



BARGE "KIRBY 16812"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0.24	0	162.64	0	453.35	0	818.30	0	1,234.54	0	1,686.51	0	2,161.77	0	2,659.48	0	3,139.49	0	3,621.75
1/4	1.22	1/4	167.77	1/4	460.35	1/4	826.55	1/4	1,243.67	1/4	1,696.62	1/4	2,171.85	1/4	2,659.71	1/4	3,149.64	1/4	3,631.62
1/2	2.20	1/2	172.91	1/2	467.34	1/2	834.79	1/2	1,252.79	1/2	1,705.94	1/2	2,181.93	1/2	2,669.93	1/2	3,159.80	1/2	3,641.50
3/4	3.18	3/4	178.05	3/4	474.33	3/4	843.03	3/4	1,261.91	3/4	1,715.66	3/4	2,192.01	3/4	2,680.15	3/4	3,169.95	3/4	3,651.38
1	4.16	1	183.18	1	481.33	1	851.28	1	1,271.03	1	1,725.38	1	2,202.08	1	2,690.57	1	3,180.11	1	3,661.26
1/4	5.96	1/4	188.51	1/4	488.44	1/4	859.60	1/4	1,280.21	1/4	1,735.14	1/4	2,212.18	1/4	2,700.59	1/4	3,190.25	1/4	3,671.11
1/2	7.75	1/2	193.84	1/2	495.56	1/2	867.93	1/2	1,298.99	1/2	1,744.89	1/2	2,222.28	1/2	2,710.81	1/2	3,200.39	1/2	3,680.95
3/4	9.55	3/4	199.17	3/4	502.67	3/4	876.26	3/4	1,312.59	3/4	1,754.65	3/4	2,232.38	3/4	2,721.04	3/4	3,210.53	3/4	3,690.80
1	11.34	1	204.49	1	509.79	1	884.59	1	1,307.75	1	1,764.41	1	2,242.47	1	2,731.26	1	3,220.67	1	3,700.65
1/4	13.67	1/4	210.00	1/4	517.02	1/4	893.00	1/4	1,316.99	1/4	1,774.20	1/4	2,252.59	1/4	2,741.49	1/4	3,230.80	1/4	3,710.46
1/2	15.99	1/2	215.51	1/2	524.26	1/2	901.42	1/2	1,326.23	1/2	1,783.99	1/2	2,262.71	1/2	2,751.71	1/2	3,240.92	1/2	3,720.27
3/4	18.32	3/4	221.02	3/4	531.49	3/4	909.83	3/4	1,335.47	3/4	1,793.79	3/4	2,272.82	3/4	2,761.93	3/4	3,251.05	3/4	3,730.08
1	20.64	1	226.53	1	538.73	1	918.24	1	1,344.71	1	1,803.58	1	2,282.94	1	2,772.16	1	3,261.17	1	3,739.89
1/4	23.40	1/4	232.22	1/4	546.08	1/4	926.73	1/4	1,354.00	1/4	1,813.41	1/4	2,293.07	1/4	2,782.38	1/4	3,271.28	1/4	3,749.67
1/2	26.15	1/2	237.90	1/2	553.43	1/2	935.23	1/2	1,363.30	1/2	1,823.24	1/2	2,303.20	1/2	2,792.61	1/2	3,281.39	1/2	3,759.45
3/4	28.90	3/4	243.59	3/4	560.77	3/4	943.72	3/4	1,372.59	3/4	1,833.07	3/4	2,313.34	3/4	2,802.83	3/4	3,291.49	3/4	3,769.22
1	31.65	1	249.27	1	568.12	1	952.21	1	1,381.89	1	1,842.90	1	2,323.47	1	2,813.06	1	3,301.60	1	3,779.00
1/4	34.77	1/4	255.12	1/4	575.58	1/4	960.78	1/4	1,391.24	1/4	1,852.76	1/4	2,333.62	1/4	2,823.28	1/4	3,311.69	1/4	3,788.73
1/2	37.89	1/2	260.98	1/2	583.04	1/2	969.35	1/2	1,400.58	1/2	1,862.62	1/2	2,343.77	1/2	2,833.50	1/2	3,321.78	1/2	3,798.47
3/4	41.01	3/4	266.83	3/4	590.51	3/4	977.93	3/4	1,409.93	3/4	1,872.49	3/4	2,353.92	3/4	2,843.72	3/4	3,331.86	3/4	3,808.21
1	44.13	1	272.68	1	597.97	1	986.50	1	1,419.28	1	1,882.35	1	2,364.07	1	2,853.95	1	3,341.95	1	3,817.95
1/4	47.57	1/4	278.70	1/4	605.53	1/4	995.14	1/4	1,428.68	1/4	1,892.24	1/4	2,374.23	1/4	2,864.16	1/4	3,352.02	1/4	3,827.64
1/2	51.02	1/2	284.71	1/2	613.10	1/2	1,003.79	1/2	1,438.08	1/2	1,902.14	1/2	2,384.39	1/2	2,874.38	1/2	3,362.09	1/2	3,837.34
3/4	54.46	3/4	290.72	3/4	620.67	3/4	1,012.44	3/4	1,447.49	3/4	1,912.04	3/4	2,394.55	3/4	2,884.60	3/4	3,372.15	3/4	3,847.04
1	57.90	1	296.74	1	628.24	1	1,021.09	1	1,456.89	1	1,921.93	1	2,404.72	1	2,894.82	1	3,382.22	1	3,856.74
1/4	61.65	1/4	302.90	1/4	635.92	1/4	1,029.81	1/4	1,466.34	1/4	1,931.86	1/4	2,414.89	1/4	2,905.04	1/4	3,392.26	1/4	3,866.40
1/2	65.39	1/2	309.07	1/2	643.59	1/2	1,038.53	1/2	1,475.78	1/2	1,941.78	1/2	2,425.07	1/2	2,915.25	1/2	3,402.31	1/2	3,876.05
3/4	69.13	3/4	315.24	3/4	651.26	3/4	1,047.25	3/4	1,485.24	3/4	1,951.71	3/4	2,435.24	3/4	2,925.47	3/4	3,412.35	3/4	3,885.71
1	72.87	1	321.41	1	658.94	1	1,055.97	1	1,494.69	1	1,961.63	1	2,445.42	1	2,935.68	1	3,422.40	1	3,895.37
1/4	76.88	1/4	327.73	1/4	666.71	1/4	1,064.77	1/4	1,504.19	1/4	1,971.59	1/4	2,455.61	1/4	2,945.89	1/4	3,432.42	1/4	3,904.98
1/2	80.89	1/2	334.05	1/2	674.49	1/2	1,073.56	1/2	1,513.69	1/2	1,981.54	1/2	2,465.79	1/2	2,956.10	1/2	3,442.44	1/2	3,914.60
3/4	84.91	3/4	340.36	3/4	682.26	3/4	1,082.35	3/4	1,523.19	3/4	1,991.50	3/4	2,475.98	3/4	2,966.30	3/4	3,452.46	3/4	3,924.21
1	88.92	1	346.68	1	690.04	1	1,091.15	1	1,532.69	1	2,001.45	1	2,486.17	1	2,976.51	1	3,462.48	1	3,933.83
1/4	93.19	1/4	353.15	1/4	697.91	1/4	1,100.01	1/4	1,542.24	1/4	2,011.44	1/4	2,496.36	1/4	2,986.71	1/4	3,472.48	1/4	3,943.40
1/2	97.45	1/2	359.61	1/2	705.79	1/2	1,108.87	1/2	1,551.73	1/2	2,021.42	1/2	2,506.56	1/2	2,996.91	1/2	3,482.47	1/2	3,952.97
3/4	101.72	3/4	366.07	3/4	713.66	3/4	1,117.74	3/4	1,561.33	3/4	2,031.40	3/4	2,516.75	3/4	3,007.12	3/4	3,492.47	3/4	3,962.54
1	105.98	1	372.53	1	721.54	1	1,126.60	1	1,570.88	1	2,041.38	1	2,526.95	1	3,017.32	1	3,502.46	1	3,972.11
1/4	110.48	1/4	379.13	1/4	729.51	1/4	1,135.53	1/4	1,580.47	1/4	2,051.39	1/4	2,537.16	1/4	3,027.51	1/4	3,512.43	1/4	3,981.63
1/2	114.99	1/2	385.74	1/2	737.48	1/2	1,144.46	1/2	1,590.07	1/2	2,061.40	1/2	2,547.36	1/2	3,037.70	1/2	3,522.40	1/2	3,991.15
3/4	119.49	3/4	392.34	3/4	745.45	3/4	1,153.39	3/4	1,599.66	3/4	2,071.41	3/4	2,557.57	3/4	3,047.89	3/4	3,532.37	3/4	4,000.68
1	123.99	1	398.94	1	753.42	1	1,162.32	1	1,609.25	1	2,081.42	1	2,567.77	1	3,058.08	1	3,542.34	1	4,010.20
1/4	128.72	1/4	405.68	1/4	761.49	1/4	1,171.32	1/4	1,618.89	1/4	2,091.45	1/4	2,577.98	1/4	3,068.26	1/4	3,552.28	1/4	4,019.68
1/2	133.44	1/2	412.42	1/2	769.55	1/2	1,180.31	1/2	1,628.52	1/2	2,101.48	1/2	2,588.19	1/2	3,078.45	1/2	3,562.22	1/2	4,029.15
3/4	138.17	3/4	419.15	3/4	777.62	3/4	1,189.31	3/4	1,638.16	3/4	2,111.52	3/4	2,598.40	3/4	3,088.63	3/4	3,572.16	3/4	4,038.63
1	142.89	1	425.89	1	785.68	1	1,198.31	1	1,647.79	1	2,121.55	1	2,608.62	1	3,098.81	1	3,582.10	1	4,048.11
1/4	147.83	1/4	432.75	1/4	793.84	1/4	1,207.47	1/4	1,657.47	1/4	2,131.61	1/4	2,618.83	1/4	3,108.98	1/4	3,592.01	1/4	4,057.53
1/2	152.77	1/2	439.62	1/2	801.99	1/2	1,216.43	1/2	1,667.15	1/2	2,141.66	1/2	2,629.05	1/2	3,119.15	1/2	3,601.92	1/2	4,066.96
3/4	157.70	3/4	446.49	3/4	810.15	3/4	1,225.48	3/4	1,676.83	3/4	2,151.72	3/4	2,639.27	3/4	3,129.32	3/4	3,611.83	3/4	4,076.38

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IPIIMS CHAPTER 2.2E.
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.

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BARGE "KIRBY 16812"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,085.81	0	4,520.12	0	4,910.82	0	5,239.24	0	5,472.06	0		0		0		0		0	
1/4	4,095.19	1/4	4,528.73	1/4	4,918.33	1/4	5,245.17	1/4	5,475.34	1/4		1/4		1/4		1/4		1/4	
1/2	4,104.56	1/2	4,537.33	1/2	4,925.85	1/2	5,251.11	1/2	5,478.63	1/2		1/2		1/2		1/2		1/2	
3/4	4,113.94	3/4	4,545.94	3/4	4,933.36	3/4	5,257.04	3/4	5,481.92	3/4		3/4		3/4		3/4		3/4	
1	4,123.31	1	4,554.55	1	4,940.88	1	5,262.97	1	5,485.20	1		1		1		1		1	
1 1/4	4,132.63	1 1/4	4,563.09	1 1/4	4,948.29	1 1/4	5,268.74	1 1/4	5,488.14	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	4,141.96	1 1/2	4,571.62	1 1/2	4,955.69	1 1/2	5,274.51	1 1/2	5,491.08	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
2	4,151.28	2	4,580.15	2	4,963.10	2	5,280.28	2	5,494.03	2		2		2		2		2	
2 1/4	4,160.60	2 1/4	4,588.68	2 1/4	4,970.50	2 1/4	5,286.05	2 1/4	5,496.97	2 1/4		2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	4,169.87	2 1/2	4,597.14	2 1/2	4,977.79	2 1/2	5,291.65	2 1/2	5,499.51	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
3	4,179.13	3	4,605.59	3	4,985.09	3	5,297.25	3	5,502.06	3		3		3		3		3	
3 1/4	4,188.40	3 1/4	4,614.04	3 1/4	4,992.38	3 1/4	5,302.85	3 1/4	5,504.61	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	4,197.67	3 1/2	4,622.50	3 1/2	4,999.67	3 1/2	5,308.44	3 1/2	5,507.16	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
4	4,206.88	4	4,630.87	4	5,006.84	4	5,313.79	4	5,509.23	4		4		4		4		4	
4 1/4	4,216.09	4 1/4	4,639.24	4 1/4	5,014.02	4 1/4	5,319.13	4 1/4	5,511.31	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	4,225.30	4 1/2	4,647.61	4 1/2	5,021.20	4 1/2	5,324.47	4 1/2	5,513.39	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	4,234.51	4 3/4	4,655.98	4 3/4	5,028.37	4 3/4	5,329.81	4 3/4	5,515.47	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	4,243.66	5	4,664.27	5	5,035.43	5	5,334.96	5	5,516.92	5		5		5		5		5	
5 1/4	4,252.81	5 1/4	4,672.55	5 1/4	5,042.48	5 1/4	5,340.11	5 1/4	5,518.38	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	4,261.96	5 1/2	4,680.84	5 1/2	5,049.54	5 1/2	5,345.27	5 1/2	5,519.83	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	4,271.11	5 3/4	4,689.12	5 3/4	5,056.59	5 3/4	5,350.42	5 3/4	5,521.29	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	4,280.20	6	4,697.32	6	5,063.52	6	5,355.38	6	5,521.98	6		6		6		6		6	
6 1/4	4,289.29	6 1/4	4,705.52	6 1/4	5,070.45	6 1/4	5,360.34	6 1/4	5,522.68	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	4,298.39	6 1/2	4,713.72	6 1/2	5,077.38	6 1/2	5,365.30	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	4,307.48	6 3/4	4,721.92	6 3/4	5,084.31	6 3/4	5,370.25	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	4,316.50	7	4,730.03	7	5,091.12	7	5,375.09	7		7		7		7		7		7	
7 1/4	4,325.53	7 1/4	4,738.14	7 1/4	5,097.92	7 1/4	5,379.92	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	4,334.56	7 1/2	4,746.25	7 1/2	5,104.72	7 1/2	5,384.75	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	4,343.59	7 3/4	4,754.36	7 3/4	5,111.52	7 3/4	5,389.58	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	4,352.55	8	4,762.38	8	5,118.19	8	5,394.20	8		8		8		8		8		8	
8 1/4	4,361.52	8 1/4	4,770.40	8 1/4	5,124.86	8 1/4	5,398.81	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	4,370.48	8 1/2	4,778.42	8 1/2	5,131.53	8 1/2	5,403.43	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	4,379.44	8 3/4	4,786.44	8 3/4	5,138.20	8 3/4	5,408.05	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	4,388.34	9	4,794.36	9	5,144.73	9	5,412.43	9		9		9		9		9		9	
9 1/4	4,397.24	9 1/4	4,802.28	9 1/4	5,151.27	9 1/4	5,416.82	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	4,406.13	9 1/2	4,810.21	9 1/2	5,157.80	9 1/2	5,421.20	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	4,415.03	9 3/4	4,818.13	9 3/4	5,164.33	9 3/4	5,425.59	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	4,423.86	10	4,825.95	10	5,170.72	10	5,429.73	10		10		10		10		10		10	
10 1/4	4,432.69	10 1/4	4,833.78	10 1/4	5,177.12	10 1/4	5,433.87	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	4,441.52	10 1/2	4,841.61	10 1/2	5,183.51	10 1/2	5,438.01	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	4,450.35	10 3/4	4,849.43	10 3/4	5,189.90	10 3/4	5,442.15	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	4,459.10	11	4,857.16	11	5,196.14	11	5,446.03	11		11		11		11		11		11	
11 1/4	4,467.86	11 1/4	4,864.88	11 1/4	5,202.39	11 1/4	5,449.91	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	4,476.62	11 1/2	4,872.61	11 1/2	5,208.63	11 1/2	5,453.79	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	4,485.38	11 3/4	4,880.33	11 3/4	5,214.87	11 3/4	5,457.67	11 3/4		11 3/4		11 3/4		11 3/4		11 3/4		11 3/4	
12	4,494.06	12	4,887.95	12	5,220.97	12	5,461.27	12		12		12		12		12		12	
12 1/4	4,502.75	12 1/4	4,895.58	12 1/4	5,227.06	12 1/4	5,464.87	12 1/4		12 1/4		12 1/4		12 1/4		12 1/4		12 1/4	
12 1/2	4,511.43	12 1/2	4,903.20	12 1/2	5,233.15	12 1/2	5,468.46	12 1/2		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/22/2009 CL - SW
CALCULATED: 04/22/2009 CL
PRINTED: 04/22/2009 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2009

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



BARGE "KIRBY 16812"

CENTER HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0.24	162.64	453.37	818.32	1,234.58	1,686.55	2,161.83	2,649.56	3,139.57	3,621.85
1/4	1.22	167.78	460.36	826.57	1,243.70	1,696.27	2,171.99	2,659.78	3,149.73	3,631.72
1/2	2.20	172.92	467.35	834.81	1,252.82	1,705.99	2,181.99	2,670.00	3,159.88	3,641.60
3/4	3.18	178.05	474.35	843.06	1,261.94	1,715.71	2,192.07	2,680.22	3,170.04	3,651.48
1	4.16	183.14	481.34	851.30	1,271.06	1,725.43	2,202.14	2,690.44	3,180.20	3,661.36
1/4	5.96	188.52	488.46	859.63	1,280.25	1,735.18	2,212.24	2,700.67	3,190.34	3,671.21
1/2	7.75	193.84	495.57	867.96	1,289.46	1,744.94	2,222.34	2,710.89	3,200.48	3,681.06
3/4	9.55	199.17	502.69	876.29	1,298.61	1,754.70	2,232.44	2,721.11	3,210.62	3,690.90
1	11.34	204.50	509.80	884.62	1,307.79	1,764.26	2,242.54	2,731.34	3,220.76	3,700.75
1/4	13.67	210.01	517.04	893.03	1,317.03	1,774.25	2,252.65	2,741.56	3,230.89	3,710.56
1/2	15.99	215.52	524.27	901.44	1,326.27	1,784.04	2,262.77	2,751.79	3,241.01	3,720.37
3/4	18.32	221.03	531.51	909.85	1,335.51	1,793.84	2,272.88	2,762.01	3,251.14	3,730.19
1	20.64	226.54	538.74	918.27	1,344.75	1,803.63	2,283.00	2,772.24	3,261.26	3,740.00
1/4	23.40	232.23	546.09	926.76	1,354.04	1,813.46	2,293.13	2,782.46	3,271.37	3,749.77
1/2	26.15	237.91	553.44	935.25	1,363.34	1,823.29	2,303.27	2,792.68	3,281.48	3,759.55
3/4	28.90	243.59	560.79	943.74	1,372.63	1,833.12	2,313.40	2,802.91	3,291.58	3,769.32
1	31.65	249.28	568.14	952.24	1,381.93	1,842.95	2,323.53	2,813.13	3,301.69	3,779.10
1/4	34.77	255.13	575.60	960.81	1,391.27	1,852.81	2,333.68	2,823.36	3,311.78	3,788.84
1/2	37.89	260.98	583.06	969.38	1,400.62	1,862.68	2,343.83	2,833.58	3,321.87	3,798.58
3/4	41.01	266.84	590.52	977.95	1,409.27	1,872.54	2,353.98	2,843.80	3,331.96	3,808.31
1	44.13	272.69	597.98	986.52	1,419.32	1,882.40	2,364.13	2,854.02	3,342.04	3,818.05
1/4	47.57	278.70	605.55	995.17	1,428.72	1,892.30	2,374.29	2,864.24	3,352.11	3,827.75
1/2	51.02	284.72	613.12	1,003.82	1,438.13	1,902.19	2,384.46	2,874.46	3,362.18	3,837.45
3/4	54.46	290.73	620.69	1,012.47	1,447.53	1,912.09	2,394.62	2,884.68	3,372.25	3,847.15
1	57.91	296.74	628.26	1,021.12	1,456.93	1,921.98	2,404.78	2,894.90	3,382.31	3,856.85
1/4	61.65	302.91	635.93	1,029.84	1,466.38	1,931.91	2,414.96	2,905.12	3,392.36	3,866.50
1/2	65.39	309.08	643.61	1,038.56	1,475.83	1,941.84	2,425.13	2,915.33	3,402.40	3,876.16
3/4	69.13	315.25	651.28	1,047.28	1,485.28	1,951.76	2,435.31	2,925.55	3,412.45	3,885.82
1	72.87	321.42	658.96	1,056.00	1,494.73	1,961.69	2,445.49	2,935.76	3,422.49	3,895.48
1/4	76.88	327.74	666.73	1,064.80	1,504.23	1,971.64	2,455.67	2,945.97	3,432.51	3,905.09
1/2	80.90	334.06	674.51	1,073.59	1,513.73	1,981.60	2,465.86	2,956.18	3,442.54	3,914.70
3/4	84.91	340.37	682.28	1,082.38	1,523.23	1,991.55	2,476.05	2,966.39	3,452.56	3,924.32
1	88.92	346.69	690.06	1,091.18	1,532.73	2,001.51	2,486.23	2,976.59	3,462.58	3,933.93
1/4	93.19	353.15	697.93	1,100.04	1,542.28	2,011.49	2,496.43	2,986.80	3,472.57	3,943.50
1/2	97.45	359.62	705.81	1,108.90	1,551.83	2,021.47	2,506.63	2,997.00	3,482.57	3,953.07
3/4	101.72	366.08	713.68	1,117.77	1,561.38	2,031.46	2,516.82	3,007.20	3,492.57	3,962.65
1	105.99	372.54	721.56	1,126.63	1,570.92	2,041.44	2,527.02	3,017.40	3,502.56	3,972.22
1/4	110.49	379.14	729.53	1,135.56	1,580.52	2,051.45	2,537.23	3,027.59	3,512.53	3,981.74
1/2	114.99	385.75	737.50	1,144.49	1,590.10	2,061.46	2,547.43	3,037.78	3,522.50	3,991.27
3/4	119.49	392.35	745.47	1,153.42	1,599.70	2,071.47	2,557.63	3,047.97	3,532.47	4,000.79
1	124.00	398.95	753.44	1,162.35	1,609.30	2,081.47	2,567.84	3,058.17	3,542.44	4,010.31
1/4	128.72	405.69	761.51	1,171.35	1,618.93	2,091.51	2,578.05	3,068.35	3,552.38	4,019.79
1/2	133.45	412.42	769.57	1,180.35	1,628.57	2,101.54	2,588.26	3,078.53	3,562.32	4,029.26
3/4	138.17	419.16	777.64	1,189.34	1,638.20	2,111.57	2,598.48	3,088.71	3,572.26	4,038.74
1	142.90	425.90	785.70	1,198.34	1,647.84	2,121.61	2,608.69	3,098.89	3,582.20	4,048.22
1/4	147.63	432.77	793.86	1,207.40	1,657.52	2,131.66	2,618.91	3,109.06	3,592.11	4,057.64
1/2	152.77	439.63	802.01	1,216.46	1,667.20	2,141.72	2,629.12	3,119.23	3,602.02	4,067.50
3/4	157.71	446.50	810.17	1,225.52	1,676.88	2,151.78	2,639.34	3,129.40	3,611.93	4,077.50

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
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.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P. O. Box 2082

Portland, Texas 77588

http://www.pmtacorp.net



BARGE "KIRBY 16812"

CENTER HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,085.92	0	4,520.24	0	4,910.95	0	5,239.38	0	5,472.21	0		0		0		0		0	
1/4	4,095.30	1/4	4,528.85	1/4	4,918.47	1/4	5,245.32	1/4	5,475.49	1/4		1/4		1/4		1/4		1/4	
1/2	4,104.67	1/2	4,537.46	1/2	4,925.99	1/2	5,251.25	1/2	5,478.78	1/2		1/2		1/2		1/2		1/2	
3/4	4,114.05	3/4	4,546.07	3/4	4,933.50	3/4	5,257.19	3/4	5,482.07	3/4		3/4		3/4		3/4		3/4	
1	4,123.43	1	4,554.68	1	4,941.02	1	5,263.12	1	5,485.35	1		1		1		1		1	
1/4	4,132.75	1/4	4,563.21	1/4	4,948.42	1/4	5,268.89	1/4	5,488.29	1/4		1/4		1/4		1/4		1/4	
1/2	4,142.07	1/2	4,571.75	1/2	4,955.83	1/2	5,274.66	1/2	5,491.24	1/2		1/2		1/2		1/2		1/2	
3/4	4,151.39	3/4	4,580.28	3/4	4,963.23	3/4	5,280.43	3/4	5,494.18	3/4		3/4		3/4		3/4		3/4	
2	4,160.71	2	4,588.81	2	4,970.64	2	5,286.20	2	5,497.12	2		2		2		2		2	
1/4	4,169.98	1/4	4,597.26	1/4	4,977.93	1/4	5,291.80	1/4	5,499.67	1/4		1/4		1/4		1/4		1/4	
1/2	4,179.25	1/2	4,605.72	1/2	4,985.22	1/2	5,297.39	1/2	5,502.21	1/2		1/2		1/2		1/2		1/2	
3/4	4,188.52	3/4	4,614.17	3/4	4,992.51	3/4	5,302.99	3/4	5,504.76	3/4		3/4		3/4		3/4		3/4	
3	4,197.78	3	4,622.62	3	4,999.81	3	5,308.59	3	5,507.31	3		3		3		3		3	
1/4	4,206.99	1/4	4,630.99	1/4	5,006.98	1/4	5,313.93	1/4	5,509.39	1/4		1/4		1/4		1/4		1/4	
1/2	4,216.20	1/2	4,639.36	1/2	5,014.16	1/2	5,319.27	1/2	5,511.46	1/2		1/2		1/2		1/2		1/2	
3/4	4,225.41	3/4	4,647.74	3/4	5,021.33	3/4	5,324.61	3/4	5,513.54	3/4		3/4		3/4		3/4		3/4	
4	4,234.62	4	4,656.11	4	5,028.51	4	5,329.95	4	5,515.62	4		4		4		4		4	
1/4	4,243.78	1/4	4,664.39	1/4	5,035.56	1/4	5,335.11	1/4	5,517.07	1/4		1/4		1/4		1/4		1/4	
1/2	4,252.93	1/2	4,672.62	1/2	5,042.62	1/2	5,340.26	1/2	5,518.53	1/2		1/2		1/2		1/2		1/2	
3/4	4,262.08	3/4	4,680.97	3/4	5,049.67	3/4	5,345.42	3/4	5,519.99	3/4		3/4		3/4		3/4		3/4	
5	4,271.23	5	4,689.25	5	5,056.73	5	5,350.57	5	5,521.44	5		5		5		5		5	
1/4	4,280.32	1/4	4,697.45	1/4	5,063.66	1/4	5,355.53	1/4	5,522.14	1/4		1/4		1/4		1/4		1/4	
1/2	4,289.41	1/2	4,705.65	1/2	5,070.59	1/2	5,360.49	1/2	5,522.83	1/2		1/2		1/2		1/2		1/2	
3/4	4,298.50	3/4	4,713.85	3/4	5,077.52	3/4	5,365.44	3/4	5,523.52	3/4		3/4		3/4		3/4		3/4	
6	4,307.59	6	4,722.05	6	5,084.45	6	5,370.40	6	5,524.21	6		6		6		6		6	
1/4	4,316.62	1/4	4,730.16	1/4	5,091.26	1/4	5,375.24	1/4	5,524.90	1/4		1/4		1/4		1/4		1/4	
1/2	4,325.65	1/2	4,738.27	1/2	5,098.06	1/2	5,380.07	1/2	5,525.59	1/2		1/2		1/2		1/2		1/2	
3/4	4,334.68	3/4	4,746.38	3/4	5,104.86	3/4	5,384.90	3/4	5,526.28	3/4		3/4		3/4		3/4		3/4	
7	4,343.71	7	4,754.49	7	5,111.66	7	5,389.73	7	5,527.00	7		7		7		7		7	
1/4	4,352.67	1/4	4,762.51	1/4	5,118.33	1/4	5,394.35	1/4	5,527.71	1/4		1/4		1/4		1/4		1/4	
1/2	4,361.64	1/2	4,770.53	1/2	5,125.00	1/2	5,398.96	1/2	5,528.42	1/2		1/2		1/2		1/2		1/2	
3/4	4,370.60	3/4	4,778.55	3/4	5,131.67	3/4	5,403.58	3/4	5,529.13	3/4		3/4		3/4		3/4		3/4	
8	4,379.56	8	4,786.57	8	5,138.34	8	5,408.19	8	5,529.84	8		8		8		8		8	
1/4	4,388.46	1/4	4,794.49	1/4	5,144.88	1/4	5,412.58	1/4	5,530.55	1/4		1/4		1/4		1/4		1/4	
1/2	4,397.36	1/2	4,802.41	1/2	5,151.41	1/2	5,416.97	1/2	5,531.26	1/2		1/2		1/2		1/2		1/2	
3/4	4,406.26	3/4	4,810.34	3/4	5,157.94	3/4	5,421.35	3/4	5,531.97	3/4		3/4		3/4		3/4		3/4	
9	4,415.15	9	4,818.26	9	5,164.48	9	5,425.74	9	5,532.68	9		9		9		9		9	
1/4	4,423.98	1/4	4,826.09	1/4	5,170.87	1/4	5,429.88	1/4	5,533.39	1/4		1/4		1/4		1/4		1/4	
1/2	4,432.81	1/2	4,833.91	1/2	5,177.26	1/2	5,434.02	1/2	5,534.10	1/2		1/2		1/2		1/2		1/2	
3/4	4,441.64	3/4	4,841.74	3/4	5,183.65	3/4	5,438.16	3/4	5,534.81	3/4		3/4		3/4		3/4		3/4	
10	4,450.47	10	4,849.57	10	5,190.04	10	5,442.30	10	5,535.52	10		10		10		10		10	
1/4	4,459.23	1/4	4,857.29	1/4	5,196.28	1/4	5,446.18	1/4	5,536.23	1/4		1/4		1/4		1/4		1/4	
1/2	4,467.98	1/2	4,865.02	1/2	5,202.53	1/2	5,450.06	1/2	5,536.94	1/2		1/2		1/2		1/2		1/2	
3/4	4,476.74	3/4	4,872.74	3/4	5,208.77	3/4	5,453.94	3/4	5,537.65	3/4		3/4		3/4		3/4		3/4	
11	4,485.50	11	4,880.47	11	5,215.02	11	5,457.82	11	5,538.36	11		11		11		11		11	
1/4	4,494.18	1/4	4,888.09	1/4	5,221.11	1/4	5,461.42	1/4	5,539.07	1/4		1/4		1/4		1/4		1/4	
1/2	4,502.87	1/2	4,895.71	1/2	5,227.20	1/2	5,465.02	1/2	5,540.00	1/2		1/2		1/2		1/2		1/2	
3/4	4,511.55	3/4	4,903.33	3/4	5,233.29	3/4	5,468.61	3/4	5,540.93	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/22/2009 CL - SW
 CALCULATED: 04/22/2009 CL
 PRINTED: 04/22/2009 CL
 CANCELLED AND SUPERCEDES
 ALL PRIOR TO 04/2009

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



BARGE "KIRBY 16812"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0.24	162.65	453.38	818.35	1,234.61	1,686.66	2,161.89	2,649.63	3,139.66	3,621.94
1/4	1.22	167.78	460.37	826.59	1,243.73	1,696.32	2,171.97	2,659.95	3,149.81	3,631.92
1/2	2.20	172.92	467.37	834.84	1,252.86	1,706.04	2,182.05	2,670.07	3,159.97	3,641.70
3/4	3.18	178.06	474.36	843.08	1,261.98	1,715.76	2,192.13	2,680.29	3,170.13	3,651.58
1	4.16	183.19	481.35	851.32	1,271.10	1,725.47	2,202.21	2,690.52	3,180.28	3,661.46
1/4	5.96	188.52	488.47	859.65	1,280.28	1,735.23	2,212.30	2,700.74	3,190.43	3,671.31
1/2	7.76	193.85	495.59	867.98	1,289.46	1,744.99	2,222.40	2,710.96	3,200.57	3,681.16
3/4	9.55	199.18	502.70	876.31	1,298.64	1,754.75	2,232.50	2,721.19	3,210.71	3,691.00
1	11.35	204.51	509.82	884.64	1,307.83	1,764.50	2,242.60	2,731.41	3,220.85	3,700.85
1/4	13.67	210.02	517.05	893.05	1,317.07	1,774.30	2,252.71	2,741.64	3,230.98	3,710.66
1/2	15.99	215.53	524.29	901.47	1,326.30	1,784.09	2,262.83	2,751.86	3,241.10	3,720.48
3/4	18.32	221.04	531.52	909.88	1,335.54	1,793.89	2,272.95	2,762.09	3,251.23	3,730.29
1	20.64	226.55	538.76	918.29	1,344.78	1,803.68	2,283.06	2,772.31	3,261.35	3,740.10
1/4	23.40	232.23	546.11	926.78	1,354.08	1,813.51	2,293.20	2,782.54	3,271.46	3,749.88
1/2	26.15	237.92	553.46	935.28	1,363.37	1,823.34	2,303.33	2,792.76	3,281.57	3,759.65
3/4	28.90	243.60	560.81	943.77	1,372.67	1,833.17	2,313.47	2,802.99	3,291.67	3,769.43
1	31.65	249.29	568.16	952.26	1,381.96	1,843.00	2,323.60	2,813.21	3,301.78	3,779.20
1/4	34.77	255.14	575.62	960.84	1,391.31	1,852.86	2,333.75	2,823.43	3,311.87	3,788.94
1/2	37.89	260.99	583.08	969.41	1,400.66	1,862.73	2,343.90	2,833.66	3,321.96	3,798.68
3/4	41.01	266.84	590.54	977.98	1,410.01	1,872.59	2,354.05	2,843.88	3,332.05	3,808.42
1	44.13	272.71	598.00	986.55	1,419.36	1,882.45	2,364.20	2,854.10	3,342.14	3,818.16
1/4	47.57	278.71	605.57	995.20	1,428.76	1,892.35	2,374.36	2,864.32	3,352.20	3,827.86
1/2	51.02	284.72	613.14	1,003.85	1,438.16	1,902.25	2,384.52	2,874.54	3,362.27	3,837.55
3/4	54.46	290.74	620.71	1,012.50	1,447.57	1,912.14	2,394.69	2,884.76	3,372.34	3,847.25
1	57.91	296.75	628.28	1,021.14	1,456.97	1,922.04	2,404.85	2,894.98	3,382.41	3,856.95
1/4	61.65	302.92	635.95	1,029.87	1,466.42	1,931.96	2,415.03	2,905.20	3,392.45	3,866.61
1/2	65.39	309.09	643.62	1,038.59	1,475.87	1,941.89	2,425.24	2,915.41	3,402.50	3,876.27
3/4	69.13	315.26	651.30	1,047.31	1,485.32	1,951.82	2,435.38	2,925.63	3,412.54	3,885.92
1	72.87	321.43	658.97	1,056.03	1,494.77	1,961.74	2,445.55	2,935.84	3,422.59	3,895.58
1/4	76.89	327.75	666.75	1,064.83	1,504.28	1,971.70	2,455.74	2,946.05	3,432.61	3,905.20
1/2	80.90	334.07	674.53	1,073.62	1,513.78	1,981.65	2,465.93	2,956.26	3,442.63	3,914.81
3/4	84.91	340.38	682.30	1,082.41	1,523.28	1,991.61	2,476.12	2,966.47	3,452.65	3,924.43
1	88.92	346.70	690.08	1,091.21	1,532.78	2,001.56	2,486.30	2,976.68	3,462.67	3,934.04
1/4	93.19	353.16	697.95	1,100.07	1,542.33	2,011.55	2,496.50	2,986.88	3,472.67	3,943.61
1/2	97.46	359.63	705.83	1,108.93	1,551.87	2,021.53	2,506.70	2,997.08	3,482.67	3,953.18
3/4	101.72	366.09	713.70	1,117.80	1,561.42	2,031.51	2,516.89	3,007.28	3,492.66	3,962.75
1	105.99	372.55	721.58	1,126.66	1,570.97	2,041.50	2,527.09	3,017.48	3,502.66	3,972.32
1/4	110.49	379.16	729.55	1,135.59	1,580.56	2,051.51	2,537.30	3,027.67	3,512.63	3,981.85
1/2	114.99	385.76	737.52	1,144.52	1,590.15	2,061.51	2,547.50	3,037.87	3,522.67	3,991.37
3/4	119.50	392.36	745.49	1,153.45	1,599.75	2,071.52	2,557.71	3,048.06	3,532.67	4,000.90
1	124.00	398.96	753.47	1,162.39	1,609.34	2,081.53	2,567.91	3,058.25	3,542.64	4,010.42
1/4	128.72	405.70	761.53	1,171.38	1,618.98	2,091.57	2,578.12	3,068.43	3,552.48	4,019.90
1/2	133.45	412.44	769.60	1,180.38	1,628.61	2,101.60	2,588.34	3,078.61	3,562.42	4,029.38
3/4	138.18	419.17	777.66	1,189.38	1,638.25	2,111.63	2,598.54	3,088.80	3,572.36	4,038.85
1	142.90	425.91	785.73	1,198.37	1,647.89	2,121.67	2,608.76	3,098.98	3,582.30	4,048.33
1/4	147.84	432.78	793.88	1,207.43	1,657.56	2,131.72	2,618.98	3,109.15	3,592.21	4,057.76
1/2	152.77	439.65	802.04	1,216.49	1,667.24	2,141.78	2,629.20	3,119.32	3,602.12	4,067.18
3/4	157.71	446.51	810.19	1,225.55	1,676.92	2,151.84	2,639.41	3,129.49	3,612.03	4,076.61

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
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.

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



BARGE "KIRBY 16812"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,086.04	0	4,520.36	0	4,911.09	0	5,239.53	0	5,472.36	0	5,472.36	0	5,472.36	0	5,472.36	0	5,472.36	0	5,472.36
1/4	4,096.41	1/4	4,528.97	1/4	4,918.61	1/4	5,245.46	1/4	5,475.65	1/4	5,475.65	1/4	5,475.65	1/4	5,475.65	1/4	5,475.65	1/4	5,475.65
1/2	4,104.79	1/2	4,537.58	1/2	4,926.12	1/2	5,251.40	1/2	5,478.93	1/2	5,478.93	1/2	5,478.93	1/2	5,478.93	1/2	5,478.93	1/2	5,478.93
3/4	4,114.16	3/4	4,546.19	3/4	4,933.64	3/4	5,257.33	3/4	5,482.22	3/4	5,482.22	3/4	5,482.22	3/4	5,482.22	3/4	5,482.22	3/4	5,482.22
1	4,123.54	1	4,553.34	1	4,941.15	1	5,263.26	1	5,485.50	1	5,485.50	1	5,485.50	1	5,485.50	1	5,485.50	1	5,485.50
1/4	4,132.86	1/4	4,563.34	1/4	4,948.56	1/4	5,269.03	1/4	5,488.45	1/4	5,488.45	1/4	5,488.45	1/4	5,488.45	1/4	5,488.45	1/4	5,488.45
1/2	4,142.18	1/2	4,571.87	1/2	4,955.96	1/2	5,274.80	1/2	5,491.39	1/2	5,491.39	1/2	5,491.39	1/2	5,491.39	1/2	5,491.39	1/2	5,491.39
3/4	4,151.51	3/4	4,580.40	3/4	4,963.37	3/4	5,280.57	3/4	5,494.33	3/4	5,494.33	3/4	5,494.33	3/4	5,494.33	3/4	5,494.33	3/4	5,494.33
2	4,160.83	2	4,589.94	2	4,978.07	2	5,286.34	2	5,497.27	2	5,497.27	2	5,497.27	2	5,497.27	2	5,497.27	2	5,497.27
1/4	4,170.10	1/4	4,597.39	1/4	4,978.07	1/4	5,291.94	1/4	5,499.82	1/4	5,499.82	1/4	5,499.82	1/4	5,499.82	1/4	5,499.82	1/4	5,499.82
1/2	4,179.36	1/2	4,605.84	1/2	4,985.36	1/2	5,297.54	1/2	5,502.37	1/2	5,502.37	1/2	5,502.37	1/2	5,502.37	1/2	5,502.37	1/2	5,502.37
3/4	4,188.63	3/4	4,614.30	3/4	4,992.65	3/4	5,303.14	3/4	5,504.91	3/4	5,504.91	3/4	5,504.91	3/4	5,504.91	3/4	5,504.91	3/4	5,504.91
3	4,197.90	3	4,622.75	3	4,999.94	3	5,308.74	3	5,507.46	3	5,507.46	3	5,507.46	3	5,507.46	3	5,507.46	3	5,507.46
1/4	4,207.11	1/4	4,631.12	1/4	5,007.12	1/4	5,314.08	1/4	5,509.54	1/4	5,509.54	1/4	5,509.54	1/4	5,509.54	1/4	5,509.54	1/4	5,509.54
1/2	4,216.32	1/2	4,639.49	1/2	5,014.30	1/2	5,319.42	1/2	5,511.62	1/2	5,511.62	1/2	5,511.62	1/2	5,511.62	1/2	5,511.62	1/2	5,511.62
3/4	4,225.53	3/4	4,647.86	3/4	5,021.47	3/4	5,324.76	3/4	5,513.69	3/4	5,513.69	3/4	5,513.69	3/4	5,513.69	3/4	5,513.69	3/4	5,513.69
4	4,234.74	4	4,656.23	4	5,028.65	4	5,330.10	4	5,515.77	4	5,515.77	4	5,515.77	4	5,515.77	4	5,515.77	4	5,515.77
1/4	4,243.89	1/4	4,664.52	1/4	5,035.70	1/4	5,335.25	1/4	5,517.23	1/4	5,517.23	1/4	5,517.23	1/4	5,517.23	1/4	5,517.23	1/4	5,517.23
1/2	4,253.04	1/2	4,672.81	1/2	5,042.76	1/2	5,340.41	1/2	5,518.68	1/2	5,518.68	1/2	5,518.68	1/2	5,518.68	1/2	5,518.68	1/2	5,518.68
3/4	4,262.20	3/4	4,681.10	3/4	5,049.81	3/4	5,345.56	3/4	5,520.14	3/4	5,520.14	3/4	5,520.14	3/4	5,520.14	3/4	5,520.14	3/4	5,520.14
5	4,271.35	5	4,689.38	5	5,056.87	5	5,350.72	5	5,521.59	5	5,521.59	5	5,521.59	5	5,521.59	5	5,521.59	5	5,521.59
1/4	4,280.44	1/4	4,697.58	1/4	5,063.80	1/4	5,355.67	1/4	5,522.29	1/4	5,522.29	1/4	5,522.29	1/4	5,522.29	1/4	5,522.29	1/4	5,522.29
1/2	4,289.53	1/2	4,705.78	1/2	5,070.73	1/2	5,360.63	1/2	5,522.98	1/2	5,522.98	1/2	5,522.98	1/2	5,522.98	1/2	5,522.98	1/2	5,522.98
3/4	4,298.62	3/4	4,713.98	3/4	5,077.66	3/4	5,365.59	3/4	5,524.98	3/4	5,524.98	3/4	5,524.98	3/4	5,524.98	3/4	5,524.98	3/4	5,524.98
6	4,307.71	6	4,722.18	6	5,084.59	6	5,370.55	6	5,526.98	6	5,526.98	6	5,526.98	6	5,526.98	6	5,526.98	6	5,526.98
1/4	4,316.74	1/4	4,730.29	1/4	5,091.40	1/4	5,375.38	1/4	5,528.98	1/4	5,528.98	1/4	5,528.98	1/4	5,528.98	1/4	5,528.98	1/4	5,528.98
1/2	4,325.77	1/2	4,738.40	1/2	5,098.20	1/2	5,380.22	1/2	5,530.98	1/2	5,530.98	1/2	5,530.98	1/2	5,530.98	1/2	5,530.98	1/2	5,530.98
3/4	4,334.80	3/4	4,746.51	3/4	5,105.00	3/4	5,385.05	3/4	5,532.98	3/4	5,532.98	3/4	5,532.98	3/4	5,532.98	3/4	5,532.98	3/4	5,532.98
7	4,343.83	7	4,754.62	7	5,111.80	7	5,389.88	7	5,534.98	7	5,534.98	7	5,534.98	7	5,534.98	7	5,534.98	7	5,534.98
1/4	4,352.79	1/4	4,762.64	1/4	5,118.47	1/4	5,394.50	1/4	5,536.98	1/4	5,536.98	1/4	5,536.98	1/4	5,536.98	1/4	5,536.98	1/4	5,536.98
1/2	4,361.76	1/2	4,770.66	1/2	5,125.14	1/2	5,399.11	1/2	5,538.98	1/2	5,538.98	1/2	5,538.98	1/2	5,538.98	1/2	5,538.98	1/2	5,538.98
3/4	4,370.72	3/4	4,778.68	3/4	5,131.81	3/4	5,403.73	3/4	5,540.98	3/4	5,540.98	3/4	5,540.98	3/4	5,540.98	3/4	5,540.98	3/4	5,540.98
8	4,379.68	8	4,786.70	8	5,138.48	8	5,408.34	8	5,542.98	8	5,542.98	8	5,542.98	8	5,542.98	8	5,542.98	8	5,542.98
1/4	4,388.58	1/4	4,794.62	1/4	5,145.02	1/4	5,412.73	1/4	5,544.98	1/4	5,544.98	1/4	5,544.98	1/4	5,544.98	1/4	5,544.98	1/4	5,544.98
1/2	4,397.48	1/2	4,802.55	1/2	5,151.55	1/2	5,417.12	1/2	5,546.98	1/2	5,546.98	1/2	5,546.98	1/2	5,546.98	1/2	5,546.98	1/2	5,546.98
3/4	4,406.38	3/4	4,810.47	3/4	5,158.08	3/4	5,421.50	3/4	5,548.98	3/4	5,548.98	3/4	5,548.98	3/4	5,548.98	3/4	5,548.98	3/4	5,548.98
9	4,415.27	9	4,818.39	9	5,164.62	9	5,425.89	9	5,550.98	9	5,550.98	9	5,550.98	9	5,550.98	9	5,550.98	9	5,550.98
1/4	4,424.10	1/4	4,826.22	1/4	5,171.01	1/4	5,430.03	1/4	5,552.98	1/4	5,552.98	1/4	5,552.98	1/4	5,552.98	1/4	5,552.98	1/4	5,552.98
1/2	4,432.93	1/2	4,834.05	1/2	5,177.40	1/2	5,434.17	1/2	5,554.98	1/2	5,554.98	1/2	5,554.98	1/2	5,554.98	1/2	5,554.98	1/2	5,554.98
3/4	4,441.76	3/4	4,841.87	3/4	5,183.79	3/4	5,438.31	3/4	5,556.98	3/4	5,556.98	3/4	5,556.98	3/4	5,556.98	3/4	5,556.98	3/4	5,556.98
10	4,450.59	10	4,849.70	10	5,190.18	10	5,442.45	10	5,558.98	10	5,558.98	10	5,558.98	10	5,558.98	10	5,558.98	10	5,558.98
1/4	4,459.35	1/4	4,857.42	1/4	5,196.43	1/4	5,446.33	1/4	5,560.98	1/4	5,560.98	1/4	5,560.98	1/4	5,560.98	1/4	5,560.98	1/4	5,560.98
1/2	4,468.11	1/2	4,865.15	1/2	5,202.67	1/2	5,450.21	1/2	5,562.98	1/2	5,562.98	1/2	5,562.98	1/2	5,562.98	1/2	5,562.98	1/2	5,562.98
3/4	4,476.86	3/4	4,872.88	3/4	5,208.92	3/4	5,454.09	3/4	5,564.98	3/4	5,564.98	3/4	5,564.98	3/4	5,564.98	3/4	5,564.98	3/4	5,564.98
11	4,485.62	11	4,880.60	11	5,215.16	11	5,457.97	11	5,566.98	11	5,566.98	11	5,566.98	11	5,566.98	11	5,566.98	11	5,566.98
1/4	4,494.31	1/4	4,888.22	1/4	5,221.25	1/4	5,461.57	1/4	5,568.98	1/4	5,568.98	1/4	5,568.98	1/4	5,568.98	1/4	5,568.98	1/4	5,568.98
1/2	4,502.99	1/2	4,895.85	1/2	5,227.34	1/2	5,465.17	1/2	5,570.98	1/2	5,570.98	1/2	5,570.98	1/2	5,570.98	1/2	5,570.98	1/2	5,570.98
3/4	4,511.68	3/4	4,903.47	3/4	5,233.44	3/4	5,468.76	3/4	5,572.98	3/4	5,572.98	3/4	5,572.98	3/4	5,572.98	3/4	5,572.98	3/4	5,572.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/22/2009 CL - SW
CALCULATED: 04/22/2009 CL
PRINTED: 04/22/2009 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2009

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