



BARGE "KIRBY 29024"

ULLAGE TRIM TABLE
FORMERLY "SCF 1204"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-0/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 2, 2012

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

<http://www.pmacorp.net>



BARGE "KIRBY 29024"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

BARGE "SCF 1204"

GAUGE HEIGHT 15'-05 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	4,761.87	0	4,404.63	0	4,046.51	0	3,688.23	0	3,329.95	0	2,971.67	0	2,613.32	0	2,254.94
1/4		1/4		1/4	4,754.43	1/4	4,397.19	1/4	4,039.05	1/4	3,680.76	1/4	3,322.48	1/4	2,964.20	1/4	2,605.86	1/4	2,247.47
1/2		1/2		1/2	4,746.98	1/2	4,389.75	1/2	4,031.58	1/2	3,673.30	1/2	3,315.02	1/2	2,956.74	1/2	2,598.39	1/2	2,240.00
3/4		3/4		3/4	4,739.54	3/4	4,382.31	3/4	4,024.12	3/4	3,665.84	3/4	3,307.55	3/4	2,949.27	3/4	2,590.92	3/4	2,232.54
1		1		1	4,732.10	1	4,374.86	1	4,016.65	1	3,658.37	1	3,300.09	1	2,941.81	1	2,583.46	1	2,225.07
1/4		1/4		1/4	4,724.66	1/4	4,367.42	1/4	4,009.19	1/4	3,650.91	1/4	3,292.63	1/4	2,934.34	1/4	2,575.99	1/4	2,217.60
1/2		1/2		1/2	4,717.21	1/2	4,359.98	1/2	4,001.72	1/2	3,643.44	1/2	3,285.16	1/2	2,926.88	1/2	2,568.52	1/2	2,210.14
3/4		3/4		3/4	4,709.77	3/4	4,352.52	3/4	3,994.26	3/4	3,635.98	3/4	3,277.70	3/4	2,919.42	3/4	2,561.06	3/4	2,202.67
2		2		2	4,702.33	2	4,345.06	2	3,986.80	2	3,628.52	2	3,270.23	2	2,911.95	2	2,553.59	2	2,195.20
1/4		1/4		1/4	4,694.89	1/4	4,337.61	1/4	3,979.33	1/4	3,621.05	1/4	3,262.77	1/4	2,904.49	1/4	2,546.13	1/4	2,187.74
1/2		1/2		1/2	4,687.45	1/2	4,330.15	1/2	3,971.87	1/2	3,613.59	1/2	3,255.31	1/2	2,897.02	1/2	2,538.66	1/2	2,180.27
3/4		3/4	5,026.22	3/4	4,680.00	3/4	4,322.69	3/4	3,964.40	3/4	3,606.12	3/4	3,247.84	3/4	2,889.56	3/4	2,531.19	3/4	2,172.81
3		3	5,020.95	3	4,672.56	3	4,315.22	3	3,956.94	3	3,598.66	3	3,240.38	3	2,882.10	3	2,523.73	3	2,165.34
1/4		1/4	5,015.68	1/4	4,665.12	1/4	4,307.76	1/4	3,949.48	1/4	3,591.19	1/4	3,232.91	1/4	2,874.63	1/4	2,516.26	1/4	2,157.87
1/2		1/2	5,010.42	1/2	4,657.68	1/2	4,300.29	1/2	3,942.01	1/2	3,583.73	1/2	3,225.45	1/2	2,867.17	1/2	2,508.79	1/2	2,150.41
3/4		3/4	5,003.91	3/4	4,650.23	3/4	4,292.83	3/4	3,934.55	3/4	3,576.27	3/4	3,217.98	3/4	2,859.70	3/4	2,501.33	3/4	2,142.94
4		4	4,997.40	4	4,642.79	4	4,285.36	4	3,927.08	4	3,568.80	4	3,210.52	4	2,852.24	4	2,493.86	4	2,135.47
1/4		1/4	4,990.89	1/4	4,635.35	1/4	4,277.90	1/4	3,919.62	1/4	3,561.34	1/4	3,203.06	1/4	2,844.78	1/4	2,486.39	1/4	2,128.01
1/2		1/2	4,984.38	1/2	4,627.91	1/2	4,270.44	1/2	3,912.15	1/2	3,553.87	1/2	3,195.59	1/2	2,837.32	1/2	2,478.93	1/2	2,120.54
3/4		3/4	4,977.12	3/4	4,620.46	3/4	4,262.97	3/4	3,904.69	3/4	3,546.41	3/4	3,188.13	3/4	2,829.85	3/4	2,471.46	3/4	2,113.07
5		5	4,969.85	5	4,613.02	5	4,255.51	5	3,897.23	5	3,538.94	5	3,180.66	5	2,822.38	5	2,464.00	5	2,105.61
1/4		1/4	4,962.59	1/4	4,605.58	1/4	4,248.04	1/4	3,889.76	1/4	3,531.48	1/4	3,173.20	1/4	2,814.92	1/4	2,456.53	1/4	2,098.14
1/2		1/2	4,955.33	1/2	4,598.14	1/2	4,240.58	1/2	3,882.30	1/2	3,524.02	1/2	3,165.73	1/2	2,807.45	1/2	2,449.06	1/2	2,090.68
3/4		3/4	4,947.90	3/4	4,590.69	3/4	4,233.12	3/4	3,874.83	3/4	3,516.55	3/4	3,158.27	3/4	2,799.98	3/4	2,441.60	3/4	2,083.21
6		6	4,940.47	6	4,583.25	6	4,225.65	6	3,867.37	6	3,509.09	6	3,150.81	6	2,792.52	6	2,434.13	6	2,075.74
1/4		1/4	4,933.05	1/4	4,575.81	1/4	4,218.19	1/4	3,859.91	1/4	3,501.62	1/4	3,143.34	1/4	2,785.05	1/4	2,426.66	1/4	2,068.28
1/2		1/2	4,925.62	1/2	4,568.37	1/2	4,210.72	1/2	3,852.44	1/2	3,494.16	1/2	3,135.88	1/2	2,777.58	1/2	2,419.20	1/2	2,060.81
3/4		3/4	4,918.18	3/4	4,560.92	3/4	4,203.26	3/4	3,844.98	3/4	3,486.70	3/4	3,128.41	3/4	2,770.12	3/4	2,411.73	3/4	2,053.34
7		7	4,910.73	7	4,553.48	7	4,195.79	7	3,837.51	7	3,479.23	7	3,120.95	7	2,762.65	7	2,404.26	7	2,045.88
1/4		1/4	4,903.29	1/4	4,546.04	1/4	4,188.33	1/4	3,830.05	1/4	3,471.77	1/4	3,113.49	1/4	2,755.18	1/4	2,396.80	1/4	2,038.41
1/2		1/2	4,895.85	1/2	4,538.60	1/2	4,180.87	1/2	3,822.58	1/2	3,464.30	1/2	3,106.02	1/2	2,747.72	1/2	2,389.33	1/2	2,030.94
3/4		3/4	4,888.41	3/4	4,531.15	3/4	4,173.40	3/4	3,815.12	3/4	3,456.84	3/4	3,098.56	3/4	2,740.25	3/4	2,381.86	3/4	2,023.48
8		8	4,880.96	8	4,523.71	8	4,165.94	8	3,807.66	8	3,449.37	8	3,091.09	8	2,732.79	8	2,374.40	8	2,016.01
1/4		1/4	4,873.52	1/4	4,516.27	1/4	4,158.47	1/4	3,800.19	1/4	3,441.91	1/4	3,083.63	1/4	2,725.32	1/4	2,366.93	1/4	2,008.54
1/2		1/2	4,866.07	1/2	4,508.83	1/2	4,151.01	1/2	3,792.73	1/2	3,434.45	1/2	3,076.16	1/2	2,717.85	1/2	2,359.47	1/2	2,001.08
3/4		3/4	4,858.63	3/4	4,501.39	3/4	4,143.54	3/4	3,785.26	3/4	3,426.98	3/4	3,068.70	3/4	2,710.39	3/4	2,352.00	3/4	1,993.61
9		9	4,851.19	9	4,493.94	9	4,136.08	9	3,777.80	9	3,419.52	9	3,061.24	9	2,702.92	9	2,344.53	9	1,986.15
1/4		1/4	4,843.74	1/4	4,486.50	1/4	4,128.62	1/4	3,770.33	1/4	3,412.05	1/4	3,053.77	1/4	2,695.45	1/4	2,337.07	1/4	1,978.68
1/2		1/2	4,836.30	1/2	4,479.06	1/2	4,121.15	1/2	3,762.87	1/2	3,404.59	1/2	3,046.31	1/2	2,687.99	1/2	2,329.60	1/2	1,971.21
3/4		3/4	4,828.85	3/4	4,471.62	3/4	4,113.69	3/4	3,755.41	3/4	3,397.12	3/4	3,038.84	3/4	2,680.52	3/4	2,322.13	3/4	1,963.75
10		10	4,821.41	10	4,464.17	10	4,106.22	10	3,747.94	10	3,389.66	10	3,031.38	10	2,673.05	10	2,314.67	10	1,956.28
1/4		1/4	4,813.97	1/4	4,456.73	1/4	4,098.76	1/4	3,740.48	1/4	3,382.20	1/4	3,023.91	1/4	2,665.59	1/4	2,307.20	1/4	1,948.81
1/2		1/2	4,806.52	1/2	4,449.29	1/2	4,091.30	1/2	3,733.01	1/2	3,374.73	1/2	3,016.45	1/2	2,658.12	1/2	2,299.73	1/2	1,941.35
3/4		3/4	4,799.08	3/4	4,441.85	3/4	4,083.83	3/4	3,725.55	3/4	3,367.27	3/4	3,008.99	3/4	2,650.66	3/4	2,292.27	3/4	1,933.88
11		11	4,791.64	11	4,434.40	11	4,076.37	11	3,718.09	11	3,359.80	11	3,001.52	11	2,643.19	11	2,284.80	11	1,926.41
1/4		1/4	4,784.20	1/4	4,426.96	1/4	4,068.90	1/4	3,710.62	1/4	3,352.34	1/4	2,994.06	1/4	2,635.72	1/4	2,277.34	1/4	1,918.95
1/2		1/2	4,776.75	1/2	4,419.52	1/2	4,061.44	1/2	3,703.16	1/2	3,344.88	1/2	2,986.59	1/2	2,628.26	1/2	2,269.87	1/2	1,911.48
3/4		3/4	4,769.31	3/4	4,412.08	3/4	4,053.97	3/4	3,695.69	3/4	3,337.41	3/4	2,979.13	3/4	2,620.79	3/4	2,262.40	3/4	1,904.02

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29024"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

BARGE "SCF 1204"

GAUGE HEIGHT 15'-05 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	1,896.55	0	1,538.16	0	1,179.77	0	821.88	0	463.65	0	130.32	0		0		0		0	
1/4	1,889.08	1/4	1,530.70	1/4	1,172.31	1/4	814.43	1/4	456.21	1/4	123.87	1/4		1/4		1/4		1/4	
1/2	1,881.62	1/2	1,523.23	1/2	1,164.84	1/2	806.98	1/2	448.78	1/2	117.43	1/2		1/2		1/2		1/2	
3/4	1,874.15	3/4	1,515.76	3/4	1,157.38	3/4	799.53	3/4	441.42	3/4	111.07	3/4		3/4		3/4		3/4	
1	1,866.68	1	1,508.30	1	1,149.91	1	792.07	1	434.06	1	104.71	1		1		1		1	
1/4	1,859.22	1/4	1,500.83	1/4	1,142.44	1/4	784.61	1/4	426.69	1/4	98.35	1/4		1/4		1/4		1/4	
1/2	1,851.75	1/2	1,493.36	1/2	1,134.98	1/2	777.16	1/2	419.33	1/2	91.99	1/2		1/2		1/2		1/2	
3/4	1,844.28	3/4	1,485.90	3/4	1,127.51	3/4	769.69	3/4	412.05	3/4	85.72	3/4		3/4		3/4		3/4	
2	1,836.82	2	1,478.43	2	1,120.04	2	762.23	2	404.77	2	79.45	2		2		2		2	
1/4	1,829.35	1/4	1,470.96	1/4	1,112.58	1/4	754.76	1/4	397.50	1/4	73.18	1/4		1/4		1/4		1/4	
1/2	1,821.88	1/2	1,463.50	1/2	1,105.11	1/2	747.30	1/2	390.22	1/2	66.91	1/2		1/2		1/2		1/2	
3/4	1,814.42	3/4	1,456.03	3/4	1,097.65	3/4	739.83	3/4	383.02	3/4	60.75	3/4		3/4		3/4		3/4	
3	1,806.95	3	1,448.56	3	1,090.18	3	732.37	3	375.83	3	54.58	3		3		3		3	
1/4	1,799.49	1/4	1,441.10	1/4	1,082.72	1/4	724.90	1/4	368.63	1/4	48.42	1/4		1/4		1/4		1/4	
1/2	1,792.02	1/2	1,433.63	1/2	1,075.26	1/2	717.43	1/2	361.44	1/2	42.25	1/2		1/2		1/2		1/2	
3/4	1,784.55	3/4	1,426.17	3/4	1,067.80	3/4	709.97	3/4	354.33	3/4	36.85	3/4		3/4		3/4		3/4	
4	1,777.09	4	1,418.70	4	1,060.34	4	702.50	4	347.21	4	31.45	4		4		4		4	
1/4	1,769.62	1/4	1,411.23	1/4	1,052.88	1/4	695.04	1/4	340.10	1/4	26.05	1/4		1/4		1/4		1/4	
1/2	1,762.15	1/2	1,403.77	1/2	1,045.43	1/2	687.57	1/2	332.99	1/2	20.65	1/2		1/2		1/2		1/2	
3/4	1,754.69	3/4	1,396.30	3/4	1,037.97	3/4	680.10	3/4	325.96	3/4	16.96	3/4		3/4		3/4		3/4	
5	1,747.22	5	1,388.83	5	1,030.52	5	672.64	5	318.93	5	13.26	5		5		5		5	
1/4	1,739.75	1/4	1,381.37	1/4	1,023.06	1/4	665.17	1/4	311.91	1/4	9.57	1/4		1/4		1/4		1/4	
1/2	1,732.29	1/2	1,373.90	1/2	1,015.61	1/2	657.70	1/2	304.88	1/2	5.87	1/2		1/2		1/2		1/2	
3/4	1,724.82	3/4	1,366.43	3/4	1,008.16	3/4	650.24	3/4	297.93	3/4		3/4		3/4		3/4		3/4	
6	1,717.36	6	1,358.97	6	1,000.70	6	642.77	6	290.99	6		6		6		6		6	
1/4	1,709.89	1/4	1,351.50	1/4	993.25	1/4	635.31	1/4	284.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,702.42	1/2	1,344.04	1/2	985.80	1/2	627.84	1/2	277.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,694.96	3/4	1,336.57	3/4	978.35	3/4	620.37	3/4	270.24	3/4		3/4		3/4		3/4		3/4	
7	1,687.49	7	1,329.10	7	970.90	7	612.91	7	263.38	7		7		7		7		7	
1/4	1,680.02	1/4	1,321.64	1/4	963.45	1/4	605.44	1/4	256.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,672.56	1/2	1,314.17	1/2	956.00	1/2	597.98	1/2	249.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,665.09	3/4	1,306.70	3/4	948.55	3/4	590.51	3/4	242.87	3/4		3/4		3/4		3/4		3/4	
8	1,657.62	8	1,299.24	8	941.10	8	583.04	8	236.10	8		8		8		8		8	
1/4	1,650.16	1/4	1,291.77	1/4	933.65	1/4	575.58	1/4	229.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,642.69	1/2	1,284.30	1/2	926.19	1/2	568.11	1/2	222.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,635.22	3/4	1,276.84	3/4	918.74	3/4	560.65	3/4	215.85	3/4		3/4		3/4		3/4		3/4	
9	1,627.76	9	1,269.37	9	911.29	9	553.18	9	209.15	9		9		9		9		9	
1/4	1,620.29	1/4	1,261.90	1/4	903.84	1/4	545.71	1/4	202.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,612.83	1/2	1,254.44	1/2	896.39	1/2	538.25	1/2	195.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,605.36	3/4	1,246.97	3/4	888.94	3/4	530.78	3/4	189.15	3/4		3/4		3/4		3/4		3/4	
10	1,597.89	10	1,239.51	10	881.49	10	523.31	10	182.54	10		10		10		10		10	
1/4	1,590.43	1/4	1,232.04	1/4	874.04	1/4	515.85	1/4	175.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,582.96	1/2	1,224.57	1/2	866.59	1/2	508.38	1/2	169.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,575.49	3/4	1,217.11	3/4	859.14	3/4	500.92	3/4	162.79	3/4		3/4		3/4		3/4		3/4	
11	1,568.03	11	1,209.64	11	851.69	11	493.45	11	156.26	11		11		11		11		11	
1/4	1,560.56	1/4	1,202.17	1/4	844.24	1/4	485.98	1/4	149.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,553.09	1/2	1,194.71	1/2	836.79	1/2	478.52	1/2	143.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,545.63	3/4	1,187.24	3/4	829.33	3/4	471.08	3/4	136.76	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2012 CL - SW
CALCULATED: 07/02/2012 CL
NAME CHANGE: 07/07/2017

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "KIRBY 29024"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,769.32	0	4,410.93	0	4,052.55	0	3,694.16	0	3,335.77	0	2,977.39	0	2,619.00	0	2,260.61
1/4		1/4		1/4	4,761.85	1/4	4,403.47	1/4	4,045.08	1/4	3,686.69	1/4	3,328.31	1/4	2,969.92	1/4	2,611.53	1/4	2,253.14
1/2		1/2		1/2	4,754.39	1/2	4,396.00	1/2	4,037.61	1/2	3,679.23	1/2	3,320.84	1/2	2,962.45	1/2	2,604.07	1/2	2,245.68
3/4		3/4		3/4	4,746.92	3/4	4,388.53	3/4	4,030.15	3/4	3,671.76	3/4	3,313.37	3/4	2,954.99	3/4	2,596.60	3/4	2,238.21
1		1		1	4,739.46	1	4,381.07	1	4,022.68	1	3,664.29	1	3,305.91	1	2,947.52	1	2,589.13	1	2,230.75
1/4		1/4		1/4	4,731.99	1/4	4,373.60	1/4	4,015.21	1/4	3,656.83	1/4	3,298.44	1/4	2,940.05	1/4	2,581.67	1/4	2,223.28
1/2		1/2		1/2	4,724.52	1/2	4,366.14	1/2	4,007.75	1/2	3,649.36	1/2	3,290.97	1/2	2,932.59	1/2	2,574.20	1/2	2,215.81
3/4		3/4		3/4	4,717.06	3/4	4,358.67	3/4	4,000.28	3/4	3,641.89	3/4	3,283.51	3/4	2,925.12	3/4	2,566.73	3/4	2,208.35
2		2		2	4,709.59	2	4,351.20	2	3,992.82	2	3,634.43	2	3,276.04	2	2,917.65	2	2,559.27	2	2,200.88
1/4		1/4		1/4	4,702.12	1/4	4,343.74	1/4	3,985.35	1/4	3,626.96	1/4	3,268.57	1/4	2,910.19	1/4	2,551.80	1/4	2,193.41
1/2		1/2		1/2	4,694.66	1/2	4,336.27	1/2	3,977.88	1/2	3,619.50	1/2	3,261.11	1/2	2,902.72	1/2	2,544.33	1/2	2,185.95
3/4		3/4		3/4	4,687.19	3/4	4,328.80	3/4	3,970.42	3/4	3,612.03	3/4	3,253.64	3/4	2,895.25	3/4	2,536.87	3/4	2,178.48
3		3	5,026.99	3	4,679.72	3	4,321.34	3	3,962.95	3	3,604.56	3	3,246.18	3	2,887.79	3	2,529.40	3	2,171.01
1/4		1/4	5,021.71	1/4	4,672.26	1/4	4,313.87	1/4	3,955.48	1/4	3,597.10	1/4	3,238.71	1/4	2,880.32	1/4	2,521.93	1/4	2,163.55
1/2		1/2	5,016.42	1/2	4,664.79	1/2	4,306.40	1/2	3,948.02	1/2	3,589.63	1/2	3,231.24	1/2	2,872.86	1/2	2,514.47	1/2	2,156.08
3/4		3/4	5,011.13	3/4	4,657.33	3/4	4,298.94	3/4	3,940.55	3/4	3,582.16	3/4	3,223.78	3/4	2,865.39	3/4	2,507.00	3/4	2,148.61
4		4	5,004.60	4	4,649.86	4	4,291.47	4	3,933.08	4	3,574.70	4	3,216.31	4	2,857.92	4	2,499.54	4	2,141.15
1/4		1/4	4,998.07	1/4	4,642.39	1/4	4,284.01	1/4	3,925.62	1/4	3,567.23	1/4	3,208.84	1/4	2,850.46	1/4	2,492.07	1/4	2,133.68
1/2		1/2	4,991.53	1/2	4,634.93	1/2	4,276.54	1/2	3,918.15	1/2	3,559.76	1/2	3,201.38	1/2	2,842.99	1/2	2,484.60	1/2	2,126.22
3/4		3/4	4,985.00	3/4	4,627.46	3/4	4,269.07	3/4	3,910.69	3/4	3,552.30	3/4	3,193.91	3/4	2,835.52	3/4	2,477.14	3/4	2,118.75
5		5	4,977.72	5	4,619.99	5	4,261.61	5	3,903.22	5	3,544.83	5	3,186.44	5	2,828.06	5	2,469.67	5	2,111.28
1/4		1/4	4,970.43	1/4	4,612.53	1/4	4,254.14	1/4	3,895.75	1/4	3,537.37	1/4	3,178.98	1/4	2,820.59	1/4	2,462.20	1/4	2,103.82
1/2		1/2	4,963.15	1/2	4,605.06	1/2	4,246.67	1/2	3,888.29	1/2	3,529.90	1/2	3,171.51	1/2	2,813.12	1/2	2,454.74	1/2	2,096.35
3/4		3/4	4,955.87	3/4	4,597.59	3/4	4,239.21	3/4	3,880.82	3/4	3,522.43	3/4	3,164.05	3/4	2,805.66	3/4	2,447.27	3/4	2,088.88
6		6	4,948.42	6	4,590.13	6	4,231.74	6	3,873.35	6	3,514.97	6	3,156.58	6	2,798.19	6	2,439.80	6	2,081.42
1/4		1/4	4,940.97	1/4	4,582.66	1/4	4,224.27	1/4	3,865.89	1/4	3,507.50	1/4	3,149.11	1/4	2,790.73	1/4	2,432.34	1/4	2,073.95
1/2		1/2	4,933.52	1/2	4,575.19	1/2	4,216.81	1/2	3,858.42	1/2	3,500.03	1/2	3,141.65	1/2	2,783.26	1/2	2,424.87	1/2	2,066.48
3/4		3/4	4,926.07	3/4	4,567.73	3/4	4,209.34	3/4	3,850.95	3/4	3,492.57	3/4	3,134.18	3/4	2,775.79	3/4	2,417.41	3/4	2,059.02
7		7	4,918.61	7	4,560.26	7	4,201.87	7	3,843.49	7	3,485.10	7	3,126.71	7	2,768.33	7	2,409.94	7	2,051.55
1/4		1/4	4,911.14	1/4	4,552.80	1/4	4,194.41	1/4	3,836.02	1/4	3,477.63	1/4	3,119.25	1/4	2,760.86	1/4	2,402.47	1/4	2,044.09
1/2		1/2	4,903.68	1/2	4,545.33	1/2	4,186.94	1/2	3,828.55	1/2	3,470.17	1/2	3,111.78	1/2	2,753.39	1/2	2,395.01	1/2	2,036.62
3/4		3/4	4,896.22	3/4	4,537.86	3/4	4,179.48	3/4	3,821.09	3/4	3,462.70	3/4	3,104.31	3/4	2,745.93	3/4	2,387.54	3/4	2,029.15
8		8	4,888.76	8	4,530.40	8	4,172.01	8	3,813.62	8	3,455.23	8	3,096.85	8	2,738.46	8	2,380.07	8	2,021.69
1/4		1/4	4,881.30	1/4	4,522.93	1/4	4,164.54	1/4	3,806.16	1/4	3,447.77	1/4	3,089.38	1/4	2,730.99	1/4	2,372.61	1/4	2,014.22
1/2		1/2	4,873.84	1/2	4,515.46	1/2	4,157.08	1/2	3,798.69	1/2	3,440.30	1/2	3,081.91	1/2	2,723.53	1/2	2,365.14	1/2	2,006.75
3/4		3/4	4,866.38	3/4	4,508.00	3/4	4,149.61	3/4	3,791.22	3/4	3,432.84	3/4	3,074.45	3/4	2,716.06	3/4	2,357.67	3/4	1,999.29
9		9	4,858.92	9	4,500.53	9	4,142.14	9	3,783.76	9	3,425.37	9	3,066.98	9	2,708.59	9	2,350.21	9	1,991.82
1/4		1/4	4,851.45	1/4	4,493.06	1/4	4,134.68	1/4	3,776.29	1/4	3,417.90	1/4	3,059.52	1/4	2,701.13	1/4	2,342.74	1/4	1,984.35
1/2		1/2	4,843.99	1/2	4,485.60	1/2	4,127.21	1/2	3,768.82	1/2	3,410.44	1/2	3,052.05	1/2	2,693.66	1/2	2,335.27	1/2	1,976.89
3/4		3/4	4,836.52	3/4	4,478.13	3/4	4,119.74	3/4	3,761.36	3/4	3,402.97	3/4	3,044.58	3/4	2,686.20	3/4	2,327.81	3/4	1,969.42
10		10	4,829.05	10	4,470.67	10	4,112.28	10	3,753.89	10	3,395.50	10	3,037.12	10	2,678.73	10	2,320.34	10	1,961.95
1/4		1/4	4,821.59	1/4	4,463.20	1/4	4,104.81	1/4	3,746.42	1/4	3,388.04	1/4	3,029.65	1/4	2,671.26	1/4	2,312.88	1/4	1,954.49
1/2		1/2	4,814.12	1/2	4,455.73	1/2	4,097.35	1/2	3,738.96	1/2	3,380.57	1/2	3,022.18	1/2	2,663.80	1/2	2,305.41	1/2	1,947.02
3/4		3/4	4,806.65	3/4	4,448.27	3/4	4,089.88	3/4	3,731.49	3/4	3,373.10	3/4	3,014.72	3/4	2,656.33	3/4	2,297.94	3/4	1,939.56
11		11	4,799.19	11	4,440.80	11	4,082.41	11	3,724.03	11	3,365.64	11	3,007.25	11	2,648.86	11	2,290.48	11	1,932.09
1/4		1/4	4,791.72	1/4	4,433.33	1/4	4,074.95	1/4	3,716.56	1/4	3,358.17	1/4	2,999.78	1/4	2,641.40	1/4	2,283.01	1/4	1,924.62
1/2		1/2	4,784.25	1/2	4,425.87	1/2	4,067.48	1/2	3,709.09	1/2	3,350.71	1/2	2,992.32	1/2	2,633.93	1/2	2,275.54	1/2	1,917.16
3/4		3/4	4,776.79	3/4	4,418.40	3/4	4,060.01	3/4	3,701.63	3/4	3,343.24	3/4	2,984.85	3/4	2,626.46	3/4	2,268.08	3/4	1,909.69

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 TO TOP OF "MMC" CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29024"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,902.22	0	1,543.84	0	1,185.45	0	829.09	0	471.10	0	136.77	0		0		0		0	
1/4	1,894.76	1/4	1,536.37	1/4	1,177.98	1/4	821.68	1/4	463.66	1/4	130.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,887.29	1/2	1,528.90	1/2	1,170.52	1/2	814.27	1/2	456.23	1/2	123.88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,879.82	3/4	1,521.44	3/4	1,163.05	3/4	806.87	3/4	448.79	3/4	117.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,872.36	1	1,513.97	1	1,155.60	1	799.44	1	441.43	1	111.08	1		1		1		1	
1/4	1,864.89	1/4	1,506.50	1/4	1,148.14	1/4	792.01	1/4	434.07	1/4	104.72	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,857.43	1/2	1,499.04	1/2	1,140.69	1/2	784.58	1/2	426.71	1/2	98.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,849.96	3/4	1,491.57	3/4	1,133.23	3/4	777.15	3/4	419.35	3/4	92.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,842.49	2	1,484.11	2	1,125.79	2	769.69	2	412.07	2	85.73	2		2		2		2	
1/4	1,835.03	1/4	1,476.64	1/4	1,118.35	1/4	762.23	1/4	404.79	1/4	79.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,827.56	1/2	1,469.17	1/2	1,110.91	1/2	754.78	1/2	397.51	1/2	73.19	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,820.09	3/4	1,461.71	3/4	1,103.47	3/4	747.32	3/4	390.23	3/4	66.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,812.63	3	1,454.24	3	1,096.04	3	739.85	3	383.04	3	60.75	3		3		3		3	
1/4	1,805.16	1/4	1,446.77	1/4	1,088.60	1/4	732.38	1/4	375.84	1/4	54.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,797.69	1/2	1,439.31	1/2	1,081.16	1/2	724.92	1/2	368.65	1/2	48.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,790.23	3/4	1,431.84	3/4	1,073.73	3/4	717.45	3/4	361.45	3/4	42.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,782.76	4	1,424.37	4	1,066.29	4	709.99	4	354.34	4	36.86	4		4		4		4	
1/4	1,775.29	1/4	1,416.91	1/4	1,058.86	1/4	702.52	1/4	347.23	1/4	31.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,767.83	1/2	1,409.44	1/2	1,051.42	1/2	695.05	1/2	340.12	1/2	26.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,760.36	3/4	1,401.97	3/4	1,043.98	3/4	687.59	3/4	333.01	3/4	20.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,752.90	5	1,394.51	5	1,036.56	5	680.12	5	325.98	5	16.96	5		5		5		5	
1/4	1,745.43	1/4	1,387.04	1/4	1,029.13	1/4	672.66	1/4	318.95	1/4	13.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,737.96	1/2	1,379.58	1/2	1,021.71	1/2	665.19	1/2	311.92	1/2	9.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,730.50	3/4	1,372.11	3/4	1,014.28	3/4	657.72	3/4	304.89	3/4	5.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,723.03	6	1,364.64	6	1,006.87	6	650.26	6	297.95	6		6		6		6		6	
1/4	1,715.56	1/4	1,357.18	1/4	999.46	1/4	642.79	1/4	291.00	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,708.10	1/2	1,349.71	1/2	992.05	1/2	635.32	1/2	284.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,700.63	3/4	1,342.24	3/4	984.64	3/4	627.86	3/4	277.11	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,693.16	7	1,334.78	7	977.23	7	620.39	7	270.25	7		7		7		7		7	
1/4	1,685.70	1/4	1,327.31	1/4	969.83	1/4	612.93	1/4	263.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,678.23	1/2	1,319.84	1/2	962.42	1/2	605.46	1/2	256.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,670.77	3/4	1,312.38	3/4	955.01	3/4	597.99	3/4	249.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,663.30	8	1,304.91	8	947.61	8	590.53	8	242.89	8		8		8		8		8	
1/4	1,655.83	1/4	1,297.45	1/4	940.20	1/4	583.06	1/4	236.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,648.37	1/2	1,289.98	1/2	932.79	1/2	575.59	1/2	229.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,640.90	3/4	1,282.51	3/4	925.38	3/4	568.13	3/4	222.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,633.43	9	1,275.05	9	917.98	9	560.66	9	215.86	9		9		9		9		9	
1/4	1,625.97	1/4	1,267.58	1/4	910.57	1/4	553.20	1/4	209.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,618.50	1/2	1,260.11	1/2	903.16	1/2	545.73	1/2	202.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,611.03	3/4	1,252.65	3/4	895.75	3/4	538.26	3/4	195.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,603.57	10	1,245.18	10	888.35	10	530.80	10	189.16	10		10		10		10		10	
1/4	1,596.10	1/4	1,237.71	1/4	880.94	1/4	523.33	1/4	182.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,588.63	1/2	1,230.25	1/2	873.53	1/2	515.86	1/2	175.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,581.17	3/4	1,222.78	3/4	866.13	3/4	508.40	3/4	169.33	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,573.70	11	1,215.31	11	858.72	11	500.93	11	162.80	11		11		11		11		11	
1/4	1,566.24	1/4	1,207.85	1/4	851.31	1/4	493.47	1/4	156.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,558.77	1/2	1,200.38	1/2	843.90	1/2	486.00	1/2	149.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,551.30	3/4	1,192.92	3/4	836.50	3/4	478.53	3/4	143.22	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2012 CL - SW
CALCULATED: 07/02/2012 CL
NAME CHANGE: 07/07/2017

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "KIRBY 29024"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,850.71	0	4,492.39	0	4,133.21	0	3,773.84	0	3,414.47	0	3,055.09	0	2,695.66	0	2,336.18
1/4		1/4		1/4	4,843.24	1/4	4,484.92	1/4	4,125.72	1/4	3,766.35	1/4	3,406.98	1/4	3,047.61	1/4	2,688.17	1/4	2,328.70
1/2		1/2		1/2	4,835.78	1/2	4,477.46	1/2	4,118.23	1/2	3,758.86	1/2	3,399.49	1/2	3,040.12	1/2	2,680.68	1/2	2,321.21
3/4		3/4		3/4	4,828.31	3/4	4,469.99	3/4	4,110.75	3/4	3,751.38	3/4	3,392.00	3/4	3,032.63	3/4	2,673.19	3/4	2,313.72
1		1		1	4,820.85	1	4,462.53	1	4,103.26	1	3,743.89	1	3,384.52	1	3,025.15	1	2,665.70	1	2,306.23
1/4		1/4		1/4	4,813.38	1/4	4,455.06	1/4	4,095.77	1/4	3,736.40	1/4	3,377.03	1/4	3,017.66	1/4	2,658.21	1/4	2,298.74
1/2		1/2		1/2	4,805.92	1/2	4,447.60	1/2	4,088.29	1/2	3,728.92	1/2	3,369.54	1/2	3,010.17	1/2	2,650.72	1/2	2,291.25
3/4		3/4		3/4	4,798.45	3/4	4,440.13	3/4	4,080.80	3/4	3,721.43	3/4	3,362.06	3/4	3,002.69	3/4	2,643.23	3/4	2,283.76
2		2		2	4,790.99	2	4,432.66	2	4,073.31	2	3,713.94	2	3,354.57	2	2,995.20	2	2,635.74	2	2,276.27
1/4		1/4		1/4	4,783.52	1/4	4,425.18	1/4	4,065.83	1/4	3,706.45	1/4	3,347.08	1/4	2,987.71	1/4	2,628.26	1/4	2,268.78
1/2		1/2		1/2	4,776.06	1/2	4,417.70	1/2	4,058.34	1/2	3,698.97	1/2	3,339.60	1/2	2,980.23	1/2	2,620.77	1/2	2,261.29
3/4		3/4		3/4	4,768.59	3/4	4,410.22	3/4	4,050.85	3/4	3,691.48	3/4	3,332.11	3/4	2,972.74	3/4	2,613.28	3/4	2,253.81
3		3	5,108.40	3	4,761.13	3	4,402.74	3	4,043.36	3	3,683.99	3	3,324.62	3	2,965.25	3	2,605.79	3	2,246.32
1/4		1/4	5,103.11	1/4	4,753.66	1/4	4,395.25	1/4	4,035.88	1/4	3,676.51	1/4	3,317.14	1/4	2,957.76	1/4	2,598.30	1/4	2,238.83
1/2		1/2	5,097.83	1/2	4,746.20	1/2	4,387.76	1/2	4,028.39	1/2	3,669.02	1/2	3,309.65	1/2	2,950.28	1/2	2,590.81	1/2	2,231.34
3/4		3/4	5,092.55	3/4	4,738.73	3/4	4,380.28	3/4	4,020.90	3/4	3,661.53	3/4	3,302.16	3/4	2,942.79	3/4	2,583.32	3/4	2,223.85
4		4	5,086.02	4	4,731.27	4	4,372.79	4	4,013.42	4	3,654.05	4	3,294.68	4	2,935.30	4	2,575.83	4	2,216.36
1/4		1/4	5,079.49	1/4	4,723.80	1/4	4,365.30	1/4	4,005.93	1/4	3,646.56	1/4	3,287.19	1/4	2,927.81	1/4	2,568.34	1/4	2,208.87
1/2		1/2	5,072.96	1/2	4,716.34	1/2	4,357.81	1/2	3,998.44	1/2	3,639.07	1/2	3,279.70	1/2	2,920.33	1/2	2,560.85	1/2	2,201.38
3/4		3/4	5,066.43	3/4	4,708.87	3/4	4,350.33	3/4	3,990.96	3/4	3,631.59	3/4	3,272.21	3/4	2,912.84	3/4	2,553.37	3/4	2,193.89
5		5	5,059.14	5	4,701.41	5	4,342.84	5	3,983.47	5	3,624.10	5	3,264.73	5	2,905.35	5	2,545.88	5	2,186.40
1/4		1/4	5,051.86	1/4	4,693.94	1/4	4,335.35	1/4	3,975.98	1/4	3,616.61	1/4	3,257.24	1/4	2,897.86	1/4	2,538.39	1/4	2,178.92
1/2		1/2	5,044.58	1/2	4,686.48	1/2	4,327.87	1/2	3,968.50	1/2	3,609.12	1/2	3,249.75	1/2	2,890.37	1/2	2,530.90	1/2	2,171.43
3/4		3/4	5,037.29	3/4	4,679.01	3/4	4,320.38	3/4	3,961.01	3/4	3,601.64	3/4	3,242.27	3/4	2,882.88	3/4	2,523.41	3/4	2,163.94
6		6	5,029.84	6	4,671.55	6	4,312.89	6	3,953.52	6	3,594.15	6	3,234.78	6	2,875.39	6	2,515.92	6	2,156.45
1/4		1/4	5,022.39	1/4	4,664.08	1/4	4,305.41	1/4	3,946.04	1/4	3,586.66	1/4	3,227.29	1/4	2,867.90	1/4	2,508.43	1/4	2,148.96
1/2		1/2	5,014.94	1/2	4,656.62	1/2	4,297.92	1/2	3,938.55	1/2	3,579.18	1/2	3,219.81	1/2	2,860.41	1/2	2,500.94	1/2	2,141.47
3/4		3/4	5,007.49	3/4	4,649.15	3/4	4,290.43	3/4	3,931.06	3/4	3,571.69	3/4	3,212.32	3/4	2,852.93	3/4	2,493.45	3/4	2,133.98
7		7	5,000.03	7	4,641.69	7	4,282.95	7	3,923.57	7	3,564.20	7	3,204.83	7	2,845.44	7	2,485.96	7	2,126.49
1/4		1/4	4,992.56	1/4	4,634.22	1/4	4,275.46	1/4	3,916.09	1/4	3,556.72	1/4	3,197.35	1/4	2,837.95	1/4	2,478.48	1/4	2,119.00
1/2		1/2	4,985.10	1/2	4,626.76	1/2	4,267.97	1/2	3,908.60	1/2	3,549.23	1/2	3,189.86	1/2	2,830.46	1/2	2,470.99	1/2	2,111.51
3/4		3/4	4,977.64	3/4	4,619.29	3/4	4,260.49	3/4	3,901.11	3/4	3,541.74	3/4	3,182.37	3/4	2,822.97	3/4	2,463.50	3/4	2,104.03
8		8	4,970.17	8	4,611.83	8	4,253.00	8	3,893.63	8	3,534.26	8	3,174.88	8	2,815.48	8	2,456.01	8	2,096.54
1/4		1/4	4,962.70	1/4	4,604.36	1/4	4,245.51	1/4	3,886.14	1/4	3,526.77	1/4	3,167.40	1/4	2,807.99	1/4	2,448.52	1/4	2,089.05
1/2		1/2	4,955.24	1/2	4,596.90	1/2	4,238.02	1/2	3,878.65	1/2	3,519.28	1/2	3,159.91	1/2	2,800.50	1/2	2,441.03	1/2	2,081.56
3/4		3/4	4,947.77	3/4	4,589.43	3/4	4,230.54	3/4	3,871.17	3/4	3,511.80	3/4	3,152.42	3/4	2,793.01	3/4	2,433.54	3/4	2,074.07
9		9	4,940.30	9	4,581.97	9	4,223.05	9	3,863.68	9	3,504.31	9	3,144.94	9	2,785.52	9	2,426.05	9	2,066.58
1/4		1/4	4,932.83	1/4	4,574.50	1/4	4,215.56	1/4	3,856.19	1/4	3,496.82	1/4	3,137.45	1/4	2,778.04	1/4	2,418.56	1/4	2,059.09
1/2		1/2	4,925.37	1/2	4,567.04	1/2	4,208.08	1/2	3,848.71	1/2	3,489.33	1/2	3,129.96	1/2	2,770.55	1/2	2,411.07	1/2	2,051.60
3/4		3/4	4,917.90	3/4	4,559.57	3/4	4,200.59	3/4	3,841.22	3/4	3,481.85	3/4	3,122.48	3/4	2,763.06	3/4	2,403.59	3/4	2,044.11
10		10	4,910.43	10	4,552.11	10	4,193.10	10	3,833.73	10	3,474.36	10	3,114.99	10	2,755.57	10	2,396.10	10	2,036.62
1/4		1/4	4,902.97	1/4	4,544.64	1/4	4,185.62	1/4	3,826.24	1/4	3,466.87	1/4	3,107.50	1/4	2,748.08	1/4	2,388.61	1/4	2,029.14
1/2		1/2	4,895.50	1/2	4,537.18	1/2	4,178.13	1/2	3,818.76	1/2	3,459.39	1/2	3,100.02	1/2	2,740.59	1/2	2,381.12	1/2	2,021.65
3/4		3/4	4,888.03	3/4	4,529.71	3/4	4,170.64	3/4	3,811.27	3/4	3,451.90	3/4	3,092.53	3/4	2,733.10	3/4	2,373.63	3/4	2,014.16
11		11	4,880.57	11	4,522.25	11	4,163.16	11	3,803.78	11	3,444.41	11	3,085.04	11	2,725.61	11	2,366.14	11	2,006.67
1/4		1/4	4,873.10	1/4	4,514.78	1/4	4,155.67	1/4	3,796.30	1/4	3,436.93	1/4	3,077.55	1/4	2,718.12	1/4	2,358.65	1/4	1,999.18
1/2		1/2	4,865.64	1/2	4,507.32	1/2	4,148.18	1/2	3,788.81	1/2	3,429.44	1/2	3,070.07	1/2	2,710.63	1/2	2,351.16	1/2	1,991.69
3/4		3/4	4,858.17	3/4	4,499.85	3/4	4,140.69	3/4	3,781.32	3/4	3,421.95	3/4	3,062.58	3/4	2,703.15	3/4	2,343.67	3/4	1,984.20

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29024"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,976.71	0	1,617.24	0	1,257.77	0	898.77	0	539.41	0	179.94	0		0		0		0	
1/4	1,969.22	1/4	1,609.75	1/4	1,250.28	1/4	891.30	1/4	531.92	1/4	172.45	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,961.73	1/2	1,602.26	1/2	1,242.79	1/2	883.83	1/2	524.43	1/2	164.97	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,954.25	3/4	1,594.77	3/4	1,235.30	3/4	876.35	3/4	516.94	3/4	157.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,946.76	1	1,587.28	1	1,227.81	1	868.87	1	509.45	1	149.99	1		1		1		1	
1/4	1,939.27	1/4	1,579.80	1/4	1,220.32	1/4	861.40	1/4	501.96	1/4	142.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,931.78	1/2	1,572.31	1/2	1,212.83	1/2	853.92	1/2	494.47	1/2	135.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,924.29	3/4	1,564.82	3/4	1,205.35	3/4	846.44	3/4	486.98	3/4	127.53	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,916.80	2	1,557.33	2	1,197.86	2	838.95	2	479.50	2	120.05	2		2		2		2	
1/4	1,909.31	1/4	1,549.84	1/4	1,190.37	1/4	831.46	1/4	472.01	1/4	112.57	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,901.82	1/2	1,542.35	1/2	1,182.88	1/2	823.98	1/2	464.52	1/2	105.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,894.33	3/4	1,534.86	3/4	1,175.39	3/4	816.49	3/4	457.03	3/4	97.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,886.84	3	1,527.37	3	1,167.90	3	809.00	3	449.54	3	90.15	3		3		3		3	
1/4	1,879.36	1/4	1,519.88	1/4	1,160.42	1/4	801.51	1/4	442.05	1/4	82.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,871.87	1/2	1,512.39	1/2	1,152.93	1/2	794.03	1/2	434.56	1/2	75.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,864.38	3/4	1,504.91	3/4	1,145.45	3/4	786.54	3/4	427.07	3/4	67.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,856.89	4	1,497.42	4	1,137.97	4	779.05	4	419.59	4	60.99	4		4		4		4	
1/4	1,849.40	1/4	1,489.93	1/4	1,130.49	1/4	771.56	1/4	412.10	1/4	54.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,841.91	1/2	1,482.44	1/2	1,123.00	1/2	764.07	1/2	404.61	1/2	47.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,834.42	3/4	1,474.95	3/4	1,115.52	3/4	756.58	3/4	397.12	3/4	40.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,826.93	5	1,467.46	5	1,108.05	5	749.09	5	389.63	5	35.52	5		5		5		5	
1/4	1,819.44	1/4	1,459.97	1/4	1,100.57	1/4	741.60	1/4	382.14	1/4	30.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,811.95	1/2	1,452.48	1/2	1,093.09	1/2	734.11	1/2	374.65	1/2	25.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,804.47	3/4	1,444.99	3/4	1,085.61	3/4	726.63	3/4	367.16	3/4	20.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,796.98	6	1,437.50	6	1,078.14	6	719.14	6	359.67	6		6		6		6		6	
1/4	1,789.49	1/4	1,430.02	1/4	1,070.67	1/4	711.65	1/4	352.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,782.00	1/2	1,422.53	1/2	1,063.19	1/2	704.16	1/2	344.70	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,774.51	3/4	1,415.04	3/4	1,055.72	3/4	696.67	3/4	337.21	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,767.02	7	1,407.55	7	1,048.24	7	689.18	7	329.72	7		7		7		7		7	
1/4	1,759.53	1/4	1,400.06	1/4	1,040.77	1/4	681.69	1/4	322.23	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,752.04	1/2	1,392.57	1/2	1,033.30	1/2	674.20	1/2	314.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,744.55	3/4	1,385.08	3/4	1,025.82	3/4	666.72	3/4	307.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,737.06	8	1,377.59	8	1,018.35	8	659.23	8	299.76	8		8		8		8		8	
1/4	1,729.58	1/4	1,370.10	1/4	1,010.88	1/4	651.74	1/4	292.28	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,722.09	1/2	1,362.61	1/2	1,003.40	1/2	644.25	1/2	284.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,714.60	3/4	1,355.13	3/4	995.93	3/4	636.76	3/4	277.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,707.11	9	1,347.64	9	988.46	9	629.27	9	269.81	9		9		9		9		9	
1/4	1,699.62	1/4	1,340.15	1/4	980.98	1/4	621.78	1/4	262.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,692.13	1/2	1,332.66	1/2	973.51	1/2	614.29	1/2	254.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,684.64	3/4	1,325.17	3/4	966.04	3/4	606.81	3/4	247.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,677.15	10	1,317.68	10	958.56	10	599.32	10	239.85	10		10		10		10		10	
1/4	1,669.66	1/4	1,310.19	1/4	951.09	1/4	591.83	1/4	232.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,662.17	1/2	1,302.70	1/2	943.62	1/2	584.34	1/2	224.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,654.69	3/4	1,295.21	3/4	936.14	3/4	576.85	3/4	217.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,647.20	11	1,287.72	11	928.67	11	569.36	11	209.90	11		11		11		11		11	
1/4	1,639.71	1/4	1,280.24	1/4	921.19	1/4	561.87	1/4	202.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,632.22	1/2	1,272.75	1/2	913.72	1/2	554.38	1/2	194.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,624.73	3/4	1,265.26	3/4	906.25	3/4	546.89	3/4	187.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2012 CL - SW
CALCULATED: 07/02/2012 CL
NAME CHANGE: 07/07/2017

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "KIRBY 29024"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-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	4,853.51	0	4,494.03	0	4,134.56	0	3,775.09	0	3,415.62	0	3,056.15	0	2,696.67	0	2,337.20
1/4		1/4		1/4	4,846.02	1/4	4,486.54	1/4	4,127.07	1/4	3,767.60	1/4	3,408.13	1/4	3,048.66	1/4	2,689.18	1/4	2,329.71
1/2		1/2		1/2	4,838.53	1/2	4,479.06	1/2	4,119.58	1/2	3,760.11	1/2	3,400.64	1/2	3,041.17	1/2	2,681.70	1/2	2,322.22
3/4		3/4		3/4	4,831.04	3/4	4,471.57	3/4	4,112.09	3/4	3,752.62	3/4	3,393.15	3/4	3,033.68	3/4	2,674.21	3/4	2,314.73
1		1		1	4,823.55	1	4,464.08	1	4,104.61	1	3,745.13	1	3,385.66	1	3,026.19	1	2,666.72	1	2,307.25
1/4		1/4		1/4	4,816.06	1/4	4,456.59	1/4	4,097.12	1/4	3,737.64	1/4	3,378.17	1/4	3,018.70	1/4	2,659.23	1/4	2,299.76
1/2		1/2		1/2	4,808.57	1/2	4,449.10	1/2	4,089.63	1/2	3,730.16	1/2	3,370.68	1/2	3,011.21	1/2	2,651.74	1/2	2,292.27
3/4		3/4		3/4	4,801.08	3/4	4,441.61	3/4	4,082.14	3/4	3,722.67	3/4	3,363.19	3/4	3,003.72	3/4	2,644.25	3/4	2,284.78
2		2		2	4,793.59	2	4,434.12	2	4,074.65	2	3,715.18	2	3,355.71	2	2,996.23	2	2,636.76	2	2,277.29
1/4		1/4		1/4	4,786.10	1/4	4,426.63	1/4	4,067.16	1/4	3,707.69	1/4	3,348.22	1/4	2,988.74	1/4	2,629.27	1/4	2,269.80
1/2		1/2		1/2	4,778.62	1/2	4,419.14	1/2	4,059.67	1/2	3,700.20	1/2	3,340.73	1/2	2,981.26	1/2	2,621.78	1/2	2,262.31
3/4		3/4		3/4	4,771.13	3/4	4,411.65	3/4	4,052.18	3/4	3,692.71	3/4	3,333.24	3/4	2,973.77	3/4	2,614.29	3/4	2,254.82
3		3		3	4,763.64	3	4,404.17	3	4,044.69	3	3,685.22	3	3,325.75	3	2,966.28	3	2,606.81	3	2,247.33
1/4		1/4		1/4	4,756.15	1/4	4,396.68	1/4	4,037.20	1/4	3,677.73	1/4	3,318.26	1/4	2,958.79	1/4	2,599.32	1/4	2,239.84
1/2		1/2	5,097.02	1/2	4,748.66	1/2	4,389.19	1/2	4,029.72	1/2	3,670.24	1/2	3,310.77	1/2	2,951.30	1/2	2,591.83	1/2	2,232.36
3/4		3/4	5,091.72	3/4	4,741.17	3/4	4,381.70	3/4	4,022.23	3/4	3,662.75	3/4	3,303.28	3/4	2,943.81	3/4	2,584.34	3/4	2,224.87
4		4	5,086.41	4	4,733.68	4	4,374.21	4	4,014.74	4	3,655.27	4	3,295.79	4	2,936.32	4	2,576.85	4	2,217.38
1/4		1/4	5,081.11	1/4	4,726.19	1/4	4,366.72	1/4	4,007.25	1/4	3,647.78	1/4	3,288.30	1/4	2,928.83	1/4	2,569.36	1/4	2,209.89
1/2		1/2	5,074.56	1/2	4,718.70	1/2	4,359.23	1/2	3,999.76	1/2	3,640.29	1/2	3,280.82	1/2	2,921.34	1/2	2,561.87	1/2	2,202.40
3/4		3/4	5,068.00	3/4	4,711.21	3/4	4,351.74	3/4	3,992.27	3/4	3,632.80	3/4	3,273.33	3/4	2,913.85	3/4	2,554.38	3/4	2,194.91
5		5	5,061.45	5	4,703.73	5	4,344.25	5	3,984.78	5	3,625.31	5	3,265.84	5	2,906.37	5	2,546.89	5	2,187.42
1/4		1/4	5,054.90	1/4	4,696.24	1/4	4,336.76	1/4	3,977.29	1/4	3,617.82	1/4	3,258.35	1/4	2,898.88	1/4	2,539.40	1/4	2,179.93
1/2		1/2	5,047.60	1/2	4,688.75	1/2	4,329.28	1/2	3,969.80	1/2	3,610.33	1/2	3,250.86	1/2	2,891.39	1/2	2,531.92	1/2	2,172.44
3/4		3/4	5,040.29	3/4	4,681.26	3/4	4,321.79	3/4	3,962.31	3/4	3,602.84	3/4	3,243.37	3/4	2,883.90	3/4	2,524.43	3/4	2,164.95
6		6	5,032.98	6	4,673.77	6	4,314.30	6	3,954.83	6	3,595.35	6	3,235.88	6	2,876.41	6	2,516.94	6	2,157.47
1/4		1/4	5,025.68	1/4	4,666.28	1/4	4,306.81	1/4	3,947.34	1/4	3,587.86	1/4	3,228.39	1/4	2,868.92	1/4	2,509.45	1/4	2,149.98
1/2		1/2	5,018.21	1/2	4,658.79	1/2	4,299.32	1/2	3,939.85	1/2	3,580.38	1/2	3,220.90	1/2	2,861.43	1/2	2,501.96	1/2	2,142.49
3/4		3/4	5,010.73	3/4	4,651.30	3/4	4,291.83	3/4	3,932.36	3/4	3,572.89	3/4	3,213.41	3/4	2,853.94	3/4	2,494.47	3/4	2,135.00
7		7	5,003.26	7	4,643.81	7	4,284.34	7	3,924.87	7	3,565.40	7	3,205.93	7	2,846.45	7	2,486.98	7	2,127.51
1/4		1/4	4,995.79	1/4	4,636.32	1/4	4,276.85	1/4	3,917.38	1/4	3,557.91	1/4	3,198.44	1/4	2,838.96	1/4	2,479.49	1/4	2,120.02
1/2		1/2	4,988.30	1/2	4,628.84	1/2	4,269.36	1/2	3,909.89	1/2	3,550.42	1/2	3,190.95	1/2	2,831.48	1/2	2,472.00	1/2	2,112.53
3/4		3/4	4,980.81	3/4	4,621.35	3/4	4,261.87	3/4	3,902.40	3/4	3,542.93	3/4	3,183.46	3/4	2,823.99	3/4	2,464.51	3/4	2,105.04
8		8	4,973.33	8	4,613.86	8	4,254.39	8	3,894.91	8	3,535.44	8	3,175.97	8	2,816.50	8	2,457.03	8	2,097.55
1/4		1/4	4,965.84	1/4	4,606.37	1/4	4,246.90	1/4	3,887.42	1/4	3,527.95	1/4	3,168.48	1/4	2,809.01	1/4	2,449.54	1/4	2,090.06
1/2		1/2	4,958.35	1/2	4,598.88	1/2	4,239.41	1/2	3,879.94	1/2	3,520.46	1/2	3,160.99	1/2	2,801.52	1/2	2,442.05	1/2	2,082.58
3/4		3/4	4,950.86	3/4	4,591.39	3/4	4,231.92	3/4	3,872.45	3/4	3,512.97	3/4	3,153.50	3/4	2,794.03	3/4	2,434.56	3/4	2,075.09
9		9	4,943.37	9	4,583.90	9	4,224.43	9	3,864.96	9	3,505.49	9	3,146.01	9	2,786.54	9	2,427.07	9	2,067.60
1/4		1/4	4,935.88	1/4	4,576.41	1/4	4,216.94	1/4	3,857.47	1/4	3,498.00	1/4	3,138.52	1/4	2,779.05	1/4	2,419.58	1/4	2,060.11
1/2		1/2	4,928.40	1/2	4,568.92	1/2	4,209.45	1/2	3,849.98	1/2	3,490.51	1/2	3,131.04	1/2	2,771.56	1/2	2,412.09	1/2	2,052.62
3/4		3/4	4,920.91	3/4	4,561.43	3/4	4,201.96	3/4	3,842.49	3/4	3,483.02	3/4	3,123.55	3/4	2,764.07	3/4	2,404.60	3/4	2,045.13
10		10	4,913.42	10	4,553.95	10	4,194.47	10	3,835.00	10	3,475.53	10	3,116.06	10	2,756.59	10	2,397.11	10	2,037.64
1/4		1/4	4,905.93	1/4	4,546.46	1/4	4,186.98	1/4	3,827.51	1/4	3,468.04	1/4	3,108.57	1/4	2,749.10	1/4	2,389.62	1/4	2,030.15
1/2		1/2	4,898.44	1/2	4,538.97	1/2	4,179.50	1/2	3,820.02	1/2	3,460.55	1/2	3,101.08	1/2	2,741.61	1/2	2,382.14	1/2	2,022.66
3/4		3/4	4,890.95	3/4	4,531.48	3/4	4,172.01	3/4	3,812.53	3/4	3,453.06	3/4	3,093.59	3/4	2,734.12	3/4	2,374.65	3/4	2,015.17
11		11	4,883.46	11	4,523.99	11	4,164.52	11	3,805.05	11	3,445.57	11	3,086.10	11	2,726.63	11	2,367.16	11	2,007.69
1/4		1/4	4,875.97	1/4	4,516.50	1/4	4,157.03	1/4	3,797.56	1/4	3,438.08	1/4	3,078.61	1/4	2,719.14	1/4	2,359.67	1/4	2,000.20
1/2		1/2	4,868.48	1/2	4,509.01	1/2	4,149.54	1/2	3,790.07	1/2	3,430.60	1/2	3,071.12	1/2	2,711.65	1/2	2,352.18	1/2	1,992.71
3/4		3/4	4,860.99	3/4	4,501.52	3/4	4,142.05	3/4	3,782.58	3/4	3,423.11	3/4	3,063.63	3/4	2,704.16	3/4	2,344.69	3/4	1,985.22

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 29024"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-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	1,977.73	0	1,618.26	0	1,258.79	0	911.35	0	554.38	0	194.92	0		0		0		0	
1/4	1,970.24	1/4	1,610.77	1/4	1,251.30	1/4	904.17	1/4	546.90	1/4	187.43	1/4		1/4		1/4		1/4	
1/2	1,962.75	1/2	1,603.28	1/2	1,243.81	1/2	896.99	1/2	539.41	1/2	179.94	1/2		1/2		1/2		1/2	
3/4	1,955.26	3/4	1,595.79	3/4	1,236.32	3/4	889.82	3/4	531.92	3/4	172.46	3/4		3/4		3/4		3/4	
1	1,947.77	1	1,588.30	1	1,228.83	1	882.64	1	524.43	1	164.97	1		1		1		1	
1/4	1,940.28	1/4	1,580.81	1/4	1,221.34	1/4	875.46	1/4	516.94	1/4	157.48	1/4		1/4		1/4		1/4	
1/2	1,932.80	1/2	1,573.32	1/2	1,213.96	1/2	868.17	1/2	509.45	1/2	149.99	1/2		1/2		1/2		1/2	
3/4	1,925.31	3/4	1,565.83	3/4	1,206.58	3/4	860.88	3/4	501.96	3/4	142.50	3/4		3/4		3/4		3/4	
2	1,917.82	2	1,558.35	2	1,199.19	2	853.58	2	494.47	2	135.01	2		2		2		2	
1/4	1,910.33	1/4	1,550.86	1/4	1,191.81	1/4	846.29	1/4	486.98	1/4	127.53	1/4		1/4		1/4		1/4	
1/2	1,902.84	1/2	1,543.37	1/2	1,184.57	1/2	838.84	1/2	479.50	1/2	120.05	1/2		1/2		1/2		1/2	
3/4	1,895.35	3/4	1,535.88	3/4	1,177.33	3/4	831.39	3/4	472.01	3/4	112.57	3/4		3/4		3/4		3/4	
3	1,887.86	3	1,528.39	3	1,170.09	3	823.94	3	464.52	3	105.09	3		3		3		3	
1/4	1,880.37	1/4	1,520.90	1/4	1,162.85	1/4	816.49	1/4	457.03	1/4	97.60	1/4		1/4		1/4		1/4	
1/2	1,872.88	1/2	1,513.41	1/2	1,155.64	1/2	809.00	1/2	449.54	1/2	90.15	1/2		1/2		1/2		1/2	
3/4	1,865.39	3/4	1,505.92	3/4	1,148.44	3/4	801.51	3/4	442.05	3/4	82.69	3/4		3/4		3/4		3/4	
4	1,857.91	4	1,498.43	4	1,141.23	4	794.03	4	434.56	4	75.23	4		4		4		4	
1/4	1,850.42	1/4	1,490.94	1/4	1,134.03	1/4	786.54	1/4	427.07	1/4	67.77	1/4		1/4		1/4		1/4	
1/2	1,842.93	1/2	1,483.46	1/2	1,126.82	1/2	779.05	1/2	419.59	1/2	60.99	1/2		1/2		1/2		1/2	
3/4	1,835.44	3/4	1,475.97	3/4	1,119.62	3/4	771.56	3/4	412.10	3/4	54.22	3/4		3/4		3/4		3/4	
5	1,827.95	5	1,468.48	5	1,112.41	5	764.07	5	404.61	5	47.44	5		5		5		5	
1/4	1,820.46	1/4	1,460.99	1/4	1,105.20	1/4	756.58	1/4	397.12	1/4	40.66	1/4		1/4		1/4		1/4	
1/2	1,812.97	1/2	1,453.50	1/2	1,098.01	1/2	749.09	1/2	389.63	1/2	35.52	1/2		1/2		1/2		1/2	
3/4	1,805.48	3/4	1,446.01	3/4	1,090.82	3/4	741.60	3/4	382.14	3/4	30.37	3/4		3/4		3/4		3/4	
6	1,797.99	6	1,438.52	6	1,083.62	6	734.12	6	374.65	6	25.22	6		6		6		6	
1/4	1,790.50	1/4	1,431.03	1/4	1,076.43	1/4	726.63	1/4	367.16	1/4	20.07	1/4		1/4		1/4		1/4	
1/2	1,783.02	1/2	1,423.54	1/2	1,069.25	1/2	719.14	1/2	359.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,775.53	3/4	1,416.05	3/4	1,062.07	3/4	711.65	3/4	352.19	3/4		3/4		3/4		3/4		3/4	
7	1,768.04	7	1,408.57	7	1,054.88	7	704.16	7	344.70	7		7		7		7		7	
1/4	1,760.55	1/4	1,401.08	1/4	1,047.70	1/4	696.67	1/4	337.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,753.06	1/2	1,393.59	1/2	1,040.53	1/2	689.18	1/2	329.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,745.57	3/4	1,386.10	3/4	1,033.35	3/4	681.69	3/4	322.23	3/4		3/4		3/4		3/4		3/4	
8	1,738.08	8	1,378.61	8	1,026.17	8	674.20	8	314.74	8		8		8		8		8	
1/4	1,730.59	1/4	1,371.12	1/4	1,019.00	1/4	666.72	1/4	307.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,723.10	1/2	1,363.63	1/2	1,011.82	1/2	659.23	1/2	299.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,715.61	3/4	1,356.14	3/4	1,004.64	3/4	651.74	3/4	292.28	3/4		3/4		3/4		3/4		3/4	
9	1,708.13	9	1,348.65	9	997.47	9	644.25	9	284.79	9		9		9		9		9	
1/4	1,700.64	1/4	1,341.16	1/4	990.29	1/4	636.76	1/4	277.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,693.15	1/2	1,333.68	1/2	983.11	1/2	629.27	1/2	269.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,685.66	3/4	1,326.19	3/4	975.94	3/4	621.78	3/4	262.32	3/4		3/4		3/4		3/4		3/4	
10	1,678.17	10	1,318.70	10	968.76	10	614.29	10	254.83	10		10		10		10		10	
1/4	1,670.68	1/4	1,311.21	1/4	961.58	1/4	606.81	1/4	247.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,663.19	1/2	1,303.72	1/2	954.41	1/2	599.32	1/2	239.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,655.70	3/4	1,296.23	3/4	947.23	3/4	591.83	3/4	232.37	3/4		3/4		3/4		3/4		3/4	
11	1,648.21	11	1,288.74	11	940.05	11	584.34	11	224.88	11		11		11		11		11	
1/4	1,640.72	1/4	1,281.25	1/4	932.88	1/4	576.85	1/4	217.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,633.24	1/2	1,273.76	1/2	925.70	1/2	569.36	1/2	209.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,625.75	3/4	1,266.27	3/4	918.52	3/4	561.87	3/4	202.41	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2012 CL - SW
CALCULATED: 07/02/2012 CL
NAME CHANGE: 07/07/2017

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "KIRBY 29024"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,450.51	0	4,203.92	0	3,956.75	0	3,709.46	0	3,398.04	0	3,040.89	0	2,683.66	0	2,326.29
1/4		1/4		1/4	4,445.37	1/4	4,198.78	1/4	3,951.59	1/4	3,704.31	1/4	3,390.60	1/4	3,033.45	1/4	2,676.21	1/4	2,318.83
1/2		1/2		1/2	4,440.23	1/2	4,193.64	1/2	3,946.44	1/2	3,699.16	1/2	3,383.16	1/2	3,026.01	1/2	2,668.77	1/2	2,311.38
3/4		3/4		3/4	4,435.10	3/4	4,188.51	3/4	3,941.29	3/4	3,694.00	3/4	3,375.72	3/4	3,018.57	3/4	2,661.33	3/4	2,303.92
1		1		1	4,429.96	1	4,183.37	1	3,936.14	1	3,688.85	1	3,368.28	1	3,011.12	1	2,653.89	1	2,296.46
1/4		1/4		1/4	4,424.82	1/4	4,178.23	1/4	3,930.99	1/4	3,683.70	1/4	3,360.84	1/4	3,003.68	1/4	2,646.44	1/4	2,289.00
1/2		1/2		1/2	4,419.68	1/2	4,173.09	1/2	3,925.84	1/2	3,678.55	1/2	3,353.40	1/2	2,996.24	1/2	2,639.00	1/2	2,281.55
3/4		3/4		3/4	4,414.55	3/4	4,167.96	3/4	3,920.68	3/4	3,673.40	3/4	3,345.96	3/4	2,988.80	3/4	2,631.56	3/4	2,274.09
2		2		2	4,409.41	2	4,162.81	2	3,915.53	2	3,668.25	2	3,338.52	2	2,981.36	2	2,624.12	2	2,266.63
1/4		1/4		1/4	4,404.27	1/4	4,157.66	1/4	3,910.38	1/4	3,663.09	1/4	3,331.08	1/4	2,973.92	1/4	2,616.67	1/4	2,259.17
1/2		1/2		1/2	4,399.14	1/2	4,152.51	1/2	3,905.23	1/2	3,657.94	1/2	3,323.64	1/2	2,966.48	1/2	2,609.23	1/2	2,251.72
3/4		3/4		3/4	4,394.00	3/4	4,147.36	3/4	3,900.08	3/4	3,652.79	3/4	3,316.20	3/4	2,959.04	3/4	2,601.79	3/4	2,244.26
3		3	4,624.31	3	4,388.86	3	4,142.21	3	3,894.92	3	3,647.64	3	3,308.76	3	2,951.59	3	2,594.34	3	2,236.80
1/4		1/4	4,621.36	1/4	4,383.72	1/4	4,137.06	1/4	3,889.77	1/4	3,642.49	1/4	3,301.32	1/4	2,944.15	1/4	2,586.90	1/4	2,229.35
1/2		1/2	4,618.41	1/2	4,378.59	1/2	4,131.91	1/2	3,884.62	1/2	3,637.33	1/2	3,293.88	1/2	2,936.71	1/2	2,579.46	1/2	2,221.89
3/4		3/4	4,615.46	3/4	4,373.45	3/4	4,126.76	3/4	3,879.47	3/4	3,632.18	3/4	3,286.44	3/4	2,929.27	3/4	2,572.02	3/4	2,214.43
4		4	4,611.27	4	4,368.31	4	4,121.60	4	3,874.32	4	3,627.03	4	3,278.99	4	2,921.83	4	2,564.57	4	2,206.97
1/4		1/4	4,607.08	1/4	4,363.17	1/4	4,116.45	1/4	3,869.17	1/4	3,621.88	1/4	3,271.55	1/4	2,914.38	1/4	2,557.13	1/4	2,199.52
1/2		1/2	4,602.88	1/2	4,358.04	1/2	4,111.30	1/2	3,864.01	1/2	3,616.73	1/2	3,264.11	1/2	2,906.94	1/2	2,549.69	1/2	2,192.06
3/4		3/4	4,598.69	3/4	4,352.90	3/4	4,106.15	3/4	3,858.86	3/4	3,611.58	3/4	3,256.67	3/4	2,899.50	3/4	2,542.24	3/4	2,184.60
5		5	4,593.74	5	4,347.76	5	4,101.00	5	3,853.71	5	3,604.70	5	3,249.23	5	2,892.06	5	2,534.80	5	2,177.14
1/4		1/4	4,588.79	1/4	4,342.63	1/4	4,095.85	1/4	3,848.56	1/4	3,597.82	1/4	3,241.79	1/4	2,884.61	1/4	2,527.36	1/4	2,169.69
1/2		1/2	4,583.83	1/2	4,337.49	1/2	4,090.69	1/2	3,843.41	1/2	3,590.94	1/2	3,234.35	1/2	2,877.17	1/2	2,519.92	1/2	2,162.23
3/4		3/4	4,578.88	3/4	4,332.35	3/4	4,085.54	3/4	3,838.26	3/4	3,584.06	3/4	3,226.91	3/4	2,869.73	3/4	2,512.47	3/4	2,154.77
6		6	4,573.76	6	4,327.21	6	4,080.39	6	3,833.10	6	3,576.62	6	3,219.47	6	2,862.28	6	2,505.03	6	2,147.32
1/4		1/4	4,568.64	1/4	4,322.08	1/4	4,075.24	1/4	3,827.95	1/4	3,569.17	1/4	3,212.03	1/4	2,854.84	1/4	2,497.59	1/4	2,139.86
1/2		1/2	4,563.51	1/2	4,316.94	1/2	4,070.09	1/2	3,822.80	1/2	3,561.73	1/2	3,204.59	1/2	2,847.40	1/2	2,490.14	1/2	2,132.40
3/4		3/4	4,558.39	3/4	4,311.80	3/4	4,064.93	3/4	3,817.65	3/4	3,554.29	3/4	3,197.15	3/4	2,839.96	3/4	2,482.70	3/4	2,124.94
7		7	4,553.26	7	4,306.66	7	4,059.78	7	3,812.50	7	3,546.85	7	3,189.71	7	2,832.51	7	2,475.26	7	2,117.49
1/4		1/4	4,548.12	1/4	4,301.53	1/4	4,054.63	1/4	3,807.34	1/4	3,539.41	1/4	3,182.27	1/4	2,825.07	1/4	2,467.82	1/4	2,110.03
1/2		1/2	4,542.99	1/2	4,296.39	1/2	4,049.48	1/2	3,802.19	1/2	3,531.96	1/2	3,174.83	1/2	2,817.63	1/2	2,460.37	1/2	2,102.57
3/4		3/4	4,537.86	3/4	4,291.25	3/4	4,044.33	3/4	3,797.04	3/4	3,524.52	3/4	3,167.39	3/4	2,810.19	3/4	2,452.93	3/4	2,095.11
8		8	4,532.72	8	4,286.11	8	4,039.18	8	3,791.89	8	3,517.08	8	3,159.95	8	2,802.74	8	2,445.49	8	2,087.66
1/4		1/4	4,527.58	1/4	4,280.98	1/4	4,034.02	1/4	3,786.74	1/4	3,509.64	1/4	3,152.51	1/4	2,795.30	1/4	2,438.05	1/4	2,080.20
1/2		1/2	4,522.44	1/2	4,275.84	1/2	4,028.87	1/2	3,781.59	1/2	3,502.20	1/2	3,145.07	1/2	2,787.86	1/2	2,430.60	1/2	2,072.74
3/4		3/4	4,517.30	3/4	4,270.70	3/4	4,023.72	3/4	3,776.43	3/4	3,494.76	3/4	3,137.63	3/4	2,780.41	3/4	2,423.16	3/4	2,065.29
9		9	4,512.16	9	4,265.57	9	4,018.57	9	3,771.28	9	3,487.32	9	3,130.18	9	2,772.97	9	2,415.72	9	2,057.83
1/4		1/4	4,507.03	1/4	4,260.43	1/4	4,013.42	1/4	3,766.13	1/4	3,479.88	1/4	3,122.74	1/4	2,765.53	1/4	2,408.27	1/4	2,050.37
1/2		1/2	4,501.89	1/2	4,255.29	1/2	4,008.26	1/2	3,760.98	1/2	3,472.44	1/2	3,115.30	1/2	2,758.09	1/2	2,400.83	1/2	2,042.91
3/4		3/4	4,496.75	3/4	4,250.15	3/4	4,003.11	3/4	3,755.83	3/4	3,465.00	3/4	3,107.86	3/4	2,750.64	3/4	2,393.39	3/4	2,035.46
10		10	4,491.61	10	4,245.02	10	3,997.96	10	3,750.67	10	3,457.56	10	3,100.42	10	2,743.20	10	2,385.94	10	2,028.00
1/4		1/4	4,486.47	1/4	4,239.88	1/4	3,992.81	1/4	3,745.52	1/4	3,450.12	1/4	3,092.98	1/4	2,735.76	1/4	2,378.48	1/4	2,020.54
1/2		1/2	4,481.33	1/2	4,234.74	1/2	3,987.66	1/2	3,740.37	1/2	3,442.68	1/2	3,085.54	1/2	2,728.31	1/2	2,371.03	1/2	2,013.08
3/4		3/4	4,476.20	3/4	4,229.60	3/4	3,982.51	3/4	3,735.22	3/4	3,435.24	3/4	3,078.10	3/4	2,720.87	3/4	2,363.58	3/4	2,005.63
11		11	4,471.06	11	4,224.47	11	3,977.35	11	3,730.07	11	3,427.80	11	3,070.65	11	2,713.43	11	2,356.12	11	1,998.17
1/4		1/4	4,465.92	1/4	4,219.33	1/4	3,972.20	1/4	3,724.92	1/4	3,420.36	1/4	3,063.21	1/4	2,705.99	1/4	2,348.66	1/4	1,990.71
1/2		1/2	4,460.78	1/2	4,214.19	1/2	3,967.05	1/2	3,719.76	1/2	3,412.92	1/2	3,055.77	1/2	2,698.54	1/2	2,341.21	1/2	1,983.25
3/4		3/4	4,455.65	3/4	4,209.06	3/4	3,961.90	3/4	3,714.61	3/4	3,405.48	3/4	3,048.33	3/4	2,691.10	3/4	2,333.75	3/4	1,975.80

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED 12'-06" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29024"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,968.34	0	1,610.39	0	1,252.44	0	894.97	0	537.12	0	179.18	0		0		0		0	
1/4	1,960.88	1/4	1,602.93	1/4	1,244.98	1/4	887.53	1/4	529.67	1/4	171.73	1/4		1/4		1/4		1/4	
1/2	1,953.43	1/2	1,595.48	1/2	1,237.52	1/2	880.08	1/2	522.21	1/2	164.27	1/2		1/2		1/2		1/2	
3/4	1,945.97	3/4	1,588.02	3/4	1,230.07	3/4	872.64	3/4	514.75	3/4	156.81	3/4		3/4		3/4		3/4	
1	1,938.51	1	1,580.56	1	1,222.61	1	865.19	1	507.30	1	149.36	1		1		1		1	
1/4	1,931.05	1/4	1,573.10	1/4	1,215.15	1/4	857.75	1/4	499.84	1/4	141.90	1/4		1/4		1/4		1/4	
1/2	1,923.60	1/2	1,565.65	1/2	1,207.70	1/2	850.30	1/2	492.38	1/2	134.44	1/2		1/2		1/2		1/2	
3/4	1,916.14	3/4	1,558.19	3/4	1,200.24	3/4	842.85	3/4	484.92	3/4	126.99	3/4		3/4		3/4		3/4	
2	1,908.68	2	1,550.73	2	1,192.78	2	835.40	2	477.47	2	119.54	2		2		2		2	
1/4	1,901.22	1/4	1,543.27	1/4	1,185.32	1/4	827.94	1/4	470.01	1/4	112.09	1/4		1/4		1/4		1/4	
1/2	1,893.77	1/2	1,535.82	1/2	1,177.87	1/2	820.49	1/2	462.55	1/2	104.64	1/2		1/2		1/2		1/2	
3/4	1,886.31	3/4	1,528.36	3/4	1,170.41	3/4	813.04	3/4	455.10	3/4	97.19	3/4		3/4		3/4		3/4	
3	1,878.85	3	1,520.90	3	1,162.96	3	805.58	3	447.64	3	89.76	3		3		3		3	
1/4	1,871.40	1/4	1,513.44	1/4	1,155.50	1/4	798.12	1/4	440.18	1/4	82.34	1/4		1/4		1/4		1/4	
1/2	1,863.94	1/2	1,505.99	1/2	1,148.05	1/2	790.66	1/2	432.72	1/2	74.91	1/2		1/2		1/2		1/2	
3/4	1,856.48	3/4	1,498.53	3/4	1,140.59	3/4	783.21	3/4	425.27	3/4	67.48	3/4		3/4		3/4		3/4	
4	1,849.02	4	1,491.07	4	1,133.15	4	775.75	4	417.81	4	60.74	4		4		4		4	
1/4	1,841.57	1/4	1,483.62	1/4	1,125.70	1/4	768.29	1/4	410.35	1/4	53.99	1/4		1/4		1/4		1/4	
1/2	1,834.11	1/2	1,476.16	1/2	1,118.25	1/2	760.84	1/2	402.90	1/2	47.24	1/2		1/2		1/2		1/2	
3/4	1,826.65	3/4	1,468.70	3/4	1,110.80	3/4	753.38	3/4	395.44	3/4	40.49	3/4		3/4		3/4		3/4	
5	1,819.19	5	1,461.24	5	1,103.35	5	745.92	5	387.98	5	35.37	5		5		5		5	
1/4	1,811.74	1/4	1,453.79	1/4	1,095.91	1/4	738.47	1/4	380.52	1/4	30.24	1/4		1/4		1/4		1/4	
1/2	1,804.28	1/2	1,446.33	1/2	1,088.46	1/2	731.01	1/2	373.07	1/2	25.11	1/2		1/2		1/2		1/2	
3/4	1,796.82	3/4	1,438.87	3/4	1,081.02	3/4	723.55	3/4	365.61	3/4	19.99	3/4		3/4		3/4		3/4	
6	1,789.36	6	1,431.41	6	1,073.57	6	716.09	6	358.15	6		6		6		6		6	
1/4	1,781.91	1/4	1,423.96	1/4	1,066.13	1/4	708.64	1/4	350.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,774.45	1/2	1,416.50	1/2	1,058.69	1/2	701.18	1/2	343.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,766.99	3/4	1,409.04	3/4	1,051.25	3/4	693.72	3/4	335.78	3/4		3/4		3/4		3/4		3/4	
7	1,759.54	7	1,401.59	7	1,043.80	7	686.27	7	328.32	7		7		7		7		7	
1/4	1,752.08	1/4	1,394.13	1/4	1,036.36	1/4	678.81	1/4	320.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,744.62	1/2	1,386.67	1/2	1,028.92	1/2	671.35	1/2	313.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,737.16	3/4	1,379.21	3/4	1,021.48	3/4	663.89	3/4	305.95	3/4		3/4		3/4		3/4		3/4	
8	1,729.71	8	1,371.76	8	1,014.04	8	656.44	8	298.50	8		8		8		8		8	
1/4	1,722.25	1/4	1,364.30	1/4	1,006.59	1/4	648.98	1/4	291.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,714.79	1/2	1,356.84	1/2	999.15	1/2	641.52	1/2	283.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,707.33	3/4	1,349.38	3/4	991.71	3/4	634.07	3/4	276.13	3/4		3/4		3/4		3/4		3/4	
9	1,699.88	9	1,341.93	9	984.27	9	626.61	9	268.67	9		9		9		9		9	
1/4	1,692.42	1/4	1,334.47	1/4	976.83	1/4	619.15	1/4	261.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,684.96	1/2	1,327.01	1/2	969.39	1/2	611.69	1/2	253.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,677.51	3/4	1,319.56	3/4	961.94	3/4	604.24	3/4	246.30	3/4		3/4		3/4		3/4		3/4	
10	1,670.05	10	1,312.10	10	954.50	10	596.78	10	238.84	10		10		10		10		10	
1/4	1,662.59	1/4	1,304.64	1/4	947.06	1/4	589.32	1/4	231.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,655.13	1/2	1,297.18	1/2	939.62	1/2	581.87	1/2	223.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,647.68	3/4	1,289.73	3/4	932.18	3/4	574.41	3/4	216.47	3/4		3/4		3/4		3/4		3/4	
11	1,640.22	11	1,282.27	11	924.73	11	566.95	11	209.01	11		11		11		11		11	
1/4	1,632.76	1/4	1,274.81	1/4	917.29	1/4	559.49	1/4	201.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,625.30	1/2	1,267.35	1/2	909.85	1/2	552.04	1/2	194.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,617.85	3/4	1,259.90	3/4	902.41	3/4	544.58	3/4	186.64	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2012 CL - SW
CALCULATED: 07/02/2012 CL
NAME CHANGE: 07/07/2017

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "KIRBY 29024"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-05 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	4,423.38	0	4,176.78	0	3,929.58	0	3,682.28	0	3,368.82	0	3,012.33	0	2,655.77	0	2,299.01
1/4		1/4		1/4	4,418.24	1/4	4,171.64	1/4	3,924.43	1/4	3,677.13	1/4	3,361.39	1/4	3,004.90	1/4	2,648.34	1/4	2,291.56
1/2		1/2		1/2	4,413.10	1/2	4,166.50	1/2	3,919.28	1/2	3,671.98	1/2	3,353.96	1/2	2,997.48	1/2	2,640.91	1/2	2,284.12
3/4		3/4		3/4	4,407.96	3/4	4,161.36	3/4	3,914.12	3/4	3,666.83	3/4	3,346.54	3/4	2,990.05	3/4	2,633.48	3/4	2,276.67
1		1		1	4,402.83	1	4,156.23	1	3,908.97	1	3,661.68	1	3,339.11	1	2,982.62	1	2,626.05	1	2,269.23
1/4		1/4		1/4	4,397.69	1/4	4,151.09	1/4	3,903.82	1/4	3,656.52	1/4	3,331.69	1/4	2,975.19	1/4	2,618.62	1/4	2,261.78
1/2		1/2		1/2	4,392.55	1/2	4,145.95	1/2	3,898.67	1/2	3,651.37	1/2	3,324.26	1/2	2,967.77	1/2	2,611.19	1/2	2,254.34
3/4		3/4		3/4	4,387.41	3/4	4,140.80	3/4	3,893.52	3/4	3,646.22	3/4	3,316.83	3/4	2,960.34	3/4	2,603.76	3/4	2,246.90
2		2		2	4,382.28	2	4,135.65	2	3,888.36	2	3,641.07	2	3,309.41	2	2,952.91	2	2,596.33	2	2,239.45
1/4		1/4		1/4	4,377.14	1/4	4,130.51	1/4	3,883.21	1/4	3,635.92	1/4	3,301.98	1/4	2,945.48	1/4	2,588.90	1/4	2,232.01
1/2		1/2		1/2	4,372.00	1/2	4,125.36	1/2	3,878.06	1/2	3,630.76	1/2	3,294.55	1/2	2,938.06	1/2	2,581.47	1/2	2,224.56
3/4		3/4	4,602.32	3/4	4,366.86	3/4	4,120.20	3/4	3,872.91	3/4	3,625.61	3/4	3,287.13	3/4	2,930.63	3/4	2,574.04	3/4	2,217.12
3		3	4,599.37	3	4,361.73	3	4,115.05	3	3,867.76	3	3,620.46	3	3,279.70	3	2,923.20	3	2,566.61	3	2,209.67
1/4		1/4	4,596.42	1/4	4,356.59	1/4	4,109.90	1/4	3,862.60	1/4	3,615.31	1/4	3,272.27	1/4	2,915.78	1/4	2,559.18	1/4	2,202.23
1/2		1/2	4,593.47	1/2	4,351.45	1/2	4,104.75	1/2	3,857.45	1/2	3,610.16	1/2	3,264.85	1/2	2,908.35	1/2	2,551.75	1/2	2,194.79
3/4		3/4	4,589.28	3/4	4,346.31	3/4	4,099.60	3/4	3,852.30	3/4	3,605.00	3/4	3,257.42	3/4	2,900.92	3/4	2,544.32	3/4	2,187.34
4		4	4,585.09	4	4,341.18	4	4,094.44	4	3,847.15	4	3,599.85	4	3,250.00	4	2,893.49	4	2,536.89	4	2,179.90
1/4		1/4	4,580.89	1/4	4,336.04	1/4	4,089.29	1/4	3,842.00	1/4	3,594.70	1/4	3,242.57	1/4	2,886.06	1/4	2,529.46	1/4	2,172.45
1/2		1/2	4,576.70	1/2	4,330.90	1/2	4,084.14	1/2	3,836.84	1/2	3,589.55	1/2	3,235.14	1/2	2,878.63	1/2	2,522.03	1/2	2,165.01
3/4		3/4	4,571.75	3/4	4,325.76	3/4	4,078.99	3/4	3,831.69	3/4	3,582.67	3/4	3,227.72	3/4	2,871.20	3/4	2,514.60	3/4	2,157.56
5		5	4,566.80	5	4,320.63	5	4,073.84	5	3,826.54	5	3,575.79	5	3,220.29	5	2,863.77	5	2,507.17	5	2,150.12
1/4		1/4	4,561.84	1/4	4,315.49	1/4	4,068.68	1/4	3,821.39	1/4	3,568.91	1/4	3,212.86	1/4	2,856.35	1/4	2,499.74	1/4	2,142.67
1/2		1/2	4,556.89	1/2	4,310.35	1/2	4,063.53	1/2	3,816.24	1/2	3,562.03	1/2	3,205.44	1/2	2,848.92	1/2	2,492.31	1/2	2,135.23
3/4		3/4	4,551.77	3/4	4,305.21	3/4	4,058.38	3/4	3,811.08	3/4	3,554.59	3/4	3,198.01	3/4	2,841.49	3/4	2,484.88	3/4	2,127.79
6		6	4,546.64	6	4,300.08	6	4,053.23	6	3,805.93	6	3,547.15	6	3,190.58	6	2,834.06	6	2,477.45	6	2,120.34
1/4		1/4	4,541.52	1/4	4,294.94	1/4	4,048.08	1/4	3,800.78	1/4	3,539.70	1/4	3,183.16	1/4	2,826.63	1/4	2,470.02	1/4	2,112.90
1/2		1/2	4,536.40	1/2	4,289.80	1/2	4,042.92	1/2	3,795.63	1/2	3,532.26	1/2	3,175.73	1/2	2,819.20	1/2	2,462.59	1/2	2,105.45
3/4		3/4	4,531.27	3/4	4,284.66	3/4	4,037.77	3/4	3,790.48	3/4	3,524.82	3/4	3,168.30	3/4	2,811.77	3/4	2,455.16	3/4	2,098.02
7		7	4,526.13	7	4,279.53	7	4,032.62	7	3,785.32	7	3,517.38	7	3,160.88	7	2,804.35	7	2,447.73	7	2,090.59
1/4		1/4	4,521.00	1/4	4,274.39	1/4	4,027.47	1/4	3,780.17	1/4	3,509.94	1/4	3,153.45	1/4	2,796.92	1/4	2,440.30	1/4	2,083.16
1/2		1/2	4,515.86	1/2	4,269.25	1/2	4,022.32	1/2	3,775.02	1/2	3,502.50	1/2	3,146.03	1/2	2,789.49	1/2	2,432.87	1/2	2,075.72
3/4		3/4	4,510.72	3/4	4,264.11	3/4	4,017.16	3/4	3,769.87	3/4	3,495.07	3/4	3,138.60	3/4	2,782.06	3/4	2,425.44	3/4	2,068.30
8		8	4,505.59	8	4,258.98	8	4,012.01	8	3,764.72	8	3,487.65	8	3,131.17	8	2,774.63	8	2,418.01	8	2,060.87
1/4		1/4	4,500.45	1/4	4,253.84	1/4	4,006.86	1/4	3,759.56	1/4	3,480.22	1/4	3,123.74	1/4	2,767.20	1/4	2,410.58	1/4	2,053.44
1/2		1/2	4,495.31	1/2	4,248.70	1/2	4,001.71	1/2	3,754.41	1/2	3,472.79	1/2	3,116.32	1/2	2,759.77	1/2	2,403.15	1/2	2,046.01
3/4		3/4	4,490.17	3/4	4,243.56	3/4	3,996.56	3/4	3,749.26	3/4	3,465.36	3/4	3,108.89	3/4	2,752.34	3/4	2,395.72	3/4	2,038.59
9		9	4,485.03	9	4,238.43	9	3,991.40	9	3,744.11	9	3,457.93	9	3,101.46	9	2,744.92	9	2,388.29	9	2,031.16
1/4		1/4	4,479.89	1/4	4,233.29	1/4	3,986.25	1/4	3,738.96	1/4	3,450.51	1/4	3,094.03	1/4	2,737.49	1/4	2,380.86	1/4	2,023.73
1/2		1/2	4,474.75	1/2	4,228.15	1/2	3,981.10	1/2	3,733.80	1/2	3,443.08	1/2	3,086.61	1/2	2,730.06	1/2	2,373.43	1/2	2,016.30
3/4		3/4	4,469.62	3/4	4,223.01	3/4	3,975.95	3/4	3,728.65	3/4	3,435.66	3/4	3,079.18	3/4	2,722.63	3/4	2,365.99	3/4	2,008.88
10		10	4,464.48	10	4,217.88	10	3,970.80	10	3,723.50	10	3,428.23	10	3,071.75	10	2,715.20	10	2,358.55	10	2,001.45
1/4		1/4	4,459.34	1/4	4,212.74	1/4	3,965.64	1/4	3,718.35	1/4	3,420.80	1/4	3,064.32	1/4	2,707.77	1/4	2,351.11	1/4	1,994.02
1/2		1/2	4,454.20	1/2	4,207.60	1/2	3,960.49	1/2	3,713.20	1/2	3,413.38	1/2	3,056.90	1/2	2,700.34	1/2	2,343.67	1/2	1,986.60
3/4		3/4	4,449.06	3/4	4,202.46	3/4	3,955.34	3/4	3,708.04	3/4	3,405.95	3/4	3,049.47	3/4	2,692.91	3/4	2,336.23	3/4	1,979.17
11		11	4,443.93	11	4,197.33	11	3,950.19	11	3,702.89	11	3,398.52	11	3,042.04	11	2,685.49	11	2,328.78	11	1,971.74
1/4		1/4	4,438.79	1/4	4,192.19	1/4	3,945.04	1/4	3,697.74	1/4	3,391.10	1/4	3,034.61	1/4	2,678.06	1/4	2,321.34	1/4	1,964.31
1/2		1/2	4,433.65	1/2	4,187.05	1/2	3,939.88	1/2	3,692.59	1/2	3,383.67	1/2	3,027.19	1/2	2,670.63	1/2	2,313.89	1/2	1,956.89
3/4		3/4	4,428.51	3/4	4,181.91	3/4	3,934.73	3/4	3,687.44	3/4	3,376.24	3/4	3,019.76	3/4	2,663.20	3/4	2,306.45	3/4	1,949.46

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED 12'-06" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 29024"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 15'-05 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	1,942.03	0	1,585.24	0	1,228.10	0	884.99	0	529.30	0	171.72	0		0		0		0	
1/4	1,934.60	1/4	1,577.80	1/4	1,220.66	1/4	877.88	1/4	521.86	1/4	164.26	1/4		1/4		1/4		1/4	
1/2	1,927.18	1/2	1,570.36	1/2	1,213.21	1/2	870.78	1/2	514.41	1/2	156.81	1/2		1/2		1/2		1/2	
3/4	1,919.75	3/4	1,562.92	3/4	1,205.89	3/4	863.55	3/4	506.97	3/4	149.35	3/4		3/4		3/4		3/4	
1	1,912.32	1	1,555.48	1	1,198.56	1	856.31	1	499.52	1	141.90	1		1		1		1	
1/4	1,904.89	1/4	1,548.04	1/4	1,191.23	1/4	849.08	1/4	492.08	1/4	134.44	1/4		1/4		1/4		1/4	
1/2	1,897.47	1/2	1,540.60	1/2	1,183.90	1/2	841.85	1/2	484.63	1/2	126.99	1/2		1/2		1/2		1/2	
3/4	1,890.04	3/4	1,533.16	3/4	1,176.73	3/4	834.44	3/4	477.19	3/4	119.54	3/4		3/4		3/4		3/4	
2	1,882.61	2	1,525.72	2	1,169.55	2	827.04	2	469.74	2	112.09	2		2		2		2	
1/4	1,875.19	1/4	1,518.28	1/4	1,162.37	1/4	819.64	1/4	462.29	1/4	104.64	1/4		1/4		1/4		1/4	
1/2	1,867.76	1/2	1,510.84	1/2	1,155.20	1/2	812.24	1/2	454.85	1/2	97.20	1/2		1/2		1/2		1/2	
3/4	1,860.33	3/4	1,503.40	3/4	1,148.06	3/4	804.79	3/4	447.40	3/4	89.77	3/4		3/4		3/4		3/4	
3	1,852.90	3	1,495.96	3	1,140.93	3	797.35	3	439.96	3	82.34	3		3		3		3	
1/4	1,845.48	1/4	1,488.52	1/4	1,133.80	1/4	789.90	1/4	432.51	1/4	74.91	1/4		1/4		1/4		1/4	
1/2	1,838.05	1/2	1,481.08	1/2	1,126.67	1/2	782.45	1/2	425.07	1/2	67.49	1/2		1/2		1/2		1/2	
3/4	1,830.62	3/4	1,473.64	3/4	1,119.55	3/4	775.01	3/4	417.62	3/4	60.74	3/4		3/4		3/4		3/4	
4	1,823.19	4	1,466.20	4	1,112.43	4	767.56	4	410.17	4	53.99	4		4		4		4	
1/4	1,815.77	1/4	1,458.75	1/4	1,105.31	1/4	760.12	1/4	402.73	1/4	47.24	1/4		1/4		1/4		1/4	
1/2	1,808.34	1/2	1,451.31	1/2	1,098.19	1/2	752.67	1/2	395.28	1/2	40.49	1/2		1/2		1/2		1/2	
3/4	1,800.91	3/4	1,443.87	3/4	1,091.08	3/4	745.23	3/4	387.84	3/4	35.37	3/4		3/4		3/4		3/4	
5	1,793.49	5	1,436.43	5	1,083.97	5	737.78	5	380.39	5	30.24	5		5		5		5	
1/4	1,786.06	1/4	1,428.99	1/4	1,076.85	1/4	730.34	1/4	372.95	1/4	25.11	1/4		1/4		1/4		1/4	
1/2	1,778.63	1/2	1,421.55	1/2	1,069.74	1/2	722.89	1/2	365.50	1/2	19.99	1/2		1/2		1/2		1/2	
3/4	1,771.20	3/4	1,414.11	3/4	1,062.63	3/4	715.44	3/4	358.06	3/4		3/4		3/4		3/4		3/4	
6	1,763.78	6	1,406.67	6	1,055.53	6	708.00	6	350.61	6		6		6		6		6	
1/4	1,756.35	1/4	1,399.23	1/4	1,048.42	1/4	700.55	1/4	343.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,748.92	1/2	1,391.79	1/2	1,041.31	1/2	693.11	1/2	335.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,741.48	3/4	1,384.35	3/4	1,034.21	3/4	685.66	3/4	328.27	3/4		3/4		3/4		3/4		3/4	
7	1,734.05	7	1,376.91	7	1,027.10	7	678.22	7	320.83	7		7		7		7		7	
1/4	1,726.61	1/4	1,369.47	1/4	1,020.00	1/4	670.77	1/4	313.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,719.18	1/2	1,362.03	1/2	1,012.89	1/2	663.33	1/2	305.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,711.73	3/4	1,354.59	3/4	1,005.79	3/4	655.88	3/4	298.48	3/4		3/4		3/4		3/4		3/4	
8	1,704.29	8	1,347.15	8	998.68	8	648.43	8	291.03	8		8		8		8		8	
1/4	1,696.85	1/4	1,339.70	1/4	991.57	1/4	640.99	1/4	283.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,689.41	1/2	1,332.26	1/2	984.47	1/2	633.54	1/2	276.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,681.97	3/4	1,324.82	3/4	977.36	3/4	626.10	3/4	268.66	3/4		3/4		3/4		3/4		3/4	
9	1,674.53	9	1,317.38	9	970.26	9	618.65	9	261.20	9		9		9		9		9	
1/4	1,667.09	1/4	1,309.94	1/4	963.15	1/4	611.21	1/4	253.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,659.65	1/2	1,302.50	1/2	956.05	1/2	603.76	1/2	246.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,652.21	3/4	1,295.06	3/4	948.94	3/4	596.31	3/4	238.83	3/4		3/4		3/4		3/4		3/4	
10	1,644.77	10	1,287.62	10	941.83	10	588.87	10	231.38	10		10		10		10		10	
1/4	1,637.33	1/4	1,280.18	1/4	934.73	1/4	581.42	1/4	223.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,629.89	1/2	1,272.74	1/2	927.62	1/2	573.98	1/2	216.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,622.45	3/4	1,265.30	3/4	920.52	3/4	566.53	3/4	209.00	3/4		3/4		3/4		3/4		3/4	
11	1,615.01	11	1,257.86	11	913.41	11	559.09	11	201.55	11		11		11		11		11	
1/4	1,607.57	1/4	1,250.42	1/4	906.31	1/4	551.64	1/4	194.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,600.13	1/2	1,242.98	1/2	899.20	1/2	544.20	1/2	186.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,592.69	3/4	1,235.54	3/4	892.10	3/4	536.75	3/4	179.18	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2012 CL - SW
CALCULATED: 07/02/2012 CL
NAME CHANGE: 07/07/2017

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "KIRBY 29024"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 5'-08 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	20.84	0	987	0	1,954	0	2,920	0	3,886	0		0		0		0		0	
1/4	40.98	1/4	1,007	1/4	1,974	1/4	2,940	1/4	3,906	1/4		1/4		1/4		1/4		1/4	
1/2	61.11	1/2	1,027	1/2	1,994	1/2	2,960	1/2	3,926	1/2		1/2		1/2		1/2		1/2	
3/4	81.24	3/4	1,048	3/4	2,014	3/4	2,980	3/4	3,946	3/4		3/4		3/4		3/4		3/4	
1	101.37	1	1,068	1	2,034	1	3,000	1	3,967	1		1		1		1		1	
1/4	121.51	1/4	1,088	1/4	2,054	1/4	3,020	1/4	3,987	1/4		1/4		1/4		1/4		1/4	
1/2	141.64	1/2	1,108	1/2	2,074	1/2	3,040	1/2	4,007	1/2		1/2		1/2		1/2		1/2	
3/4	161.77	3/4	1,128	3/4	2,094	3/4	3,061	3/4	4,027	3/4		3/4		3/4		3/4		3/4	
2	181.90	2	1,148	2	2,115	2	3,081	2	4,047	2		2		2		2		2	
1/4	202.04	1/4	1,168	1/4	2,135	1/4	3,101	1/4	4,067	1/4		1/4		1/4		1/4		1/4	
1/2	222.17	1/2	1,189	1/2	2,155	1/2	3,121	1/2	4,087	1/2		1/2		1/2		1/2		1/2	
3/4	242.30	3/4	1,209	3/4	2,175	3/4	3,141	3/4	4,107	3/4		3/4		3/4		3/4		3/4	
3	262.43	3	1,229	3	2,195	3	3,161	3	4,128	3		3		3		3		3	
1/4	282.57	1/4	1,249	1/4	2,215	1/4	3,181	1/4	4,148	1/4		1/4		1/4		1/4		1/4	
1/2	302.70	1/2	1,269	1/2	2,235	1/2	3,201	1/2	4,168	1/2		1/2		1/2		1/2		1/2	
3/4	322.83	3/4	1,289	3/4	2,256	3/4	3,222	3/4	4,188	3/4		3/4		3/4		3/4		3/4	
4	342.96	4	1,309	4	2,276	4	3,242	4	4,208	4		4		4		4		4	
1/4	363.09	1/4	1,329	1/4	2,296	1/4	3,262	1/4	4,226	1/4		1/4		1/4		1/4		1/4	
1/2	383.23	1/2	1,350	1/2	2,316	1/2	3,282	1/2	4,243	1/2		1/2		1/2		1/2		1/2	
3/4	403.36	3/4	1,370	3/4	2,336	3/4	3,302	3/4	4,261	3/4		3/4		3/4		3/4		3/4	
5	423.49	5	1,390	5	2,356	5	3,322	5	4,278	5		5		5		5		5	
1/4	443.62	1/4	1,410	1/4	2,376	1/4	3,342	1/4	4,289	1/4		1/4		1/4		1/4		1/4	
1/2	463.76	1/2	1,430	1/2	2,396	1/2	3,363	1/2	4,299	1/2		1/2		1/2		1/2		1/2	
3/4	483.89	3/4	1,450	3/4	2,417	3/4	3,383	3/4	4,309	3/4		3/4		3/4		3/4		3/4	
6	504.02	6	1,470	6	2,437	6	3,403	6		6		6		6		6		6	
1/4	524.15	1/4	1,491	1/4	2,457	1/4	3,423	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	544.29	1/2	1,511	1/2	2,477	1/2	3,443	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	564.42	3/4	1,531	3/4	2,497	3/4	3,463	3/4		3/4		3/4		3/4		3/4		3/4	
7	584.55	7	1,551	7	2,517	7	3,483	7		7		7		7		7		7	
1/4	604.68	1/4	1,571	1/4	2,537	1/4	3,503	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	624.82	1/2	1,591	1/2	2,557	1/2	3,524	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	644.95	3/4	1,611	3/4	2,578	3/4	3,544	3/4		3/4		3/4		3/4		3/4		3/4	
8	665.08	8	1,631	8	2,598	8	3,564	8		8		8		8		8		8	
1/4	685.21	1/4	1,652	1/4	2,618	1/4	3,584	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	705.35	1/2	1,672	1/2	2,638	1/2	3,604	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	725.48	3/4	1,692	3/4	2,658	3/4	3,624	3/4		3/4		3/4		3/4		3/4		3/4	
9	745.61	9	1,712	9	2,678	9	3,644	9		9		9		9		9		9	
1/4	765.74	1/4	1,732	1/4	2,698	1/4	3,665	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	785.88	1/2	1,752	1/2	2,718	1/2	3,685	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	806.01	3/4	1,772	3/4	2,738	3/4	3,705	3/4		3/4		3/4		3/4		3/4		3/4	
10	826.14	10	1,792	10	2,759	10	3,725	10		10		10		10		10		10	
1/4	846.27	1/4	1,813	1/4	2,779	1/4	3,745	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	866.40	1/2	1,833	1/2	2,799	1/2	3,765	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	886.54	3/4	1,853	3/4	2,819	3/4	3,785	3/4		3/4		3/4		3/4		3/4		3/4	
11	906.67	11	1,873	11	2,839	11	3,805	11		11		11		11		11		11	
1/4	926.80	1/4	1,893	1/4	2,859	1/4	3,826	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	946.93	1/2	1,913	1/2	2,879	1/2	3,846	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	967.07	3/4	1,933	3/4	2,899	3/4	3,866	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.

STRAPPED: 07/02/2012 CL - SW
 CALCULATED: 07/02/2012 CL
 NAME CHANGE: 07/07/2017

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29024"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 5'-08 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	20.84	0	987	0	1,954	0	2,920	0	3,886	0		0		0		0		0	
1/4	40.98	1/4	1,007	1/4	1,974	1/4	2,940	1/4	3,906	1/4		1/4		1/4		1/4		1/4	
1/2	61.11	1/2	1,027	1/2	1,994	1/2	2,960	1/2	3,926	1/2		1/2		1/2		1/2		1/2	
3/4	81.24	3/4	1,048	3/4	2,014	3/4	2,980	3/4	3,946	3/4		3/4		3/4		3/4		3/4	
1	101.37	1	1,068	1	2,034	1	3,000	1	3,967	1		1		1		1		1	
1/4	121.51	1/4	1,088	1/4	2,054	1/4	3,020	1/4	3,987	1/4		1/4		1/4		1/4		1/4	
1/2	141.64	1/2	1,108	1/2	2,074	1/2	3,040	1/2	4,007	1/2		1/2		1/2		1/2		1/2	
3/4	161.77	3/4	1,128	3/4	2,094	3/4	3,061	3/4	4,027	3/4		3/4		3/4		3/4		3/4	
2	181.90	2	1,148	2	2,115	2	3,081	2	4,047	2		2		2		2		2	
1/4	202.04	1/4	1,168	1/4	2,135	1/4	3,101	1/4	4,067	1/4		1/4		1/4		1/4		1/4	
1/2	222.17	1/2	1,189	1/2	2,155	1/2	3,121	1/2	4,087	1/2		1/2		1/2		1/2		1/2	
3/4	242.30	3/4	1,209	3/4	2,175	3/4	3,141	3/4	4,107	3/4		3/4		3/4		3/4		3/4	
3	262.43	3	1,229	3	2,195	3	3,161	3	4,128	3		3		3		3		3	
1/4	282.57	1/4	1,249	1/4	2,215	1/4	3,181	1/4	4,148	1/4		1/4		1/4		1/4		1/4	
1/2	302.70	1/2	1,269	1/2	2,235	1/2	3,201	1/2	4,168	1/2		1/2		1/2		1/2		1/2	
3/4	322.83	3/4	1,289	3/4	2,256	3/4	3,222	3/4	4,188	3/4		3/4		3/4		3/4		3/4	
4	342.96	4	1,309	4	2,276	4	3,242	4	4,208	4		4		4		4		4	
1/4	363.09	1/4	1,329	1/4	2,296	1/4	3,262	1/4	4,226	1/4		1/4		1/4		1/4		1/4	
1/2	383.23	1/2	1,350	1/2	2,316	1/2	3,282	1/2	4,243	1/2		1/2		1/2		1/2		1/2	
3/4	403.36	3/4	1,370	3/4	2,336	3/4	3,302	3/4	4,261	3/4		3/4		3/4		3/4		3/4	
5	423.49	5	1,390	5	2,356	5	3,322	5	4,278	5		5		5		5		5	
1/4	443.62	1/4	1,410	1/4	2,376	1/4	3,342	1/4	4,289	1/4		1/4		1/4		1/4		1/4	
1/2	463.76	1/2	1,430	1/2	2,396	1/2	3,363	1/2	4,299	1/2		1/2		1/2		1/2		1/2	
3/4	483.89	3/4	1,450	3/4	2,417	3/4	3,383	3/4	4,309	3/4		3/4		3/4		3/4		3/4	
6	504.02	6	1,470	6	2,437	6	3,403	6		6		6		6		6		6	
1/4	524.15	1/4	1,491	1/4	2,457	1/4	3,423	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	544.29	1/2	1,511	1/2	2,477	1/2	3,443	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	564.42	3/4	1,531	3/4	2,497	3/4	3,463	3/4		3/4		3/4		3/4		3/4		3/4	
7	584.55	7	1,551	7	2,517	7	3,483	7		7		7		7		7		7	
1/4	604.68	1/4	1,571	1/4	2,537	1/4	3,503	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	624.82	1/2	1,591	1/2	2,557	1/2	3,524	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	644.95	3/4	1,611	3/4	2,578	3/4	3,544	3/4		3/4		3/4		3/4		3/4		3/4	
8	665.08	8	1,631	8	2,598	8	3,564	8		8		8		8		8		8	
1/4	685.21	1/4	1,652	1/4	2,618	1/4	3,584	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	705.35	1/2	1,672	1/2	2,638	1/2	3,604	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	725.48	3/4	1,692	3/4	2,658	3/4	3,624	3/4		3/4		3/4		3/4		3/4		3/4	
9	745.61	9	1,712	9	2,678	9	3,644	9		9		9		9		9		9	
1/4	765.74	1/4	1,732	1/4	2,698	1/4	3,665	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	785.88	1/2	1,752	1/2	2,718	1/2	3,685	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	806.01	3/4	1,772	3/4	2,738	3/4	3,705	3/4		3/4		3/4		3/4		3/4		3/4	
10	826.14	10	1,792	10	2,759	10	3,725	10		10		10		10		10		10	
1/4	846.27	1/4	1,813	1/4	2,779	1/4	3,745	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	866.40	1/2	1,833	1/2	2,799	1/2	3,765	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	886.54	3/4	1,853	3/4	2,819	3/4	3,785	3/4		3/4		3/4		3/4		3/4		3/4	
11	906.67	11	1,873	11	2,839	11	3,805	11		11		11		11		11		11	
1/4	926.80	1/4	1,893	1/4	2,859	1/4	3,826	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	946.93	1/2	1,913	1/2	2,879	1/2	3,846	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	967.07	3/4	1,933	3/4	2,899	3/4	3,866	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.

STRAPPED: 07/02/2012 CL - SW
 CALCULATED: 07/02/2012 CL
 NAME CHANGE: 07/07/2017

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29024"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

FORMERLY "SCF 1204"

GAUGE HEIGHT 5'-06"

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	8	0	394	0	779	0	1,164	0	1,549	0		0		0		0		0	
1/4	16	1/4	402	1/4	787	1/4	1,172	1/4	1,557	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	410	1/2	795	1/2	1,180	1/2	1,565	1/2		1/2		1/2		1/2		1/2	
3/4	32	3/4	418	3/4	803	3/4	1,188	3/4	1,573	3/4		3/4		3/4		3/4		3/4	
1	40	1	426	1	811	1	1,196	1	1,581	1		1		1		1		1	
1/4	48	1/4	434	1/4	819	1/4	1,204	1/4	1,589	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	442	1/2	827	1/2	1,212	1/2	1,597	1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	450	3/4	835	3/4	1,220	3/4	1,605	3/4		3/4		3/4		3/4		3/4	
2	72	2	458	2	843	2	1,228	2	1,613	2		2		2		2		2	
1/4	80	1/4	466	1/4	851	1/4	1,236	1/4	1,621	1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	474	1/2	859	1/2	1,244	1/2	1,629	1/2		1/2		1/2		1/2		1/2	
3/4	96	3/4	482	3/4	866	3/4	1,252	3/4	1,637	3/4		3/4		3/4		3/4		3/4	
3	104	3	490	3	874	3	1,260	3	1,645	3		3		3		3		3	
1/4	112	1/4	498	1/4	882	1/4	1,268	1/4	1,653	1/4		1/4		1/4		1/4		1/4	
1/2	121	1/2	506	1/2	890	1/2	1,276	1/2	1,661	1/2		1/2		1/2		1/2		1/2	
3/4	129	3/4	514	3/4	899	3/4	1,284	3/4	1,669	3/4		3/4		3/4		3/4		3/4	
4	137	4	522	4	907	4	1,292	4	1,677	4		4		4		4		4	
1/4	145	1/4	530	1/4	915	1/4	1,300	1/4	1,685	1/4		1/4		1/4		1/4		1/4	
1/2	153	1/2	538	1/2	923	1/2	1,308	1/2	1,692	1/2		1/2		1/2		1/2		1/2	
3/4	161	3/4	546	3/4	931	3/4	1,316	3/4	1,700	3/4		3/4		3/4		3/4		3/4	
5	169	5	554	5	939	5	1,324	5	1,708	5		5		5		5		5	
1/4	177	1/4	562	1/4	947	1/4	1,332	1/4	1,716	1/4		1/4		1/4		1/4		1/4	
1/2	185	1/2	570	1/2	955	1/2	1,340	1/2	1,724	1/2		1/2		1/2		1/2		1/2	
3/4	193	3/4	578	3/4	963	3/4	1,348	3/4	1,732	3/4		3/4		3/4		3/4		3/4	
6	201	6	587	6	971	6	1,356	6		6		6		6		6		6	
1/4	209	1/4	595	1/4	979	1/4	1,365	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	217	1/2	603	1/2	987	1/2	1,373	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	225	3/4	611	3/4	995	3/4	1,381	3/4		3/4		3/4		3/4		3/4		3/4	
7	233	7	619	7	1,003	7	1,389	7		7		7		7		7		7	
1/4	241	1/4	627	1/4	1,011	1/4	1,397	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	249	1/2	635	1/2	1,019	1/2	1,405	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	257	3/4	643	3/4	1,027	3/4	1,413	3/4		3/4		3/4		3/4		3/4		3/4	
8	265	8	651	8	1,035	8	1,421	8		8		8		8		8		8	
1/4	273	1/4	659	1/4	1,043	1/4	1,429	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	667	1/2	1,051	1/2	1,437	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	289	3/4	675	3/4	1,059	3/4	1,445	3/4		3/4		3/4		3/4		3/4		3/4	
9	297	9	683	9	1,067	9	1,453	9		9		9		9		9		9	
1/4	305	1/4	691	1/4	1,075	1/4	1,461	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	313	1/2	699	1/2	1,083	1/2	1,469	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	321	3/4	707	3/4	1,091	3/4	1,477	3/4		3/4		3/4		3/4		3/4		3/4	
10	329	10	715	10	1,099	10	1,485	10		10		10		10		10		10	
1/4	337	1/4	723	1/4	1,107	1/4	1,493	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	345	1/2	731	1/2	1,115	1/2	1,501	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	354	3/4	739	3/4	1,123	3/4	1,509	3/4		3/4		3/4		3/4		3/4		3/4	
11	362	11	747	11	1,132	11	1,517	11		11		11		11		11		11	
1/4	370	1/4	755	1/4	1,140	1/4	1,525	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	378	1/2	763	1/2	1,148	1/2	1,533	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	386	3/4	771	3/4	1,156	3/4	1,541	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER PIPE.

STRAPPED: 07/02/2012 CL - SW
 CALCULATED: 07/02/2012 CL
 NAME CHANGE: 07/07/2017

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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