

KIRBY 20004



Barge Strapping Tables



BARGE "KIRBY 20004"

ULLAGE TRIM TABLE

FORMERLY "KEX 2200"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 219'-00"

May 23, 2008

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

http://www.pmacorp.net

BARGE "KIRBY 20004"

1 PORT
ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00 3/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	3,515.78	0	3,217.23	0	2,896.54	0	2,575.84	0	2,255.14	0	1,934.45	0	1,613.75
1/4		1/4		1/4		1/4	3,512.44	1/4	3,210.55	1/4	2,889.86	1/4	2,569.16	1/4	2,248.46	1/4	1,927.77	1/4	1,607.07
1/2		1/2		1/2		1/2	3,508.68	1/2	3,203.87	1/2	2,883.18	1/2	2,562.48	1/2	2,241.78	1/2	1,921.08	1/2	1,600.39
3/4		3/4		3/4		3/4	3,504.79	3/4	3,197.19	3/4	2,876.50	3/4	2,555.80	3/4	2,235.10	3/4	1,914.40	3/4	1,593.71
1		1		1		1	3,500.75	1	3,190.51	1	2,869.81	1	2,549.12	1	2,228.42	1	1,907.72	1	1,587.02
1/4		1/4		1/4		1/4	3,496.30	1/4	3,183.83	1/4	2,863.13	1/4	2,542.44	1/4	2,221.74	1/4	1,901.04	1/4	1,580.34
1/2		1/2		1/2		1/2	3,491.43	1/2	3,177.15	1/2	2,856.45	1/2	2,535.75	1/2	2,215.06	1/2	1,894.36	1/2	1,573.66
3/4		3/4		3/4		3/4	3,486.42	3/4	3,170.47	3/4	2,849.77	3/4	2,529.07	3/4	2,208.38	3/4	1,887.68	3/4	1,566.98
2		2		2		2	3,481.27	2	3,163.79	2	2,843.09	2	2,522.39	2	2,201.69	2	1,881.00	2	1,560.30
1/4		1/4		1/4		1/4	3,475.70	1/4	3,157.11	1/4	2,836.41	1/4	2,515.71	1/4	2,195.01	1/4	1,874.32	1/4	1,553.62
1/2		1/2		1/2		1/2	3,469.71	1/2	3,150.43	1/2	2,829.73	1/2	2,509.03	1/2	2,188.33	1/2	1,867.63	1/2	1,546.94
3/4		3/4		3/4		3/4	3,463.59	3/4	3,143.74	3/4	2,823.05	3/4	2,502.35	3/4	2,181.65	3/4	1,860.95	3/4	1,540.26
3		3		3		3	3,457.40	3	3,137.06	3	2,816.37	3	2,495.67	3	2,174.97	3	1,854.27	3	1,533.57
1/4		1/4		1/4		1/4	3,451.00	1/4	3,130.38	1/4	2,809.68	1/4	2,488.99	1/4	2,168.29	1/4	1,847.59	1/4	1,526.89
1/2		1/2		1/2		1/2	3,444.39	1/2	3,123.70	1/2	2,803.00	1/2	2,482.31	1/2	2,161.61	1/2	1,840.91	1/2	1,520.21
3/4		3/4		3/4		3/4	3,437.71	3/4	3,117.02	3/4	2,796.32	3/4	2,475.62	3/4	2,154.93	3/4	1,834.23	3/4	1,513.53
4		4		4		4	3,431.02	4	3,110.34	4	2,789.64	4	2,468.94	4	2,148.25	4	1,827.55	4	1,506.85
1/4		1/4		1/4		1/4	3,424.34	1/4	3,103.66	1/4	2,782.96	1/4	2,462.26	1/4	2,141.56	1/4	1,820.87	1/4	1,500.17
1/2		1/2		1/2		1/2	3,417.66	1/2	3,096.98	1/2	2,776.28	1/2	2,455.58	1/2	2,134.88	1/2	1,814.19	1/2	1,493.49
3/4		3/4		3/4		3/4	3,410.98	3/4	3,090.29	3/4	2,769.60	3/4	2,448.90	3/4	2,128.20	3/4	1,807.50	3/4	1,486.81
5		5		5		5	3,404.30	5	3,083.61	5	2,762.92	5	2,442.22	5	2,121.52	5	1,800.82	5	1,480.13
1/4		1/4		1/4		1/4	3,397.62	1/4	3,076.93	1/4	2,756.23	1/4	2,435.54	1/4	2,114.84	1/4	1,794.14	1/4	1,473.44
1/2		1/2		1/2		1/2	3,390.94	1/2	3,070.25	1/2	2,749.55	1/2	2,428.86	1/2	2,108.16	1/2	1,787.46	1/2	1,466.76
3/4		3/4		3/4		3/4	3,384.26	3/4	3,063.57	3/4	2,742.87	3/4	2,422.17	3/4	2,101.48	3/4	1,780.78	3/4	1,460.08
6		6		6		6	3,377.58	6	3,056.89	6	2,736.19	6	2,415.49	6	2,094.80	6	1,774.10	6	1,453.40
1/4		1/4		1/4		1/4	3,370.90	1/4	3,050.21	1/4	2,729.51	1/4	2,408.81	1/4	2,088.11	1/4	1,767.42	1/4	1,446.72
1/2		1/2		1/2		1/2	3,364.21	1/2	3,043.53	1/2	2,722.83	1/2	2,402.13	1/2	2,081.43	1/2	1,760.74	1/2	1,440.04
3/4		3/4		3/4		3/4	3,357.53	3/4	3,036.84	3/4	2,716.15	3/4	2,395.45	3/4	2,074.75	3/4	1,754.05	3/4	1,433.36
7		7		7		7	3,350.85	7	3,030.16	7	2,709.47	7	2,388.77	7	2,068.07	7	1,747.37	7	1,426.68
1/4		1/4		1/4		1/4	3,344.17	1/4	3,023.48	1/4	2,702.78	1/4	2,382.09	1/4	2,061.39	1/4	1,740.69	1/4	1,419.99
1/2		1/2		1/2		1/2	3,337.49	1/2	3,016.80	1/2	2,696.10	1/2	2,375.41	1/2	2,054.71	1/2	1,734.01	1/2	1,413.31
3/4		3/4		3/4		3/4	3,330.81	3/4	3,010.12	3/4	2,689.42	3/4	2,368.72	3/4	2,048.03	3/4	1,727.33	3/4	1,406.63
8		8		8		8	3,324.13	8	3,003.44	8	2,682.74	8	2,362.04	8	2,041.35	8	1,720.65	8	1,399.95
1/4		1/4		1/4		1/4	3,317.45	1/4	2,996.76	1/4	2,676.06	1/4	2,355.36	1/4	2,034.66	1/4	1,713.97	1/4	1,393.27
1/2		1/2		1/2		1/2	3,310.77	1/2	2,990.08	1/2	2,669.38	1/2	2,348.68	1/2	2,027.98	1/2	1,707.29	1/2	1,386.59
3/4		3/4		3/4		3/4	3,304.09	3/4	2,983.40	3/4	2,662.70	3/4	2,342.00	3/4	2,021.30	3/4	1,700.60	3/4	1,379.91
9		9		9		9	3,297.40	9	2,976.71	9	2,656.02	9	2,335.32	9	2,014.62	9	1,693.92	9	1,373.23
1/4		1/4		1/4		1/4	3,290.72	1/4	2,970.03	1/4	2,649.34	1/4	2,328.64	1/4	2,007.94	1/4	1,687.24	1/4	1,366.54
1/2		1/2		1/2		1/2	3,284.04	1/2	2,963.35	1/2	2,642.65	1/2	2,321.96	1/2	2,001.26	1/2	1,680.56	1/2	1,359.86
3/4		3/4		3/4		3/4	3,277.36	3/4	2,956.67	3/4	2,635.97	3/4	2,315.28	3/4	1,994.58	3/4	1,673.88	3/4	1,353.18
10		10		10		10	3,270.68	10	2,949.99	10	2,629.29	10	2,308.59	10	1,987.90	10	1,667.20	10	1,346.50
1/4		1/4		1/4		1/4	3,264.00	1/4	2,943.31	1/4	2,622.61	1/4	2,301.91	1/4	1,981.22	1/4	1,660.52	1/4	1,339.82
1/2		1/2		1/2		1/2	3,257.32	1/2	2,936.63	1/2	2,615.93	1/2	2,295.23	1/2	1,974.53	1/2	1,653.84	1/2	1,333.14
3/4		3/4		3/4		3/4	3,250.64	3/4	2,929.95	3/4	2,609.25	3/4	2,288.55	3/4	1,967.85	3/4	1,647.16	3/4	1,326.46
11		11		11		11	3,243.96	11	2,923.26	11	2,602.57	11	2,281.87	11	1,961.17	11	1,640.47	11	1,319.78
1/4		1/4		1/4		1/4	3,237.28	1/4	2,916.58	1/4	2,595.89	1/4	2,275.19	1/4	1,954.49	1/4	1,633.79	1/4	1,313.10
1/2		1/2		1/2		1/2	3,230.59	1/2	2,909.90	1/2	2,589.20	1/2	2,268.51	1/2	1,947.81	1/2	1,627.11	1/2	1,306.41
3/4		3/4		7/8	3,517.31	3/4	3,223.91	3/4	2,903.22	3/4	2,582.52	3/4	2,261.83	3/4	1,941.13	3/4	1,620.43	3/4	1,299.73

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 10'-09" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 20004"

1 PORT
ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00 3/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,293.05	0	972.35	0	651.66	0	330.99	0	29.10	0		0		0		0		0	
1/4	1,286.37	1/4	965.67	1/4	644.98	1/4	324.31	1/4	25.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,279.69	1/2	958.99	1/2	638.29	1/2	317.63	3/8	23.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,273.01	3/4	952.31	3/4	631.61	3/4	310.95	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,266.33	1	945.63	1	624.93	1	304.27	1		1		1		1		1		1	
1/4	1,259.65	1/4	938.95	1/4	618.25	1/4	297.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,252.96	1/2	932.27	1/2	611.57	1/2	290.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,246.28	3/4	925.59	3/4	604.89	3/4	284.23	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,239.60	2	918.90	2	598.21	2	277.55	2		2		2		2		2		2	
1/4	1,232.92	1/4	912.22	1/4	591.53	1/4	270.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,226.24	1/2	905.54	1/2	584.84	1/2	264.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,219.56	3/4	898.86	3/4	578.16	3/4	257.50	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,212.88	3	892.18	3	571.48	3	250.82	3		3		3		3		3		3	
1/4	1,206.20	1/4	885.50	1/4	564.80	1/4	244.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,199.51	1/2	878.82	1/2	558.12	1/2	237.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,192.83	3/4	872.14	3/4	551.44	3/4	230.78	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,186.15	4	865.45	4	544.76	4	224.10	4		4		4		4		4		4	
1/4	1,179.47	1/4	858.77	1/4	538.08	1/4	217.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,172.79	1/2	852.09	1/2	531.39	1/2	210.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,166.11	3/4	845.41	3/4	524.71	3/4	204.05	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,159.43	5	838.73	5	518.03	5	197.37	5		5		5		5		5		5	
1/4	1,152.75	1/4	832.05	1/4	511.35	1/4	190.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,146.07	1/2	825.37	1/2	504.67	1/2	184.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,139.38	3/4	818.69	3/4	497.99	3/4	177.33	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,132.70	6	812.01	6	491.31	6	170.65	6		6		6		6		6		6	
1/4	1,126.02	1/4	805.32	1/4	484.63	1/4	163.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,119.34	1/2	798.64	1/2	477.95	1/2	157.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,112.66	3/4	791.96	3/4	471.27	3/4	150.61	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,105.98	7	785.28	7	464.59	7	143.92	7		7		7		7		7		7	
1/4	1,099.30	1/4	778.60	1/4	457.91	1/4	137.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,092.62	1/2	771.92	1/2	451.23	1/2	130.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,085.93	3/4	765.24	3/4	444.55	3/4	123.88	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,079.25	8	758.56	8	437.87	8	117.20	8		8		8		8		8		8	
1/4	1,072.57	1/4	751.87	1/4	431.19	1/4	110.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,065.89	1/2	745.19	1/2	424.51	1/2	103.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,059.21	3/4	738.51	3/4	417.83	3/4	97.16	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,052.53	9	731.83	9	411.15	9	90.54	9		9		9		9		9		9	
1/4	1,045.85	1/4	725.15	1/4	404.47	1/4	84.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,039.17	1/2	718.47	1/2	397.79	1/2	77.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,032.48	3/4	711.79	3/4	391.11	3/4	71.83	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,025.80	10	705.11	10	384.43	10	65.84	10		10		10		10		10		10	
1/4	1,019.12	1/4	698.42	1/4	377.75	1/4	60.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,012.44	1/2	691.74	1/2	371.07	1/2	55.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,005.76	3/4	685.06	3/4	364.39	3/4	50.12	3/4		3/4		3/4		3/4		3/4		3/4	
11	999.08	11	678.38	11	357.71	11	45.24	11		11		11		11		11		11	
1/4	992.40	1/4	671.70	1/4	351.03	1/4	40.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	985.72	1/2	665.02	1/2	344.35	1/2	36.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	979.04	3/4	658.34	3/4	337.67	3/4	32.86	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/1981 SI
DECK MEASUREMENTS: 05/23/2008 SW
REPRINTED: 05/23/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

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

BARGE "KIRBY 20004"

1 STBD
ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00 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		0		0	3,162.75	0	2,848.46	0	2,534.18	0	2,219.89	0	1,905.61	0	1,591.32
1/4		1/4		1/4		1/4	3,447.01	1/4	3,156.20	1/4	2,841.92	1/4	2,527.63	1/4	2,213.35	1/4	1,899.06	1/4	1,584.78
1/2		1/2		1/2		1/2	3,444.28	1/2	3,149.65	1/2	2,835.37	1/2	2,521.08	1/2	2,206.80	1/2	1,892.51	1/2	1,578.23
3/4		3/4		3/4		3/4	3,440.46	3/4	3,143.11	3/4	2,828.82	3/4	2,514.54	3/4	2,200.25	3/4	1,885.97	3/4	1,571.68
1		1		1		1	3,436.64	1	3,136.56	1	2,822.27	1	2,507.99	1	2,193.70	1	1,879.42	1	1,565.13
1/4		1/4		1/4		1/4	3,432.83	1/4	3,130.01	1/4	2,815.73	1/4	2,501.44	1/4	2,187.16	1/4	1,872.87	1/4	1,558.59
1/2		1/2		1/2		1/2	3,429.01	1/2	3,123.46	1/2	2,809.18	1/2	2,494.89	1/2	2,180.61	1/2	1,866.32	1/2	1,552.04
3/4		3/4		3/4		3/4	3,424.10	3/4	3,116.92	3/4	2,802.63	3/4	2,488.35	3/4	2,174.06	3/4	1,859.78	3/4	1,545.49
2		2		2		2	3,419.19	2	3,110.37	2	2,796.08	2	2,481.80	2	2,167.51	2	1,853.23	2	1,538.94
1/4		1/4		1/4		1/4	3,414.28	1/4	3,103.82	1/4	2,789.54	1/4	2,475.25	1/4	2,160.97	1/4	1,846.68	1/4	1,532.40
1/2		1/2		1/2		1/2	3,409.37	1/2	3,097.27	1/2	2,782.99	1/2	2,468.70	1/2	2,154.42	1/2	1,840.13	1/2	1,525.85
3/4		3/4		3/4		3/4	3,403.37	3/4	3,090.73	3/4	2,776.44	3/4	2,462.16	3/4	2,147.87	3/4	1,833.59	3/4	1,519.30
3		3		3		3	3,397.37	3	3,084.18	3	2,769.89	3	2,455.61	3	2,141.32	3	1,827.04	3	1,512.75
1/4		1/4		1/4		1/4	3,391.37	1/4	3,077.63	1/4	2,763.35	1/4	2,449.06	1/4	2,134.78	1/4	1,820.49	1/4	1,506.21
1/2		1/2		1/2		1/2	3,385.37	1/2	3,071.08	1/2	2,756.80	1/2	2,442.51	1/2	2,128.23	1/2	1,813.94	1/2	1,499.66
3/4		3/4		3/4		3/4	3,378.82	3/4	3,064.53	3/4	2,750.25	3/4	2,435.97	3/4	2,121.68	3/4	1,807.40	3/4	1,493.11
4		4		4		4	3,372.27	4	3,057.99	4	2,743.70	4	2,429.42	4	2,115.13	4	1,800.85	4	1,486.56
1/4		1/4		1/4		1/4	3,365.72	1/4	3,051.44	1/4	2,737.15	1/4	2,422.87	1/4	2,108.59	1/4	1,794.30	1/4	1,480.02
1/2		1/2		1/2		1/2	3,359.18	1/2	3,044.89	1/2	2,730.61	1/2	2,416.32	1/2	2,102.04	1/2	1,787.75	1/2	1,473.47
3/4		3/4		3/4		3/4	3,352.63	3/4	3,038.34	3/4	2,724.06	3/4	2,409.77	3/4	2,095.49	3/4	1,781.21	3/4	1,466.92
5		5		5		5	3,346.08	5	3,031.80	5	2,717.51	5	2,403.23	5	2,088.94	5	1,774.66	5	1,460.37
1/4		1/4		1/4		1/4	3,339.53	1/4	3,025.25	1/4	2,710.96	1/4	2,396.68	1/4	2,082.39	1/4	1,768.11	1/4	1,453.83
1/2		1/2		1/2		1/2	3,332.99	1/2	3,018.70	1/2	2,704.42	1/2	2,390.13	1/2	2,075.85	1/2	1,761.56	1/2	1,447.28
3/4		3/4		3/4		3/4	3,326.44	3/4	3,012.15	3/4	2,697.87	3/4	2,383.58	3/4	2,069.30	3/4	1,755.01	3/4	1,440.73
6		6		6		6	3,319.89	6	3,005.61	6	2,691.32	6	2,377.04	6	2,062.75	6	1,748.47	6	1,434.18
1/4		1/4		1/4		1/4	3,313.34	1/4	2,999.06	1/4	2,684.77	1/4	2,370.49	1/4	2,056.20	1/4	1,741.92	1/4	1,427.63
1/2		1/2		1/2		1/2	3,306.80	1/2	2,992.51	1/2	2,678.23	1/2	2,363.94	1/2	2,049.66	1/2	1,735.37	1/2	1,421.09
3/4		3/4		3/4		3/4	3,300.25	3/4	2,985.96	3/4	2,671.68	3/4	2,357.39	3/4	2,043.11	3/4	1,728.82	3/4	1,414.54
7		7		7		7	3,293.70	7	2,979.42	7	2,665.13	7	2,350.85	7	2,036.56	7	1,722.28	7	1,407.99
1/4		1/4		1/4		1/4	3,287.15	1/4	2,972.87	1/4	2,658.58	1/4	2,344.30	1/4	2,030.01	1/4	1,715.73	1/4	1,401.44
1/2		1/2		1/2		1/2	3,280.61	1/2	2,966.32	1/2	2,652.04	1/2	2,337.75	1/2	2,023.47	1/2	1,709.18	1/2	1,394.90
3/4		3/4		3/4		3/4	3,274.06	3/4	2,959.77	3/4	2,645.49	3/4	2,331.20	3/4	2,016.92	3/4	1,702.63	3/4	1,388.35
8		8		8		8	3,267.51	8	2,953.23	8	2,638.94	8	2,324.66	8	2,010.37	8	1,696.09	8	1,381.80
1/4		1/4		1/4		1/4	3,260.96	1/4	2,946.68	1/4	2,632.39	1/4	2,318.11	1/4	2,003.82	1/4	1,689.54	1/4	1,375.25
1/2		1/2		1/2		1/2	3,254.42	1/2	2,940.13	1/2	2,625.85	1/2	2,311.56	1/2	1,997.28	1/2	1,682.99	1/2	1,368.71
3/4		3/4		3/4		3/4	3,247.87	3/4	2,933.58	3/4	2,619.30	3/4	2,305.01	3/4	1,990.73	3/4	1,676.44	3/4	1,362.16
9		9		9		9	3,241.32	9	2,927.04	9	2,612.75	9	2,298.47	9	1,984.18	9	1,669.90	9	1,355.61
1/4		1/4		1/4		1/4	3,234.77	1/4	2,920.49	1/4	2,606.20	1/4	2,291.92	1/4	1,977.63	1/4	1,663.35	1/4	1,349.06
1/2		1/2		1/2		1/2	3,228.22	1/2	2,913.94	1/2	2,599.66	1/2	2,285.37	1/2	1,971.09	1/2	1,656.80	1/2	1,342.52
3/4		3/4		3/4		3/4	3,221.68	3/4	2,907.39	3/4	2,593.11	3/4	2,278.82	3/4	1,964.54	3/4	1,650.25	3/4	1,335.97
10		10		10		10	3,215.13	10	2,900.84	10	2,586.56	10	2,272.28	10	1,957.99	10	1,643.71	10	1,329.42
1/4		1/4		1/4		1/4	3,208.58	1/4	2,894.30	1/4	2,580.01	1/4	2,265.73	1/4	1,951.44	1/4	1,637.16	1/4	1,322.87
1/2		1/2		1/2		1/2	3,202.03	1/2	2,887.75	1/2	2,573.46	1/2	2,259.18	1/2	1,944.90	1/2	1,630.61	1/2	1,316.33
3/4		3/4		3/4		3/4	3,195.49	3/4	2,881.20	3/4	2,566.92	3/4	2,252.63	3/4	1,938.35	3/4	1,624.06	3/4	1,309.78
11		11		11		11	3,188.94	11	2,874.65	11	2,560.37	11	2,246.08	11	1,931.80	11	1,617.52	11	1,303.23
1/4		1/4		1/4		1/4	3,182.39	1/4	2,868.11	1/4	2,553.82	1/4	2,239.54	1/4	1,925.25	1/4	1,610.97	1/4	1,296.68
1/2		1/2		1/2		1/2	3,175.84	1/2	2,861.56	1/2	2,547.27	1/2	2,232.99	1/2	1,918.70	1/2	1,604.42	1/2	1,290.14
3/4		3/4		3/4		3/4	3,169.30	3/4	2,855.01	3/4	2,540.73	3/4	2,226.44	3/4	1,912.16	3/4	1,597.87	3/4	1,283.59

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 11'-03" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 20004"

1 STBD

ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00 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	1,277.04	0	962.76	0	648.47	0	334.19	0	34.11	0		0		0		0		0	
1/4	1,270.49	1/4	956.21	1/4	641.92	1/4	327.64	1/4	30.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,263.94	1/2	949.66	1/2	635.38	1/2	321.10	1/2	26.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,257.40	3/4	943.11	3/4	628.83	3/4	314.55	3/4	23.75	3/4		3/4		3/4		3/4		3/4	
1	1,250.85	1	936.56	1	622.28	1	308.00	1		1		1		1		1		1	
1/4	1,244.30	1/4	930.02	1/4	615.73	1/4	301.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,237.75	1/2	923.47	1/2	609.18	1/2	294.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,231.21	3/4	916.92	3/4	602.64	3/4	288.36	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,224.66	2	910.37	2	596.09	2	281.81	2		2		2		2		2		2	
1/4	1,218.11	1/4	903.83	1/4	589.54	1/4	275.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,211.56	1/2	897.28	1/2	582.99	1/2	268.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,205.02	3/4	890.73	3/4	576.45	3/4	262.17	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,198.47	3	884.18	3	569.90	3	255.62	3		3		3		3		3		3	
1/4	1,191.92	1/4	877.64	1/4	563.35	1/4	249.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,185.37	1/2	871.09	1/2	556.80	1/2	242.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,178.83	3/4	864.54	3/4	550.26	3/4	235.98	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,172.28	4	857.99	4	543.71	4	229.43	4		4		4		4		4		4	
1/4	1,165.73	1/4	851.45	1/4	537.16	1/4	222.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,159.18	1/2	844.90	1/2	530.61	1/2	216.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,152.64	3/4	838.35	3/4	524.07	3/4	209.79	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,146.09	5	831.80	5	517.52	5	203.24	5		5		5		5		5		5	
1/4	1,139.54	1/4	825.26	1/4	510.97	1/4	196.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,132.99	1/2	818.71	1/2	504.42	1/2	190.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,126.45	3/4	812.16	3/4	497.88	3/4	183.60	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,119.90	6	805.61	6	491.33	6	177.05	6		6		6		6		6		6	
1/4	1,113.35	1/4	799.07	1/4	484.78	1/4	170.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,106.80	1/2	792.52	1/2	478.23	1/2	163.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,100.25	3/4	785.97	3/4	471.69	3/4	157.41	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,093.71	7	779.42	7	465.14	7	150.86	7		7		7		7		7		7	
1/4	1,087.16	1/4	772.87	1/4	458.59	1/4	144.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,080.61	1/2	766.33	1/2	452.04	1/2	137.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,074.06	3/4	759.78	3/4	445.50	3/4	131.22	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,067.52	8	753.23	8	438.95	8	124.67	8		8		8		8		8		8	
1/4	1,060.97	1/4	746.68	1/4	432.40	1/4	118.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,054.42	1/2	740.14	1/2	425.85	1/2	111.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,047.87	3/4	733.59	3/4	419.31	3/4	105.03	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,041.33	9	727.04	9	412.76	9	98.48	9		9		9		9		9		9	
1/4	1,034.78	1/4	720.49	1/4	406.21	1/4	91.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,028.23	1/2	713.95	1/2	399.67	1/2	85.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,021.68	3/4	707.40	3/4	393.12	3/4	79.39	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,015.14	10	700.85	10	386.57	10	73.39	10		10		10		10		10		10	
1/4	1,008.59	1/4	694.30	1/4	380.02	1/4	67.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,002.04	1/2	687.76	1/2	373.48	1/2	61.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	995.49	3/4	681.21	3/4	366.93	3/4	56.48	3/4		3/4		3/4		3/4		3/4		3/4	
11	988.95	11	674.66	11	360.38	11	51.57	11		11		11		11		11		11	
1/4	982.40	1/4	668.11	1/4	353.83	1/4	46.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	975.85	1/2	661.57	1/2	347.29	1/2	41.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	969.30	3/4	655.02	3/4	340.74	3/4	37.93	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/1981 SI
DECK MEASUREMENTS: 05/23/2008 SW
REPRINTED: 05/23/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 20004"

2 PORT
ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,209.66	0	2,889.39	0	2,569.11	0	2,248.84	0	1,928.56	0	1,608.29
1/4		1/4		1/4		1/4	3,499.33	1/4	3,202.99	1/4	2,882.72	1/4	2,562.44	1/4	2,242.17	1/4	1,921.89	1/4	1,601.62
1/2		1/2		1/2		1/2	3,496.55	1/2	3,196.32	1/2	2,876.04	1/2	2,555.77	1/2	2,235.49	1/2	1,915.22	1/2	1,594.94
3/4		3/4		3/4		3/4	3,492.66	3/4	3,189.65	3/4	2,869.37	3/4	2,549.10	3/4	2,228.82	3/4	1,908.55	3/4	1,588.27
1		1		1		1	3,488.77	1	3,182.98	1	2,862.70	1	2,542.42	1	2,222.16	1	1,901.87	1	1,581.60
1/4		1/4		1/4		1/4	3,484.88	1/4	3,176.30	1/4	2,856.03	1/4	2,535.75	1/4	2,216.48	1/4	1,895.20	1/4	1,574.93
1/2		1/2		1/2		1/2	3,480.98	1/2	3,169.63	1/2	2,849.36	1/2	2,529.08	1/2	2,208.80	1/2	1,888.53	1/2	1,568.25
3/4		3/4		3/4		3/4	3,475.98	3/4	3,162.96	3/4	2,842.68	3/4	2,522.41	3/4	2,202.13	3/4	1,881.86	3/4	1,561.58
2		2		2		2	3,470.98	2	3,156.29	2	2,836.01	2	2,515.74	2	2,195.46	2	1,875.18	2	1,554.91
1/4		1/4		1/4		1/4	3,465.97	1/4	3,149.61	1/4	2,829.34	1/4	2,509.06	1/4	2,188.79	1/4	1,868.51	1/4	1,548.24
1/2		1/2		1/2		1/2	3,460.97	1/2	3,142.94	1/2	2,822.67	1/2	2,502.39	1/2	2,182.12	1/2	1,861.84	1/2	1,541.56
3/4		3/4		3/4		3/4	3,454.86	3/4	3,136.27	3/4	2,815.99	3/4	2,495.72	3/4	2,175.44	3/4	1,855.17	3/4	1,534.89
3		3		3		3	3,448.74	3	3,129.60	3	2,809.32	3	2,489.05	3	2,168.77	3	1,848.50	3	1,528.22
1/4		1/4		1/4		1/4	3,442.62	1/4	3,122.92	1/4	2,802.65	1/4	2,482.37	1/4	2,162.10	1/4	1,841.82	1/4	1,521.55
1/2		1/2		1/2		1/2	3,436.51	1/2	3,116.25	1/2	2,795.98	1/2	2,475.70	1/2	2,155.43	1/2	1,835.15	1/2	1,514.88
3/4		3/4		3/4		3/4	3,429.84	3/4	3,109.58	3/4	2,789.30	3/4	2,469.03	3/4	2,148.75	3/4	1,828.48	3/4	1,508.20
4		4		4		4	3,423.17	4	3,102.91	4	2,782.63	4	2,462.36	4	2,142.08	4	1,821.81	4	1,501.53
1/4		1/4		1/4		1/4	3,416.49	1/4	3,096.23	1/4	2,775.96	1/4	2,455.68	1/4	2,135.41	1/4	1,815.13	1/4	1,494.86
1/2		1/2		1/2		1/2	3,409.82	1/2	3,089.56	1/2	2,769.29	1/2	2,449.01	1/2	2,128.74	1/2	1,808.46	1/2	1,488.19
3/4		3/4		3/4		3/4	3,403.15	3/4	3,082.89	3/4	2,762.61	3/4	2,442.34	3/4	2,122.06	3/4	1,801.79	3/4	1,481.51
5		5		5		5	3,396.48	5	3,076.22	5	2,755.94	5	2,435.67	5	2,115.39	5	1,795.12	5	1,474.84
1/4		1/4		1/4		1/4	3,389.81	1/4	3,069.54	1/4	2,749.27	1/4	2,428.99	1/4	2,108.72	1/4	1,788.44	1/4	1,468.17
1/2		1/2		1/2		1/2	3,383.13	1/2	3,062.87	1/2	2,742.60	1/2	2,422.32	1/2	2,102.05	1/2	1,781.77	1/2	1,461.50
3/4		3/4		3/4		3/4	3,376.46	3/4	3,056.20	3/4	2,735.92	3/4	2,415.65	3/4	2,095.37	3/4	1,775.10	3/4	1,454.82
6		6		6		6	3,369.79	6	3,049.53	6	2,729.25	6	2,408.98	6	2,088.70	6	1,768.43	6	1,448.15
1/4		1/4		1/4		1/4	3,363.12	1/4	3,042.85	1/4	2,722.58	1/4	2,402.30	1/4	2,082.03	1/4	1,761.75	1/4	1,441.48
1/2		1/2		1/2		1/2	3,356.45	1/2	3,036.18	1/2	2,715.91	1/2	2,395.63	1/2	2,075.36	1/2	1,755.08	1/2	1,434.81
3/4		3/4		3/4		3/4	3,349.77	3/4	3,029.51	3/4	2,709.23	3/4	2,388.96	3/4	2,068.68	3/4	1,748.41	3/4	1,428.13
7		7		7		7	3,343.10	7	3,022.84	7	2,702.58	7	2,382.29	7	2,062.01	7	1,741.74	7	1,421.46
1/4		1/4		1/4		1/4	3,336.43	1/4	3,016.17	1/4	2,695.89	1/4	2,375.61	1/4	2,055.34	1/4	1,735.06	1/4	1,414.79
1/2		1/2		1/2		1/2	3,329.76	1/2	3,009.49	1/2	2,689.22	1/2	2,368.94	1/2	2,048.67	1/2	1,728.39	1/2	1,408.12
3/4		3/4		3/4		3/4	3,323.09	3/4	3,002.82	3/4	2,682.55	3/4	2,362.27	3/4	2,041.99	3/4	1,721.72	3/4	1,401.44
8		8		8		8	3,316.41	8	2,996.15	8	2,675.87	8	2,355.60	8	2,035.32	8	1,715.05	8	1,394.77
1/4		1/4		1/4		1/4	3,309.74	1/4	2,989.48	1/4	2,669.20	1/4	2,348.93	1/4	2,028.65	1/4	1,708.37	1/4	1,388.10
1/2		1/2		1/2		1/2	3,303.07	1/2	2,982.80	1/2	2,662.53	1/2	2,342.25	1/2	2,021.98	1/2	1,701.70	1/2	1,381.43
3/4		3/4		3/4		3/4	3,296.40	3/4	2,976.13	3/4	2,655.86	3/4	2,335.58	3/4	2,015.31	3/4	1,695.03	3/4	1,374.75
9		9		9		9	3,289.73	9	2,969.46	9	2,649.18	9	2,328.91	9	2,008.63	9	1,688.36	9	1,368.08
1/4		1/4		1/4		1/4	3,283.06	1/4	2,962.79	1/4	2,642.51	1/4	2,322.24	1/4	2,001.96	1/4	1,681.69	1/4	1,361.41
1/2		1/2		1/2		1/2	3,276.38	1/2	2,956.11	1/2	2,635.84	1/2	2,315.56	1/2	1,995.29	1/2	1,675.01	1/2	1,354.74
3/4		3/4		3/4		3/4	3,269.71	3/4	2,949.44	3/4	2,629.17	3/4	2,308.89	3/4	1,988.62	3/4	1,668.34	3/4	1,348.07
10		10		10		10	3,263.04	10	2,942.77	10	2,622.49	10	2,302.22	10	1,981.94	10	1,661.67	10	1,341.39
1/4		1/4		1/4		1/4	3,256.37	1/4	2,936.10	1/4	2,615.82	1/4	2,295.55	1/4	1,975.27	1/4	1,655.00	1/4	1,334.72
1/2		1/2		1/2		1/2	3,249.70	1/2	2,929.42	1/2	2,609.15	1/2	2,288.87	1/2	1,968.60	1/2	1,648.32	1/2	1,328.05
3/4		3/4		3/4		3/4	3,243.02	3/4	2,922.75	3/4	2,602.48	3/4	2,282.20	3/4	1,961.93	3/4	1,641.65	3/4	1,321.38
11		11		11		11	3,236.35	11	2,916.08	11	2,595.80	11	2,275.53	11	1,955.25	11	1,634.98	11	1,314.70
1/4		1/4		1/4		1/4	3,229.68	1/4	2,909.41	1/4	2,589.13	1/4	2,268.86	1/4	1,948.58	1/4	1,628.31	1/4	1,308.03
1/2		1/2		1/2		1/2	3,223.01	1/2	2,902.73	1/2	2,582.46	1/2	2,262.18	1/2	1,941.91	1/2	1,621.63	1/2	1,301.36
3/4		3/4		3/4		3/4	3,216.34	3/4	2,896.06	3/4	2,575.79	3/4	2,255.51	3/4	1,935.24	3/4	1,614.96	3/4	1,294.69

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 10'-09" OFF CENTERLINE AND 39'-09" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 20004"

2 PORT
ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-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	1,288.01	0	967.74	0	647.46	0	327.22	0	26.98	0		0		0		0		0	
1/4	1,281.34	1/4	961.07	1/4	640.79	1/4	320.55	1/4	24.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,274.67	1/2	954.39	1/2	634.12	1/2	313.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,268.00	3/4	947.72	3/4	627.45	3/4	307.20	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,261.32	1	941.05	1	620.77	1	300.53	1		1		1		1		1		1	
1/4	1,254.65	1/4	934.38	1/4	614.10	1/4	293.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,247.98	1/2	927.70	1/2	607.43	1/2	287.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,241.31	3/4	921.03	3/4	600.76	3/4	280.52	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,234.63	2	914.36	2	594.08	2	273.85	2		2		2		2		2		2	
1/4	1,227.96	1/4	907.69	1/4	587.41	1/4	267.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,221.29	1/2	901.01	1/2	580.74	1/2	260.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,214.62	3/4	894.34	3/4	574.07	3/4	253.83	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,207.94	3	887.67	3	567.39	3	247.16	3		3		3		3		3		3	
1/4	1,201.27	1/4	881.00	1/4	560.72	1/4	240.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,194.60	1/2	874.32	1/2	554.05	1/2	233.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,187.93	3/4	867.65	3/4	547.38	3/4	227.14	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,181.26	4	860.98	4	540.70	4	220.47	4		4		4		4		4		4	
1/4	1,174.58	1/4	854.31	1/4	534.03	1/4	213.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,167.91	1/2	847.64	1/2	527.36	1/2	207.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,161.24	3/4	840.96	3/4	520.69	3/4	200.45	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,154.57	5	834.29	5	514.02	5	193.78	5		5		5		5		5		5	
1/4	1,147.89	1/4	827.62	1/4	507.35	1/4	187.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,141.22	1/2	820.95	1/2	500.67	1/2	180.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,134.55	3/4	814.27	3/4	494.00	3/4	173.76	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,127.88	6	807.60	6	487.33	6	167.09	6		6		6		6		6		6	
1/4	1,121.20	1/4	800.93	1/4	480.66	1/4	160.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,114.53	1/2	794.26	1/2	473.99	1/2	153.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,107.86	3/4	787.58	3/4	467.32	3/4	147.07	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,101.19	7	780.91	7	460.65	7	140.40	7		7		7		7		7		7	
1/4	1,094.51	1/4	774.24	1/4	453.97	1/4	133.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,087.84	1/2	767.57	1/2	447.30	1/2	127.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,081.17	3/4	760.89	3/4	440.63	3/4	120.38	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,074.50	8	754.22	8	433.96	8	113.71	8		8		8		8		8		8	
1/4	1,067.82	1/4	747.55	1/4	427.29	1/4	107.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,061.15	1/2	740.88	1/2	420.62	1/2	100.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,054.48	3/4	734.20	3/4	413.95	3/4	93.69	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,047.81	9	727.53	9	407.27	9	87.02	9		9		9		9		9		9	
1/4	1,041.13	1/4	720.86	1/4	400.60	1/4	80.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,034.46	1/2	714.19	1/2	393.93	1/2	74.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,027.79	3/4	707.51	3/4	387.26	3/4	68.68	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,021.12	10	700.84	10	380.59	10	62.56	10		10		10		10		10		10	
1/4	1,014.45	1/4	694.17	1/4	373.92	1/4	57.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,007.77	1/2	687.50	1/2	367.25	1/2	52.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,001.10	3/4	680.83	3/4	360.57	3/4	47.55	3/4		3/4		3/4		3/4		3/4		3/4	
11	994.43	11	674.15	11	353.90	11	42.55	11		11		11		11		11		11	
1/4	987.76	1/4	667.48	1/4	347.23	1/4	38.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	981.08	1/2	660.81	1/2	340.56	1/2	34.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	974.41	3/4	654.14	3/4	333.89	3/4	30.87	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/1981 SI
DECK MEASUREMENTS: 05/23/2008 SW
REPRINTED: 05/23/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

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

BARGE "KIRBY 20004"

2 STBD

ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	3,434.87	0	3,142.52	0	2,828.61	0	2,514.71	0	2,200.82	0	1,886.92	0	1,573.03
1/4		1/4		1/4		1/4	3,431.60	1/4	3,135.97	1/4	2,822.07	1/4	2,508.17	1/4	2,194.28	1/4	1,880.38	1/4	1,566.49
1/2		1/2		1/2		1/2	3,427.78	1/2	3,129.43	1/2	2,815.53	1/2	2,501.63	1/2	2,187.74	1/2	1,873.84	1/2	1,559.95
3/4		3/4		3/4		3/4	3,423.97	3/4	3,122.89	3/4	2,808.99	3/4	2,495.09	3/4	2,181.20	3/4	1,867.30	3/4	1,553.41
1		1		1		1	3,420.16	1	3,116.36	1	2,802.45	1	2,488.56	1	2,174.66	1	1,860.76	1	1,546.87
1/4		1/4		1/4		1/4	3,415.80	1/4	3,109.81	1/4	2,795.91	1/4	2,482.02	1/4	2,168.12	1/4	1,854.22	1/4	1,540.33
1/2		1/2		1/2		1/2	3,410.89	1/2	3,103.27	1/2	2,789.37	1/2	2,475.48	1/2	2,161.58	1/2	1,847.68	1/2	1,533.79
3/4		3/4		3/4		3/4	3,405.99	3/4	3,096.73	3/4	2,782.83	3/4	2,468.94	3/4	2,155.04	3/4	1,841.14	3/4	1,527.25
2		2		2		2	3,401.09	2	3,090.19	2	2,776.29	2	2,462.40	2	2,148.50	2	1,834.61	2	1,520.71
1/4		1/4		1/4		1/4	3,395.64	1/4	3,083.65	1/4	2,769.75	1/4	2,455.86	1/4	2,141.96	1/4	1,828.07	1/4	1,514.17
1/2		1/2		1/2		1/2	3,389.64	1/2	3,077.11	1/2	2,763.21	1/2	2,449.32	1/2	2,135.42	1/2	1,821.53	1/2	1,507.63
3/4		3/4		3/4		3/4	3,383.65	3/4	3,070.57	3/4	2,756.67	3/4	2,442.78	3/4	2,128.88	3/4	1,814.99	3/4	1,501.09
3		3		3		3	3,377.66	3	3,064.03	3	2,750.14	3	2,436.24	3	2,122.34	3	1,808.45	3	1,494.55
1/4		1/4		1/4		1/4	3,371.39	1/4	3,057.49	1/4	2,743.60	1/4	2,429.70	1/4	2,115.80	1/4	1,801.91	1/4	1,488.01
1/2		1/2		1/2		1/2	3,364.85	1/2	3,050.95	1/2	2,737.06	1/2	2,423.16	1/2	2,109.26	1/2	1,795.37	1/2	1,481.47
3/4		3/4		3/4		3/4	3,358.31	3/4	3,044.41	3/4	2,730.52	3/4	2,416.62	3/4	2,102.72	3/4	1,788.83	3/4	1,474.93
4		4		4		4	3,351.77	4	3,037.87	4	2,723.98	4	2,410.08	4	2,096.19	4	1,782.29	4	1,468.39
1/4		1/4		1/4		1/4	3,345.23	1/4	3,031.33	1/4	2,717.44	1/4	2,403.54	1/4	2,089.65	1/4	1,775.75	1/4	1,461.85
1/2		1/2		1/2		1/2	3,338.70	1/2	3,024.79	1/2	2,710.90	1/2	2,397.00	1/2	2,083.11	1/2	1,769.21	1/2	1,455.31
3/4		3/4		3/4		3/4	3,332.16	3/4	3,018.25	3/4	2,704.36	3/4	2,390.46	3/4	2,076.57	3/4	1,762.67	3/4	1,448.77
5		5		5		5	3,325.62	5	3,011.72	5	2,697.82	5	2,383.92	5	2,070.03	5	1,756.13	5	1,442.24
1/4		1/4		1/4		1/4	3,319.08	1/4	3,005.18	1/4	2,691.28	1/4	2,377.38	1/4	2,063.49	1/4	1,749.59	1/4	1,435.70
1/2		1/2		1/2		1/2	3,312.54	1/2	2,998.64	1/2	2,684.74	1/2	2,370.84	1/2	2,056.95	1/2	1,743.05	1/2	1,429.16
3/4		3/4		3/4		3/4	3,306.00	3/4	2,992.10	3/4	2,678.20	3/4	2,364.30	3/4	2,050.41	3/4	1,736.51	3/4	1,422.62
6		6		6		6	3,299.46	6	2,985.56	6	2,671.66	6	2,357.77	6	2,043.87	6	1,729.97	6	1,416.08
1/4		1/4		1/4		1/4	3,292.92	1/4	2,979.02	1/4	2,665.12	1/4	2,351.23	1/4	2,037.33	1/4	1,723.43	1/4	1,409.54
1/2		1/2		1/2		1/2	3,286.38	1/2	2,972.48	1/2	2,658.58	1/2	2,344.69	1/2	2,030.79	1/2	1,716.89	1/2	1,403.00
3/4		3/4		3/4		3/4	3,279.84	3/4	2,965.94	3/4	2,652.04	3/4	2,338.15	3/4	2,024.25	3/4	1,710.35	3/4	1,396.46
7		7		7		7	3,273.30	7	2,959.40	7	2,645.50	7	2,331.61	7	2,017.71	7	1,703.82	7	1,389.92
1/4		1/4		1/4		1/4	3,266.76	1/4	2,952.86	1/4	2,638.96	1/4	2,325.07	1/4	2,011.17	1/4	1,697.28	1/4	1,383.38
1/2		1/2		1/2		1/2	3,260.22	1/2	2,946.32	1/2	2,632.42	1/2	2,318.53	1/2	2,004.63	1/2	1,690.74	1/2	1,376.84
3/4		3/4		3/4		3/4	3,253.68	3/4	2,939.78	3/4	2,625.88	3/4	2,311.99	3/4	1,998.09	3/4	1,684.20	3/4	1,370.30
8		8		8		8	3,247.15	8	2,933.24	8	2,619.35	8	2,305.45	8	1,991.55	8	1,677.66	8	1,363.76
1/4		1/4		1/4		1/4	3,240.61	1/4	2,926.70	1/4	2,612.81	1/4	2,298.91	1/4	1,985.01	1/4	1,671.12	1/4	1,357.22
1/2		1/2		1/2		1/2	3,234.07	1/2	2,920.16	1/2	2,606.27	1/2	2,292.37	1/2	1,978.47	1/2	1,664.58	1/2	1,350.68
3/4		3/4		3/4		3/4	3,227.53	3/4	2,913.62	3/4	2,599.73	3/4	2,285.83	3/4	1,971.93	3/4	1,658.04	3/4	1,344.14
9		9		9		9	3,220.99	9	2,907.08	9	2,593.19	9	2,279.29	9	1,965.40	9	1,651.50	9	1,337.60
1/4		1/4		1/4		1/4	3,214.45	1/4	2,900.54	1/4	2,586.65	1/4	2,272.75	1/4	1,958.86	1/4	1,644.96	1/4	1,331.06
1/2		1/2		1/2		1/2	3,207.91	1/2	2,894.00	1/2	2,580.11	1/2	2,266.21	1/2	1,952.32	1/2	1,638.42	1/2	1,324.52
3/4		3/4		3/4		3/4	3,201.37	3/4	2,887.46	3/4	2,573.57	3/4	2,259.67	3/4	1,945.78	3/4	1,631.88	3/4	1,317.98
10		10		10		10	3,194.83	10	2,880.93	10	2,567.03	10	2,253.13	10	1,939.24	10	1,625.34	10	1,311.45
1/4		1/4		1/4		1/4	3,188.29	1/4	2,874.39	1/4	2,560.49	1/4	2,246.59	1/4	1,932.70	1/4	1,618.80	1/4	1,304.91
1/2		1/2		1/2		1/2	3,181.75	1/2	2,867.85	1/2	2,553.95	1/2	2,240.05	1/2	1,926.16	1/2	1,612.26	1/2	1,298.37
3/4		3/4		3/4		3/4	3,175.21	3/4	2,861.31	3/4	2,547.41	3/4	2,233.51	3/4	1,919.62	3/4	1,605.72	3/4	1,291.83
11		11		11		11	3,168.67	11	2,854.77	11	2,540.87	11	2,226.98	11	1,913.08	11	1,599.18	11	1,285.29
1/4		1/4		1/4		1/4	3,162.13	1/4	2,848.23	1/4	2,534.33	1/4	2,220.44	1/4	1,906.54	1/4	1,592.64	1/4	1,278.75
1/2		1/2		1/2		1/2	3,155.60	1/2	2,841.69	1/2	2,527.79	1/2	2,213.90	1/2	1,900.00	1/2	1,586.10	1/2	1,272.21
3/4		3/4		7/8	3,436.23	3/4	3,149.06	3/4	2,835.15	3/4	2,521.25	3/4	2,207.36	3/4	1,893.46	3/4	1,579.56	3/4	1,265.67

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 11'-03" OFF CENTERLINE AND 39'-09" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 20004"

2 STBD

ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-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	1,259.13	0	945.23	0	631.34	0	317.44	0	25.08	0		0		0		0		0	
1/4	1,252.59	1/4	938.69	1/4	624.80	1/4	310.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,246.05	1/2	932.15	1/2	618.26	1/2	304.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,239.51	3/4	925.61	3/4	611.72	3/4	297.82	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,232.97	1	919.08	1	605.18	1	291.28	1		1		1		1		1		1	
1/4	1,226.43	1/4	912.54	1/4	598.64	1/4	284.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,219.89	1/2	906.00	1/2	592.10	1/2	278.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,213.35	3/4	899.46	3/4	585.56	3/4	271.66	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,206.81	2	892.92	2	579.02	2	265.13	2		2		2		2		2		2	
1/4	1,200.27	1/4	886.38	1/4	572.48	1/4	258.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,193.73	1/2	879.84	1/2	565.94	1/2	252.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,187.19	3/4	873.30	3/4	559.40	3/4	245.51	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,180.66	3	866.76	3	552.86	3	238.97	3		3		3		3		3		3	
1/4	1,174.12	1/4	860.22	1/4	546.32	1/4	232.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,167.58	1/2	853.68	1/2	539.78	1/2	225.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,161.04	3/4	847.14	3/4	533.24	3/4	219.35	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,154.50	4	840.60	4	526.71	4	212.81	4		4		4		4		4		4	
1/4	1,147.96	1/4	834.06	1/4	520.17	1/4	206.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,141.42	1/2	827.52	1/2	513.63	1/2	199.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,134.88	3/4	820.98	3/4	507.09	3/4	193.19	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,128.34	5	814.44	5	500.55	5	186.65	5		5		5		5		5		5	
1/4	1,121.80	1/4	807.90	1/4	494.01	1/4	180.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,115.26	1/2	801.36	1/2	487.47	1/2	173.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,108.72	3/4	794.82	3/4	480.93	3/4	167.03	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,102.18	6	788.29	6	474.39	6	160.49	6		6		6		6		6		6	
1/4	1,095.64	1/4	781.75	1/4	467.85	1/4	153.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,089.10	1/2	775.21	1/2	461.31	1/2	147.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,082.56	3/4	768.67	3/4	454.77	3/4	140.87	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,076.02	7	762.13	7	448.23	7	134.34	7		7		7		7		7		7	
1/4	1,069.48	1/4	755.59	1/4	441.69	1/4	127.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,062.94	1/2	749.05	1/2	435.15	1/2	121.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,056.40	3/4	742.51	3/4	428.61	3/4	114.72	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,049.87	8	735.97	8	422.07	8	108.18	8		8		8		8		8		8	
1/4	1,043.33	1/4	729.43	1/4	415.53	1/4	101.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,036.79	1/2	722.89	1/2	408.99	1/2	95.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,030.25	3/4	716.35	3/4	402.45	3/4	88.56	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,023.71	9	709.81	9	395.92	9	82.29	9		9		9		9		9		9	
1/4	1,017.17	1/4	703.27	1/4	389.38	1/4	76.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,010.63	1/2	696.73	1/2	382.84	1/2	70.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,004.09	3/4	690.19	3/4	376.30	3/4	64.31	3/4		3/4		3/4		3/4		3/4		3/4	
10	997.55	10	683.65	10	369.76	10	58.86	10		10		10		10		10		10	
1/4	991.01	1/4	677.11	1/4	363.22	1/4	53.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	984.47	1/2	670.57	1/2	356.68	1/2	49.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	977.93	3/4	664.03	3/4	350.14	3/4	44.15	3/4		3/4		3/4		3/4		3/4		3/4	
11	971.39	11	657.50	11	343.60	11	39.79	11		11		11		11		11		11	
1/4	964.85	1/4	650.96	1/4	337.06	1/4	35.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	958.31	1/2	644.42	1/2	330.52	1/2	32.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	951.77	3/4	637.88	3/4	323.98	3/4	28.35	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/1981 SI
DECK MEASUREMENTS: 05/23/2008 SW
REPRINTED: 05/23/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

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

BARGE "KIRBY 20004"

3 PORT
ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00 1/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	3,463.54	0	3,168.62	0	2,854.88	0	2,538.12	0	2,221.35	0	1,904.58	0	1,587.82
1/4		1/4		1/4		1/4	3,459.90	1/4	3,162.09	1/4	2,848.28	1/4	2,531.52	1/4	2,214.75	1/4	1,897.98	1/4	1,581.22
1/2		1/2		1/2		1/2	3,456.12	1/2	3,155.56	1/2	2,841.68	1/2	2,524.92	1/2	2,208.15	1/2	1,891.38	1/2	1,574.62
3/4		3/4		3/4		3/4	3,452.20	3/4	3,149.03	3/4	2,835.08	3/4	2,518.32	3/4	2,201.55	3/4	1,884.78	3/4	1,568.02
1		1		1		1	3,447.88	1	3,142.50	1	2,828.48	1	2,511.72	1	2,194.95	1	1,878.19	1	1,561.42
1/4		1/4		1/4		1/4	3,443.14	1/4	3,135.96	1/4	2,821.89	1/4	2,505.12	1/4	2,188.35	1/4	1,871.59	1/4	1,554.82
1/2		1/2		1/2		1/2	3,438.26	1/2	3,129.43	1/2	2,815.29	1/2	2,498.52	1/2	2,181.75	1/2	1,864.99	1/2	1,548.22
3/4		3/4		3/4		3/4	3,433.24	3/4	3,122.90	3/4	2,808.69	3/4	2,491.92	3/4	2,175.15	3/4	1,858.39	3/4	1,541.62
2		2		2		2	3,427.81	2	3,116.37	2	2,802.09	2	2,485.32	2	2,168.55	2	1,851.79	2	1,535.02
1/4		1/4		1/4		1/4	3,421.97	1/4	3,109.84	1/4	2,795.49	1/4	2,478.72	1/4	2,161.96	1/4	1,845.19	1/4	1,528.42
1/2		1/2		1/2		1/2	3,415.99	1/2	3,103.31	1/2	2,788.89	1/2	2,472.12	1/2	2,155.36	1/2	1,838.59	1/2	1,521.82
3/4		3/4		3/4		3/4	3,409.94	3/4	3,096.78	3/4	2,782.29	3/4	2,465.52	3/4	2,148.76	3/4	1,831.99	3/4	1,515.22
3		3		3		3	3,403.68	3	3,090.24	3	2,775.69	3	2,458.92	3	2,142.16	3	1,825.39	3	1,508.62
1/4		1/4		1/4		1/4	3,397.22	1/4	3,083.71	1/4	2,769.09	1/4	2,452.32	1/4	2,135.56	1/4	1,818.79	1/4	1,502.03
1/2		1/2		1/2		1/2	3,390.69	1/2	3,077.18	1/2	2,762.49	1/2	2,445.72	1/2	2,128.96	1/2	1,812.19	1/2	1,495.43
3/4		3/4		3/4		3/4	3,384.16	3/4	3,070.65	3/4	2,755.89	3/4	2,439.13	3/4	2,122.36	3/4	1,805.59	3/4	1,488.83
4		4		4		4	3,377.63	4	3,064.12	4	2,749.29	4	2,432.53	4	2,115.76	4	1,798.99	4	1,482.23
1/4		1/4		1/4		1/4	3,371.09	1/4	3,057.59	1/4	2,742.69	1/4	2,425.93	1/4	2,109.16	1/4	1,792.39	1/4	1,475.63
1/2		1/2		1/2		1/2	3,364.56	1/2	3,051.06	1/2	2,736.09	1/2	2,419.33	1/2	2,102.56	1/2	1,785.79	1/2	1,469.03
3/4		3/4		3/4		3/4	3,358.03	3/4	3,044.52	3/4	2,729.49	3/4	2,412.73	3/4	2,095.96	3/4	1,779.20	3/4	1,462.43
5		5		5		5	3,351.50	5	3,037.99	5	2,722.90	5	2,406.13	5	2,089.36	5	1,772.60	5	1,455.83
1/4		1/4		1/4		1/4	3,344.97	1/4	3,031.46	1/4	2,716.30	1/4	2,399.53	1/4	2,082.76	1/4	1,766.00	1/4	1,449.23
1/2		1/2		1/2		1/2	3,338.44	1/2	3,024.93	1/2	2,709.70	1/2	2,392.93	1/2	2,076.16	1/2	1,759.40	1/2	1,442.63
3/4		3/4		3/4		3/4	3,331.91	3/4	3,018.40	3/4	2,703.10	3/4	2,386.33	3/4	2,069.56	3/4	1,752.80	3/4	1,436.03
6		6		6		6	3,325.37	6	3,011.87	6	2,696.50	6	2,379.73	6	2,062.97	6	1,746.20	6	1,429.43
1/4		1/4		1/4		1/4	3,318.84	1/4	3,005.34	1/4	2,689.90	1/4	2,373.13	1/4	2,056.37	1/4	1,739.60	1/4	1,422.83
1/2		1/2		1/2		1/2	3,312.31	1/2	2,998.80	1/2	2,683.30	1/2	2,366.53	1/2	2,049.77	1/2	1,733.00	1/2	1,416.23
3/4		3/4		3/4		3/4	3,305.78	3/4	2,992.27	3/4	2,676.70	3/4	2,359.93	3/4	2,043.17	3/4	1,726.40	3/4	1,409.63
7		7		7		7	3,299.25	7	2,985.74	7	2,670.10	7	2,353.33	7	2,036.57	7	1,719.80	7	1,403.04
1/4		1/4		1/4		1/4	3,292.72	1/4	2,979.21	1/4	2,663.50	1/4	2,346.74	1/4	2,029.97	1/4	1,713.20	1/4	1,396.44
1/2		1/2		1/2		1/2	3,286.19	1/2	2,972.68	1/2	2,656.90	1/2	2,340.14	1/2	2,023.37	1/2	1,706.60	1/2	1,389.84
3/4		3/4		3/4		3/4	3,279.66	3/4	2,966.15	3/4	2,650.30	3/4	2,333.54	3/4	2,016.77	3/4	1,700.00	3/4	1,383.24
8		8		8		8	3,273.12	8	2,959.62	8	2,643.70	8	2,326.94	8	2,010.17	8	1,693.40	8	1,376.64
1/4		1/4		1/4		1/4	3,266.59	1/4	2,953.09	1/4	2,637.10	1/4	2,320.34	1/4	2,003.57	1/4	1,686.81	1/4	1,370.04
1/2		1/2		1/2		1/2	3,260.06	1/2	2,946.55	1/2	2,630.51	1/2	2,313.74	1/2	1,996.97	1/2	1,680.21	1/2	1,363.44
3/4		3/4		3/4		3/4	3,253.53	3/4	2,940.02	3/4	2,623.91	3/4	2,307.14	3/4	1,990.37	3/4	1,673.61	3/4	1,356.84
9		9		9		9	3,247.00	9	2,933.49	9	2,617.31	9	2,300.54	9	1,983.77	9	1,667.01	9	1,350.24
1/4		1/4		1/4		1/4	3,240.47	1/4	2,926.96	1/4	2,610.71	1/4	2,293.94	1/4	1,977.17	1/4	1,660.41	1/4	1,343.64
1/2		1/2		1/2		1/2	3,233.94	1/2	2,920.43	1/2	2,604.11	1/2	2,287.34	1/2	1,970.58	1/2	1,653.81	1/2	1,337.04
3/4		3/4		3/4		3/4	3,227.40	3/4	2,913.90	3/4	2,597.51	3/4	2,280.74	3/4	1,963.98	3/4	1,647.21	3/4	1,330.44
10		10		10		10	3,220.87	10	2,907.37	10	2,590.91	10	2,274.14	10	1,957.38	10	1,640.61	10	1,323.84
1/4		1/4		1/4		1/4	3,214.34	1/4	2,900.83	1/4	2,584.31	1/4	2,267.54	1/4	1,950.78	1/4	1,634.01	1/4	1,317.24
1/2		1/2		1/2		1/2	3,207.81	1/2	2,894.30	1/2	2,577.71	1/2	2,260.94	1/2	1,944.18	1/2	1,627.41	1/2	1,310.65
3/4		3/4		3/4		3/4	3,201.28	3/4	2,887.77	3/4	2,571.11	3/4	2,254.35	3/4	1,937.58	3/4	1,620.81	3/4	1,304.05
11		11		11		11	3,194.75	11	2,881.23	11	2,564.51	11	2,247.75	11	1,930.98	11	1,614.21	11	1,297.45
1/4		1/4		1/4		1/4	3,188.22	1/4	2,874.67	1/4	2,557.91	1/4	2,241.15	1/4	1,924.38	1/4	1,607.61	1/4	1,290.85
1/2		1/2		5/8	3,468.24	1/2	3,181.68	1/2	2,868.08	1/2	2,551.31	1/2	2,234.55	1/2	1,917.78	1/2	1,601.01	1/2	1,284.25
3/4		3/4		3/4	3,466.76	3/4	3,175.15	3/4	2,861.48	3/4	2,544.71	3/4	2,227.95	3/4	1,911.18	3/4	1,594.42	3/4	1,277.65

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 10'-09" OFF CENTERLINE AND 39'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 20004"

3 PORT
ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00 1/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,271.05	0	954.28	0	637.52	0	320.53	0	25.35	0		0		0		0		0	
1/4	1,264.45	1/4	947.68	1/4	630.92	1/4	313.92	1/8	23.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,257.85	1/2	941.08	1/2	624.32	1/2	307.31	1/2	—	1/2		1/2		1/2		1/2		1/2	
3/4	1,251.25	3/4	934.49	3/4	617.72	3/4	300.71	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,244.65	1	927.89	1	611.12	1	294.10	1		1		1		1		1		1	
1/4	1,238.05	1/4	921.29	1/4	604.52	1/4	287.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,231.45	1/2	914.69	1/2	597.92	1/2	280.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,224.85	3/4	908.09	3/4	591.32	3/4	274.28	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,218.26	2	901.49	2	584.72	2	267.67	2		2		2		2		2		2	
1/4	1,211.66	1/4	894.89	1/4	578.12	1/4	261.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,205.06	1/2	888.29	1/2	571.52	1/2	254.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,198.46	3/4	881.69	3/4	564.92	3/4	247.86	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,191.86	3	875.09	3	558.33	3	241.26	3		3		3		3		3		3	
1/4	1,185.26	1/4	868.49	1/4	551.73	1/4	234.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,178.66	1/2	861.89	1/2	545.13	1/2	228.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,172.06	3/4	855.29	3/4	538.53	3/4	221.47	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,165.46	4	848.69	4	531.93	4	214.87	4		4		4		4		4		4	
1/4	1,158.86	1/4	842.10	1/4	525.33	1/4	208.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,152.26	1/2	835.50	1/2	518.73	1/2	201.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,145.66	3/4	828.90	3/4	512.12	3/4	195.07	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,139.06	5	822.30	5	505.51	5	188.47	5		5		5		5		5		5	
1/4	1,132.46	1/4	815.70	1/4	498.91	1/4	181.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,125.86	1/2	809.10	1/2	492.30	1/2	175.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,119.27	3/4	802.50	3/4	485.69	3/4	168.67	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,112.67	6	795.90	6	479.09	6	162.07	6		6		6		6		6		6	
1/4	1,106.07	1/4	789.30	1/4	472.48	1/4	155.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,099.47	1/2	782.70	1/2	465.87	1/2	148.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,092.87	3/4	776.10	3/4	459.27	3/4	142.28	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,086.27	7	769.50	7	452.66	7	135.68	7		7		7		7		7		7	
1/4	1,079.67	1/4	762.90	1/4	446.05	1/4	129.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,073.07	1/2	756.30	1/2	439.45	1/2	122.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,066.47	3/4	749.70	3/4	432.84	3/4	115.88	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,059.87	8	743.11	8	426.23	8	109.28	8		8		8		8		8		8	
1/4	1,053.27	1/4	736.51	1/4	419.63	1/4	102.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,046.67	1/2	729.91	1/2	413.02	1/2	96.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,040.07	3/4	723.31	3/4	406.41	3/4	89.55	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,033.47	9	716.71	9	399.81	9	83.22	9		9		9		9		9		9	
1/4	1,026.88	1/4	710.11	1/4	393.20	1/4	77.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,020.28	1/2	703.51	1/2	386.59	1/2	71.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,013.68	3/4	696.91	3/4	379.99	3/4	65.12	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,007.08	10	690.31	10	373.38	10	59.62	10		10		10		10		10		10	
1/4	1,000.48	1/4	683.71	1/4	366.77	1/4	54.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	993.88	1/2	677.11	1/2	360.17	1/2	49.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	987.28	3/4	670.51	3/4	353.56	3/4	44.75	3/4		3/4		3/4		3/4		3/4		3/4	
11	980.68	11	663.91	11	346.95	11	40.35	11		11		11		11		11		11	
1/4	974.08	1/4	657.31	1/4	340.35	1/4	36.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	967.48	1/2	650.72	1/2	333.74	1/2	32.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	960.88	3/4	644.12	3/4	327.13	3/4	28.79	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/1981 SI
DECK MEASUREMENTS: 05/23/2008 SW
REPRINTED: 05/23/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

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

BARGE "KIRBY 20004"

3 STBD
ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00 3/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	3,423.75	0	3,133.01	0	2,820.71	0	2,508.42	0	2,196.12	0	1,883.82	0	1,571.52
1/4		1/4		1/4		1/4	3,420.50	1/4	3,126.50	1/4	2,814.21	1/4	2,501.91	1/4	2,189.61	1/4	1,877.31	1/4	1,565.02
1/2		1/2		1/2		1/2	3,416.84	1/2	3,120.00	1/2	2,807.70	1/2	2,495.40	1/2	2,183.11	1/2	1,870.81	1/2	1,558.51
3/4		3/4		3/4		3/4	3,413.04	3/4	3,113.49	3/4	2,801.19	3/4	2,488.90	3/4	2,176.60	3/4	1,864.30	3/4	1,552.00
1		1		1		1	3,409.11	1	3,106.99	1	2,794.69	1	2,482.39	1	2,170.09	1	1,857.80	1	1,545.50
1/4		1/4		1/4		1/4	3,404.78	1/4	3,100.48	1/4	2,788.18	1/4	2,475.88	1/4	2,163.59	1/4	1,851.29	1/4	1,538.99
1/2		1/2		1/2		1/2	3,400.03	1/2	3,093.97	1/2	2,781.68	1/2	2,469.38	1/2	2,157.08	1/2	1,844.78	1/2	1,532.49
3/4		3/4		3/4		3/4	3,395.15	3/4	3,087.47	3/4	2,775.17	3/4	2,462.87	3/4	2,150.57	3/4	1,838.28	3/4	1,525.98
2		2		2		2	3,390.14	2	3,080.96	2	2,768.66	2	2,456.37	2	2,144.07	2	1,831.77	2	1,519.47
1/4		1/4		1/4		1/4	3,384.72	1/4	3,074.46	1/4	2,762.16	1/4	2,449.86	1/4	2,137.56	1/4	1,825.26	1/4	1,512.97
1/2		1/2		1/2		1/2	3,378.89	1/2	3,067.95	1/2	2,755.65	1/2	2,443.35	1/2	2,131.06	1/2	1,818.76	1/2	1,506.46
3/4		3/4		3/4		3/4	3,372.93	3/4	3,061.44	3/4	2,749.15	3/4	2,436.85	3/4	2,124.55	3/4	1,812.25	3/4	1,499.95
3		3		3		3	3,366.90	3	3,054.94	3	2,742.64	3	2,430.34	3	2,118.04	3	1,805.75	3	1,493.45
1/4		1/4		1/4		1/4	3,360.66	1/4	3,048.43	1/4	2,736.13	1/4	2,423.84	1/4	2,111.54	1/4	1,799.24	1/4	1,486.94
1/2		1/2		1/2		1/2	3,354.22	1/2	3,041.92	1/2	2,729.63	1/2	2,417.33	1/2	2,105.03	1/2	1,792.73	1/2	1,480.44
3/4		3/4		3/4		3/4	3,347.72	3/4	3,035.42	3/4	2,723.12	3/4	2,410.82	3/4	2,098.53	3/4	1,786.23	3/4	1,473.93
4		4		4		4	3,341.21	4	3,028.91	4	2,716.61	4	2,404.32	4	2,092.02	4	1,779.72	4	1,467.42
1/4		1/4		1/4		1/4	3,334.71	1/4	3,022.41	1/4	2,710.11	1/4	2,397.81	1/4	2,085.51	1/4	1,773.22	1/4	1,460.92
1/2		1/2		1/2		1/2	3,328.20	1/2	3,015.90	1/2	2,703.60	1/2	2,391.30	1/2	2,079.01	1/2	1,766.71	1/2	1,454.41
3/4		3/4		3/4		3/4	3,321.69	3/4	3,009.39	3/4	2,697.10	3/4	2,384.80	3/4	2,072.50	3/4	1,760.20	3/4	1,447.91
5		5		5		5	3,315.19	5	3,002.89	5	2,690.59	5	2,378.29	5	2,065.99	5	1,753.70	5	1,441.40
1/4		1/4		1/4		1/4	3,308.68	1/4	2,996.38	1/4	2,684.08	1/4	2,371.79	1/4	2,059.49	1/4	1,747.19	1/4	1,434.89
1/2		1/2		1/2		1/2	3,302.17	1/2	2,989.87	1/2	2,677.58	1/2	2,365.28	1/2	2,052.98	1/2	1,740.68	1/2	1,428.39
3/4		3/4		3/4		3/4	3,295.67	3/4	2,983.37	3/4	2,671.07	3/4	2,358.77	3/4	2,046.48	3/4	1,734.18	3/4	1,421.88
6		6		6		6	3,289.16	6	2,976.86	6	2,664.56	6	2,352.27	6	2,039.97	6	1,727.67	6	1,415.37
1/4		1/4		1/4		1/4	3,282.65	1/4	2,970.36	1/4	2,658.06	1/4	2,345.76	1/4	2,033.46	1/4	1,721.17	1/4	1,408.87
1/2		1/2		1/2		1/2	3,276.15	1/2	2,963.85	1/2	2,651.55	1/2	2,339.25	1/2	2,026.96	1/2	1,714.66	1/2	1,402.36
3/4		3/4		3/4		3/4	3,269.64	3/4	2,957.34	3/4	2,645.05	3/4	2,332.75	3/4	2,020.45	3/4	1,708.15	3/4	1,395.86
7		7		7		7	3,263.13	7	2,950.84	7	2,638.54	7	2,326.24	7	2,013.94	7	1,701.65	7	1,389.35
1/4		1/4		1/4		1/4	3,256.63	1/4	2,944.33	1/4	2,632.03	1/4	2,319.74	1/4	2,007.44	1/4	1,695.14	1/4	1,382.84
1/2		1/2		1/2		1/2	3,250.12	1/2	2,937.82	1/2	2,625.53	1/2	2,313.23	1/2	2,000.93	1/2	1,688.63	1/2	1,376.34
3/4		3/4		3/4		3/4	3,243.62	3/4	2,931.32	3/4	2,619.02	3/4	2,306.72	3/4	1,994.43	3/4	1,682.13	3/4	1,369.83
8		8		8		8	3,237.11	8	2,924.81	8	2,612.51	8	2,300.22	8	1,987.92	8	1,675.62	8	1,363.32
1/4		1/4		1/4		1/4	3,230.60	1/4	2,918.31	1/4	2,606.01	1/4	2,293.71	1/4	1,981.41	1/4	1,669.12	1/4	1,356.82
1/2		1/2		1/2		1/2	3,224.10	1/2	2,911.80	1/2	2,599.50	1/2	2,287.20	1/2	1,974.91	1/2	1,662.61	1/2	1,350.31
3/4		3/4		3/4		3/4	3,217.59	3/4	2,905.29	3/4	2,593.00	3/4	2,280.70	3/4	1,968.40	3/4	1,656.10	3/4	1,343.81
9		9		9		9	3,211.08	9	2,898.79	9	2,586.49	9	2,274.19	9	1,961.89	9	1,649.60	9	1,337.30
1/4		1/4		1/4		1/4	3,204.58	1/4	2,892.28	1/4	2,579.98	1/4	2,267.69	1/4	1,955.39	1/4	1,643.09	1/4	1,330.79
1/2		1/2		1/2		1/2	3,198.07	1/2	2,885.78	1/2	2,573.48	1/2	2,261.18	1/2	1,948.88	1/2	1,636.58	1/2	1,324.29
3/4		3/4		3/4		3/4	3,191.56	3/4	2,879.27	3/4	2,566.97	3/4	2,254.67	3/4	1,942.38	3/4	1,630.08	3/4	1,317.78
10		10		10		10	3,185.06	10	2,872.76	10	2,560.47	10	2,248.17	10	1,935.87	10	1,623.57	10	1,311.27
1/4		1/4		1/4		1/4	3,178.55	1/4	2,866.26	1/4	2,553.96	1/4	2,241.66	1/4	1,929.36	1/4	1,617.07	1/4	1,304.77
1/2		1/2		1/2		1/2	3,172.05	1/2	2,859.75	1/2	2,547.45	1/2	2,235.16	1/2	1,922.86	1/2	1,610.56	1/2	1,298.26
3/4		3/4		3/4		3/4	3,165.54	3/4	2,853.24	3/4	2,540.95	3/4	2,228.65	3/4	1,916.35	3/4	1,604.05	3/4	1,291.76
11		11		11		11	3,159.03	11	2,846.74	11	2,534.44	11	2,222.14	11	1,909.85	11	1,597.55	11	1,285.25
1/4		1/4		1/4		1/4	3,152.53	1/4	2,840.23	1/4	2,527.93	1/4	2,215.64	1/4	1,903.34	1/4	1,591.04	1/4	1,278.74
1/2		1/2		1/2		1/2	3,146.02	1/2	2,833.73	1/2	2,521.43	1/2	2,209.13	1/2	1,896.83	1/2	1,584.54	1/2	1,272.24
3/4		3/4		7/8	3,425.24	3/4	3,139.51	3/4	2,827.22	3/4	2,514.92	3/4	2,202.62	3/4	1,890.33	3/4	1,578.03	3/4	1,265.73

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 11'-03" OFF CENTERLINE AND 39'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 20004"

3 STBD
ULLAGE TABLE

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

FORMERLY "KEX 2200"

GAUGE HEIGHT 14'-00 3/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,259.23	0	946.93	0	634.63	0	322.33	0	28.34	0		0		0		0		0	
1/4	1,252.72	1/4	940.42	1/4	628.12	1/4	315.83	1/4	24.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,246.21	1/2	933.92	1/2	621.62	1/2	309.32	3/8	23.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,239.71	3/4	927.41	3/4	615.11	3/4	302.81	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,233.20	1	920.90	1	608.61	1	296.31	1		1		1		1		1		1	
1/4	1,226.69	1/4	914.40	1/4	602.10	1/4	289.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,220.19	1/2	907.89	1/2	595.59	1/2	283.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,213.68	3/4	901.38	3/4	589.09	3/4	276.79	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,207.18	2	894.88	2	582.58	2	270.28	2		2		2		2		2		2	
1/4	1,200.67	1/4	888.37	1/4	576.07	1/4	263.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,194.16	1/2	881.87	1/2	569.57	1/2	257.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,187.66	3/4	875.36	3/4	563.06	3/4	250.76	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,181.15	3	868.85	3	556.56	3	244.26	3		3		3		3		3		3	
1/4	1,174.64	1/4	862.35	1/4	550.05	1/4	237.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,168.14	1/2	855.84	1/2	543.54	1/2	231.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,161.63	3/4	849.33	3/4	537.04	3/4	224.74	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,155.13	4	842.83	4	530.53	4	218.23	4		4		4		4		4		4	
1/4	1,148.62	1/4	836.32	1/4	524.02	1/4	211.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,142.11	1/2	829.82	1/2	517.52	1/2	205.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,135.61	3/4	823.31	3/4	511.01	3/4	198.71	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,129.10	5	816.80	5	504.51	5	192.21	5		5		5		5		5		5	
1/4	1,122.60	1/4	810.30	1/4	498.00	1/4	185.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,116.09	1/2	803.79	1/2	491.49	1/2	179.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,109.58	3/4	797.29	3/4	484.99	3/4	172.69	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,103.08	6	790.78	6	478.48	6	166.18	6		6		6		6		6		6	
1/4	1,096.57	1/4	784.27	1/4	471.98	1/4	159.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,090.06	1/2	777.77	1/2	465.47	1/2	153.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,083.56	3/4	771.26	3/4	458.96	3/4	146.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,077.05	7	764.75	7	452.46	7	140.16	7		7		7		7		7		7	
1/4	1,070.55	1/4	758.25	1/4	445.96	1/4	133.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,064.04	1/2	751.74	1/2	439.44	1/2	127.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,057.53	3/4	745.24	3/4	432.94	3/4	120.64	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,051.03	8	738.73	8	426.43	8	114.13	8		8		8		8		8		8	
1/4	1,044.52	1/4	732.22	1/4	419.93	1/4	107.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,038.01	1/2	725.72	1/2	413.42	1/2	101.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,031.51	3/4	719.21	3/4	406.91	3/4	94.62	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,025.00	9	712.70	9	400.41	9	88.18	9		9		9		9		9		9	
1/4	1,018.50	1/4	706.20	1/4	393.90	1/4	81.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,011.99	1/2	699.69	1/2	387.39	1/2	75.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,005.48	3/4	693.19	3/4	380.89	3/4	69.95	3/4		3/4		3/4		3/4		3/4		3/4	
10	998.98	10	686.68	10	374.38	10	64.12	10		10		10		10		10		10	
1/4	992.47	1/4	680.17	1/4	367.88	1/4	58.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	985.96	1/2	673.67	1/2	361.37	1/2	53.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	979.46	3/4	667.16	3/4	354.86	3/4	48.81	3/4		3/4		3/4		3/4		3/4		3/4	
11	972.95	11	660.65	11	348.36	11	44.06	11		11		11		11		11		11	
1/4	966.45	1/4	654.15	1/4	341.85	1/4	39.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	959.94	1/2	647.64	1/2	335.34	1/2	35.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	953.43	3/4	641.14	3/4	328.84	3/4	32.00	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/1981 SI
DECK MEASUREMENTS: 05/23/2008 SW
REPRINTED: 05/23/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

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