		3/4		3/4	3/4	3/4		3/4	
5	442	5	1,498	5	2,512	5	3,476	5	4,391	5		5		5	5	5		5	
1/4	464	1/4	1,520	1/4	2,532	1/4	3,496	1/4	4,410	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	486	1/2	1,541	1/2	2,553	1/2	3,515	1/2	4,428	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	508	3/4	1,563	3/4	2,574	3/4	3,535	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
6	531	6	1,584	6	2,594	6	3,554	6		6		6		6	6	6		6	
1/4	553	1/4	1,606	1/4	2,615	1/4	3,574	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	575	1/2	1,627	1/2	2,635	1/2	3,593	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	597	3/4	1,649	3/4	2,655	3/4	3,613	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
7	619	7	1,670	7	2,676	7	3,632	7		7		7		7	7	7		7	
1/4	641	1/4	1,692	1/4	2,696	1/4	3,651	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	663	1/2	1,713	1/2	2,717	1/2	3,671	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	685	3/4	1,735	3/4	2,737	3/4	3,690	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
8	707	8	1,756	8	2,758	8	3,710	8		8		8		8	8	8		8	
1/4	730	1/4	1,777	1/4	2,778	1/4	3,729	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	752	1/2	1,799	1/2	2,798	1/2	3,748	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	774	3/4	1,820	3/4	2,818	3/4	3,767	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
9	796	9	1,841	9	2,839	9	3,787	9		9		9		9	9	9		9	
1/4	818	1/4	1,863	1/4	2,859	1/4	3,806	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	840	1/2	1,884	1/2	2,879	1/2	3,825	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	862	3/4	1,905	3/4	2,899	3/4	3,844	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
10	884	10	1,926	10	2,920	10	3,863	10		10		10		10	10	10		10	
1/4	906	1/4	1,948	1/4	2,940	1/4	3,883	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	928	1/2	1,969	1/2	2,960	1/2	3,902	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	951	3/4	1,990	3/4	2,980	3/4	3,921	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
11	973	11	2,011	11	3,000	11	3,940	11		11		11		11	11	11		11	
1/4	995	1/4	2,032	1/4	3,020	1/4	3,959	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	1,017	1/2	2,053	1/2	3,040	1/2	3,978	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	1,039	3/4	2,074	3/4	3,060	3/4	3,997	3/4		3/4		3/4		3/4	3/4	3/4		3/4	

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

STRAPPED: 04/11/2014 CL
CALCULATED: 04/12/2014 CL
PRINTED: 04/12/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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