



# BARGE "KIRBY 11325"

## 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	- 00-1/4	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	- 01-1/8	01-1/8
2 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4
3 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2

(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 CENTER IS 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 154'-03"

October 2, 2007

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

<http://www.pmacorp.net>



# BARGE "KIRBY 11325"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,407.75	0	3,186.75	0	2,965.80	0	2,744.86	0	2,506.75	0	2,251.60	0	1,996.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,403.15	1/4	3,182.15	1/4	2,961.20	1/4	2,740.26	1/4	2,501.44	1/4	2,246.28	1/4	1,991.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,398.54	1/2	3,177.54	1/2	2,956.60	1/2	2,735.65	1/2	2,496.12	1/2	2,240.96	1/2	1,985.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,393.94	3/4	3,172.94	3/4	2,951.99	3/4	2,731.05	3/4	2,490.81	3/4	2,235.65	3/4	1,980.49
1		1		1		1	3,389.33	1	3,168.34	1	2,947.39	1	2,726.45	1	2,485.49	1	2,230.33	1	1,975.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,384.73	1/4	3,163.73	1/4	2,942.79	1/4	2,721.84	1/4	2,480.17	1/4	2,225.02	1/4	1,969.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,380.13	1/2	3,159.13	1/2	2,938.19	1/2	2,717.24	1/2	2,474.86	1/2	2,219.70	1/2	1,964.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,375.52	3/4	3,154.53	3/4	2,933.58	3/4	2,712.64	3/4	2,469.54	3/4	2,214.38	3/4	1,959.23
2		2		2		2	3,370.92	2	3,149.92	2	2,928.98	2	2,708.04	2	2,464.23	2	2,209.07	2	1,953.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,366.31	1/4	3,145.32	1/4	2,924.38	1/4	2,703.43	1/4	2,458.91	1/4	2,203.75	1/4	1,948.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,361.71	1/2	3,140.72	1/2	2,919.77	1/2	2,698.83	1/2	2,453.60	1/2	2,198.44	1/2	1,943.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,357.10	3/4	3,136.11	3/4	2,915.17	3/4	2,694.23	3/4	2,448.28	3/4	2,193.12	3/4	1,937.96
3		3		3		3	3,352.50	3	3,131.51	3	2,910.57	3	2,689.62	3	2,442.96	3	2,187.81	3	1,932.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,347.90	1/4	3,126.91	1/4	2,905.96	1/4	2,685.02	1/4	2,437.65	1/4	2,182.49	1/4	1,927.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,343.29	1/2	3,122.31	1/2	2,901.36	1/2	2,680.42	1/2	2,432.33	1/2	2,177.17	1/2	1,922.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,338.69	3/4	3,117.70	3/4	2,896.76	3/4	2,675.81	3/4	2,427.02	3/4	2,171.86	3/4	1,916.70
4		4		4		4	3,334.08	4	3,113.10	4	2,892.16	4	2,671.21	4	2,421.70	4	2,166.54	4	1,911.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,329.48	1/4	3,108.50	1/4	2,887.55	1/4	2,666.61	1/4	2,416.39	1/4	2,161.23	1/4	1,906.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,324.88	1/2	3,103.89	1/2	2,882.95	1/2	2,662.01	1/2	2,411.07	1/2	2,155.91	1/2	1,900.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,320.27	3/4	3,099.29	3/4	2,878.35	3/4	2,657.40	3/4	2,405.75	3/4	2,150.60	3/4	1,895.44
5		5		5		5	3,315.67	5	3,094.69	5	2,873.74	5	2,652.80	5	2,400.44	5	2,145.28	5	1,890.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,311.06	1/4	3,090.08	1/4	2,869.14	1/4	2,648.20	1/4	2,395.12	1/4	2,139.96	1/4	1,884.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,306.46	1/2	3,085.48	1/2	2,864.54	1/2	2,643.41	1/2	2,389.81	1/2	2,134.65	1/2	1,879.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,301.86	3/4	3,080.88	3/4	2,859.93	3/4	2,638.63	3/4	2,384.49	3/4	2,129.33	3/4	1,874.17
6		6		6		6	3,297.25	6	3,076.28	6	2,855.33	6	2,633.85	6	2,379.17	6	2,124.02	6	1,868.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,292.65	1/4	3,071.67	1/4	2,850.73	1/4	2,629.06	1/4	2,373.86	1/4	2,118.70	1/4	1,863.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,288.04	1/2	3,067.07	1/2	2,846.13	1/2	2,623.74	1/2	2,368.54	1/2	2,113.38	1/2	1,858.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,283.44	3/4	3,062.47	3/4	2,841.52	3/4	2,618.41	3/4	2,363.23	3/4	2,108.07	3/4	1,852.91
7		7		7	3,476.54	7	3,278.84	7	3,057.86	7	2,836.92	7	2,613.09	7	2,357.91	7	2,102.75	7	1,847.59
1/4	1/4	1/4	1/4	1/4	3,476.31	1/4	3,274.23	1/4	3,053.26	1/4	2,832.32	1/4	2,607.76	1/4	2,352.60	1/4	2,097.44	1/4	1,842.28
1/2	1/2	1/2	1/2	1/2	3,474.98	1/2	3,269.63	1/2	3,048.66	1/2	2,827.71	1/2	2,602.44	1/2	2,347.28	1/2	2,092.12	1/2	1,836.96
3/4	3/4	3/4	3/4	3/4	3,473.65	3/4	3,265.02	3/4	3,044.05	3/4	2,823.11	3/4	2,597.13	3/4	2,341.96	3/4	2,086.81	3/4	1,831.65
8		8		8	3,472.32	8	3,260.42	8	3,039.45	8	2,818.51	8	2,591.81	8	2,336.65	8	2,081.49	8	1,826.33
1/4	1/4	1/4	1/4	1/4	3,470.99	1/4	3,255.81	1/4	3,034.85	1/4	2,813.90	1/4	2,586.49	1/4	2,331.33	1/4	2,076.17	1/4	1,821.02
1/2	1/2	1/2	1/2	1/2	3,467.88	1/2	3,251.21	1/2	3,030.25	1/2	2,809.30	1/2	2,581.18	1/2	2,326.02	1/2	2,070.86	1/2	1,815.70
3/4	3/4	3/4	3/4	3/4	3,464.77	3/4	3,246.61	3/4	3,025.64	3/4	2,804.70	3/4	2,575.86	3/4	2,320.70	3/4	2,065.54	3/4	1,810.38
9		9		9	3,461.67	9	3,242.00	9	3,021.04	9	2,800.10	9	2,570.54	9	2,315.39	9	2,060.23	9	1,805.07
1/4	1/4	1/4	1/4	1/4	3,458.56	1/4	3,237.40	1/4	3,016.44	1/4	2,795.49	1/4	2,565.23	1/4	2,310.07	1/4	2,054.91	1/4	1,799.75
1/2	1/2	1/2	1/2	1/2	3,453.91	1/2	3,232.79	1/2	3,011.83	1/2	2,790.89	1/2	2,559.91	1/2	2,304.75	1/2	2,049.60	1/2	1,794.44
3/4	3/4	3/4	3/4	3/4	3,449.27	3/4	3,228.19	3/4	3,007.23	3/4	2,786.29	3/4	2,554.60	3/4	2,299.44	3/4	2,044.28	3/4	1,789.12
10		10		10	3,444.62	10	3,223.59	10	3,002.63	10	2,781.68	10	2,549.28	10	2,294.12	10	2,038.96	10	1,783.81
1/4	1/4	1/4	1/4	1/4	3,439.98	1/4	3,218.98	1/4	2,998.02	1/4	2,777.08	1/4	2,543.96	1/4	2,288.81	1/4	2,033.65	1/4	1,778.49
1/2	1/2	1/2	1/2	1/2	3,435.37	1/2	3,214.38	1/2	2,993.42	1/2	2,772.48	1/2	2,538.65	1/2	2,283.49	1/2	2,028.33	1/2	1,773.17
3/4	3/4	3/4	3/4	3/4	3,430.77	3/4	3,209.77	3/4	2,988.82	3/4	2,767.87	3/4	2,533.33	3/4	2,278.17	3/4	2,023.02	3/4	1,767.86
11		11		11	3,426.17	11	3,205.17	11	2,984.22	11	2,763.27	11	2,528.02	11	2,272.86	11	2,017.70	11	1,762.54
1/4	1/4	1/4	1/4	1/4	3,421.56	1/4	3,200.57	1/4	2,979.61	1/4	2,758.67	1/4	2,522.70	1/4	2,267.54	1/4	2,012.38	1/4	1,757.23
1/2	1/2	1/2	1/2	1/2	3,416.96	1/2	3,195.96	1/2	2,975.01	1/2	2,754.07	1/2	2,517.39	1/2	2,262.23	1/2	2,007.07	1/2	1,751.91
3/4	3/4	3/4	3/4	3/4	3,412.35	3/4	3,191.36	3/4	2,970.41	3/4	2,749.46	3/4	2,512.07	3/4	2,256.91	3/4	2,001.75	3/4	1,746.59

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 24'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 11325"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 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	1,741.28	0	1,486.75	0	1,232.05	0	977.02	0	722.97	0	471.76	0	217.80	0	1.35	0		0	
1/4	1,735.96	1/4	1,481.46	1/4	1,226.74	1/4	971.71	1/4	717.75	1/4	466.50	1/4	212.47	1/4	0.46	1/4		1/4	
1/2	1,730.65	1/2	1,476.17	1/2	1,221.43	1/2	966.39	1/2	712.53	1/2	461.24	1/2	207.15	1/2		1/2		1/2	
3/4	1,725.33	3/4	1,470.88	3/4	1,216.11	3/4	961.08	3/4	707.31	3/4	455.99	3/4	201.82	3/4		3/4		3/4	
1	1,720.02	1	1,465.59	1	1,210.80	1	955.77	1	702.09	1	450.73	1	196.49	1		1		1	
1/4	1,714.70	1/4	1,460.30	1/4	1,205.49	1/4	950.45	1/4	696.87	1/4	445.47	1/4	191.17	1/4		1/4		1/4	
1/2	1,709.38	1/2	1,455.01	1/2	1,200.18	1/2	945.14	1/2	691.65	1/2	440.22	1/2	185.84	1/2		1/2		1/2	
3/4	1,704.07	3/4	1,449.72	3/4	1,194.86	3/4	939.83	3/4	686.44	3/4	434.96	3/4	180.52	3/4		3/4		3/4	
2	1,698.75	2	1,444.43	2	1,189.55	2	934.52	2	681.22	2	429.71	2	175.19	2		2		2	
1/4	1,693.44	1/4	1,439.14	1/4	1,184.24	1/4	929.20	1/4	676.00	1/4	424.45	1/4	169.86	1/4		1/4		1/4	
1/2	1,688.12	1/2	1,433.85	1/2	1,178.92	1/2	923.89	1/2	670.78	1/2	419.19	1/2	164.54	1/2		1/2		1/2	
3/4	1,682.80	3/4	1,428.56	3/4	1,173.61	3/4	918.58	3/4	665.56	3/4	413.94	3/4	159.21	3/4		3/4		3/4	
3	1,677.49	3	1,423.27	3	1,168.30	3	913.26	3	660.34	3	408.68	3	153.89	3		3		3	
1/4	1,672.17	1/4	1,417.98	1/4	1,162.98	1/4	907.95	1/4	655.12	1/4	403.43	1/4	148.56	1/4		1/4		1/4	
1/2	1,666.86	1/2	1,412.68	1/2	1,157.67	1/2	902.64	1/2	649.90	1/2	398.17	1/2	143.23	1/2		1/2		1/2	
3/4	1,661.54	3/4	1,407.37	3/4	1,152.36	3/4	897.32	3/4	644.68	3/4	392.91	3/4	137.91	3/4		3/4		3/4	
4	1,656.23	4	1,402.07	4	1,147.04	4	892.01	4	639.46	4	387.66	4	132.58	4		4		4	
1/4	1,650.91	1/4	1,396.77	1/4	1,141.73	1/4	886.70	1/4	634.25	1/4	382.40	1/4	127.26	1/4		1/4		1/4	
1/2	1,645.59	1/2	1,391.46	1/2	1,136.42	1/2	881.38	1/2	629.03	1/2	377.15	1/2	121.93	1/2		1/2		1/2	
3/4	1,640.28	3/4	1,386.14	3/4	1,131.10	3/4	876.07	3/4	623.81	3/4	371.89	3/4	116.60	3/4		3/4		3/4	
5	1,634.96	5	1,380.83	5	1,125.79	5	870.76	5	618.59	5	366.63	5	111.28	5		5		5	
1/4	1,629.65	1/4	1,375.51	1/4	1,120.48	1/4	865.44	1/4	613.37	1/4	361.38	1/4	105.95	1/4		1/4		1/4	
1/2	1,624.34	1/2	1,370.20	1/2	1,115.16	1/2	860.13	1/2	608.15	1/2	356.06	1/2	100.85	1/2		1/2		1/2	
3/4	1,619.04	3/4	1,364.88	3/4	1,109.85	3/4	854.82	3/4	602.93	3/4	350.74	3/4	95.74	3/4		3/4		3/4	
6	1,613.74	6	1,359.57	6	1,104.54	6	849.50	6	597.71	6	345.43	6	90.64	6		6		6	
1/4	1,608.44	1/4	1,354.26	1/4	1,099.22	1/4	844.19	1/4	592.49	1/4	340.11	1/4	85.53	1/4		1/4		1/4	
1/2	1,603.14	1/2	1,348.94	1/2	1,093.91	1/2	838.88	1/2	587.28	1/2	334.79	1/2	80.76	1/2		1/2		1/2	
3/4	1,597.85	3/4	1,343.63	3/4	1,088.60	3/4	833.56	3/4	582.06	3/4	329.48	3/4	75.99	3/4		3/4		3/4	
7	1,592.56	7	1,338.32	7	1,083.28	7	828.25	7	576.84	7	324.16	7	71.22	7		7		7	
1/4	1,587.27	1/4	1,333.01	1/4	1,077.97	1/4	822.94	1/4	571.62	1/4	318.84	1/4	66.45	1/4		1/4		1/4	
1/2	1,581.98	1/2	1,327.69	1/2	1,072.66	1/2	817.62	1/2	566.37	1/2	313.53	1/2	62.02	1/2		1/2		1/2	
3/4	1,576.69	3/4	1,322.38	3/4	1,067.35	3/4	812.31	3/4	561.11	3/4	308.21	3/4	57.59	3/4		3/4		3/4	
8	1,571.40	8	1,317.07	8	1,062.03	8	807.00	8	555.85	8	302.89	8	53.17	8		8		8	
1/4	1,566.11	1/4	1,311.75	1/4	1,056.72	1/4	801.69	1/4	550.60	1/4	297.58	1/4	48.74	1/4		1/4		1/4	
1/2	1,560.82	1/2	1,306.44	1/2	1,051.41	1/2	796.43	1/2	545.34	1/2	292.26	1/2	44.66	1/2		1/2		1/2	
3/4	1,555.53	3/4	1,301.13	3/4	1,046.09	3/4	791.18	3/4	540.08	3/4	286.94	3/4	40.57	3/4		3/4		3/4	
9	1,550.24	9	1,295.81	9	1,040.78	9	785.92	9	534.83	9	281.63	9	36.49	9		9		9	
1/4	1,544.95	1/4	1,290.50	1/4	1,035.47	1/4	780.66	1/4	529.57	1/4	276.31	1/4	32.41	1/4		1/4		1/4	
1/2	1,539.66	1/2	1,285.19	1/2	1,030.15	1/2	775.41	1/2	524.32	1/2	271.00	1/2	27.97	1/2		1/2		1/2	
3/4	1,534.37	3/4	1,279.87	3/4	1,024.84	3/4	770.15	3/4	519.06	3/4	265.68	3/4	23.53	3/4		3/4		3/4	
10	1,529.08	10	1,274.56	10	1,019.53	10	764.90	10	513.80	10	260.36	10	19.10	10		10		10	
1/4	1,523.79	1/4	1,269.25	1/4	1,014.21	1/4	759.64	1/4	508.55	1/4	255.05	1/4	14.66	1/4		1/4		1/4	
1/2	1,518.50	1/2	1,263.93	1/2	1,008.90	1/2	754.39	1/2	503.29	1/2	249.73	1/2	11.99	1/2		1/2		1/2	
3/4	1,513.21	3/4	1,258.62	3/4	1,003.59	3/4	749.13	3/4	498.04	3/4	244.41	3/4	9.33	3/4		3/4		3/4	
11	1,507.92	11	1,253.31	11	998.27	11	743.88	11	492.78	11	239.09	11	6.67	11		11		11	
1/4	1,502.63	1/4	1,247.99	1/4	992.96	1/4	738.62	1/4	487.52	1/4	233.78	1/4	4.01	1/4		1/4		1/4	
1/2	1,497.33	1/2	1,242.68	1/2	987.65	1/2	733.41	1/2	482.27	1/2	228.45	1/2	3.12	1/2		1/2		1/2	
3/4	1,492.04	3/4	1,237.37	3/4	982.33	3/4	728.19	3/4	477.01	3/4	223.12	3/4	2.23	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/2007 CL - SW  
CALCULATED: 10/02/2007 CL  
PRINTED: 10/02/2007 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2007

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



# BARGE "KIRBY 11325"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,522.63	0	3,268.34	0	3,014.06	0	2,759.77	0	2,505.48	0	2,251.19	0	1,996.90		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,517.34	1/4	3,263.05	1/4	3,008.76	1/4	2,754.47	1/4	2,500.18	1/4	2,245.89	1/4	1,991.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,512.04	1/2	3,257.75	1/2	3,003.46	1/2	2,749.17	1/2	2,494.88	1/2	2,240.59	1/2	1,986.30		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,506.74	3/4	3,252.45	3/4	2,998.16	3/4	2,743.87	3/4	2,489.58	3/4	2,235.29	3/4	1,981.00		
1		1		1		1	3,501.44	1	3,247.15	1	2,992.86	1	2,738.57	1	2,484.29	1	2,230.00	1	1,975.71		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,496.15	1/4	3,241.86	1/4	2,987.57	1/4	2,733.28	1/4	2,478.99	1/4	2,224.70	1/4	1,970.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,490.85	1/2	3,236.56	1/2	2,982.27	1/2	2,727.98	1/2	2,473.69	1/2	2,219.40	1/2	1,965.11		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,485.55	3/4	3,231.26	3/4	2,976.97	3/4	2,722.68	3/4	2,468.39	3/4	2,214.10	3/4	1,959.81		
2		2		2		2	3,480.25	2	3,225.96	2	2,971.67	2	2,717.38	2	2,463.09	2	2,208.80	2	1,954.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,474.96	1/4	3,220.67	1/4	2,966.38	1/4	2,712.09	1/4	2,457.80	1/4	2,203.51	1/4	1,949.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,469.66	1/2	3,215.37	1/2	2,961.08	1/2	2,706.79	1/2	2,452.50	1/2	2,198.21	1/2	1,943.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,464.36	3/4	3,210.07	3/4	2,955.78	3/4	2,701.49	3/4	2,447.20	3/4	2,192.91	3/4	1,938.62		
3		3		3		3	3,459.06	3	3,204.77	3	2,950.48	3	2,696.19	3	2,441.90	3	2,187.61	3	1,933.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,453.76	1/4	3,199.47	1/4	2,945.18	1/4	2,690.90	1/4	2,436.61	1/4	2,182.32	1/4	1,928.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,448.47	1/2	3,194.18	1/2	2,939.89	1/2	2,685.60	1/2	2,431.31	1/2	2,177.02	1/2	1,922.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,443.17	3/4	3,188.88	3/4	2,934.59	3/4	2,680.30	3/4	2,426.01	3/4	2,171.72	3/4	1,917.43		
4		4		4		4	3,437.87	4	3,183.58	4	2,929.29	4	2,675.00	4	2,420.71	4	2,166.42	4	1,912.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,432.57	1/4	3,178.28	1/4	2,923.99	1/4	2,669.70	1/4	2,415.41	1/4	2,161.13	1/4	1,906.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,427.28	1/2	3,172.99	1/2	2,918.70	1/2	2,664.41	1/2	2,410.12	1/2	2,155.83	1/2	1,901.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,421.98	3/4	3,167.69	3/4	2,913.40	3/4	2,659.11	3/4	2,404.82	3/4	2,150.53	3/4	1,896.24		
5		5		5		5	3,416.68	5	3,162.39	5	2,908.10	5	2,653.81	5	2,399.52	5	2,145.23	5	1,890.94		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,411.38	1/4	3,157.09	1/4	2,902.80	1/4	2,648.51	1/4	2,394.22	1/4	2,139.93	1/4	1,885.64		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,406.08	1/2	3,151.80	1/2	2,897.51	1/2	2,643.22	1/2	2,388.93	1/2	2,134.64	1/2	1,880.35		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,400.79	3/4	3,146.50	3/4	2,892.21	3/4	2,637.92	3/4	2,383.63	3/4	2,129.34	3/4	1,875.05		
6		6		6		6	3,395.49	6	3,141.20	6	2,886.91	6	2,632.62	6	2,378.33	6	2,124.04	6	1,869.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,390.19	1/4	3,135.90	1/4	2,881.61	1/4	2,627.32	1/4	2,373.03	1/4	2,118.74	1/4	1,864.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,384.89	1/2	3,130.60	1/2	2,876.31	1/2	2,622.03	1/2	2,367.74	1/2	2,113.45	1/2	1,859.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,602.11	3/4	3,379.60	3/4	3,125.31	3/4	2,871.02	3/4	2,616.73	3/4	2,362.44	3/4	2,108.15	3/4	1,853.86
7		7		7		7	3,601.89	7	3,374.30	7	3,120.01	7	2,865.72	7	2,611.43	7	2,357.14	7	2,102.85	7	1,848.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,600.57	1/4	3,369.00	1/4	3,114.71	1/4	2,860.42	1/4	2,606.13	1/4	2,351.84	1/4	2,097.55	1/4	1,843.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,599.24	1/2	3,363.70	1/2	3,109.41	1/2	2,855.12	1/2	2,600.83	1/2	2,346.54	1/2	2,092.26	1/2	1,837.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,597.92	3/4	3,358.41	3/4	3,104.12	3/4	2,849.83	3/4	2,595.54	3/4	2,341.25	3/4	2,086.96	3/4	1,832.67
8		8		8		8	3,596.59	8	3,353.11	8	3,098.82	8	2,844.53	8	2,590.24	8	2,335.95	8	2,081.66	8	1,827.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,593.50	1/4	3,347.81	1/4	3,093.52	1/4	2,839.23	1/4	2,584.94	1/4	2,330.65	1/4	2,076.36	1/4	1,822.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,590.41	1/2	3,342.51	1/2	3,088.22	1/2	2,833.93	1/2	2,579.64	1/2	2,325.35	1/2	2,071.06	1/2	1,816.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,587.32	3/4	3,337.21	3/4	3,082.93	3/4	2,828.64	3/4	2,574.35	3/4	2,320.06	3/4	2,065.77	3/4	1,811.48
9		9		9		9	3,584.23	9	3,331.92	9	3,077.63	9	2,823.34	9	2,569.05	9	2,314.76	9	2,060.47	9	1,806.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,579.43	1/4	3,326.62	1/4	3,072.33	1/4	2,818.04	1/4	2,563.75	1/4	2,309.46	1/4	2,055.17	1/4	1,800.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,574.62	1/2	3,321.32	1/2	3,067.03	1/2	2,812.74	1/2	2,558.45	1/2	2,304.16	1/2	2,049.87	1/2	1,795.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,569.82	3/4	3,316.02	3/4	3,061.73	3/4	2,807.44	3/4	2,553.16	3/4	2,298.87	3/4	2,044.58	3/4	1,790.29
10		10		10		10	3,565.02	10	3,310.73	10	3,056.44	10	2,802.15	10	2,547.86	10	2,293.57	10	2,039.28	10	1,784.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,559.72	1/4	3,305.43	1/4	3,051.14	1/4	2,796.85	1/4	2,542.56	1/4	2,288.27	1/4	2,033.98	1/4	1,779.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,554.42	1/2	3,300.13	1/2	3,045.84	1/2	2,791.55	1/2	2,537.26	1/2	2,282.97	1/2	2,028.68	1/2	1,774.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,549.12	3/4	3,294.83	3/4	3,040.54	3/4	2,786.25	3/4	2,531.96	3/4	2,277.67	3/4	2,023.39	3/4	1,769.10
11		11		11		11	3,543.83	11	3,289.54	11	3,035.25	11	2,780.96	11	2,526.67	11	2,272.38	11	2,018.09	11	1,763.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,538.53	1/4	3,284.24	1/4	3,029.95	1/4	2,775.66	1/4	2,521.37	1/4	2,267.08	1/4	2,012.79	1/4	1,758.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,533.23	1/2	3,278.94	1/2	3,024.65	1/2	2,770.36	1/2	2,516.07	1/2	2,261.78	1/2	2,007.49	1/2	1,753.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,527.93	3/4	3,273.64	3/4	3,019.35	3/4	2,765.06	3/4	2,510.77	3/4	2,256.48	3/4	2,002.19	3/4	1,747.90

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 24'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092

Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "KIRBY 11325"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00"

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	1,742.61	0	1,488.32	0	1,234.03	0	979.74	0	726.59	0	475.76	0	222.93	0	0.46	0		0	
1/4	1,737.31	1/4	1,483.02	1/4	1,228.73	1/4	974.44	1/4	721.37	1/4	470.54	1/4	217.63	1/4		1/4		1/4	
1/2	1,732.01	1/2	1,477.72	1/2	1,223.43	1/2	969.14	1/2	716.14	1/2	465.31	1/2	212.33	1/2		1/2		1/2	
3/4	1,726.71	3/4	1,472.42	3/4	1,218.13	3/4	963.85	3/4	710.91	3/4	460.08	3/4	207.04	3/4		3/4		3/4	
1	1,721.42	1	1,467.13	1	1,212.84	1	958.55	1	705.69	1	454.86	1	201.74	1		1		1	
1/4	1,716.12	1/4	1,461.83	1/4	1,207.54	1/4	953.25	1/4	700.46	1/4	449.63	1/4	196.44	1/4		1/4		1/4	
1/2	1,710.82	1/2	1,456.53	1/2	1,202.24	1/2	947.95	1/2	695.24	1/2	444.41	1/2	191.15	1/2		1/2		1/2	
3/4	1,705.52	3/4	1,451.23	3/4	1,196.94	3/4	942.65	3/4	690.01	3/4	439.18	3/4	185.85	3/4		3/4		3/4	
2	1,700.23	2	1,445.94	2	1,191.65	2	937.36	2	684.79	2	433.95	2	180.55	2		2		2	
1/4	1,694.93	1/4	1,440.64	1/4	1,186.35	1/4	932.06	1/4	679.56	1/4	428.73	1/4	175.25	1/4		1/4		1/4	
1/2	1,689.63	1/2	1,435.34	1/2	1,181.05	1/2	926.76	1/2	674.34	1/2	423.50	1/2	169.96	1/2		1/2		1/2	
3/4	1,684.33	3/4	1,430.04	3/4	1,175.75	3/4	921.46	3/4	669.11	3/4	418.28	3/4	164.66	3/4		3/4		3/4	
3	1,679.03	3	1,424.75	3	1,170.46	3	916.17	3	663.89	3	413.05	3	159.36	3		3		3	
1/4	1,673.74	1/4	1,419.45	1/4	1,165.16	1/4	910.87	1/4	658.66	1/4	407.83	1/4	154.07	1/4		1/4		1/4	
1/2	1,668.44	1/2	1,414.15	1/2	1,159.86	1/2	905.57	1/2	653.44	1/2	402.60	1/2	148.77	1/2		1/2		1/2	
3/4	1,663.14	3/4	1,408.85	3/4	1,154.56	3/4	900.27	3/4	648.21	3/4	397.37	3/4	143.47	3/4		3/4		3/4	
4	1,657.84	4	1,403.55	4	1,149.26	4	894.98	4	642.98	4	392.15	4	138.18	4		4		4	
1/4	1,652.55	1/4	1,398.26	1/4	1,143.97	1/4	889.68	1/4	637.76	1/4	386.92	1/4	132.88	1/4		1/4		1/4	
1/2	1,647.25	1/2	1,392.96	1/2	1,138.67	1/2	884.38	1/2	632.53	1/2	381.70	1/2	127.58	1/2		1/2		1/2	
3/4	1,641.95	3/4	1,387.66	3/4	1,133.37	3/4	879.08	3/4	627.31	3/4	376.47	3/4	122.28	3/4		3/4		3/4	
5	1,636.65	5	1,382.36	5	1,128.07	5	873.78	5	622.08	5	371.24	5	116.99	5		5		5	
1/4	1,631.36	1/4	1,377.07	1/4	1,122.78	1/4	868.49	1/4	616.86	1/4	365.95	1/4	111.69	1/4		1/4		1/4	
1/2	1,626.06	1/2	1,371.77	1/2	1,117.48	1/2	863.19	1/2	611.63	1/2	360.65	1/2	106.39	1/2		1/2		1/2	
3/4	1,620.76	3/4	1,366.47	3/4	1,112.18	3/4	857.89	3/4	606.41	3/4	355.35	3/4	101.10	3/4		3/4		3/4	
6	1,615.46	6	1,361.17	6	1,106.88	6	852.59	6	601.18	6	350.06	6	95.80	6		6		6	
1/4	1,610.16	1/4	1,355.87	1/4	1,101.59	1/4	847.30	1/4	595.96	1/4	344.76	1/4	90.50	1/4		1/4		1/4	
1/2	1,604.87	1/2	1,350.58	1/2	1,096.29	1/2	842.00	1/2	590.73	1/2	339.46	1/2	85.21	1/2		1/2		1/2	
3/4	1,599.57	3/4	1,345.28	3/4	1,090.99	3/4	836.70	3/4	585.51	3/4	334.16	3/4	79.91	3/4		3/4		3/4	
7	1,594.27	7	1,339.98	7	1,085.69	7	831.40	7	580.28	7	328.87	7	74.61	7		7		7	
1/4	1,588.97	1/4	1,334.68	1/4	1,080.39	1/4	826.10	1/4	575.05	1/4	323.57	1/4	69.31	1/4		1/4		1/4	
1/2	1,583.68	1/2	1,329.39	1/2	1,075.10	1/2	820.81	1/2	569.83	1/2	318.27	1/2	64.02	1/2		1/2		1/2	
3/4	1,578.38	3/4	1,324.09	3/4	1,069.80	3/4	815.51	3/4	564.60	3/4	312.98	3/4	58.72	3/4		3/4		3/4	
8	1,573.08	8	1,318.79	8	1,064.50	8	810.21	8	559.38	8	307.68	8	53.42	8		8		8	
1/4	1,567.78	1/4	1,313.49	1/4	1,059.20	1/4	804.99	1/4	554.15	1/4	302.38	1/4	48.13	1/4		1/4		1/4	
1/2	1,562.49	1/2	1,308.20	1/2	1,053.91	1/2	799.76	1/2	548.92	1/2	297.09	1/2	42.83	1/2		1/2		1/2	
3/4	1,557.19	3/4	1,302.90	3/4	1,048.61	3/4	794.53	3/4	543.70	3/4	291.79	3/4	37.53	3/4		3/4		3/4	
9	1,551.89	9	1,297.60	9	1,043.31	9	789.31	9	538.47	9	286.49	9	32.24	9		9		9	
1/4	1,546.59	1/4	1,292.30	1/4	1,038.01	1/4	784.08	1/4	533.25	1/4	281.19	1/4	27.82	1/4		1/4		1/4	
1/2	1,541.29	1/2	1,287.00	1/2	1,032.72	1/2	778.85	1/2	528.02	1/2	275.90	1/2	23.41	1/2		1/2		1/2	
3/4	1,536.00	3/4	1,281.71	3/4	1,027.42	3/4	773.63	3/4	522.79	3/4	270.60	3/4	18.99	3/4		3/4		3/4	
10	1,530.70	10	1,276.41	10	1,022.12	10	768.40	10	517.57	10	265.30	10	14.58	10		10		10	
1/4	1,525.40	1/4	1,271.11	1/4	1,016.82	1/4	763.17	1/4	512.34	1/4	260.01	1/4	11.93	1/4		1/4		1/4	
1/2	1,520.10	1/2	1,265.81	1/2	1,011.52	1/2	757.95	1/2	507.12	1/2	254.71	1/2	9.28	1/2		1/2		1/2	
3/4	1,514.81	3/4	1,260.52	3/4	1,006.23	3/4	752.72	3/4	501.89	3/4	249.41	3/4	6.64	3/4		3/4		3/4	
11	1,509.51	11	1,255.22	11	1,000.93	11	747.49	11	496.67	11	244.12	11	3.99	11		11		11	
1/4	1,504.21	1/4	1,249.92	1/4	995.63	1/4	742.27	1/4	491.44	1/4	238.82	1/4	3.11	1/4		1/4		1/4	
1/2	1,498.91	1/2	1,244.62	1/2	990.33	1/2	737.04	1/2	486.21	1/2	233.52	1/2	2.22	1/2		1/2		1/2	
3/4	1,493.62	3/4	1,239.33	3/4	985.04	3/4	731.82	3/4	480.99	3/4	228.22	3/4	1.34	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/2007 CL - SW  
CALCULATED: 10/02/2007 CL  
PRINTED: 10/02/2007 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2007

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



# BARGE "KIRBY 11325"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,757.30	0	3,486.46	0	3,215.63	0	2,944.79	0	2,673.96	0	2,403.12	0	2,132.29		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,751.66	1/4	3,480.82	1/4	3,209.99	1/4	2,939.15	1/4	2,668.32	1/4	2,397.48	1/4	2,126.65		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,746.01	1/2	3,475.18	1/2	3,204.34	1/2	2,933.51	1/2	2,662.67	1/2	2,391.84	1/2	2,121.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,740.37	3/4	3,469.54	3/4	3,198.70	3/4	2,927.87	3/4	2,657.03	3/4	2,385.20	3/4	2,115.36		
1		1		1		1	3,734.73	1	3,463.89	1	3,193.06	1	2,922.22	1	2,651.39	1	2,380.55	1	2,109.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,729.09	1/4	3,458.25	1/4	3,187.42	1/4	2,916.58	1/4	2,645.75	1/4	2,374.91	1/4	2,104.08		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,723.44	1/2	3,452.61	1/2	3,181.77	1/2	2,910.94	1/2	2,640.10	1/2	2,369.27	1/2	2,098.43		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,717.80	3/4	3,446.97	3/4	3,176.13	3/4	2,905.30	3/4	2,634.46	3/4	2,363.63	3/4	2,092.79		
2		2		2		2	3,712.16	2	3,441.32	2	3,170.49	2	2,899.65	2	2,628.82	2	2,357.98	2	2,087.15		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,706.52	1/4	3,435.68	1/4	3,164.85	1/4	2,894.01	1/4	2,623.18	1/4	2,352.34	1/4	2,081.51		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,700.88	1/2	3,430.04	1/2	3,159.20	1/2	2,888.37	1/2	2,617.53	1/2	2,346.70	1/2	2,075.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,695.23	3/4	3,424.40	3/4	3,153.56	3/4	2,882.73	3/4	2,611.89	3/4	2,341.06	3/4	2,070.22		
3		3		3		3	3,689.59	3	3,418.76	3	3,147.92	3	2,877.08	3	2,606.25	3	2,335.41	3	2,064.58		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,683.95	1/4	3,413.11	1/4	3,142.28	1/4	2,871.44	1/4	2,600.61	1/4	2,329.77	1/4	2,058.94		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,678.31	1/2	3,407.47	1/2	3,136.64	1/2	2,865.80	1/2	2,594.96	1/2	2,324.13	1/2	2,053.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,672.66	3/4	3,401.83	3/4	3,130.99	3/4	2,860.16	3/4	2,589.32	3/4	2,318.49	3/4	2,047.65		
4		4		4		4	3,667.02	4	3,396.19	4	3,125.35	4	2,854.52	4	2,583.68	4	2,312.84	4	2,042.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,661.38	1/4	3,390.54	1/4	3,119.71	1/4	2,848.87	1/4	2,578.04	1/4	2,307.20	1/4	2,036.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,655.74	1/2	3,384.90	1/2	3,114.07	1/2	2,843.23	1/2	2,572.40	1/2	2,301.56	1/2	2,030.72		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,650.09	3/4	3,379.26	3/4	3,108.42	3/4	2,837.59	3/4	2,566.75	3/4	2,295.92	3/4	2,025.08		
5		5		5		5	3,644.45	5	3,373.62	5	3,102.78	5	2,831.95	5	2,561.11	5	2,290.28	5	2,019.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,638.81	1/4	3,367.97	1/4	3,097.14	1/4	2,826.30	1/4	2,555.47	1/4	2,284.63	1/4	2,013.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,633.17	1/2	3,362.33	1/2	3,091.50	1/2	2,820.66	1/2	2,549.83	1/2	2,278.99	1/2	2,008.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,627.52	3/4	3,356.69	3/4	3,085.85	3/4	2,815.02	3/4	2,544.18	3/4	2,273.35	3/4	2,002.51		
6		6		6		6	3,621.88	6	3,351.05	6	3,080.21	6	2,809.38	6	2,538.54	6	2,267.71	6	1,996.87		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,616.24	1/4	3,345.40	1/4	3,074.57	1/4	2,803.73	1/4	2,532.90	1/4	2,262.06	1/4	1,991.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,610.60	1/2	3,339.76	1/2	3,068.93	1/2	2,798.09	1/2	2,527.26	1/2	2,256.42	1/2	1,985.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,841.89	3/4	3,604.95	3/4	3,334.12	3/4	3,063.28	3/4	2,792.45	3/4	2,521.61	3/4	2,250.78	3/4	1,979.94
7		7		7		7	3,599.31	7	3,328.48	7	3,057.64	7	2,786.81	7	2,515.97	7	2,245.14	7	1,974.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,840.24	1/4	3,593.67	1/4	3,322.83	1/4	3,052.00	1/4	2,781.16	1/4	2,510.33	1/4	2,239.49	1/4	1,968.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,838.83	1/2	3,588.03	1/2	3,317.19	1/2	3,046.36	1/2	2,775.52	1/2	2,504.69	1/2	2,233.85	1/2	1,963.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,837.42	3/4	3,582.38	3/4	3,311.55	3/4	3,040.71	3/4	2,769.88	3/4	2,499.04	3/4	2,228.21	3/4	1,957.37
8		8		8		8	3,836.01	8	3,576.74	8	3,305.91	8	3,035.07	8	2,764.24	8	2,493.40	8	2,222.57	8	1,951.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,832.72	1/4	3,571.10	1/4	3,300.26	1/4	3,029.43	1/4	2,758.59	1/4	2,487.76	1/4	2,216.92	1/4	1,946.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,829.43	1/2	3,565.46	1/2	3,294.62	1/2	3,023.79	1/2	2,752.95	1/2	2,482.12	1/2	2,211.28	1/2	1,940.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,826.14	3/4	3,559.82	3/4	3,288.98	3/4	3,018.14	3/4	2,747.31	3/4	2,476.47	3/4	2,205.64	3/4	1,934.80
9		9		9		9	3,822.85	9	3,554.17	9	3,283.34	9	3,012.50	9	2,741.67	9	2,470.83	9	2,200.00	9	1,929.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,817.75	1/4	3,548.53	1/4	3,277.70	1/4	3,006.86	1/4	2,736.02	1/4	2,465.19	1/4	2,194.35	1/4	1,923.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,812.64	1/2	3,542.89	1/2	3,272.05	1/2	3,001.22	1/2	2,730.38	1/2	2,459.55	1/2	2,188.71	1/2	1,917.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,807.54	3/4	3,537.25	3/4	3,266.41	3/4	2,995.58	3/4	2,724.74	3/4	2,453.90	3/4	2,183.07	3/4	1,912.23
10		10		10		10	3,802.44	10	3,531.60	10	3,260.77	10	2,989.93	10	2,719.10	10	2,448.26	10	2,177.43	10	1,906.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,796.80	1/4	3,525.96	1/4	3,255.13	1/4	2,984.29	1/4	2,713.46	1/4	2,442.62	1/4	2,171.78	1/4	1,900.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,791.15	1/2	3,520.32	1/2	3,249.48	1/2	2,978.65	1/2	2,707.81	1/2	2,436.98	1/2	2,166.14	1/2	1,895.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,785.51	3/4	3,514.68	3/4	3,243.84	3/4	2,973.01	3/4	2,702.17	3/4	2,431.34	3/4	2,160.50	3/4	1,889.66
11		11		11		11	3,779.87	11	3,509.03	11	3,238.20	11	2,967.36	11	2,696.53	11	2,425.69	11	2,154.86	11	1,884.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,774.23	1/4	3,503.39	1/4	3,232.56	1/4	2,961.72	1/4	2,690.89	1/4	2,420.05	1/4	2,149.22	1/4	1,878.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,768.58	1/2	3,497.75	1/2	3,226.91	1/2	2,956.08	1/2	2,685.24	1/2	2,414.41	1/2	2,143.57	1/2	1,872.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,762.94	3/4	3,492.11	3/4	3,221.27	3/4	2,950.44	3/4	2,679.60	3/4	2,408.77	3/4	2,137.93	3/4	1,867.10

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.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092

Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "KIRBY 11325"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00"

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	1,861.45	0	1,590.62	0	1,319.78	0	1,048.95	0	778.48	0	508.23	0	237.42	0	0.46	0		0	
1/4	1,855.81	1/4	1,584.98	1/4	1,314.14	1/4	1,043.30	1/4	772.86	1/4	502.58	1/4	231.77	1/4		1/4		1/4	
1/2	1,850.17	1/2	1,579.33	1/2	1,308.50	1/2	1,037.66	1/2	767.24	1/2	496.94	1/2	226.13	1/2		1/2		1/2	
3/4	1,844.53	3/4	1,573.69	3/4	1,302.86	3/4	1,032.02	3/4	761.62	3/4	491.30	3/4	220.49	3/4		3/4		3/4	
1	1,838.88	1	1,568.05	1	1,297.21	1	1,026.38	1	756.00	1	485.66	1	214.85	1		1		1	
1/4	1,833.24	1/4	1,562.41	1/4	1,291.57	1/4	1,020.74	1/4	750.38	1/4	480.02	1/4	209.21	1/4		1/4		1/4	
1/2	1,827.60	1/2	1,556.76	1/2	1,285.93	1/2	1,015.09	1/2	744.76	1/2	474.37	1/2	203.56	1/2		1/2		1/2	
3/4	1,821.96	3/4	1,551.12	3/4	1,280.29	3/4	1,009.45	3/4	739.15	3/4	468.73	3/4	197.92	3/4		3/4		3/4	
2	1,816.31	2	1,545.48	2	1,274.64	2	1,003.81	2	733.53	2	463.09	2	192.28	2		2		2	
1/4	1,810.67	1/4	1,539.84	1/4	1,269.00	1/4	998.17	1/4	727.91	1/4	457.45	1/4	186.64	1/4		1/4		1/4	
1/2	1,805.03	1/2	1,534.19	1/2	1,263.36	1/2	992.52	1/2	722.29	1/2	451.81	1/2	181.00	1/2		1/2		1/2	
3/4	1,799.39	3/4	1,528.55	3/4	1,257.72	3/4	986.88	3/4	716.67	3/4	446.17	3/4	175.35	3/4		3/4		3/4	
3	1,793.74	3	1,522.91	3	1,252.07	3	981.24	3	711.05	3	440.52	3	169.71	3		3		3	
1/4	1,788.10	1/4	1,517.27	1/4	1,246.43	1/4	975.60	1/4	705.43	1/4	434.88	1/4	164.07	1/4		1/4		1/4	
1/2	1,782.46	1/2	1,511.62	1/2	1,240.79	1/2	969.95	1/2	699.81	1/2	429.24	1/2	158.43	1/2		1/2		1/2	
3/4	1,776.82	3/4	1,505.98	3/4	1,235.15	3/4	964.31	3/4	694.20	3/4	423.60	3/4	152.79	3/4		3/4		3/4	
4	1,771.17	4	1,500.34	4	1,229.50	4	958.67	4	688.58	4	417.96	4	147.14	4		4		4	
1/4	1,765.53	1/4	1,494.70	1/4	1,223.86	1/4	953.03	1/4	682.96	1/4	412.31	1/4	141.50	1/4		1/4		1/4	
1/2	1,759.89	1/2	1,489.05	1/2	1,218.22	1/2	947.38	1/2	677.34	1/2	406.67	1/2	135.86	1/2		1/2		1/2	
3/4	1,754.25	3/4	1,483.41	3/4	1,212.58	3/4	941.74	3/4	671.72	3/4	401.03	3/4	130.22	3/4		3/4		3/4	
5	1,748.60	5	1,477.77	5	1,206.93	5	936.10	5	666.10	5	395.39	5	124.58	5		5		5	
1/4	1,742.96	1/4	1,472.13	1/4	1,201.29	1/4	930.46	1/4	660.48	1/4	389.75	1/4	118.94	1/4		1/4		1/4	
1/2	1,737.32	1/2	1,466.48	1/2	1,195.65	1/2	924.81	1/2	654.87	1/2	384.10	1/2	113.29	1/2		1/2		1/2	
3/4	1,731.68	3/4	1,460.84	3/4	1,190.01	3/4	919.17	3/4	649.25	3/4	378.46	3/4	107.65	3/4		3/4		3/4	
6	1,726.04	6	1,455.20	6	1,184.36	6	913.53	6	643.63	6	372.82	6	102.01	6		6		6	
1/4	1,720.39	1/4	1,449.56	1/4	1,178.72	1/4	907.89	1/4	637.99	1/4	367.18	1/4	96.37	1/4		1/4		1/4	
1/2	1,714.75	1/2	1,443.92	1/2	1,173.08	1/2	902.24	1/2	632.35	1/2	361.54	1/2	90.73	1/2		1/2		1/2	
3/4	1,709.11	3/4	1,438.27	3/4	1,167.44	3/4	896.60	3/4	626.71	3/4	355.89	3/4	85.08	3/4		3/4		3/4	
7	1,703.47	7	1,432.63	7	1,161.80	7	890.96	7	621.06	7	350.25	7	79.44	7		7		7	
1/4	1,697.82	1/4	1,426.99	1/4	1,156.15	1/4	885.32	1/4	615.42	1/4	344.61	1/4	73.80	1/4		1/4		1/4	
1/2	1,692.18	1/2	1,421.35	1/2	1,150.51	1/2	879.68	1/2	609.78	1/2	338.97	1/2	68.16	1/2		1/2		1/2	
3/4	1,686.54	3/4	1,415.70	3/4	1,144.87	3/4	874.03	3/4	604.14	3/4	333.33	3/4	62.52	3/4		3/4		3/4	
8	1,680.90	8	1,410.06	8	1,139.23	8	868.39	8	598.50	8	327.69	8	56.87	8		8		8	
1/4	1,675.25	1/4	1,404.42	1/4	1,133.58	1/4	862.77	1/4	592.85	1/4	322.04	1/4	51.23	1/4		1/4		1/4	
1/2	1,669.61	1/2	1,398.78	1/2	1,127.94	1/2	857.15	1/2	587.21	1/2	316.40	1/2	45.59	1/2		1/2		1/2	
3/4	1,663.97	3/4	1,393.13	3/4	1,122.30	3/4	851.53	3/4	581.57	3/4	310.76	3/4	39.95	3/4		3/4		3/4	
9	1,658.33	9	1,387.49	9	1,116.66	9	845.91	9	575.93	9	305.12	9	34.31	9		9		9	
1/4	1,652.68	1/4	1,381.85	1/4	1,111.01	1/4	840.29	1/4	570.29	1/4	299.48	1/4	29.61	1/4		1/4		1/4	
1/2	1,647.04	1/2	1,376.21	1/2	1,105.37	1/2	834.67	1/2	564.65	1/2	293.83	1/2	24.90	1/2		1/2		1/2	
3/4	1,641.40	3/4	1,370.56	3/4	1,099.73	3/4	829.05	3/4	559.00	3/4	288.19	3/4	20.20	3/4		3/4		3/4	
10	1,635.76	10	1,364.92	10	1,094.09	10	823.43	10	553.36	10	282.55	10	15.50	10		10		10	
1/4	1,630.11	1/4	1,359.28	1/4	1,088.44	1/4	817.81	1/4	547.72	1/4	276.91	1/4	12.68	1/4		1/4		1/4	
1/2	1,624.47	1/2	1,353.64	1/2	1,082.80	1/2	812.19	1/2	542.08	1/2	271.27	1/2	9.86	1/2		1/2		1/2	
3/4	1,618.83	3/4	1,347.99	3/4	1,077.16	3/4	806.57	3/4	536.44	3/4	265.62	3/4	7.04	3/4		3/4		3/4	
11	1,613.19	11	1,342.35	11	1,071.52	11	800.95	11	530.79	11	259.98	11	4.22	11		11		11	
1/4	1,607.54	1/4	1,336.71	1/4	1,065.87	1/4	795.33	1/4	525.15	1/4	254.34	1/4	3.28	1/4		1/4		1/4	
1/2	1,601.90	1/2	1,331.07	1/2	1,060.23	1/2	789.71	1/2	519.51	1/2	248.70	1/2	2.34	1/2		1/2		1/2	
3/4	1,596.26	3/4	1,325.42	3/4	1,054.59	3/4	784.10	3/4	513.87	3/4	243.06	3/4	1.40	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/2007 CL - SW  
CALCULATED: 10/02/2007 CL  
PRINTED: 10/02/2007 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2007

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