



# BARGE "KIRBY 10135"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-03"

March 9, 2015

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

<http://www.pmacorp.net>



# BARGE "KIRBY 10135"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,235.07	0	2,975.53	0	2,716.00	0	2,456.05	0	2,195.12	0	1,934.19
1/4		1/4		1/4		1/4		1/4	3,229.66	1/4	2,970.13	1/4	2,710.59	1/4	2,450.62	1/4	2,189.68	1/4	1,928.75
1/2		1/2		1/2		1/2	3,448.88	1/2	3,224.26	1/2	2,964.72	1/2	2,705.18	1/2	2,445.18	1/2	2,184.25	1/2	1,923.32
3/4		3/4		3/4		3/4	3,447.97	3/4	3,218.85	3/4	2,959.31	3/4	2,699.78	3/4	2,439.75	3/4	2,178.81	3/4	1,917.88
1		1		1		1	3,447.06	1	3,213.44	1	2,953.91	1	2,694.37	1	2,434.31	1	2,173.38	1	1,912.44
1/4		1/4		1/4		1/4	3,446.16	1/4	3,208.03	1/4	2,948.50	1/4	2,688.96	1/4	2,428.87	1/4	2,167.94	1/4	1,907.01
1/2		1/2		1/2		1/2	3,445.25	1/2	3,202.63	1/2	2,943.09	1/2	2,683.56	1/2	2,423.44	1/2	2,162.50	1/2	1,901.57
3/4		3/4		3/4		3/4	3,442.53	3/4	3,197.22	3/4	2,937.68	3/4	2,678.15	3/4	2,418.00	3/4	2,157.07	3/4	1,896.14
2		2		2		2	3,439.81	2	3,191.81	2	2,932.28	2	2,672.74	2	2,412.57	2	2,151.63	2	1,890.70
1/4		1/4		1/4		1/4	3,437.09	1/4	3,186.41	1/4	2,926.87	1/4	2,667.33	1/4	2,407.13	1/4	2,146.20	1/4	1,885.26
1/2		1/2		1/2		1/2	3,434.37	1/2	3,181.00	1/2	2,921.46	1/2	2,661.93	1/2	2,401.69	1/2	2,140.76	1/2	1,879.83
3/4		3/4		3/4		3/4	3,429.97	3/4	3,175.59	3/4	2,916.06	3/4	2,656.52	3/4	2,396.26	3/4	2,135.32	3/4	1,874.39
3		3		3		3	3,425.56	3	3,170.19	3	2,910.65	3	2,651.11	3	2,390.82	3	2,129.89	3	1,868.96
1/4		1/4		1/4		1/4	3,421.16	1/4	3,164.78	1/4	2,905.24	1/4	2,645.71	1/4	2,385.38	1/4	2,124.45	1/4	1,863.52
1/2		1/2		1/2		1/2	3,416.76	1/2	3,159.37	1/2	2,899.84	1/2	2,640.30	1/2	2,379.95	1/2	2,119.02	1/2	1,858.08
3/4		3/4		3/4		3/4	3,411.49	3/4	3,153.96	3/4	2,894.43	3/4	2,634.89	3/4	2,374.51	3/4	2,113.58	3/4	1,852.65
4		4		4		4	3,406.22	4	3,148.56	4	2,889.02	4	2,629.49	4	2,369.08	4	2,108.14	4	1,847.21
1/4		1/4		1/4		1/4	3,400.95	1/4	3,143.15	1/4	2,883.61	1/4	2,624.08	1/4	2,363.64	1/4	2,102.71	1/4	1,841.77
1/2		1/2		1/2		1/2	3,395.68	1/2	3,137.74	1/2	2,878.21	1/2	2,618.67	1/2	2,358.20	1/2	2,097.27	1/2	1,836.34
3/4		3/4		3/4		3/4	3,390.38	3/4	3,132.34	3/4	2,872.80	3/4	2,613.26	3/4	2,352.77	3/4	2,091.84	3/4	1,830.90
5		5		5		5	3,385.08	5	3,126.93	5	2,867.39	5	2,607.86	5	2,347.33	5	2,086.40	5	1,825.47
1/4		1/4		1/4		1/4	3,379.79	1/4	3,121.52	1/4	2,861.99	1/4	2,602.45	1/4	2,341.90	1/4	2,080.96	1/4	1,820.03
1/2		1/2		1/2		1/2	3,374.49	1/2	3,116.12	1/2	2,856.58	1/2	2,597.04	1/2	2,336.46	1/2	2,075.53	1/2	1,814.59
3/4		3/4		3/4		3/4	3,369.17	3/4	3,110.71	3/4	2,851.17	3/4	2,591.64	3/4	2,331.02	3/4	2,070.09	3/4	1,809.16
6		6		6		6	3,363.86	6	3,105.30	6	2,845.77	6	2,586.23	6	2,325.59	6	2,064.65	6	1,803.72
1/4		1/4		1/4		1/4	3,358.54	1/4	3,099.89	1/4	2,840.36	1/4	2,580.82	1/4	2,320.15	1/4	2,059.22	1/4	1,798.29
1/2		1/2		1/2		1/2	3,353.23	1/2	3,094.49	1/2	2,834.95	1/2	2,575.42	1/2	2,314.72	1/2	2,053.78	1/2	1,792.85
3/4		3/4		3/4		3/4	3,347.92	3/4	3,089.08	3/4	2,829.54	3/4	2,570.01	3/4	2,309.28	3/4	2,048.35	3/4	1,787.41
7		7		7		7	3,342.61	7	3,083.67	7	2,824.14	7	2,564.60	7	2,303.84	7	2,042.91	7	1,781.98
1/4		1/4		1/4		1/4	3,337.31	1/4	3,078.27	1/4	2,818.73	1/4	2,559.19	1/4	2,298.41	1/4	2,037.47	1/4	1,776.54
1/2		1/2		1/2		1/2	3,332.00	1/2	3,072.86	1/2	2,813.32	1/2	2,553.79	1/2	2,292.97	1/2	2,032.04	1/2	1,771.11
3/4		3/4		3/4		3/4	3,326.69	3/4	3,067.45	3/4	2,807.92	3/4	2,548.38	3/4	2,287.53	3/4	2,026.60	3/4	1,765.67
8		8		8		8	3,321.38	8	3,062.05	8	2,802.51	8	2,542.97	8	2,282.10	8	2,021.17	8	1,760.23
1/4		1/4		1/4		1/4	3,316.08	1/4	3,056.64	1/4	2,797.10	1/4	2,537.57	1/4	2,276.66	1/4	2,015.73	1/4	1,754.80
1/2		1/2		1/2		1/2	3,310.77	1/2	3,051.23	1/2	2,791.70	1/2	2,532.16	1/2	2,271.23	1/2	2,010.29	1/2	1,749.36
3/4		3/4		3/4		3/4	3,305.36	3/4	3,045.82	3/4	2,786.29	3/4	2,526.72	3/4	2,265.79	3/4	2,004.86	3/4	1,743.92
9		9		9		9	3,299.95	9	3,040.42	9	2,780.88	9	2,521.29	9	2,260.35	9	1,999.42	9	1,738.49
1/4		1/4		1/4		1/4	3,294.55	1/4	3,035.01	1/4	2,775.47	1/4	2,515.85	1/4	2,254.92	1/4	1,993.99	1/4	1,733.05
1/2		1/2		1/2		1/2	3,289.14	1/2	3,029.60	1/2	2,770.07	1/2	2,510.41	1/2	2,249.48	1/2	1,988.55	1/2	1,727.62
3/4		3/4		3/4		3/4	3,283.73	3/4	3,024.20	3/4	2,764.66	3/4	2,504.98	3/4	2,244.05	3/4	1,983.11	3/4	1,722.18
10		10		10		10	3,278.33	10	3,018.79	10	2,759.25	10	2,499.54	10	2,238.61	10	1,977.68	10	1,716.74
1/4		1/4		1/4		1/4	3,272.92	1/4	3,013.38	1/4	2,753.85	1/4	2,494.11	1/4	2,233.17	1/4	1,972.24	1/4	1,711.31
1/2		1/2		1/2		1/2	3,267.51	1/2	3,007.98	1/2	2,748.44	1/2	2,488.67	1/2	2,227.74	1/2	1,966.80	1/2	1,705.87
3/4		3/4		3/4		3/4	3,262.10	3/4	3,002.57	3/4	2,743.03	3/4	2,483.23	3/4	2,222.30	3/4	1,961.37	3/4	1,700.44
11		11		11		11	3,256.70	11	2,997.16	11	2,737.63	11	2,477.80	11	2,216.87	11	1,955.93	11	1,695.00
1/4		1/4		1/4		1/4	3,251.29	1/4	2,991.75	1/4	2,732.22	1/4	2,472.36	1/4	2,211.43	1/4	1,950.50	1/4	1,689.56
1/2		1/2		1/2		1/2	3,245.88	1/2	2,986.35	1/2	2,726.81	1/2	2,466.93	1/2	2,205.99	1/2	1,945.06	1/2	1,684.13
3/4		3/4		3/4		3/4	3,240.48	3/4	2,980.94	3/4	2,721.40	3/4	2,461.49	3/4	2,200.56	3/4	1,939.62	3/4	1,678.69

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD

PERFORMANCE MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "KIRBY 10135"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,673.26	0	1,412.32	0	1,151.23	0	890.93	0	630.66	0	369.58	0	108.56	0		0		0	
1/4	1,667.82	1/4	1,406.89	1/4	1,145.79	1/4	885.52	1/4	625.22	1/4	364.14	1/4	103.13	1/4		1/4		1/4	
1/2	1,662.38	1/2	1,401.45	1/2	1,140.35	1/2	880.12	1/2	619.78	1/2	358.70	1/2	97.71	1/2		1/2		1/2	
3/4	1,656.95	3/4	1,396.01	3/4	1,134.91	3/4	874.72	3/4	614.34	3/4	353.26	3/4	92.31	3/4		3/4		3/4	
1	1,651.51	1	1,390.57	1	1,129.47	1	869.31	1	608.90	1	347.82	1	86.90	1		1		1	
1/4	1,646.08	1/4	1,385.13	1/4	1,124.03	1/4	863.91	1/4	603.47	1/4	342.38	1/4	81.50	1/4		1/4		1/4	
1/2	1,640.64	1/2	1,379.69	1/2	1,118.59	1/2	858.51	1/2	598.03	1/2	336.95	1/2	76.09	1/2		1/2		1/2	
3/4	1,635.20	3/4	1,374.25	3/4	1,113.15	3/4	853.10	3/4	592.59	3/4	331.51	3/4	70.72	3/4		3/4		3/4	
2	1,629.77	2	1,368.81	2	1,107.71	2	847.70	2	587.15	2	326.07	2	65.34	2		2		2	
1/4	1,624.33	1/4	1,363.37	1/4	1,102.27	1/4	842.30	1/4	581.71	1/4	320.63	1/4	59.96	1/4		1/4		1/4	
1/2	1,618.89	1/2	1,357.93	1/2	1,096.83	1/2	836.89	1/2	576.27	1/2	315.19	1/2	54.59	1/2		1/2		1/2	
3/4	1,613.46	3/4	1,352.49	3/4	1,091.39	3/4	831.49	3/4	570.83	3/4	309.75	3/4	49.26	3/4		3/4		3/4	
3	1,608.02	3	1,347.05	3	1,085.95	3	826.09	3	565.39	3	304.31	3	43.93	3		3		3	
1/4	1,602.59	1/4	1,341.61	1/4	1,080.51	1/4	820.68	1/4	559.95	1/4	298.87	1/4	38.61	1/4		1/4		1/4	
1/2	1,597.15	1/2	1,336.18	1/2	1,075.07	1/2	815.28	1/2	554.51	1/2	293.43	1/2	33.28	1/2		1/2		1/2	
3/4	1,591.71	3/4	1,330.74	3/4	1,069.63	3/4	809.88	3/4	549.07	3/4	287.99	3/4	28.75	3/4		3/4		3/4	
4	1,586.28	4	1,325.30	4	1,064.20	4	804.48	4	543.64	4	282.55	4	24.23	4		4		4	
1/4	1,580.84	1/4	1,319.86	1/4	1,058.76	1/4	799.09	1/4	538.20	1/4	277.11	1/4	19.70	1/4		1/4		1/4	
1/2	1,575.41	1/2	1,314.42	1/2	1,053.32	1/2	793.69	1/2	532.76	1/2	271.68	1/2	15.18	1/2		1/2		1/2	
3/4	1,569.97	3/4	1,308.98	3/4	1,047.88	3/4	788.25	3/4	527.32	3/4	266.24	3/4	12.46	3/4		3/4		3/4	
5	1,564.53	5	1,303.54	5	1,042.44	5	782.82	5	521.88	5	260.80	5	9.74	5		5		5	
1/4	1,559.10	1/4	1,298.10	1/4	1,037.00	1/4	777.39	1/4	516.44	1/4	255.36	1/4	7.02	1/4		1/4		1/4	
1/2	1,553.66	1/2	1,292.66	1/2	1,031.56	1/2	771.95	1/2	511.00	1/2	249.92	1/2	4.30	1/2		1/2		1/2	
3/4	1,548.23	3/4	1,287.22	3/4	1,026.12	3/4	766.52	3/4	505.56	3/4	244.48	3/4	3.40	3/4		3/4		3/4	
6	1,542.79	6	1,281.78	6	1,020.68	6	761.08	6	500.12	6	239.04	6	2.49	6		6		6	
1/4	1,537.35	1/4	1,276.34	1/4	1,015.24	1/4	755.65	1/4	494.68	1/4	233.60	1/4	1.58	1/4		1/4		1/4	
1/2	1,531.92	1/2	1,270.90	1/2	1,009.80	1/2	750.21	1/2	489.24	1/2	228.16	1/2	0.68	1/2		1/2		1/2	
3/4	1,526.48	3/4	1,265.46	3/4	1,004.40	3/4	744.78	3/4	483.80	3/4	222.72	3/4		3/4		3/4		3/4	
7	1,521.04	7	1,260.02	7	998.99	7	739.35	7	478.36	7	217.28	7		7		7		7	
1/4	1,515.61	1/4	1,254.58	1/4	993.59	1/4	733.91	1/4	472.93	1/4	211.84	1/4		1/4		1/4		1/4	
1/2	1,510.17	1/2	1,249.14	1/2	988.19	1/2	728.48	1/2	467.49	1/2	206.40	1/2		1/2		1/2		1/2	
3/4	1,504.74	3/4	1,243.70	3/4	982.78	3/4	723.04	3/4	462.05	3/4	200.97	3/4		3/4		3/4		3/4	
8	1,499.30	8	1,238.26	8	977.38	8	717.61	8	456.61	8	195.53	8		8		8		8	
1/4	1,493.86	1/4	1,232.82	1/4	971.98	1/4	712.17	1/4	451.17	1/4	190.09	1/4		1/4		1/4		1/4	
1/2	1,488.43	1/2	1,227.38	1/2	966.57	1/2	706.74	1/2	445.73	1/2	184.65	1/2		1/2		1/2		1/2	
3/4	1,482.99	3/4	1,221.94	3/4	961.17	3/4	701.31	3/4	440.29	3/4	179.21	3/4		3/4		3/4		3/4	
9	1,477.56	9	1,216.50	9	955.77	9	695.87	9	434.85	9	173.77	9		9		9		9	
1/4	1,472.12	1/4	1,211.06	1/4	950.36	1/4	690.44	1/4	429.41	1/4	168.33	1/4		1/4		1/4		1/4	
1/2	1,466.68	1/2	1,205.62	1/2	944.96	1/2	685.00	1/2	423.97	1/2	162.89	1/2		1/2		1/2		1/2	
3/4	1,461.25	3/4	1,200.19	3/4	939.56	3/4	679.57	3/4	418.53	3/4	157.45	3/4		3/4		3/4		3/4	
10	1,455.81	10	1,194.75	10	934.15	10	674.14	10	413.09	10	152.01	10		10		10		10	
1/4	1,450.38	1/4	1,189.31	1/4	928.75	1/4	668.70	1/4	407.66	1/4	146.58	1/4		1/4		1/4		1/4	
1/2	1,444.94	1/2	1,183.87	1/2	923.35	1/2	663.27	1/2	402.22	1/2	141.14	1/2		1/2		1/2		1/2	
3/4	1,439.50	3/4	1,178.43	3/4	917.94	3/4	657.83	3/4	396.78	3/4	135.70	3/4		3/4		3/4		3/4	
11	1,434.07	11	1,172.99	11	912.54	11	652.40	11	391.34	11	130.27	11		11		11		11	
1/4	1,428.63	1/4	1,167.55	1/4	907.14	1/4	646.97	1/4	385.90	1/4	124.84	1/4		1/4		1/4		1/4	
1/2	1,423.19	1/2	1,162.11	1/2	901.73	1/2	641.53	1/2	380.46	1/2	119.40	1/2		1/2		1/2		1/2	
3/4	1,417.76	3/4	1,156.67	3/4	896.33	3/4	636.10	3/4	375.02	3/4	113.98	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/09/2015 CL  
CALCULATED: 03/09/2015 CL  
PRINTED: 03/09/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2015

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



# BARGE "KIRBY 10135"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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		0		0	3,250.86	0	2,989.27	0	2,727.68	0	2,465.65	0	2,202.66	0	1,939.66
1/4		1/4		1/4		1/4	3,471.82	1/4	3,245.41	1/4	2,983.82	1/4	2,722.23	1/4	2,460.17	1/4	2,197.18	1/4	1,934.19
1/2		1/2		1/2		1/2	3,470.90	1/2	3,239.96	1/2	2,978.37	1/2	2,716.78	1/2	2,454.69	1/2	2,191.70	1/2	1,928.71
3/4		3/4		3/4		3/4	3,469.99	3/4	3,234.51	3/4	2,972.92	3/4	2,711.33	3/4	2,449.21	3/4	2,186.22	3/4	1,923.23
1		1		1		1	3,469.08	1	3,229.06	1	2,967.47	1	2,705.88	1	2,443.73	1	2,180.74	1	1,917.75
1/4		1/4		1/4		1/4	3,468.16	1/4	3,223.61	1/4	2,962.02	1/4	2,700.43	1/4	2,438.25	1/4	2,175.26	1/4	1,912.27
1/2		1/2		1/2		1/2	3,465.42	1/2	3,218.16	1/2	2,956.57	1/2	2,694.98	1/2	2,432.77	1/2	2,169.78	1/2	1,906.79
3/4		3/4		3/4		3/4	3,462.68	3/4	3,212.71	3/4	2,951.12	3/4	2,689.53	3/4	2,427.30	3/4	2,164.30	3/4	1,901.31
2		2		2		2	3,459.94	2	3,207.26	2	2,945.67	2	2,684.08	2	2,421.82	2	2,158.82	2	1,895.83
1/4		1/4		1/4		1/4	3,457.20	1/4	3,201.81	1/4	2,940.22	1/4	2,678.63	1/4	2,416.34	1/4	2,153.35	1/4	1,890.35
1/2		1/2		1/2		1/2	3,452.76	1/2	3,196.36	1/2	2,934.77	1/2	2,673.18	1/2	2,410.86	1/2	2,147.87	1/2	1,884.87
3/4		3/4		3/4		3/4	3,448.32	3/4	3,190.91	3/4	2,929.32	3/4	2,667.73	3/4	2,405.38	3/4	2,142.39	3/4	1,879.40
3		3		3		3	3,443.88	3	3,185.46	3	2,923.87	3	2,662.28	3	2,399.90	3	2,136.91	3	1,873.92
1/4		1/4		1/4		1/4	3,439.44	1/4	3,180.01	1/4	2,918.42	1/4	2,656.83	1/4	2,394.42	1/4	2,131.43	1/4	1,868.44
1/2		1/2		1/2		1/2	3,434.13	1/2	3,174.56	1/2	2,912.97	1/2	2,651.38	1/2	2,388.94	1/2	2,125.95	1/2	1,862.96
3/4		3/4		3/4		3/4	3,428.82	3/4	3,169.11	3/4	2,907.52	3/4	2,645.93	3/4	2,383.46	3/4	2,120.47	3/4	1,857.48
4		4		4		4	3,423.51	4	3,163.66	4	2,902.07	4	2,640.48	4	2,377.98	4	2,114.99	4	1,852.00
1/4		1/4		1/4		1/4	3,418.20	1/4	3,158.21	1/4	2,896.62	1/4	2,635.03	1/4	2,372.51	1/4	2,109.51	1/4	1,846.52
1/2		1/2		1/2		1/2	3,412.86	1/2	3,152.76	1/2	2,891.17	1/2	2,629.58	1/2	2,367.03	1/2	2,104.03	1/2	1,841.04
3/4		3/4		3/4		3/4	3,407.52	3/4	3,147.31	3/4	2,885.72	3/4	2,624.13	3/4	2,361.55	3/4	2,098.56	3/4	1,835.56
5		5		5		5	3,402.17	5	3,141.86	5	2,880.27	5	2,618.68	5	2,356.07	5	2,093.08	5	1,830.08
1/4		1/4		1/4		1/4	3,396.83	1/4	3,136.41	1/4	2,874.82	1/4	2,613.23	1/4	2,350.59	1/4	2,087.60	1/4	1,824.61
1/2		1/2		1/2		1/2	3,391.48	1/2	3,130.96	1/2	2,869.37	1/2	2,607.78	1/2	2,345.11	1/2	2,082.12	1/2	1,819.13
3/4		3/4		3/4		3/4	3,386.12	3/4	3,125.51	3/4	2,863.92	3/4	2,602.33	3/4	2,339.63	3/4	2,076.64	3/4	1,813.65
6		6		6		6	3,380.77	6	3,120.06	6	2,858.47	6	2,596.88	6	2,334.15	6	2,071.16	6	1,808.17
1/4		1/4		1/4		1/4	3,375.42	1/4	3,114.61	1/4	2,853.02	1/4	2,591.43	1/4	2,328.67	1/4	2,066.68	1/4	1,802.69
1/2		1/2		1/2		1/2	3,370.07	1/2	3,109.16	1/2	2,847.57	1/2	2,585.98	1/2	2,323.19	1/2	2,060.20	1/2	1,797.21
3/4		3/4		3/4		3/4	3,364.71	3/4	3,103.71	3/4	2,842.12	3/4	2,580.53	3/4	2,317.72	3/4	2,054.72	3/4	1,791.73
7		7		7		7	3,359.36	7	3,098.26	7	2,836.67	7	2,575.08	7	2,312.24	7	2,049.24	7	1,786.25
1/4		1/4		1/4		1/4	3,354.01	1/4	3,092.81	1/4	2,831.22	1/4	2,569.63	1/4	2,306.76	1/4	2,043.77	1/4	1,780.77
1/2		1/2		1/2		1/2	3,348.66	1/2	3,087.36	1/2	2,825.77	1/2	2,564.18	1/2	2,301.28	1/2	2,038.29	1/2	1,775.29
3/4		3/4		3/4		3/4	3,343.31	3/4	3,081.91	3/4	2,820.32	3/4	2,558.73	3/4	2,295.80	3/4	2,032.81	3/4	1,769.82
8		8		8		8	3,337.96	8	3,076.46	8	2,814.87	8	2,553.28	8	2,290.32	8	2,027.33	8	1,764.34
1/4		1/4		1/4		1/4	3,332.60	1/4	3,071.01	1/4	2,809.42	1/4	2,547.83	1/4	2,284.84	1/4	2,021.85	1/4	1,758.86
1/2		1/2		1/2		1/2	3,327.15	1/2	3,065.56	1/2	2,803.97	1/2	2,542.35	1/2	2,279.36	1/2	2,016.37	1/2	1,753.38
3/4		3/4		3/4		3/4	3,321.71	3/4	3,060.11	3/4	2,798.52	3/4	2,536.88	3/4	2,273.88	3/4	2,010.89	3/4	1,747.90
9		9		9		9	3,316.26	9	3,054.66	9	2,793.07	9	2,531.40	9	2,268.40	9	2,005.41	9	1,742.42
1/4		1/4		1/4		1/4	3,310.81	1/4	3,049.22	1/4	2,787.62	1/4	2,525.92	1/4	2,262.93	1/4	1,999.93	1/4	1,736.94
1/2		1/2		1/2		1/2	3,305.36	1/2	3,043.77	1/2	2,782.17	1/2	2,520.44	1/2	2,257.45	1/2	1,994.45	1/2	1,731.46
3/4		3/4		3/4		3/4	3,299.91	3/4	3,038.32	3/4	2,776.73	3/4	2,514.96	3/4	2,251.97	3/4	1,988.98	3/4	1,725.98
10		10		10		10	3,294.46	10	3,032.87	10	2,771.28	10	2,509.48	10	2,246.49	10	1,983.50	10	1,720.50
1/4		1/4		1/4		1/4	3,289.01	1/4	3,027.42	1/4	2,765.83	1/4	2,504.00	1/4	2,241.01	1/4	1,978.02	1/4	1,715.03
1/2		1/2		1/2		1/2	3,283.56	1/2	3,021.97	1/2	2,760.38	1/2	2,498.52	1/2	2,235.53	1/2	1,972.54	1/2	1,709.55
3/4		3/4		3/4		3/4	3,278.11	3/4	3,016.52	3/4	2,754.93	3/4	2,493.04	3/4	2,230.05	3/4	1,967.06	3/4	1,704.07
11		11		11		11	3,272.66	11	3,011.07	11	2,749.48	11	2,487.56	11	2,224.57	11	1,961.58	11	1,698.59
1/4		1/4		1/4		1/4	3,267.21	1/4	3,005.62	1/4	2,744.03	1/4	2,482.09	1/4	2,219.09	1/4	1,956.10	1/4	1,693.11
1/2		1/2		1/2		1/2	3,261.76	1/2	3,000.17	1/2	2,738.58	1/2	2,476.61	1/2	2,213.61	1/2	1,950.62	1/2	1,687.63
3/4		3/4		3/4		3/4	3,256.31	3/4	2,994.72	3/4	2,733.13	3/4	2,471.13	3/4	2,208.14	3/4	1,945.14	3/4	1,682.15

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "KIRBY 10135"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,676.67	0	1,413.68	0	1,150.52	0	889.14	0	630.10	0	367.01	0	103.94	0		0		0	
1/4	1,671.19	1/4	1,408.20	1/4	1,145.04	1/4	883.74	1/4	624.66	1/4	361.53	1/4	98.48	1/4		1/4		1/4	
1/2	1,665.71	1/2	1,402.72	1/2	1,139.56	1/2	878.35	1/2	619.18	1/2	356.04	1/2	93.03	1/2		1/2		1/2	
3/4	1,660.24	3/4	1,397.24	3/4	1,134.08	3/4	872.95	3/4	613.70	3/4	350.56	3/4	87.58	3/4		3/4		3/4	
1	1,654.76	1	1,391.75	1	1,128.59	1	867.55	1	608.22	1	345.08	1	82.13	1		1		1	
1/4	1,649.28	1/4	1,386.27	1/4	1,123.11	1/4	862.15	1/4	602.74	1/4	339.60	1/4	76.69	1/4		1/4		1/4	
1/2	1,643.80	1/2	1,380.79	1/2	1,117.63	1/2	856.76	1/2	597.26	1/2	334.12	1/2	71.27	1/2		1/2		1/2	
3/4	1,638.32	3/4	1,375.31	3/4	1,112.15	3/4	851.36	3/4	591.77	3/4	328.63	3/4	65.85	3/4		3/4		3/4	
2	1,632.84	2	1,369.82	2	1,106.66	2	845.96	2	586.29	2	323.15	2	60.43	2		2		2	
1/4	1,627.36	1/4	1,364.34	1/4	1,101.18	1/4	840.56	1/4	580.81	1/4	317.67	1/4	55.01	1/4		1/4		1/4	
1/2	1,621.88	1/2	1,358.86	1/2	1,095.70	1/2	835.17	1/2	575.33	1/2	312.19	1/2	49.64	1/2		1/2		1/2	
3/4	1,616.40	3/4	1,353.38	3/4	1,090.22	3/4	829.77	3/4	569.85	3/4	306.71	3/4	44.27	3/4		3/4		3/4	
3	1,610.92	3	1,347.89	3	1,084.73	3	824.37	3	564.36	3	301.22	3	38.91	3		3		3	
1/4	1,605.45	1/4	1,342.41	1/4	1,079.25	1/4	818.97	1/4	558.88	1/4	295.74	1/4	33.54	1/4		1/4		1/4	
1/2	1,599.97	1/2	1,336.93	1/2	1,073.77	1/2	813.58	1/2	553.40	1/2	290.26	1/2	28.98	1/2		1/2		1/2	
3/4	1,594.49	3/4	1,331.45	3/4	1,068.29	3/4	808.19	3/4	547.92	3/4	284.78	3/4	24.42	3/4		3/4		3/4	
4	1,589.01	4	1,325.96	4	1,062.80	4	802.80	4	542.44	4	279.29	4	19.86	4		4		4	
1/4	1,583.53	1/4	1,320.48	1/4	1,057.32	1/4	797.40	1/4	536.95	1/4	273.81	1/4	15.29	1/4		1/4		1/4	
1/2	1,578.05	1/2	1,315.00	1/2	1,051.84	1/2	792.01	1/2	531.47	1/2	268.33	1/2	12.55	1/2		1/2		1/2	
3/4	1,572.57	3/4	1,309.52	3/4	1,046.36	3/4	786.62	3/4	525.99	3/4	262.85	3/4	9.81	3/4		3/4		3/4	
5	1,567.09	5	1,304.03	5	1,040.87	5	781.23	5	520.51	5	257.37	5	7.07	5		5		5	
1/4	1,561.61	1/4	1,298.55	1/4	1,035.39	1/4	775.83	1/4	515.03	1/4	251.88	1/4	4.33	1/4		1/4		1/4	
1/2	1,556.13	1/2	1,293.07	1/2	1,029.91	1/2	770.44	1/2	509.54	1/2	246.40	1/2	3.42	1/2		1/2		1/2	
3/4	1,550.66	3/4	1,287.59	3/4	1,024.43	3/4	765.05	3/4	504.06	3/4	240.92	3/4	2.50	3/4		3/4		3/4	
6	1,545.18	6	1,282.10	6	1,018.94	6	759.66	6	498.58	6	235.44	6	1.59	6		6		6	
1/4	1,539.70	1/4	1,276.62	1/4	1,013.46	1/4	754.26	1/4	493.10	1/4	229.96	1/4	0.68	1/4		1/4		1/4	
1/2	1,534.22	1/2	1,271.14	1/2	1,008.02	1/2	748.87	1/2	487.61	1/2	224.47	1/2		1/2		1/2		1/2	
3/4	1,528.74	3/4	1,265.66	3/4	1,002.58	3/4	743.48	3/4	482.13	3/4	218.99	3/4		3/4		3/4		3/4	
7	1,523.26	7	1,260.17	7	997.14	7	738.09	7	476.65	7	213.51	7		7		7		7	
1/4	1,517.78	1/4	1,254.69	1/4	991.70	1/4	732.69	1/4	471.17	1/4	208.03	1/4		1/4		1/4		1/4	
1/2	1,512.30	1/2	1,249.21	1/2	986.30	1/2	727.30	1/2	465.69	1/2	202.55	1/2		1/2		1/2		1/2	
3/4	1,506.82	3/4	1,243.73	3/4	980.90	3/4	721.91	3/4	460.20	3/4	197.06	3/4		3/4		3/4		3/4	
8	1,501.34	8	1,238.24	8	975.51	8	716.52	8	454.72	8	191.58	8		8		8		8	
1/4	1,495.87	1/4	1,232.76	1/4	970.11	1/4	711.12	1/4	449.24	1/4	186.10	1/4		1/4		1/4		1/4	
1/2	1,490.39	1/2	1,227.28	1/2	964.71	1/2	705.73	1/2	443.76	1/2	180.62	1/2		1/2		1/2		1/2	
3/4	1,484.91	3/4	1,221.80	3/4	959.31	3/4	700.34	3/4	438.28	3/4	175.13	3/4		3/4		3/4		3/4	
9	1,479.43	9	1,216.31	9	953.91	9	694.95	9	432.79	9	169.65	9		9		9		9	
1/4	1,473.95	1/4	1,210.83	1/4	948.52	1/4	689.55	1/4	427.31	1/4	164.17	1/4		1/4		1/4		1/4	
1/2	1,468.47	1/2	1,205.35	1/2	943.12	1/2	684.16	1/2	421.83	1/2	158.69	1/2		1/2		1/2		1/2	
3/4	1,462.99	3/4	1,199.87	3/4	937.72	3/4	678.77	3/4	416.35	3/4	153.21	3/4		3/4		3/4		3/4	
10	1,457.51	10	1,194.38	10	932.32	10	673.38	10	410.87	10	147.73	10		10		10		10	
1/4	1,452.03	1/4	1,188.90	1/4	926.93	1/4	667.99	1/4	405.38	1/4	142.25	1/4		1/4		1/4		1/4	
1/2	1,446.55	1/2	1,183.42	1/2	921.53	1/2	662.59	1/2	399.90	1/2	136.77	1/2		1/2		1/2		1/2	
3/4	1,441.08	3/4	1,177.94	3/4	916.13	3/4	657.20	3/4	394.42	3/4	131.29	3/4		3/4		3/4		3/4	
11	1,435.60	11	1,172.45	11	910.73	11	651.81	11	388.94	11	125.82	11		11		11		11	
1/4	1,430.12	1/4	1,166.97	1/4	905.34	1/4	646.42	1/4	383.45	1/4	120.34	1/4		1/4		1/4		1/4	
1/2	1,424.64	1/2	1,161.49	1/2	899.94	1/2	640.98	1/2	377.97	1/2	114.87	1/2		1/2		1/2		1/2	
3/4	1,419.16	3/4	1,156.01	3/4	894.54	3/4	635.54	3/4	372.49	3/4	109.41	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/09/2015 CL  
CALCULATED: 03/09/2015 CL  
PRINTED: 03/09/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2015

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



# BARGE "KIRBY 10135"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 5/8"

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		0		0	3,553.05	0	3,300.41	0	3,047.77	0	2,789.91	0	2,494.64	0	2,198.66
1/4		1/4		1/4		1/4		1/4	3,547.79	1/4	3,295.15	1/4	3,042.51	1/4	2,783.76	1/4	2,488.48	1/4	2,192.49
1/2		1/2		1/2		5/8	3,760.49	1/2	3,542.52	1/2	3,289.89	1/2	3,037.25	1/2	2,777.61	1/2	2,482.31	1/2	2,186.32
3/4		3/4		3/4		3/4	3,759.98	3/4	3,537.26	3/4	3,284.62	3/4	3,031.98	3/4	2,771.46	3/4	2,476.14	3/4	2,180.16
1		1		1		1	3,758.95	1	3,532.00	1	3,279.36	1	3,026.72	1	2,765.32	1	2,469.98	1	2,173.99
1/4		1/4		1/4		1/4	3,757.91	1/4	3,526.73	1/4	3,274.10	1/4	3,021.46	1/4	2,759.17	1/4	2,463.81	1/4	2,167.82
1/2		1/2		1/2		1/2	3,756.88	1/2	3,521.47	1/2	3,268.83	1/2	3,016.19	1/2	2,753.02	1/2	2,457.64	1/2	2,161.66
3/4		3/4		3/4		3/4	3,754.82	3/4	3,516.21	3/4	3,263.57	3/4	3,010.93	3/4	2,746.87	3/4	2,451.48	3/4	2,155.49
2		2		2		2	3,751.72	2	3,510.94	2	3,258.31	2	3,005.67	2	2,740.72	2	2,445.31	2	2,149.32
1/4		1/4		1/4		1/4	3,748.63	1/4	3,505.68	1/4	3,253.04	1/4	3,000.40	1/4	2,734.58	1/4	2,439.14	1/4	2,143.16
1/2		1/2		1/2		1/2	3,745.53	1/2	3,500.42	1/2	3,247.78	1/2	2,995.14	1/2	2,728.43	1/2	2,432.98	1/2	2,136.99
3/4		3/4		3/4		3/4	3,741.91	3/4	3,495.15	3/4	3,242.52	3/4	2,989.88	3/4	2,722.28	3/4	2,426.81	3/4	2,130.82
3		3		3		3	3,737.77	3	3,489.89	3	3,237.25	3	2,984.61	3	2,716.13	3	2,420.65	3	2,124.66
1/4		1/4		1/4		1/4	3,733.62	1/4	3,484.63	1/4	3,231.99	1/4	2,979.35	1/4	2,709.99	1/4	2,414.48	1/4	2,118.49
1/2		1/2		1/2		1/2	3,729.48	1/2	3,479.36	1/2	3,226.73	1/2	2,974.09	1/2	2,703.84	1/2	2,408.31	1/2	2,112.33
3/4		3/4		3/4		3/4	3,724.84	3/4	3,474.10	3/4	3,221.46	3/4	2,968.82	3/4	2,697.69	3/4	2,402.15	3/4	2,106.16
4		4		4		4	3,719.71	4	3,468.84	4	3,216.20	4	2,963.56	4	2,691.54	4	2,395.98	4	2,099.99
1/4		1/4		1/4		1/4	3,714.58	1/4	3,463.57	1/4	3,210.94	1/4	2,958.30	1/4	2,685.40	1/4	2,389.81	1/4	2,093.83
1/2		1/2		1/2		1/2	3,709.45	1/2	3,458.31	1/2	3,205.67	1/2	2,953.03	1/2	2,679.25	1/2	2,383.65	1/2	2,087.66
3/4		3/4		3/4		3/4	3,704.30	3/4	3,453.05	3/4	3,200.41	3/4	2,947.77	3/4	2,673.10	3/4	2,377.48	3/4	2,081.49
5		5		5		5	3,699.14	5	3,447.78	5	3,195.15	5	2,942.51	5	2,666.95	5	2,371.31	5	2,075.33
1/4		1/4		1/4		1/4	3,693.98	1/4	3,442.52	1/4	3,189.88	1/4	2,937.24	1/4	2,660.81	1/4	2,365.15	1/4	2,069.16
1/2		1/2		1/2		1/2	3,688.81	1/2	3,437.26	1/2	3,184.62	1/2	2,931.98	1/2	2,654.66	1/2	2,358.98	1/2	2,062.99
3/4		3/4		3/4		3/4	3,683.64	3/4	3,431.99	3/4	3,179.36	3/4	2,926.72	3/4	2,648.51	3/4	2,352.82	3/4	2,056.83
6		6		6		6	3,678.46	6	3,426.73	6	3,174.09	6	2,921.45	6	2,642.36	6	2,346.65	6	2,050.66
1/4		1/4		1/4		1/4	3,673.28	1/4	3,421.47	1/4	3,168.83	1/4	2,916.19	1/4	2,636.22	1/4	2,340.48	1/4	2,044.50
1/2		1/2		1/2		1/2	3,668.10	1/2	3,416.20	1/2	3,163.57	1/2	2,910.93	1/2	2,630.07	1/2	2,334.32	1/2	2,038.33
3/4		3/4		3/4		3/4	3,662.93	3/4	3,410.94	3/4	3,158.30	3/4	2,905.66	3/4	2,623.92	3/4	2,328.15	3/4	2,032.16
7		7		7		7	3,657.75	7	3,405.68	7	3,153.04	7	2,900.40	7	2,617.77	7	2,321.98	7	2,026.00
1/4		1/4		1/4		1/4	3,652.57	1/4	3,400.41	1/4	3,147.78	1/4	2,895.14	1/4	2,611.63	1/4	2,315.82	1/4	2,019.83
1/2		1/2		1/2		1/2	3,647.40	1/2	3,395.15	1/2	3,142.51	1/2	2,889.87	1/2	2,605.48	1/2	2,309.65	1/2	2,013.66
3/4		3/4		3/4		3/4	3,642.22	3/4	3,389.89	3/4	3,137.25	3/4	2,884.61	3/4	2,599.33	3/4	2,303.48	3/4	2,007.50
8		8		8		8	3,637.04	8	3,384.62	8	3,131.99	8	2,879.35	8	2,593.18	8	2,297.32	8	2,001.33
1/4		1/4		1/4		1/4	3,631.87	1/4	3,379.36	1/4	3,126.72	1/4	2,874.08	1/4	2,587.03	1/4	2,291.15	1/4	1,995.16
1/2		1/2		1/2		1/2	3,626.69	1/2	3,374.10	1/2	3,121.46	1/2	2,868.82	1/2	2,580.89	1/2	2,284.98	1/2	1,989.00
3/4		3/4		3/4		3/4	3,621.47	3/4	3,368.83	3/4	3,116.20	3/4	2,863.55	3/4	2,574.74	3/4	2,278.82	3/4	1,982.83
9		9		9		9	3,616.21	9	3,363.57	9	3,110.93	9	2,858.26	9	2,568.59	9	2,272.65	9	1,976.66
1/4		1/4		1/4		1/4	3,610.95	1/4	3,358.31	1/4	3,105.67	1/4	2,852.97	1/4	2,562.44	1/4	2,266.49	1/4	1,970.50
1/2		1/2		1/2		1/2	3,605.68	1/2	3,353.04	1/2	3,100.41	1/2	2,847.68	1/2	2,556.30	1/2	2,260.32	1/2	1,964.33
3/4		3/4		3/4		3/4	3,600.42	3/4	3,347.78	3/4	3,095.14	3/4	2,842.39	3/4	2,550.14	3/4	2,254.15	3/4	1,958.17
10		10		10		10	3,595.16	10	3,342.52	10	3,089.88	10	2,837.10	10	2,543.97	10	2,247.99	10	1,952.00
1/4		1/4		1/4		1/4	3,589.89	1/4	3,337.25	1/4	3,084.62	1/4	2,831.82	1/4	2,537.81	1/4	2,241.82	1/4	1,945.83
1/2		1/2		1/2		1/2	3,584.63	1/2	3,331.99	1/2	3,079.35	1/2	2,826.53	1/2	2,531.64	1/2	2,235.65	1/2	1,939.67
3/4		3/4		3/4		3/4	3,579.37	3/4	3,326.73	3/4	3,074.09	3/4	2,820.79	3/4	2,525.47	3/4	2,229.49	3/4	1,933.50
11		11		11		11	3,574.10	11	3,321.46	11	3,068.83	11	2,814.60	11	2,519.31	11	2,223.32	11	1,927.33
1/4		1/4		1/4		1/4	3,568.84	1/4	3,316.20	1/4	3,063.56	1/4	2,808.41	1/4	2,513.14	1/4	2,217.15	1/4	1,921.17
1/2		1/2		1/2		1/2	3,563.58	1/2	3,310.94	1/2	3,058.30	1/2	2,802.22	1/2	2,506.98	1/2	2,210.99	1/2	1,915.00
3/4		3/4		3/4		3/4	3,558.31	3/4	3,305.68	3/4	3,053.04	3/4	2,796.05	3/4	2,500.81	3/4	2,204.82	3/4	1,908.83

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "KIRBY 10135"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 5/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,902.67	0	1,606.46	0	1,310.07	0	1,013.68	0	723.06	0	426.79	0	130.18	0		0		0	
1/4	1,896.50	1/4	1,600.29	1/4	1,303.90	1/4	1,007.50	1/4	716.98	1/4	420.61	1/4	124.01	1/4		1/4		1/4	
1/2	1,890.34	1/2	1,594.12	1/2	1,297.72	1/2	1,001.33	1/2	710.90	1/2	414.43	1/2	117.83	1/2		1/2		1/2	
3/4	1,884.17	3/4	1,587.94	3/4	1,291.55	3/4	995.15	3/4	704.78	3/4	408.25	3/4	111.67	3/4		3/4		3/4	
1	1,878.00	1	1,581.77	1	1,285.37	1	988.98	1	698.62	1	402.07	1	105.52	1		1		1	
1/4	1,871.84	1/4	1,575.59	1/4	1,279.20	1/4	982.80	1/4	692.46	1/4	395.89	1/4	99.37	1/4		1/4		1/4	
1/2	1,865.67	1/2	1,569.42	1/2	1,273.02	1/2	976.63	1/2	686.30	1/2	389.71	1/2	93.22	1/2		1/2		1/2	
3/4	1,859.50	3/4	1,563.24	3/4	1,266.85	3/4	970.48	3/4	680.13	3/4	383.53	3/4	87.08	3/4		3/4		3/4	
2	1,853.34	2	1,557.07	2	1,260.67	2	964.37	2	673.95	2	377.36	2	80.96	2		2		2	
1/4	1,847.17	1/4	1,550.89	1/4	1,254.50	1/4	958.26	1/4	667.77	1/4	371.18	1/4	74.84	1/4		1/4		1/4	
1/2	1,841.00	1/2	1,544.72	1/2	1,248.32	1/2	952.15	1/2	661.60	1/2	365.00	1/2	68.72	1/2		1/2		1/2	
3/4	1,834.84	3/4	1,538.54	3/4	1,242.15	3/4	946.07	3/4	655.42	3/4	358.82	3/4	62.63	3/4		3/4		3/4	
3	1,828.67	3	1,532.37	3	1,235.97	3	940.02	3	649.24	3	352.64	3	56.57	3		3		3	
1/4	1,822.50	1/4	1,526.19	1/4	1,229.80	1/4	933.97	1/4	643.06	1/4	346.46	1/4	50.51	1/4		1/4		1/4	
1/2	1,816.34	1/2	1,520.02	1/2	1,223.62	1/2	927.92	1/2	636.88	1/2	340.28	1/2	44.44	1/2		1/2		1/2	
3/4	1,810.17	3/4	1,513.84	3/4	1,217.45	3/4	921.87	3/4	630.70	3/4	334.10	3/4	38.84	3/4		3/4		3/4	
4	1,803.99	4	1,507.67	4	1,211.27	4	915.82	4	624.52	4	327.92	4	33.69	4		4		4	
1/4	1,797.82	1/4	1,501.49	1/4	1,205.10	1/4	909.77	1/4	618.34	1/4	321.74	1/4	28.54	1/4		1/4		1/4	
1/2	1,791.64	1/2	1,495.32	1/2	1,198.92	1/2	903.72	1/2	612.16	1/2	315.56	1/2	23.39	1/2		1/2		1/2	
3/4	1,785.47	3/4	1,489.14	3/4	1,192.75	3/4	897.68	3/4	605.99	3/4	309.38	3/4	19.26	3/4		3/4		3/4	
5	1,779.29	5	1,482.97	5	1,186.57	5	891.65	5	599.81	5	303.20	5	16.17	5		5		5	
1/4	1,773.12	1/4	1,476.79	1/4	1,180.40	1/4	885.62	1/4	593.63	1/4	297.03	1/4	13.07	1/4		1/4		1/4	
1/2	1,766.94	1/2	1,470.62	1/2	1,174.22	1/2	879.59	1/2	587.45	1/2	290.85	1/2	9.98	1/2		1/2		1/2	
3/4	1,760.77	3/4	1,464.44	3/4	1,168.05	3/4	873.56	3/4	581.27	3/4	284.67	3/4	7.92	3/4		3/4		3/4	
6	1,754.60	6	1,458.27	6	1,161.87	6	867.55	6	575.09	6	278.49	6	6.88	6		6		6	
1/4	1,748.42	1/4	1,452.09	1/4	1,155.70	1/4	861.53	1/4	568.91	1/4	272.31	1/4	5.85	1/4		1/4		1/4	
1/2	1,742.25	1/2	1,445.92	1/2	1,149.52	1/2	855.51	1/2	562.73	1/2	266.13	1/2	4.82	1/2		1/2		1/2	
3/4	1,736.07	3/4	1,439.74	3/4	1,143.35	3/4	849.50	3/4	556.55	3/4	259.95	3/4	4.31	3/4		3/4		3/4	
7	1,729.90	7	1,433.57	7	1,137.17	7	843.48	7	550.37	7	253.77	7		7		7		7	
1/4	1,723.73	1/4	1,427.39	1/4	1,131.00	1/4	837.47	1/4	544.19	1/4	247.59	1/4		1/4		1/4		1/4	
1/2	1,717.55	1/2	1,421.22	1/2	1,124.82	1/2	831.45	1/2	538.01	1/2	241.41	1/2		1/2		1/2		1/2	
3/4	1,711.38	3/4	1,415.04	3/4	1,118.65	3/4	825.43	3/4	531.84	3/4	235.23	3/4		3/4		3/4		3/4	
8	1,705.21	8	1,408.87	8	1,112.47	8	819.42	8	525.66	8	229.05	8		8		8		8	
1/4	1,699.04	1/4	1,402.69	1/4	1,106.30	1/4	813.40	1/4	519.48	1/4	222.88	1/4		1/4		1/4		1/4	
1/2	1,692.86	1/2	1,396.52	1/2	1,100.12	1/2	807.39	1/2	513.30	1/2	216.70	1/2		1/2		1/2		1/2	
3/4	1,686.69	3/4	1,390.35	3/4	1,093.95	3/4	801.37	3/4	507.12	3/4	210.52	3/4		3/4		3/4		3/4	
9	1,680.52	9	1,384.17	9	1,087.78	9	795.35	9	500.94	9	204.34	9		9		9		9	
1/4	1,674.35	1/4	1,378.00	1/4	1,081.60	1/4	789.34	1/4	494.76	1/4	198.16	1/4		1/4		1/4		1/4	
1/2	1,668.18	1/2	1,371.82	1/2	1,075.43	1/2	783.32	1/2	488.58	1/2	191.98	1/2		1/2		1/2		1/2	
3/4	1,662.01	3/4	1,365.65	3/4	1,069.25	3/4	777.30	3/4	482.40	3/4	185.80	3/4		3/4		3/4		3/4	
10	1,655.83	10	1,359.47	10	1,063.08	10	771.29	10	476.22	10	179.62	10		10		10		10	
1/4	1,649.66	1/4	1,353.30	1/4	1,056.90	1/4	765.27	1/4	470.04	1/4	173.44	1/4		1/4		1/4		1/4	
1/2	1,643.49	1/2	1,347.12	1/2	1,050.73	1/2	759.26	1/2	463.86	1/2	167.26	1/2		1/2		1/2		1/2	
3/4	1,637.32	3/4	1,340.95	3/4	1,044.55	3/4	753.24	3/4	457.68	3/4	161.08	3/4		3/4		3/4		3/4	
11	1,631.15	11	1,334.77	11	1,038.38	11	747.22	11	451.51	11	154.90	11		11		11		11	
1/4	1,624.97	1/4	1,328.60	1/4	1,032.20	1/4	741.21	1/4	445.33	1/4	148.71	1/4		1/4		1/4		1/4	
1/2	1,618.80	1/2	1,322.42	1/2	1,026.03	1/2	735.19	1/2	439.15	1/2	142.53	1/2		1/2		1/2		1/2	
3/4	1,612.63	3/4	1,316.25	3/4	1,019.85	3/4	729.14	3/4	432.97	3/4	136.35	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/09/2015 CL  
CALCULATED: 03/09/2015 CL  
PRINTED: 03/09/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2015

PRECISION MEASUREMENT  
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