



BARGE "KIRBY 28050"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-00"

February 27, 2007

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28050"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,212.12	0	3,923.99	0	3,621.66	0	3,305.39	0	2,976.71	0	2,645.68	0	2,314.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,206.24	1/4	3,917.87	1/4	3,615.22	1/4	3,298.67	1/4	2,969.82	1/4	2,638.78	1/4	2,307.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,200.34	1/2	3,911.72	1/2	3,608.76	1/2	3,291.92	1/2	2,962.92	1/2	2,631.88	1/2	2,300.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,194.43	3/4	3,905.57	3/4	3,602.29	3/4	3,285.17	3/4	2,956.02	3/4	2,624.99	3/4	2,293.92		
1		1		1		1	4,188.53	1	3,899.42	1	3,595.82	1	3,278.43	1	2,949.13	1	2,618.09	1	2,287.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,182.62	1/4	3,893.27	1/4	3,589.35	1/4	3,271.68	1/4	2,942.23	1/4	2,611.19	1/4	2,280.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,176.70	1/2	3,887.10	1/2	3,582.86	1/2	3,264.90	1/2	2,935.33	1/2	2,604.30	1/2	2,273.23		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,170.77	3/4	3,880.92	3/4	3,576.38	3/4	3,258.13	3/4	2,928.44	3/4	2,597.40	3/4	2,266.33		
2		2		2		2	4,164.84	2	3,874.74	2	3,569.89	2	3,251.35	2	2,921.54	2	2,590.50	2	2,259.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,158.92	1/4	3,868.57	1/4	3,563.40	1/4	3,244.57	1/4	2,914.64	1/4	2,583.61	1/4	2,252.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,152.96	1/2	3,862.37	1/2	3,556.89	1/2	3,237.78	1/2	2,907.75	1/2	2,576.71	1/2	2,245.63		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,147.01	3/4	3,856.17	3/4	3,550.38	3/4	3,230.99	3/4	2,900.85	3/4	2,569.81	3/4	2,238.74		
3		3		3		3	4,141.06	3	3,849.98	3	3,543.87	3	3,224.19	3	2,893.95	3	2,562.92	3	2,231.84		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,135.10	1/4	3,843.78	1/4	3,537.36	1/4	3,217.40	1/4	2,887.06	1/4	2,556.02	1/4	2,224.94		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,129.16	1/2	3,837.53	1/2	3,530.82	1/2	3,210.58	1/2	2,880.16	1/2	2,549.12	1/2	2,218.04		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,123.22	3/4	3,831.28	3/4	3,524.28	3/4	3,203.77	3/4	2,873.26	3/4	2,542.23	3/4	2,211.14		
4		4		4		4	4,117.28	4	3,825.02	4	3,517.75	4	3,196.95	4	2,866.37	4	2,535.33	4	2,204.25		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,111.34	1/4	3,818.77	1/4	3,511.21	1/4	3,190.13	1/4	2,859.47	1/4	2,528.43	1/4	2,197.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,105.38	1/2	3,812.49	1/2	3,504.65	1/2	3,183.29	1/2	2,852.57	1/2	2,521.54	1/2	2,190.45		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,099.42	3/4	3,806.21	3/4	3,498.09	3/4	3,176.44	3/4	2,845.68	3/4	2,514.64	3/4	2,183.55		
5		5		5		5	4,093.46	5	3,799.93	5	3,491.54	5	3,169.60	5	2,838.78	5	2,507.74	5	2,176.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,087.49	1/4	3,793.65	1/4	3,484.98	1/4	3,162.75	1/4	2,831.89	1/4	2,500.85	1/4	2,169.76		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,081.51	1/2	3,787.35	1/2	3,478.39	1/2	3,155.89	1/2	2,824.99	1/2	2,493.95	1/2	2,162.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,075.52	3/4	3,781.05	3/4	3,471.80	3/4	3,149.02	3/4	2,818.09	3/4	2,487.06	3/4	2,155.96		
6		6		6		6	4,069.53	6	3,774.75	6	3,465.21	6	3,142.16	6	2,811.20	6	2,480.16	6	2,149.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,063.54	1/4	3,768.45	1/4	3,458.63	1/4	3,135.30	1/4	2,804.30	1/4	2,473.26	1/4	2,142.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,355.67	1/2	4,057.53	1/2	3,762.12	1/2	3,452.02	1/2	3,128.41	1/2	2,797.40	1/2	2,466.37	1/2	2,135.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,350.50	3/4	4,051.52	3/4	3,755.79	3/4	3,445.41	3/4	3,121.52	3/4	2,790.51	3/4	2,459.47	3/4	2,128.37
7		7		7		7	4,345.32	7	4,045.51	7	3,749.46	7	3,438.81	7	3,114.64	7	2,783.61	7	2,452.57	7	2,121.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,340.14	1/4	4,039.50	1/4	3,743.13	1/4	3,432.20	1/4	3,107.75	1/4	2,776.71	1/4	2,445.68	1/4	2,114.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,333.25	1/2	4,033.46	1/2	3,736.78	1/2	3,425.57	1/2	3,100.85	1/2	2,769.82	1/2	2,438.78	1/2	2,107.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,326.35	3/4	4,027.42	3/4	3,730.43	3/4	3,418.94	3/4	3,093.96	3/4	2,762.92	3/4	2,431.88	3/4	2,100.78
8		8		8		8	4,319.45	8	4,021.38	8	3,724.09	8	3,412.32	8	3,087.06	8	2,756.02	8	2,424.98	8	2,093.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,312.55	1/4	4,015.35	1/4	3,717.74	1/4	3,405.69	1/4	3,080.16	1/4	2,749.13	1/4	2,418.08	1/4	2,086.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,305.66	1/2	4,009.29	1/2	3,711.37	1/2	3,399.03	1/2	3,073.27	1/2	2,742.23	1/2	2,411.19	1/2	2,080.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,298.76	3/4	4,003.23	3/4	3,705.00	3/4	3,392.38	3/4	3,066.37	3/4	2,735.33	3/4	2,404.29	3/4	2,073.18
9		9		9		9	4,291.86	9	3,997.17	9	3,698.62	9	3,385.72	9	3,059.47	9	2,728.44	9	2,397.39	9	2,066.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,284.96	1/4	3,991.12	1/4	3,692.25	1/4	3,379.06	1/4	3,052.58	1/4	2,721.54	1/4	2,390.49	1/4	2,059.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,278.06	1/2	3,985.04	1/2	3,685.86	1/2	3,372.39	1/2	3,045.68	1/2	2,714.64	1/2	2,383.59	1/2	2,052.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,271.17	3/4	3,978.96	3/4	3,679.46	3/4	3,365.71	3/4	3,038.78	3/4	2,707.75	3/4	2,376.70	3/4	2,045.59
10		10		10		10	4,264.27	10	3,972.88	10	3,673.06	10	3,359.03	10	3,031.89	10	2,700.85	10	2,369.80	10	2,038.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,257.37	1/4	3,966.80	1/4	3,666.66	1/4	3,352.36	1/4	3,024.99	1/4	2,693.95	1/4	2,362.90	1/4	2,031.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,250.47	1/2	3,960.69	1/2	3,660.24	1/2	3,345.66	1/2	3,018.09	1/2	2,687.06	1/2	2,356.00	1/2	2,024.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,243.57	3/4	3,954.59	3/4	3,653.82	3/4	3,338.96	3/4	3,011.20	3/4	2,680.16	3/4	2,349.10	3/4	2,018.00
11		11		11		11	4,236.68	11	3,948.48	11	3,647.40	11	3,332.26	11	3,004.30	11	2,673.26	11	2,342.21	11	2,011.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,229.78	1/4	3,942.37	1/4	3,640.98	1/4	3,325.57	1/4	2,997.40	1/4	2,666.37	1/4	2,335.31	1/4	2,004.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,223.89	1/2	3,936.25	1/2	3,634.54	1/2	3,318.84	1/2	2,990.51	1/2	2,659.47	1/2	2,328.41	1/2	1,997.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,218.01	3/4	3,930.12	3/4	3,628.10	3/4	3,312.12	3/4	2,983.61	3/4	2,652.57	3/4	2,321.51	3/4	1,990.41

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 37'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 28050"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	1,983.51	0	1,652.41	0	1,321.30	0	990.48	0	674.07	0	380.70	0	110.90	0		0		0	
1/4	1,976.61	1/4	1,645.51	1/4	1,314.40	1/4	983.64	1/4	667.70	1/4	374.83	1/4	105.52	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,969.71	1/2	1,638.61	1/2	1,307.51	1/2	976.82	1/2	661.37	1/2	368.99	1/2	100.18	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,962.82	3/4	1,631.71	3/4	1,300.61	3/4	970.00	3/4	655.05	3/4	363.15	3/4	94.83	3/4	3/4	3/4	3/4	3/4	3/4
1	1,955.92	1	1,624.81	1	1,293.71	1	963.18	1	648.72	1	357.32	1	89.49	1		1		1	
1/4	1,949.02	1/4	1,617.92	1/4	1,286.81	1/4	956.37	1/4	642.39	1/4	351.48	1/4	84.14	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,942.12	1/2	1,611.02	1/2	1,279.91	1/2	949.61	1/2	636.11	1/2	345.69	1/2	78.85	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,935.22	3/4	1,604.12	3/4	1,273.02	3/4	942.85	3/4	629.82	3/4	339.89	3/4	73.55	3/4	3/4	3/4	3/4	3/4	3/4
2	1,928.33	2	1,597.22	2	1,266.12	2	936.09	2	623.53	2	334.10	2	68.25	2		2		2	
1/4	1,921.43	1/4	1,590.32	1/4	1,259.22	1/4	929.33	1/4	617.25	1/4	328.31	1/4	62.95	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,914.53	1/2	1,583.43	1/2	1,252.32	1/2	922.61	1/2	611.00	1/2	322.55	1/2	57.69	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,907.63	3/4	1,576.53	3/4	1,245.42	3/4	915.88	3/4	604.76	3/4	316.80	3/4	52.43	3/4	3/4	3/4	3/4	3/4	3/4
3	1,900.73	3	1,569.63	3	1,238.53	3	909.16	3	598.51	3	311.04	3	47.16	3		3		3	
1/4	1,893.84	1/4	1,562.73	1/4	1,231.63	1/4	902.44	1/4	592.27	1/4	305.29	1/4	41.90	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,886.94	1/2	1,555.83	1/2	1,224.73	1/2	895.77	1/2	586.06	1/2	299.57	1/2	37.55	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,880.04	3/4	1,548.94	3/4	1,217.83	3/4	889.09	3/4	579.86	3/4	293.86	3/4	33.19	3/4	3/4	3/4	3/4	3/4	3/4
4	1,873.14	4	1,542.04	4	1,210.93	4	882.41	4	573.66	4	288.15	4	28.84	4		4		4	
1/4	1,866.24	1/4	1,535.14	1/4	1,204.04	1/4	875.73	1/4	567.46	1/4	282.44	1/4	24.48	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,859.35	1/2	1,528.24	1/2	1,197.14	1/2	869.09	1/2	561.29	1/2	276.77	1/2	21.89	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,852.45	3/4	1,521.34	3/4	1,190.24	3/4	862.45	3/4	555.13	3/4	271.09	3/4	19.30	3/4	3/4	3/4	3/4	3/4	3/4
5	1,845.55	5	1,514.45	5	1,183.34	5	855.81	5	548.96	5	265.42	5	16.71	5		5		5	
1/4	1,838.65	1/4	1,507.55	1/4	1,176.44	1/4	849.17	1/4	542.80	1/4	259.75	1/4	14.12	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,831.75	1/2	1,500.65	1/2	1,169.55	1/2	842.58	1/2	536.68	1/2	254.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,824.86	3/4	1,493.75	3/4	1,162.65	3/4	835.98	3/4	530.56	3/4	248.49	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,817.96	6	1,486.85	6	1,155.75	6	829.38	6	524.44	6	242.86	6	6	6		6		6	
1/4	1,811.06	1/4	1,479.96	1/4	1,148.85	1/4	822.79	1/4	518.32	1/4	237.23	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,804.16	1/2	1,473.06	1/2	1,141.95	1/2	816.23	1/2	512.23	1/2	231.64	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,797.26	3/4	1,466.16	3/4	1,135.06	3/4	809.67	3/4	506.15	3/4	226.05	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,790.37	7	1,459.26	7	1,128.16	7	803.12	7	500.07	7	220.45	7	7	7		7		7	
1/4	1,783.47	1/4	1,452.36	1/4	1,121.26	1/4	796.56	1/4	493.99	1/4	214.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,776.57	1/2	1,445.47	1/2	1,114.36	1/2	790.04	1/2	487.95	1/2	209.31	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,769.67	3/4	1,438.57	3/4	1,107.46	3/4	783.53	3/4	481.91	3/4	203.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,762.77	8	1,431.67	8	1,100.57	8	777.01	8	475.87	8	198.22	8	8	8		8		8	
1/4	1,755.88	1/4	1,424.77	1/4	1,093.67	1/4	770.50	1/4	469.83	1/4	192.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,748.98	1/2	1,417.87	1/2	1,086.77	1/2	764.02	1/2	463.83	1/2	187.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,742.08	3/4	1,410.98	3/4	1,079.87	3/4	757.55	3/4	457.83	3/4	181.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,735.18	9	1,404.08	9	1,072.98	9	751.07	9	451.83	9	176.14	9	9	9		9		9	
1/4	1,728.28	1/4	1,397.18	1/4	1,066.08	1/4	744.60	1/4	445.83	1/4	170.63	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,721.39	1/2	1,390.28	1/2	1,059.19	1/2	738.15	1/2	439.87	1/2	165.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,714.49	3/4	1,383.38	3/4	1,052.30	3/4	731.70	3/4	433.92	3/4	159.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,707.59	10	1,376.49	10	1,045.41	10	725.25	10	427.96	10	154.23	10	10	10		10		10	
1/4	1,700.69	1/4	1,369.59	1/4	1,038.52	1/4	718.80	1/4	422.00	1/4	148.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,693.79	1/2	1,362.69	1/2	1,031.65	1/2	712.39	1/2	416.08	1/2	143.34	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,686.90	3/4	1,355.79	3/4	1,024.78	3/4	705.99	3/4	410.16	3/4	137.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,680.00	11	1,348.89	11	1,017.91	11	699.58	11	404.25	11	132.48	11	11	11		11		11	
1/4	1,673.10	1/4	1,342.00	1/4	1,011.03	1/4	693.17	1/4	398.33	1/4	127.05	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,666.20	1/2	1,335.10	1/2	1,004.18	1/2	686.80	1/2	392.45	1/2	121.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,659.30	3/4	1,328.20	3/4	997.33	3/4	680.43	3/4	386.58	3/4	116.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 002/23/2007 CL - SW
CALCULATED: 02/26/2007 CL
PRINTED: 02/27/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28050"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,206.49	0	3,918.62	0	3,616.57	0	3,300.59	0	2,972.22	0	2,641.48	0	2,310.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,200.61	1/4	3,912.50	1/4	3,610.13	1/4	3,293.87	1/4	2,965.33	1/4	2,634.59	1/4	2,303.83		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,194.71	1/2	3,906.36	1/2	3,603.67	1/2	3,287.13	1/2	2,958.44	1/2	2,627.70	1/2	2,296.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,188.81	3/4	3,900.22	3/4	3,597.21	3/4	3,280.39	3/4	2,951.55	3/4	2,620.81	3/4	2,290.05		
1		1		1		1	4,182.91	1	3,894.07	1	3,590.75	1	3,273.65	1	2,944.66	1	2,613.92	1	2,283.16		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,177.01	1/4	3,887.93	1/4	3,584.29	1/4	3,266.91	1/4	2,937.77	1/4	2,607.03	1/4	2,276.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,171.09	1/2	3,881.76	1/2	3,577.81	1/2	3,260.14	1/2	2,930.88	1/2	2,600.14	1/2	2,269.37		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,165.17	3/4	3,875.59	3/4	3,571.32	3/4	3,253.37	3/4	2,923.99	3/4	2,593.25	3/4	2,262.48		
2		2		2		2	4,159.25	2	3,869.42	2	3,564.84	2	3,246.60	2	2,917.10	2	2,586.36	2	2,255.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,153.33	1/4	3,863.25	1/4	3,558.36	1/4	3,239.83	1/4	2,910.21	1/4	2,579.47	1/4	2,248.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,147.38	1/2	3,857.06	1/2	3,551.85	1/2	3,233.04	1/2	2,903.32	1/2	2,572.58	1/2	2,241.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,141.44	3/4	3,850.87	3/4	3,545.35	3/4	3,226.25	3/4	2,896.42	3/4	2,565.69	3/4	2,234.91		
3		3		3		3	4,135.49	3	3,844.67	3	3,538.85	3	3,219.46	3	2,889.53	3	2,558.80	3	2,228.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,129.54	1/4	3,838.48	1/4	3,532.34	1/4	3,212.67	1/4	2,882.64	1/4	2,551.91	1/4	2,221.13		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,123.61	1/2	3,832.24	1/2	3,525.81	1/2	3,205.86	1/2	2,875.75	1/2	2,545.02	1/2	2,214.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,117.67	3/4	3,825.99	3/4	3,519.28	3/4	3,199.05	3/4	2,868.86	3/4	2,538.13	3/4	2,207.35		
4		4		4		4	4,111.74	4	3,819.74	4	3,512.75	4	3,192.24	4	2,861.97	4	2,531.24	4	2,200.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,105.80	1/4	3,813.50	1/4	3,506.22	1/4	3,185.43	1/4	2,855.08	1/4	2,524.35	1/4	2,193.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,099.84	1/2	3,807.22	1/2	3,499.67	1/2	3,178.60	1/2	2,848.19	1/2	2,517.46	1/2	2,186.67		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,093.89	3/4	3,800.95	3/4	3,493.11	3/4	3,171.76	3/4	2,841.30	3/4	2,510.57	3/4	2,179.78		
5		5		5		5	4,087.93	5	3,794.68	5	3,486.56	5	3,164.92	5	2,834.41	5	2,503.68	5	2,172.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,081.97	1/4	3,788.40	1/4	3,480.01	1/4	3,158.08	1/4	2,827.52	1/4	2,496.79	1/4	2,166.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,075.99	1/2	3,782.11	1/2	3,473.43	1/2	3,151.22	1/2	2,820.63	1/2	2,489.90	1/2	2,159.11		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,070.01	3/4	3,775.81	3/4	3,466.85	3/4	3,144.36	3/4	2,813.74	3/4	2,483.01	3/4	2,152.21		
6		6		6		6	4,064.02	6	3,769.52	6	3,460.26	6	3,137.51	6	2,806.85	6	2,476.12	6	2,145.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,058.04	1/4	3,763.22	1/4	3,453.68	1/4	3,130.65	1/4	2,799.96	1/4	2,469.23	1/4	2,138.43		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,052.04	1/2	3,756.90	1/2	3,447.08	1/2	3,123.77	1/2	2,793.07	1/2	2,462.34	1/2	2,131.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,344.73	3/4	4,046.03	3/4	3,750.58	3/4	3,440.48	3/4	3,116.89	3/4	2,786.18	3/4	2,455.45	3/4	2,124.65
7		7		7		7	4,339.56	7	4,040.03	7	3,744.25	7	3,433.88	7	3,110.01	7	2,779.29	7	2,448.56	7	2,117.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,334.39	1/4	4,034.02	1/4	3,737.93	1/4	3,427.28	1/4	3,103.13	1/4	2,772.40	1/4	2,441.66	1/4	2,110.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,327.50	1/2	4,027.99	1/2	3,731.58	1/2	3,420.66	1/2	3,096.24	1/2	2,765.51	1/2	2,434.77	1/2	2,103.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,320.61	3/4	4,021.96	3/4	3,725.24	3/4	3,414.04	3/4	3,089.35	3/4	2,758.62	3/4	2,427.88	3/4	2,097.08
8		8		8		8	4,313.72	8	4,015.92	8	3,718.90	8	3,407.42	8	3,082.46	8	2,751.73	8	2,420.99	8	2,090.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,306.83	1/4	4,009.89	1/4	3,712.55	1/4	3,400.79	1/4	3,075.57	1/4	2,744.84	1/4	2,414.10	1/4	2,083.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,299.93	1/2	4,003.84	1/2	3,706.19	1/2	3,394.14	1/2	3,068.68	1/2	2,737.95	1/2	2,407.21	1/2	2,076.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,293.04	3/4	3,997.79	3/4	3,699.83	3/4	3,387.49	3/4	3,061.79	3/4	2,731.06	3/4	2,400.31	3/4	2,069.51
9		9		9		9	4,286.15	9	3,991.74	9	3,693.46	9	3,380.84	9	3,054.90	9	2,724.17	9	2,393.42	9	2,062.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,279.26	1/4	3,985.69	1/4	3,687.10	1/4	3,374.19	1/4	3,048.01	1/4	2,717.28	1/4	2,386.53	1/4	2,055.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,272.37	1/2	3,979.61	1/2	3,680.70	1/2	3,367.52	1/2	3,041.12	1/2	2,710.39	1/2	2,379.64	1/2	2,048.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,265.48	3/4	3,973.54	3/4	3,674.31	3/4	3,360.85	3/4	3,034.23	3/4	2,703.50	3/4	2,372.75	3/4	2,041.95
10		10		10		10	4,258.59	10	3,967.47	10	3,667.92	10	3,354.18	10	3,027.34	10	2,696.61	10	2,365.86	10	2,035.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,251.69	1/4	3,961.39	1/4	3,661.52	1/4	3,347.51	1/4	3,020.45	1/4	2,689.72	1/4	2,358.96	1/4	2,028.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,244.80	1/2	3,955.29	1/2	3,655.11	1/2	3,340.82	1/2	3,013.56	1/2	2,682.83	1/2	2,352.07	1/2	2,021.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,237.91	3/4	3,949.19	3/4	3,648.70	3/4	3,334.13	3/4	3,006.67	3/4	2,675.94	3/4	2,345.18	3/4	2,014.38
11		11		11		11	4,231.02	11	3,943.09	11	3,642.29	11	3,327.44	11	2,999.78	11	2,669.04	11	2,338.29	11	2,007.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,224.13	1/4	3,936.99	1/4	3,635.87	1/4	3,320.74	1/4	2,992.89	1/4	2,662.15	1/4	2,331.40	1/4	2,000.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,218.25	1/2	3,930.87	1/2	3,629.44	1/2	3,314.02	1/2	2,986.00	1/2	2,655.26	1/2	2,324.51	1/2	1,993.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,212.37	3/4	3,924.74	3/4	3,623.00	3/4	3,307.31	3/4	2,979.11	3/4	2,648.37	3/4	2,317.61	3/4	1,986.81

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 37'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28050"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	1,979.92	0	1,649.12	0	1,318.32	0	987.89	0	673.44	0	380.35	0	110.80	0		0		0	
1/4	1,973.03	1/4	1,642.23	1/4	1,311.43	1/4	981.08	1/4	667.08	1/4	374.48	1/4	105.42	1/4		1/4		1/4	
1/2	1,966.14	1/2	1,635.34	1/2	1,304.53	1/2	974.30	1/2	660.75	1/2	368.64	1/2	100.08	1/2		1/2		1/2	
3/4	1,959.25	3/4	1,628.44	3/4	1,297.64	3/4	967.53	3/4	654.43	3/4	362.81	3/4	94.74	3/4		3/4		3/4	
1	1,952.35	1	1,621.55	1	1,290.75	1	960.76	1	648.11	1	356.98	1	89.40	1		1		1	
1/4	1,945.46	1/4	1,614.66	1/4	1,283.86	1/4	953.98	1/4	641.79	1/4	351.15	1/4	84.07	1/4		1/4		1/4	
1/2	1,938.57	1/2	1,607.77	1/2	1,276.97	1/2	947.26	1/2	635.51	1/2	345.36	1/2	78.77	1/2		1/2		1/2	
3/4	1,931.68	3/4	1,600.88	3/4	1,270.08	3/4	940.55	3/4	629.23	3/4	339.57	3/4	73.48	3/4		3/4		3/4	
2	1,924.79	2	1,593.99	2	1,263.18	2	933.83	2	622.95	2	333.79	2	68.18	2		2		2	
1/4	1,917.90	1/4	1,587.09	1/4	1,256.29	1/4	927.12	1/4	616.67	1/4	328.00	1/4	62.89	1/4		1/4		1/4	
1/2	1,911.00	1/2	1,580.20	1/2	1,249.40	1/2	920.44	1/2	610.43	1/2	322.25	1/2	57.63	1/2		1/2		1/2	
3/4	1,904.11	3/4	1,573.31	3/4	1,242.51	3/4	913.77	3/4	604.19	3/4	316.50	3/4	52.38	3/4		3/4		3/4	
3	1,897.22	3	1,566.42	3	1,235.62	3	907.09	3	597.95	3	310.75	3	47.12	3		3		3	
1/4	1,890.33	1/4	1,559.53	1/4	1,228.73	1/4	900.41	1/4	591.71	1/4	305.00	1/4	41.86	1/4		1/4		1/4	
1/2	1,883.44	1/2	1,552.64	1/2	1,221.83	1/2	893.78	1/2	585.52	1/2	299.29	1/2	37.51	1/2		1/2		1/2	
3/4	1,876.55	3/4	1,545.74	3/4	1,214.94	3/4	887.15	3/4	579.32	3/4	293.59	3/4	33.16	3/4		3/4		3/4	
4	1,869.65	4	1,538.85	4	1,208.05	4	880.51	4	573.12	4	287.88	4	28.81	4		4		4	
1/4	1,862.76	1/4	1,531.96	1/4	1,201.16	1/4	873.88	1/4	566.92	1/4	282.18	1/4	24.46	1/4		1/4		1/4	
1/2	1,855.87	1/2	1,525.07	1/2	1,194.27	1/2	867.29	1/2	560.77	1/2	276.51	1/2	21.87	1/2		1/2		1/2	
3/4	1,848.98	3/4	1,518.18	3/4	1,187.38	3/4	860.69	3/4	554.61	3/4	270.84	3/4	19.28	3/4		3/4		3/4	
5	1,842.09	5	1,511.29	5	1,180.48	5	854.10	5	548.45	5	265.17	5	16.69	5		5		5	
1/4	1,835.20	1/4	1,504.39	1/4	1,173.59	1/4	847.50	1/4	542.29	1/4	259.50	1/4	14.10	1/4		1/4		1/4	
1/2	1,828.30	1/2	1,497.50	1/2	1,166.70	1/2	840.95	1/2	536.18	1/2	253.88	1/2		1/2		1/2		1/2	
3/4	1,821.41	3/4	1,490.61	3/4	1,159.81	3/4	834.40	3/4	530.06	3/4	248.26	3/4		3/4		3/4		3/4	
6	1,814.52	6	1,483.72	6	1,152.92	6	827.85	6	523.95	6	242.63	6	6	6		6		6	
1/4	1,807.63	1/4	1,476.83	1/4	1,146.03	1/4	821.30	1/4	517.83	1/4	237.01	1/4		1/4		1/4		1/4	
1/2	1,800.74	1/2	1,469.94	1/2	1,139.13	1/2	814.78	1/2	511.75	1/2	231.42	1/2		1/2		1/2		1/2	
3/4	1,793.85	3/4	1,463.04	3/4	1,132.24	3/4	808.27	3/4	505.68	3/4	225.83	3/4		3/4		3/4		3/4	
7	1,786.95	7	1,456.15	7	1,125.35	7	801.76	7	499.60	7	220.25	7	7	7		7		7	
1/4	1,780.06	1/4	1,449.26	1/4	1,118.46	1/4	795.25	1/4	493.53	1/4	214.66	1/4		1/4		1/4		1/4	
1/2	1,773.17	1/2	1,442.37	1/2	1,111.57	1/2	788.78	1/2	487.49	1/2	209.12	1/2		1/2		1/2		1/2	
3/4	1,766.28	3/4	1,435.48	3/4	1,104.68	3/4	782.30	3/4	481.46	3/4	203.58	3/4		3/4		3/4		3/4	
8	1,759.39	8	1,428.59	8	1,097.78	8	775.83	8	475.42	8	198.03	8	8	8		8		8	
1/4	1,752.49	1/4	1,421.69	1/4	1,090.89	1/4	769.36	1/4	469.39	1/4	192.49	1/4		1/4		1/4		1/4	
1/2	1,745.60	1/2	1,414.80	1/2	1,084.00	1/2	762.93	1/2	463.40	1/2	186.99	1/2		1/2		1/2		1/2	
3/4	1,738.71	3/4	1,407.91	3/4	1,077.11	3/4	756.50	3/4	457.40	3/4	181.48	3/4		3/4		3/4		3/4	
9	1,731.82	9	1,401.02	9	1,070.22	9	750.07	9	451.41	9	175.98	9	9	9		9		9	
1/4	1,724.93	1/4	1,394.13	1/4	1,063.33	1/4	743.64	1/4	445.41	1/4	170.47	1/4		1/4		1/4		1/4	
1/2	1,718.04	1/2	1,387.23	1/2	1,056.45	1/2	737.23	1/2	439.46	1/2	165.01	1/2		1/2		1/2		1/2	
3/4	1,711.14	3/4	1,380.34	3/4	1,049.56	3/4	730.83	3/4	433.51	3/4	159.55	3/4		3/4		3/4		3/4	
10	1,704.25	10	1,373.45	10	1,042.68	10	724.42	10	427.56	10	154.09	10	10	10		10		10	
1/4	1,697.36	1/4	1,366.56	1/4	1,035.80	1/4	718.01	1/4	421.61	1/4	148.63	1/4		1/4		1/4		1/4	
1/2	1,690.47	1/2	1,359.67	1/2	1,028.93	1/2	711.64	1/2	415.69	1/2	143.21	1/2		1/2		1/2		1/2	
3/4	1,683.58	3/4	1,352.78	3/4	1,022.07	3/4	705.27	3/4	409.78	3/4	137.78	3/4		3/4		3/4		3/4	
11	1,676.69	11	1,345.88	11	1,015.20	11	698.89	11	403.87	11	132.36	11	11	11		11		11	
1/4	1,669.79	1/4	1,338.99	1/4	1,008.33	1/4	692.52	1/4	397.95	1/4	126.93	1/4		1/4		1/4		1/4	
1/2	1,662.90	1/2	1,332.10	1/2	1,001.52	1/2	686.16	1/2	392.08	1/2	121.55	1/2		1/2		1/2		1/2	
3/4	1,656.01	3/4	1,325.21	3/4	994.70	3/4	679.80	3/4	386.21	3/4	116.18	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 002/23/2007 CL - SW
CALCULATED: 02/26/2007 CL
PRINTED: 02/27/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2007

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



BARGE "KIRBY 28050"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	5,104.19	0	4,767.78	0	4,414.09	0	4,043.65	0	3,658.68	0	3,270.96	0	2,883.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,097.30	1/4	4,760.64	1/4	4,406.54	1/4	4,035.77	1/4	3,650.61	1/4	3,262.88	1/4	2,875.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,090.39	1/2	4,753.47	1/2	4,398.97	1/2	4,027.87	1/2	3,642.53	1/2	3,254.80	1/2	2,867.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,083.47	3/4	4,746.30	3/4	4,391.39	3/4	4,019.97	3/4	3,634.45	3/4	3,246.72	3/4	2,858.93
1		1		1		1	5,076.55	1	4,739.13	1	4,383.82	1	4,012.07	1	3,626.37	1	3,238.64	1	2,850.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,069.63	1/4	4,731.96	1/4	4,376.24	1/4	4,004.17	1/4	3,618.30	1/4	3,230.57	1/4	2,842.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,062.69	1/2	4,724.76	1/2	4,368.64	1/2	3,996.23	1/2	3,610.22	1/2	3,222.49	1/2	2,834.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,055.75	3/4	4,717.55	3/4	4,361.04	3/4	3,988.29	3/4	3,602.14	3/4	3,214.41	3/4	2,826.61
2		2		2		2	5,048.81	2	4,710.35	2	4,353.44	2	3,980.36	2	3,594.06	2	3,206.33	2	2,818.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,041.87	1/4	4,703.15	1/4	4,345.84	1/4	3,972.42	1/4	3,585.99	1/4	3,198.26	1/4	2,810.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,034.89	1/2	4,695.92	1/2	4,338.22	1/2	3,964.46	1/2	3,577.91	1/2	3,190.18	1/2	2,802.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,027.92	3/4	4,688.70	3/4	4,330.59	3/4	3,956.50	3/4	3,569.83	3/4	3,182.10	3/4	2,794.29
3		3		3		3	5,020.95	3	4,681.47	3	4,322.97	3	3,948.55	3	3,561.75	3	3,174.02	3	2,786.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,013.97	1/4	4,674.24	1/4	4,315.34	1/4	3,940.59	1/4	3,553.67	1/4	3,165.94	1/4	2,778.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,007.04	1/2	4,666.92	1/2	4,307.69	1/2	3,932.60	1/2	3,545.60	1/2	3,157.87	1/2	2,770.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,000.12	3/4	4,659.60	3/4	4,300.03	3/4	3,924.62	3/4	3,537.52	3/4	3,149.79	3/4	2,761.97
4		4		4		4	4,993.19	4	4,652.27	4	4,292.38	4	3,916.64	4	3,529.44	4	3,141.71	4	2,753.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,986.26	1/4	4,644.95	1/4	4,284.72	1/4	3,908.65	1/4	3,521.36	1/4	3,133.63	1/4	2,745.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,979.31	1/2	4,637.59	1/2	4,277.04	1/2	3,900.64	1/2	3,513.29	1/2	3,125.56	1/2	2,737.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,972.36	3/4	4,630.24	3/4	4,269.36	3/4	3,892.62	3/4	3,505.21	3/4	3,117.48	3/4	2,729.65
5		5		5		5	4,965.40	5	4,622.89	5	4,261.67	5	3,884.60	5	3,497.13	5	3,109.40	5	2,721.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,958.45	1/4	4,615.53	1/4	4,253.99	1/4	3,876.58	1/4	3,489.05	1/4	3,101.32	1/4	2,713.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,951.47	1/2	4,608.15	1/2	4,246.28	1/2	3,868.54	1/2	3,480.98	1/2	3,093.25	1/2	2,705.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,944.48	3/4	4,600.77	3/4	4,238.56	3/4	3,860.50	3/4	3,472.90	3/4	3,085.17	3/4	2,697.32
6		6		6		6	4,937.50	6	4,593.39	6	4,230.85	6	3,852.47	6	3,464.82	6	3,077.09	6	2,689.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,930.51	1/4	4,586.01	1/4	4,223.13	1/4	3,844.43	1/4	3,456.74	1/4	3,069.01	1/4	2,681.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,923.51	1/2	4,578.60	1/2	4,215.39	1/2	3,836.36	1/2	3,448.66	1/2	3,060.93	1/2	2,673.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,266.28	3/4	4,916.50	3/4	4,571.18	3/4	4,207.65	3/4	3,828.29	3/4	3,440.59	3/4	3,052.86
7		7		7		7	5,260.22	7	4,909.49	7	4,563.77	7	4,199.92	7	3,820.23	7	3,432.51	7	3,044.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,254.16	1/4	4,902.48	1/4	4,556.36	1/4	4,192.18	1/4	3,812.16	1/4	3,424.43	1/4	3,036.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,246.08	1/2	4,895.44	1/2	4,548.92	1/2	4,184.42	1/2	3,804.08	1/2	3,416.35	1/2	3,028.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,238.00	3/4	4,888.40	3/4	4,541.48	3/4	4,176.65	3/4	3,796.01	3/4	3,408.28	3/4	3,020.54
8		8		8		8	5,229.92	8	4,881.35	8	4,534.05	8	4,168.89	8	3,787.93	8	3,400.20	8	3,012.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,221.84	1/4	4,874.31	1/4	4,526.61	1/4	4,161.13	1/4	3,779.85	1/4	3,392.12	1/4	3,004.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,213.76	1/2	4,867.25	1/2	4,519.15	1/2	4,153.33	1/2	3,771.77	1/2	3,384.04	1/2	2,996.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,205.68	3/4	4,860.19	3/4	4,511.69	3/4	4,145.53	3/4	3,763.69	3/4	3,375.97	3/4	2,988.22
9		9		9		9	5,197.60	9	4,853.12	9	4,504.23	9	4,137.74	9	3,755.62	9	3,367.89	9	2,980.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,189.52	1/4	4,846.06	1/4	4,496.77	1/4	4,129.94	1/4	3,747.54	1/4	3,359.81	1/4	2,972.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,181.44	1/2	4,838.97	1/2	4,489.27	1/2	4,122.12	1/2	3,739.46	1/2	3,351.73	1/2	2,963.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,173.36	3/4	4,831.88	3/4	4,481.78	3/4	4,114.30	3/4	3,731.38	3/4	3,343.65	3/4	2,955.90
10		10		10		10	5,165.28	10	4,824.79	10	4,474.28	10	4,106.48	10	3,723.31	10	3,335.58	10	2,947.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,157.20	1/4	4,817.71	1/4	4,466.79	1/4	4,098.66	1/4	3,715.23	1/4	3,327.50	1/4	2,939.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,149.12	1/2	4,810.58	1/2	4,459.27	1/2	4,090.82	1/2	3,707.15	1/2	3,319.42	1/2	2,931.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,141.03	3/4	4,803.46	3/4	4,451.75	3/4	4,082.97	3/4	3,699.07	3/4	3,311.34	3/4	2,923.58
11		11		11		11	5,132.95	11	4,796.34	11	4,444.23	11	4,075.13	11	3,691.00	11	3,303.27	11	2,915.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,124.87	1/4	4,789.22	1/4	4,436.72	1/4	4,067.28	1/4	3,682.92	1/4	3,295.19	1/4	2,907.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,117.98	1/2	4,782.07	1/2	4,429.17	1/2	4,059.40	1/2	3,674.84	1/2	3,287.11	1/2	2,899.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,111.09	3/4	4,774.93	3/4	4,421.63	3/4	4,051.53	3/4	3,666.76	3/4	3,279.03	3/4	2,891.25

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28050"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,495.31	0	2,107.46	0	1,719.60	0	1,331.74	0	943.88	0	556.88	0	169.44	0		0		0	
1/4	2,487.23	1/4	2,099.38	1/4	1,711.52	1/4	1,323.66	1/4	935.80	1/4	548.81	1/4	161.37	1/4		1/4		1/4	
1/2	2,479.15	1/2	2,091.29	1/2	1,703.44	1/2	1,315.58	1/2	927.72	1/2	540.74	1/2	153.30	1/2		1/2		1/2	
3/4	2,471.07	3/4	2,083.21	3/4	1,695.36	3/4	1,307.50	3/4	919.64	3/4	532.67	3/4	145.22	3/4		3/4		3/4	
1	2,462.99	1	2,075.13	1	1,687.27	1	1,299.42	1	911.56	1	524.59	1	137.15	1		1		1	
1/4	2,454.91	1/4	2,067.05	1/4	1,679.19	1/4	1,291.34	1/4	903.48	1/4	516.52	1/4	129.08	1/4		1/4		1/4	
1/2	2,446.83	1/2	2,058.97	1/2	1,671.11	1/2	1,283.25	1/2	895.41	1/2	508.45	1/2	121.01	1/2		1/2		1/2	
3/4	2,438.75	3/4	2,050.89	3/4	1,663.03	3/4	1,275.17	3/4	887.34	3/4	500.38	3/4	112.94	3/4		3/4		3/4	
2	2,430.67	2	2,042.81	2	1,654.95	2	1,267.09	2	879.27	2	492.31	2	104.87	2		2		2	
1/4	2,422.59	1/4	2,034.73	1/4	1,646.87	1/4	1,259.01	1/4	871.20	1/4	484.24	1/4	96.79	1/4		1/4		1/4	
1/2	2,414.51	1/2	2,026.65	1/2	1,638.79	1/2	1,250.93	1/2	863.15	1/2	476.16	1/2	88.72	1/2		1/2		1/2	
3/4	2,406.43	3/4	2,018.57	3/4	1,630.71	3/4	1,242.85	3/4	855.09	3/4	468.09	3/4	80.65	3/4		3/4		3/4	
3	2,398.35	3	2,010.49	3	1,622.63	3	1,234.77	3	847.04	3	460.02	3	72.58	3		3		3	
1/4	2,390.27	1/4	2,002.41	1/4	1,614.55	1/4	1,226.69	1/4	838.98	1/4	451.95	1/4	64.51	1/4		1/4		1/4	
1/2	2,382.19	1/2	1,994.33	1/2	1,606.47	1/2	1,218.61	1/2	830.92	1/2	443.88	1/2	57.44	1/2		1/2		1/2	
3/4	2,374.11	3/4	1,986.25	3/4	1,598.39	3/4	1,210.53	3/4	822.87	3/4	435.81	3/4	50.38	3/4		3/4		3/4	
4	2,366.03	4	1,978.17	4	1,590.31	4	1,202.45	4	814.81	4	427.73	4	43.32	4		4		4	
1/4	2,357.95	1/4	1,970.09	1/4	1,582.23	1/4	1,194.37	1/4	806.76	1/4	419.66	1/4	36.26	1/4		1/4		1/4	
1/2	2,349.87	1/2	1,962.01	1/2	1,574.15	1/2	1,186.29	1/2	798.70	1/2	411.59	1/2	31.22	1/2		1/2		1/2	
3/4	2,341.79	3/4	1,953.93	3/4	1,566.07	3/4	1,178.21	3/4	790.64	3/4	403.52	3/4	26.17	3/4		3/4		3/4	
5	2,333.71	5	1,945.85	5	1,557.99	5	1,170.13	5	782.59	5	395.45	5	21.13	5		5		5	
1/4	2,325.63	1/4	1,937.77	1/4	1,549.91	1/4	1,162.05	1/4	774.53	1/4	387.38	1/4	16.09	1/4		1/4		1/4	
1/2	2,317.55	1/2	1,929.69	1/2	1,541.83	1/2	1,153.97	1/2	766.48	1/2	379.30	1/2		1/2		1/2		1/2	
3/4	2,309.47	3/4	1,921.61	3/4	1,533.75	3/4	1,145.89	3/4	758.42	3/4	371.23	3/4		3/4		3/4		3/4	
6	2,301.39	6	1,913.53	6	1,525.67	6	1,137.81	6	750.36	6	363.16	6	6	6		6		6	
1/4	2,293.30	1/4	1,905.45	1/4	1,517.59	1/4	1,129.73	1/4	742.31	1/4	355.09	1/4		1/4		1/4		1/4	
1/2	2,285.22	1/2	1,897.37	1/2	1,509.51	1/2	1,121.65	1/2	734.25	1/2	347.02	1/2		1/2		1/2		1/2	
3/4	2,277.14	3/4	1,889.28	3/4	1,501.43	3/4	1,113.57	3/4	726.20	3/4	338.95	3/4		3/4		3/4		3/4	
7	2,269.06	7	1,881.20	7	1,493.35	7	1,105.49	7	718.14	7	330.87	7	7	7		7		7	
1/4	2,260.98	1/4	1,873.12	1/4	1,485.26	1/4	1,097.41	1/4	710.08	1/4	322.80	1/4		1/4		1/4		1/4	
1/2	2,252.90	1/2	1,865.04	1/2	1,477.18	1/2	1,089.33	1/2	702.03	1/2	314.73	1/2		1/2		1/2		1/2	
3/4	2,244.82	3/4	1,856.96	3/4	1,469.10	3/4	1,081.24	3/4	693.97	3/4	306.66	3/4		3/4		3/4		3/4	
8	2,236.74	8	1,848.88	8	1,461.02	8	1,073.16	8	685.92	8	298.59	8	8	8		8		8	
1/4	2,228.66	1/4	1,840.80	1/4	1,452.94	1/4	1,065.08	1/4	677.86	1/4	290.51	1/4		1/4		1/4		1/4	
1/2	2,220.58	1/2	1,832.72	1/2	1,444.86	1/2	1,057.00	1/2	669.81	1/2	282.44	1/2		1/2		1/2		1/2	
3/4	2,212.50	3/4	1,824.64	3/4	1,436.78	3/4	1,048.92	3/4	661.75	3/4	274.37	3/4		3/4		3/4		3/4	
9	2,204.42	9	1,816.56	9	1,428.70	9	1,040.84	9	653.69	9	266.30	9	9	9		9		9	
1/4	2,196.34	1/4	1,808.48	1/4	1,420.62	1/4	1,032.76	1/4	645.64	1/4	258.23	1/4		1/4		1/4		1/4	
1/2	2,188.26	1/2	1,800.40	1/2	1,412.54	1/2	1,024.68	1/2	637.57	1/2	250.16	1/2		1/2		1/2		1/2	
3/4	2,180.18	3/4	1,792.32	3/4	1,404.46	3/4	1,016.60	3/4	629.51	3/4	242.08	3/4		3/4		3/4		3/4	
10	2,172.10	10	1,784.24	10	1,396.38	10	1,008.52	10	621.45	10	234.01	10	10	10		10		10	
1/4	2,164.02	1/4	1,776.16	1/4	1,388.30	1/4	1,000.44	1/4	613.38	1/4	225.94	1/4		1/4		1/4		1/4	
1/2	2,155.94	1/2	1,768.08	1/2	1,380.22	1/2	992.36	1/2	605.31	1/2	217.87	1/2		1/2		1/2		1/2	
3/4	2,147.86	3/4	1,760.00	3/4	1,372.14	3/4	984.28	3/4	597.24	3/4	209.80	3/4		3/4		3/4		3/4	
11	2,139.78	11	1,751.92	11	1,364.06	11	976.20	11	589.17	11	201.73	11	11	11		11		11	
1/4	2,131.70	1/4	1,743.84	1/4	1,355.98	1/4	968.12	1/4	581.10	1/4	193.65	1/4		1/4		1/4		1/4	
1/2	2,123.62	1/2	1,735.76	1/2	1,347.90	1/2	960.04	1/2	573.02	1/2	185.58	1/2		1/2		1/2		1/2	
3/4	2,115.54	3/4	1,727.68	3/4	1,339.82	3/4	951.96	3/4	564.95	3/4	177.51	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 002/23/2007 CL - SW
CALCULATED: 02/26/2007 CL
PRINTED: 02/27/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
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<http://www.pmacorp.net>



BARGE "KIRBY 28050"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	5,095.31	0	4,758.55	0	4,404.50	0	4,033.70	0	3,648.35	0	3,260.23	0	2,872.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,088.41	1/4	4,751.40	1/4	4,396.95	1/4	4,025.81	1/4	3,640.27	1/4	3,252.14	1/4	2,863.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,081.48	1/2	4,744.22	1/2	4,389.37	1/2	4,017.90	1/2	3,632.18	1/2	3,244.06	1/2	2,855.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,074.56	3/4	4,737.05	3/4	4,381.78	3/4	4,009.99	3/4	3,624.09	3/4	3,235.97	3/4	2,847.80
1		1		1		1	5,067.64	1	4,729.87	1	4,374.20	1	4,002.08	1	3,616.01	1	3,227.89	1	2,839.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,060.71	1/4	4,722.69	1/4	4,366.62	1/4	3,994.17	1/4	3,607.92	1/4	3,219.80	1/4	2,831.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,053.76	1/2	4,715.48	1/2	4,359.01	1/2	3,986.23	1/2	3,599.84	1/2	3,211.71	1/2	2,823.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,046.81	3/4	4,708.27	3/4	4,351.40	3/4	3,978.29	3/4	3,591.75	3/4	3,203.63	3/4	2,815.44
2		2		2		2	5,039.87	2	4,701.06	2	4,343.80	2	3,970.34	2	3,583.67	2	3,195.54	2	2,807.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,032.92	1/4	4,693.85	1/4	4,336.19	1/4	3,962.40	1/4	3,575.58	1/4	3,187.46	1/4	2,799.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,025.93	1/2	4,686.62	1/2	4,328.56	1/2	3,954.43	1/2	3,567.49	1/2	3,179.37	1/2	2,791.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,018.95	3/4	4,679.38	3/4	4,320.92	3/4	3,946.46	3/4	3,559.41	3/4	3,171.28	3/4	2,783.09
3		3		3		3	5,011.97	3	4,672.15	3	4,313.29	3	3,938.50	3	3,551.32	3	3,163.20	3	2,775.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,004.99	1/4	4,664.92	1/4	4,305.66	1/4	3,930.53	1/4	3,543.24	1/4	3,155.11	1/4	2,766.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,998.06	1/2	4,657.59	1/2	4,298.00	1/2	3,922.54	1/2	3,535.15	1/2	3,147.03	1/2	2,758.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,991.12	3/4	4,650.25	3/4	4,290.33	3/4	3,914.55	3/4	3,527.06	3/4	3,138.94	3/4	2,750.74
4		4		4		4	4,984.19	4	4,642.92	4	4,282.67	4	3,906.56	4	3,518.98	4	3,130.85	4	2,742.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,977.25	1/4	4,635.59	1/4	4,275.00	1/4	3,898.57	1/4	3,510.89	1/4	3,122.77	1/4	2,734.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,970.29	1/2	4,628.23	1/2	4,267.31	1/2	3,890.54	1/2	3,502.81	1/2	3,114.68	1/2	2,726.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,963.33	3/4	4,620.87	3/4	4,259.63	3/4	3,882.52	3/4	3,494.72	3/4	3,106.60	3/4	2,718.39
5		5		5		5	4,956.37	5	4,613.51	5	4,251.94	5	3,874.49	5	3,486.63	5	3,098.51	5	2,710.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,949.41	1/4	4,606.15	1/4	4,244.25	1/4	3,866.47	1/4	3,478.55	1/4	3,090.43	1/4	2,702.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,942.42	1/2	4,598.76	1/2	4,236.52	1/2	3,858.42	1/2	3,470.46	1/2	3,082.34	1/2	2,694.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,935.43	3/4	4,591.37	3/4	4,228.80	3/4	3,850.37	3/4	3,462.38	3/4	3,074.25	3/4	2,686.03
6		6		6		6	4,928.44	6	4,583.99	6	4,221.08	6	3,842.32	6	3,454.29	6	3,066.17	6	2,677.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,921.45	1/4	4,576.60	1/4	4,213.35	1/4	3,834.28	1/4	3,446.20	1/4	3,058.08	1/4	2,669.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,914.43	1/2	4,569.18	1/2	4,205.61	1/2	3,826.20	1/2	3,438.12	1/2	3,050.00	1/2	2,661.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,257.55	3/4	4,907.42	3/4	4,561.76	3/4	4,197.86	3/4	3,818.13	3/4	3,430.03	3/4	3,041.91
7		7		7		7	4,900.40	7	4,554.33	7	4,190.12	7	3,810.06	7	3,421.95	7	3,033.82	7	2,653.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,245.42	1/4	4,893.38	1/4	4,546.91	1/4	4,182.37	1/4	3,801.98	1/4	3,413.86	1/4	3,025.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,237.33	1/2	4,886.34	1/2	4,539.47	1/2	4,174.60	1/2	3,793.90	1/2	3,405.78	1/2	3,017.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,229.24	3/4	4,879.29	3/4	4,532.03	3/4	4,166.83	3/4	3,785.81	3/4	3,397.69	3/4	3,009.56
8		8		8		8	4,872.24	8	4,524.58	8	4,159.06	8	3,777.73	8	3,389.60	8	3,001.47	8	2,621.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,213.07	1/4	4,865.19	1/4	4,517.14	1/4	4,151.29	1/4	3,769.64	1/4	3,381.52	1/4	2,993.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,204.98	1/2	4,858.12	1/2	4,509.67	1/2	4,143.48	1/2	3,761.55	1/2	3,373.43	1/2	2,985.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,196.89	3/4	4,851.05	3/4	4,502.20	3/4	4,135.68	3/4	3,753.47	3/4	3,365.35	3/4	2,977.21
9		9		9		9	5,188.80	9	4,843.98	9	4,494.73	9	4,127.88	9	3,745.38	9	3,357.26	9	2,969.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,180.71	1/4	4,836.91	1/4	4,487.26	1/4	4,120.07	1/4	3,737.30	1/4	3,349.17	1/4	2,961.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,172.63	1/2	4,829.81	1/2	4,479.76	1/2	4,112.24	1/2	3,729.21	1/2	3,341.09	1/2	2,952.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,164.54	3/4	4,822.72	3/4	4,472.26	3/4	4,104.42	3/4	3,721.13	3/4	3,333.00	3/4	2,944.86
10		10		10		10	5,156.45	10	4,815.62	10	4,464.76	10	4,096.59	10	3,713.04	10	3,324.92	10	2,936.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,148.36	1/4	4,808.53	1/4	4,457.25	1/4	4,088.76	1/4	3,704.95	1/4	3,316.83	1/4	2,928.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,140.27	1/2	4,801.40	1/2	4,449.73	1/2	4,080.91	1/2	3,696.87	1/2	3,308.74	1/2	2,920.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,132.19	3/4	4,794.27	3/4	4,442.20	3/4	4,073.06	3/4	3,688.78	3/4	3,300.66	3/4	2,912.50
11		11		11		11	5,124.10	11	4,787.14	11	4,434.68	11	4,065.20	11	3,680.70	11	3,292.57	11	2,904.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,116.01	1/4	4,780.01	1/4	4,427.15	1/4	4,057.35	1/4	3,672.61	1/4	3,284.49	1/4	2,896.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,109.11	1/2	4,772.86	1/2	4,419.60	1/2	4,049.47	1/2	3,664.52	1/2	3,276.40	1/2	2,888.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,102.21	3/4	4,765.71	3/4	4,412.05	3/4	4,041.58	3/4	3,656.44	3/4	3,268.32	3/4	2,880.15

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28050"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	2,483.83	0	2,095.60	0	1,707.36	0	1,319.13	0	931.35	0	558.19	0	170.15	0		0		0	
1/4	2,475.74	1/4	2,087.51	1/4	1,699.27	1/4	1,311.04	1/4	923.42	1/4	550.25	1/4	162.06	1/4		1/4		1/4	
1/2	2,467.65	1/2	2,079.42	1/2	1,691.19	1/2	1,302.95	1/2	915.64	1/2	542.17	1/2	153.98	1/2		1/2		1/2	
3/4	2,459.56	3/4	2,071.33	3/4	1,683.10	3/4	1,294.86	3/4	907.86	3/4	534.08	3/4	145.89	3/4		3/4		3/4	
1	2,451.48	1	2,063.24	1	1,675.01	1	1,286.78	1	900.08	1	525.99	1	137.80	1		1		1	
1/4	2,443.39	1/4	2,055.15	1/4	1,666.92	1/4	1,278.69	1/4	892.30	1/4	517.90	1/4	129.71	1/4		1/4		1/4	
1/2	2,435.30	1/2	2,047.07	1/2	1,658.83	1/2	1,270.60	1/2	884.54	1/2	509.82	1/2	121.63	1/2		1/2		1/2	
3/4	2,427.21	3/4	2,038.98	3/4	1,650.74	3/4	1,262.51	3/4	876.77	3/4	501.73	3/4	113.54	3/4		3/4		3/4	
2	2,419.12	2	2,030.89	2	1,642.66	2	1,254.42	2	869.01	2	493.64	2	105.45	2		2		2	
1/4	2,411.03	1/4	2,022.80	1/4	1,634.57	1/4	1,246.33	1/4	861.24	1/4	485.56	1/4	97.37	1/4		1/4		1/4	
1/2	2,402.95	1/2	2,014.71	1/2	1,626.48	1/2	1,238.25	1/2	853.49	1/2	477.47	1/2	89.28	1/2		1/2		1/2	
3/4	2,394.86	3/4	2,006.62	3/4	1,618.39	3/4	1,230.16	3/4	845.73	3/4	469.38	3/4	81.19	3/4		3/4		3/4	
3	2,386.77	3	1,998.54	3	1,610.30	3	1,222.07	3	837.98	3	461.29	3	73.10	3		3		3	
1/4	2,378.68	1/4	1,990.45	1/4	1,602.21	1/4	1,213.98	1/4	830.22	1/4	453.21	1/4	65.02	1/4		1/4		1/4	
1/2	2,370.59	1/2	1,982.36	1/2	1,594.13	1/2	1,205.89	1/2	822.47	1/2	445.12	1/2	57.94	1/2		1/2		1/2	
3/4	2,362.51	3/4	1,974.27	3/4	1,586.04	3/4	1,197.80	3/4	814.72	3/4	437.03	3/4	50.86	3/4		3/4		3/4	
4	2,354.42	4	1,966.18	4	1,577.95	4	1,189.72	4	806.96	4	428.94	4	43.78	4		4		4	
1/4	2,346.33	1/4	1,958.10	1/4	1,569.86	1/4	1,181.63	1/4	799.21	1/4	420.86	1/4	36.71	1/4		1/4		1/4	
1/2	2,338.24	1/2	1,950.01	1/2	1,561.77	1/2	1,173.54	1/2	791.45	1/2	412.77	1/2	31.65	1/2		1/2		1/2	
3/4	2,330.15	3/4	1,941.92	3/4	1,553.69	3/4	1,165.45	3/4	783.70	3/4	404.68	3/4	26.60	3/4		3/4		3/4	
5	2,322.06	5	1,933.83	5	1,545.60	5	1,157.36	5	775.95	5	396.60	5	21.54	5		5		5	
1/4	2,313.98	1/4	1,925.74	1/4	1,537.51	1/4	1,149.28	1/4	768.19	1/4	388.51	1/4	16.49	1/4		1/4		1/4	
1/2	2,305.89	1/2	1,917.65	1/2	1,529.42	1/2	1,141.19	1/2	760.44	1/2	380.42	1/2		1/2		1/2		1/2	
3/4	2,297.80	3/4	1,909.57	3/4	1,521.33	3/4	1,133.10	3/4	752.68	3/4	372.33	3/4		3/4		3/4		3/4	
6	2,289.71	6	1,901.48	6	1,513.24	6	1,125.01	6	744.93	6	364.25	6	6	6		6		6	
1/4	2,281.62	1/4	1,893.39	1/4	1,505.16	1/4	1,116.92	1/4	737.18	1/4	356.16	1/4		1/4		1/4		1/4	
1/2	2,273.54	1/2	1,885.30	1/2	1,497.07	1/2	1,108.83	1/2	729.42	1/2	348.07	1/2		1/2		1/2		1/2	
3/4	2,265.45	3/4	1,877.21	3/4	1,488.98	3/4	1,100.75	3/4	721.67	3/4	339.98	3/4		3/4		3/4		3/4	
7	2,257.36	7	1,869.13	7	1,480.89	7	1,092.66	7	713.91	7	331.90	7	7	7		7		7	
1/4	2,249.27	1/4	1,861.04	1/4	1,472.80	1/4	1,084.57	1/4	706.16	1/4	323.81	1/4		1/4		1/4		1/4	
1/2	2,241.18	1/2	1,852.95	1/2	1,464.72	1/2	1,076.48	1/2	698.41	1/2	315.72	1/2		1/2		1/2		1/2	
3/4	2,233.09	3/4	1,844.86	3/4	1,456.63	3/4	1,068.39	3/4	690.66	3/4	307.64	3/4		3/4		3/4		3/4	
8	2,225.01	8	1,836.77	8	1,448.54	8	1,060.31	8	682.90	8	299.55	8	8	8		8		8	
1/4	2,216.92	1/4	1,828.68	1/4	1,440.45	1/4	1,052.22	1/4	675.15	1/4	291.46	1/4		1/4		1/4		1/4	
1/2	2,208.83	1/2	1,820.60	1/2	1,432.36	1/2	1,044.13	1/2	667.40	1/2	283.37	1/2		1/2		1/2		1/2	
3/4	2,200.74	3/4	1,812.51	3/4	1,424.27	3/4	1,036.04	3/4	659.65	3/4	275.29	3/4		3/4		3/4		3/4	
9	2,192.65	9	1,804.42	9	1,416.19	9	1,027.95	9	651.90	9	267.20	9	9	9		9		9	
1/4	2,184.57	1/4	1,796.33	1/4	1,408.10	1/4	1,019.86	1/4	644.14	1/4	259.11	1/4		1/4		1/4		1/4	
1/2	2,176.48	1/2	1,788.24	1/2	1,400.01	1/2	1,011.78	1/2	636.38	1/2	251.02	1/2		1/2		1/2		1/2	
3/4	2,168.39	3/4	1,780.16	3/4	1,391.92	3/4	1,003.69	3/4	628.62	3/4	242.94	3/4		3/4		3/4		3/4	
10	2,160.30	10	1,772.07	10	1,383.83	10	995.60	10	620.86	10	234.85	10	10	10		10		10	
1/4	2,152.21	1/4	1,763.98	1/4	1,375.75	1/4	987.51	1/4	613.09	1/4	226.76	1/4		1/4		1/4		1/4	
1/2	2,144.12	1/2	1,755.89	1/2	1,367.66	1/2	979.42	1/2	605.32	1/2	218.67	1/2		1/2		1/2		1/2	
3/4	2,136.04	3/4	1,747.80	3/4	1,359.57	3/4	971.34	3/4	597.54	3/4	210.59	3/4		3/4		3/4		3/4	
11	2,127.95	11	1,739.71	11	1,351.48	11	963.25	11	589.76	11	202.50	11	11	11		11		11	
1/4	2,119.86	1/4	1,731.63	1/4	1,343.39	1/4	955.16	1/4	581.99	1/4	194.41	1/4		1/4		1/4		1/4	
1/2	2,111.77	1/2	1,723.54	1/2	1,335.30	1/2	947.22	1/2	574.05	1/2	186.33	1/2		1/2		1/2		1/2	
3/4	2,103.68	3/4	1,715.45	3/4	1,327.22	3/4	939.29	3/4	566.12	3/4	178.24	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 002/23/2007 CL - SW
CALCULATED: 02/26/2007 CL
PRINTED: 02/27/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 28050"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,498.59	0	4,242.85	0	3,974.35	0	3,693.37	0	3,399.57	0	3,044.71	0	2,683.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,493.36	1/4	4,237.41	1/4	3,968.63	1/4	3,687.40	1/4	3,393.02	1/4	3,037.20	1/4	2,676.33		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,488.11	1/2	4,231.96	1/2	3,962.88	1/2	3,681.40	1/2	3,386.20	1/2	3,029.68	1/2	2,668.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,482.87	3/4	4,226.50	3/4	3,957.14	3/4	3,675.41	3/4	3,379.38	3/4	3,022.16	3/4	2,661.30		
1		1		1		1	4,477.62	1	4,221.04	1	3,951.39	1	3,669.42	1	3,372.56	1	3,014.65	1	2,653.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,472.37	1/4	4,215.59	1/4	3,945.64	1/4	3,663.42	1/4	3,365.73	1/4	3,007.13	1/4	2,646.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,467.11	1/2	4,210.11	1/2	3,939.88	1/2	3,657.40	1/2	3,358.63	1/2	2,999.61	1/2	2,638.74		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,461.84	3/4	4,204.63	3/4	3,934.12	3/4	3,651.38	3/4	3,351.53	3/4	2,992.09	3/4	2,631.22		
2		2		2		2	4,456.58	2	4,199.15	2	3,928.35	2	3,645.36	2	3,344.43	2	2,984.58	2	2,623.70		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,451.31	1/4	4,193.67	1/4	3,922.59	1/4	3,639.34	1/4	3,337.33	1/4	2,977.06	1/4	2,616.18		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,446.03	1/2	4,188.17	1/2	3,916.80	1/2	3,633.31	1/2	3,329.95	1/2	2,969.54	1/2	2,608.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,440.74	3/4	4,182.67	3/4	3,911.02	3/4	3,627.27	3/4	3,322.58	3/4	2,962.02	3/4	2,601.15		
3		3		3		3	4,435.45	3	4,177.17	3	3,905.24	3	3,621.23	3	3,315.20	3	2,954.51	3	2,593.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,430.16	1/4	4,171.68	1/4	3,899.45	1/4	3,615.20	1/4	3,307.82	1/4	2,946.99	1/4	2,586.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,424.89	1/2	4,166.12	1/2	3,893.64	1/2	3,609.14	1/2	3,300.30	1/2	2,939.47	1/2	2,578.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,419.62	3/4	4,160.57	3/4	3,887.84	3/4	3,603.09	3/4	3,292.79	3/4	2,931.95	3/4	2,571.07		
4		4		4		4	4,414.35	4	4,155.01	4	3,882.03	4	3,597.03	4	3,285.27	4	2,924.44	4	2,563.55		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,409.08	1/4	4,149.46	1/4	3,876.22	1/4	3,590.98	1/4	3,277.75	1/4	2,916.92	1/4	2,556.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,403.79	1/2	4,143.88	1/2	3,870.40	1/2	3,584.90	1/2	3,270.23	1/2	2,909.40	1/2	2,548.51		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,398.50	3/4	4,138.30	3/4	3,864.57	3/4	3,578.81	3/4	3,262.72	3/4	2,901.89	3/4	2,540.99		
5		5		5		5	4,393.21	5	4,132.72	5	3,858.74	5	3,572.73	5	3,255.20	5	2,894.37	5	2,533.48		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,387.92	1/4	4,127.14	1/4	3,852.92	1/4	3,566.65	1/4	3,247.68	1/4	2,886.85	1/4	2,525.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,382.60	1/2	4,121.55	1/2	3,847.06	1/2	3,560.55	1/2	3,240.16	1/2	2,879.33	1/2	2,518.44		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,377.29	3/4	4,115.95	3/4	3,841.21	3/4	3,554.46	3/4	3,232.65	3/4	2,871.82	3/4	2,510.92		
6		6		6		6	4,371.98	6	4,110.35	6	3,835.36	6	3,548.36	6	3,225.13	6	2,864.30	6	2,503.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,366.66	1/4	4,104.75	1/4	3,829.51	1/4	3,542.26	1/4	3,217.61	1/4	2,856.78	1/4	2,495.88		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,361.33	1/2	4,099.13	1/2	3,823.64	1/2	3,536.14	1/2	3,210.10	1/2	2,849.26	1/2	2,488.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,621.52	3/4	4,356.00	3/4	4,093.51	3/4	3,817.77	3/4	3,530.02	3/4	3,202.58	3/4	2,841.75	3/4	2,480.84
7		7		7		7	4,616.92	7	4,350.66	7	4,087.88	7	3,811.90	7	3,523.91	7	3,195.06	7	2,834.23	7	2,473.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,612.32	1/4	4,345.33	1/4	4,082.26	1/4	3,806.03	1/4	3,517.79	1/4	3,187.54	1/4	2,826.71	1/4	2,465.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,606.20	1/2	4,339.97	1/2	4,076.62	1/2	3,800.14	1/2	3,511.66	1/2	3,180.03	1/2	2,819.19	1/2	2,458.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,600.07	3/4	4,334.62	3/4	4,070.98	3/4	3,794.25	3/4	3,505.54	3/4	3,172.51	3/4	2,811.67	3/4	2,450.77
8		8		8		8	4,593.94	8	4,329.26	8	4,065.34	8	3,788.37	8	3,499.41	8	3,164.99	8	2,804.16	8	2,443.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,587.81	1/4	4,323.90	1/4	4,059.70	1/4	3,782.48	1/4	3,493.28	1/4	3,157.47	1/4	2,796.64	1/4	2,435.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,581.68	1/2	4,318.53	1/2	4,054.04	1/2	3,776.56	1/2	3,487.15	1/2	3,149.96	1/2	2,789.12	1/2	2,428.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,575.55	3/4	4,313.15	3/4	4,048.38	3/4	3,770.65	3/4	3,481.03	3/4	3,142.44	3/4	2,781.60	3/4	2,420.69
9		9		9		9	4,569.42	9	4,307.78	9	4,042.72	9	3,764.74	9	3,474.90	9	3,134.92	9	2,774.08	9	2,413.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,563.30	1/4	4,302.40	1/4	4,037.06	1/4	3,758.82	1/4	3,468.77	1/4	3,127.40	1/4	2,766.56	1/4	2,405.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,557.17	1/2	4,297.01	1/2	4,031.38	1/2	3,752.89	1/2	3,462.65	1/2	3,119.89	1/2	2,759.04	1/2	2,398.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,551.04	3/4	4,291.62	3/4	4,025.69	3/4	3,746.96	3/4	3,456.52	3/4	3,112.37	3/4	2,751.52	3/4	2,390.62
10		10		10		10	4,544.91	10	4,286.22	10	4,020.01	10	3,741.03	10	3,450.39	10	3,104.85	10	2,744.00	10	2,383.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,538.78	1/4	4,280.83	1/4	4,014.32	1/4	3,735.10	1/4	3,444.26	1/4	3,097.34	1/4	2,736.49	1/4	2,375.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,532.65	1/2	4,275.41	1/2	4,008.62	1/2	3,729.15	1/2	3,438.00	1/2	3,089.82	1/2	2,728.97	1/2	2,368.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,526.53	3/4	4,269.99	3/4	4,002.92	3/4	3,723.20	3/4	3,431.73	3/4	3,082.30	3/4	2,721.45	3/4	2,360.54
11		11		11		11	4,520.40	11	4,264.57	11	3,997.22	11	3,717.25	11	3,425.46	11	3,074.78	11	2,713.93	11	2,353.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,514.27	1/4	4,259.16	1/4	3,991.51	1/4	3,711.30	1/4	3,419.20	1/4	3,067.27	1/4	2,706.41	1/4	2,345.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,509.04	1/2	4,253.72	1/2	3,985.79	1/2	3,705.32	1/2	3,412.65	1/2	3,059.75	1/2	2,698.89	1/2	2,337.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,503.81	3/4	4,248.28	3/4	3,980.07	3/4	3,699.35	3/4	3,406.11	3/4	3,052.23	3/4	2,691.37	3/4	2,330.47

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28050"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,322.95	0	1,962.04	0	1,601.13	0	1,240.22	0	880.09	0	519.22	0	158.33	0		0		0	
1/4	2,315.43	1/4	1,954.52	1/4	1,593.61	1/4	1,232.71	1/4	872.59	1/4	511.70	1/4	150.82	1/4		1/4		1/4	
1/2	2,307.91	1/2	1,947.00	1/2	1,586.09	1/2	1,225.19	1/2	865.07	1/2	504.19	1/2	143.30	1/2		1/2		1/2	
3/4	2,300.39	3/4	1,939.48	3/4	1,578.58	3/4	1,217.67	3/4	857.56	3/4	496.67	3/4	135.78	3/4		3/4		3/4	
1	2,292.87	1	1,931.96	1	1,571.06	1	1,210.15	1	850.04	1	489.15	1	128.26	1		1		1	
1/4	2,285.35	1/4	1,924.44	1/4	1,563.54	1/4	1,202.63	1/4	842.52	1/4	481.63	1/4	120.74	1/4		1/4		1/4	
1/2	2,277.83	1/2	1,916.93	1/2	1,556.02	1/2	1,195.11	1/2	835.00	1/2	474.11	1/2	113.22	1/2		1/2		1/2	
3/4	2,270.31	3/4	1,909.41	3/4	1,548.50	3/4	1,187.59	3/4	827.48	3/4	466.59	3/4	105.71	3/4		3/4		3/4	
2	2,262.80	2	1,901.89	2	1,540.98	2	1,180.07	2	819.96	2	459.07	2	98.19	2		2		2	
1/4	2,255.28	1/4	1,894.37	1/4	1,533.46	1/4	1,172.55	1/4	812.44	1/4	451.56	1/4	90.67	1/4		1/4		1/4	
1/2	2,247.76	1/2	1,886.85	1/2	1,525.94	1/2	1,165.04	1/2	804.93	1/2	444.04	1/2	83.15	1/2		1/2		1/2	
3/4	2,240.24	3/4	1,879.33	3/4	1,518.42	3/4	1,157.52	3/4	797.41	3/4	436.52	3/4	75.63	3/4		3/4		3/4	
3	2,232.72	3	1,871.81	3	1,510.91	3	1,150.00	3	789.89	3	429.00	3	68.11	3		3		3	
1/4	2,225.20	1/4	1,864.29	1/4	1,503.39	1/4	1,142.48	1/4	782.37	1/4	421.48	1/4	60.59	1/4		1/4		1/4	
1/2	2,217.68	1/2	1,856.77	1/2	1,495.87	1/2	1,134.96	1/2	774.85	1/2	413.96	1/2	54.01	1/2		1/2		1/2	
3/4	2,210.16	3/4	1,849.26	3/4	1,488.35	3/4	1,127.44	3/4	767.33	3/4	406.45	3/4	47.44	3/4		3/4		3/4	
4	2,202.64	4	1,841.74	4	1,480.83	4	1,119.92	4	759.81	4	398.93	4	40.86	4		4		4	
1/4	2,195.13	1/4	1,834.22	1/4	1,473.31	1/4	1,112.40	1/4	752.30	1/4	391.41	1/4	34.28	1/4		1/4		1/4	
1/2	2,187.61	1/2	1,826.70	1/2	1,465.79	1/2	1,104.91	1/2	744.78	1/2	383.89	1/2	29.58	1/2		1/2		1/2	
3/4	2,180.09	3/4	1,819.18	3/4	1,458.27	3/4	1,097.42	3/4	737.26	3/4	376.37	3/4	24.88	3/4		3/4		3/4	
5	2,172.57	5	1,811.66	5	1,450.75	5	1,089.92	5	729.74	5	368.85	5	20.18	5		5		5	
1/4	2,165.05	1/4	1,804.14	1/4	1,443.24	1/4	1,082.43	1/4	722.22	1/4	361.33	1/4	15.48	1/4		1/4		1/4	
1/2	2,157.53	1/2	1,796.62	1/2	1,435.72	1/2	1,074.93	1/2	714.70	1/2	353.82	1/2		1/2		1/2		1/2	
3/4	2,150.01	3/4	1,789.10	3/4	1,428.20	3/4	1,067.44	3/4	707.19	3/4	346.30	3/4		3/4		3/4		3/4	
6	2,142.49	6	1,781.59	6	1,420.68	6	1,059.94	6	699.67	6	338.78	6	6	6		6		6	
1/4	2,134.97	1/4	1,774.07	1/4	1,413.16	1/4	1,052.45	1/4	692.15	1/4	331.26	1/4		1/4		1/4		1/4	
1/2	2,127.46	1/2	1,766.55	1/2	1,405.64	1/2	1,044.96	1/2	684.63	1/2	323.74	1/2		1/2		1/2		1/2	
3/4	2,119.94	3/4	1,759.03	3/4	1,398.12	3/4	1,037.46	3/4	677.11	3/4	316.22	3/4		3/4		3/4		3/4	
7	2,112.42	7	1,751.51	7	1,390.60	7	1,029.97	7	669.59	7	308.70	7	7	7		7		7	
1/4	2,104.90	1/4	1,743.99	1/4	1,383.08	1/4	1,022.47	1/4	662.07	1/4	301.19	1/4		1/4		1/4		1/4	
1/2	2,097.38	1/2	1,736.47	1/2	1,375.57	1/2	1,014.98	1/2	654.56	1/2	293.67	1/2		1/2		1/2		1/2	
3/4	2,089.86	3/4	1,728.95	3/4	1,368.05	3/4	1,007.49	3/4	647.04	3/4	286.15	3/4		3/4		3/4		3/4	
8	2,082.34	8	1,721.43	8	1,360.53	8	999.99	8	639.52	8	278.63	8	8	8		8		8	
1/4	2,074.82	1/4	1,713.92	1/4	1,353.01	1/4	992.50	1/4	632.00	1/4	271.11	1/4		1/4		1/4		1/4	
1/2	2,067.30	1/2	1,706.40	1/2	1,345.49	1/2	985.00	1/2	624.48	1/2	263.59	1/2		1/2		1/2		1/2	
3/4	2,059.78	3/4	1,698.88	3/4	1,337.97	3/4	977.51	3/4	616.96	3/4	256.08	3/4		3/4		3/4		3/4	
9	2,052.27	9	1,691.36	9	1,330.45	9	970.02	9	609.44	9	248.56	9	9	9		9		9	
1/4	2,044.75	1/4	1,683.84	1/4	1,322.93	1/4	962.52	1/4	601.93	1/4	241.04	1/4		1/4		1/4		1/4	
1/2	2,037.23	1/2	1,676.32	1/2	1,315.41	1/2	955.03	1/2	594.41	1/2	233.52	1/2		1/2		1/2		1/2	
3/4	2,029.71	3/4	1,668.80	3/4	1,307.89	3/4	947.53	3/4	586.89	3/4	226.00	3/4		3/4		3/4		3/4	
10	2,022.19	10	1,661.28	10	1,300.38	10	940.04	10	579.37	10	218.48	10	10	10		10		10	
1/4	2,014.67	1/4	1,653.76	1/4	1,292.86	1/4	932.55	1/4	571.85	1/4	210.96	1/4		1/4		1/4		1/4	
1/2	2,007.15	1/2	1,646.25	1/2	1,285.34	1/2	925.05	1/2	564.33	1/2	203.45	1/2		1/2		1/2		1/2	
3/4	1,999.63	3/4	1,638.73	3/4	1,277.82	3/4	917.56	3/4	556.82	3/4	195.93	3/4		3/4		3/4		3/4	
11	1,992.11	11	1,631.21	11	1,270.30	11	910.06	11	549.30	11	188.41	11	11	11		11		11	
1/4	1,984.60	1/4	1,623.69	1/4	1,262.78	1/4	902.57	1/4	541.78	1/4	180.89	1/4		1/4		1/4		1/4	
1/2	1,977.08	1/2	1,616.17	1/2	1,255.26	1/2	895.07	1/2	534.26	1/2	173.37	1/2		1/2		1/2		1/2	
3/4	1,969.56	3/4	1,608.65	3/4	1,247.74	3/4	887.58	3/4	526.74	3/4	165.85	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 002/23/2007 CL - SW
CALCULATED: 02/26/2007 CL
PRINTED: 02/27/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2007

PRECISION MEASUREMENT
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BARGE "KIRBY 28050"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,476.60	0	4,220.82	0	3,952.29	0	3,671.27	0	3,377.42	0	3,023.00	0	2,662.76		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,471.37	1/4	4,215.39	1/4	3,946.56	1/4	3,665.29	1/4	3,370.87	1/4	3,015.50	1/4	2,655.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,466.12	1/2	4,209.93	1/2	3,940.82	1/2	3,659.30	1/2	3,364.05	1/2	3,007.99	1/2	2,647.75		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,460.88	3/4	4,204.47	3/4	3,935.07	3/4	3,653.30	3/4	3,357.23	3/4	3,000.49	3/4	2,640.24		
1		1		1		1	4,455.63	1	4,199.02	1	3,929.32	1	3,647.31	1	3,350.40	1	2,992.98	1	2,632.74		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,450.39	1/4	4,193.56	1/4	3,923.58	1/4	3,641.32	1/4	3,343.58	1/4	2,985.48	1/4	2,625.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,445.12	1/2	4,188.08	1/2	3,917.81	1/2	3,635.30	1/2	3,336.48	1/2	2,977.98	1/2	2,617.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,439.85	3/4	4,182.60	3/4	3,912.05	3/4	3,629.27	3/4	3,329.38	3/4	2,970.47	3/4	2,610.22		
2		2		2		2	4,434.59	2	4,177.12	2	3,906.28	2	3,623.25	2	3,322.28	2	2,962.97	2	2,602.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,429.32	1/4	4,171.64	1/4	3,900.52	1/4	3,617.23	1/4	3,315.18	1/4	2,955.46	1/4	2,595.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,424.03	1/2	4,166.14	1/2	3,894.73	1/2	3,611.19	1/2	3,307.80	1/2	2,947.96	1/2	2,587.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,418.74	3/4	4,160.64	3/4	3,888.95	3/4	3,605.16	3/4	3,300.42	3/4	2,940.45	3/4	2,580.20		
3		3		3		3	4,413.45	3	4,155.14	3	3,883.16	3	3,599.12	3	3,293.04	3	2,932.95	3	2,572.69		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,408.16	1/4	4,149.64	1/4	3,877.38	1/4	3,593.08	1/4	3,285.66	1/4	2,925.44	1/4	2,565.19		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,402.89	1/2	4,144.09	1/2	3,871.57	1/2	3,587.03	1/2	3,278.16	1/2	2,917.94	1/2	2,557.68		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,397.62	3/4	4,138.53	3/4	3,865.76	3/4	3,580.97	3/4	3,270.65	3/4	2,910.43	3/4	2,550.18		
4		4		4		4	4,392.35	4	4,132.98	4	3,859.95	4	3,574.92	4	3,263.15	4	2,902.93	4	2,542.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,387.08	1/4	4,127.42	1/4	3,854.15	1/4	3,568.86	1/4	3,255.65	1/4	2,895.42	1/4	2,535.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,381.79	1/2	4,121.84	1/2	3,848.32	1/2	3,562.78	1/2	3,248.14	1/2	2,887.92	1/2	2,527.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,376.50	3/4	4,116.26	3/4	3,842.49	3/4	3,556.69	3/4	3,240.64	3/4	2,880.42	3/4	2,520.15		
5		5		5		5	4,371.20	5	4,110.68	5	3,836.66	5	3,550.61	5	3,233.13	5	2,872.91	5	2,512.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,365.91	1/4	4,105.10	1/4	3,830.84	1/4	3,544.53	1/4	3,225.63	1/4	2,865.41	1/4	2,505.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,360.60	1/2	4,099.51	1/2	3,824.98	1/2	3,538.43	1/2	3,218.12	1/2	2,857.90	1/2	2,497.64		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,355.29	3/4	4,093.91	3/4	3,819.13	3/4	3,532.33	3/4	3,210.62	3/4	2,850.40	3/4	2,490.13		
6		6		6		6	4,349.97	6	4,088.31	6	3,813.28	6	3,526.23	6	3,203.11	6	2,842.89	6	2,482.62		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,344.66	1/4	4,082.71	1/4	3,807.42	1/4	3,520.13	1/4	3,195.61	1/4	2,835.39	1/4	2,475.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,339.32	1/2	4,077.09	1/2	3,801.55	1/2	3,514.02	1/2	3,188.10	1/2	2,827.88	1/2	2,467.62		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,599.55	3/4	4,071.46	3/4	3,795.68	3/4	3,507.90	3/4	3,180.60	3/4	2,820.38	3/4	2,460.11		
7		7		7		7	4,594.95	7	4,065.84	7	3,789.81	7	3,501.78	7	3,173.10	7	2,812.87	7	2,452.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,590.35	1/4	4,060.21	1/4	3,783.94	1/4	3,495.66	1/4	3,165.59	1/4	2,805.37	1/4	2,445.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,584.23	1/2	4,317.97	1/2	4,054.57	1/2	3,778.05	1/2	3,489.53	1/2	3,158.09	1/2	2,797.86	1/2	2,437.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,578.10	3/4	4,312.61	3/4	4,048.93	3/4	3,772.17	3/4	3,483.40	3/4	3,150.58	3/4	2,790.36	3/4	2,430.11
8		8		8		8	4,571.97	8	4,307.25	8	4,043.29	8	3,766.28	8	3,477.28	8	3,143.08	8	2,782.85	8	2,422.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,565.84	1/4	4,301.89	1/4	4,037.65	1/4	3,760.39	1/4	3,471.15	1/4	3,135.57	1/4	2,775.35	1/4	2,415.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,559.71	1/2	4,296.52	1/2	4,031.99	1/2	3,754.47	1/2	3,465.02	1/2	3,128.07	1/2	2,767.84	1/2	2,407.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,553.58	3/4	4,291.14	3/4	4,026.33	3/4	3,748.56	3/4	3,458.89	3/4	3,120.56	3/4	2,760.34	3/4	2,400.10
9		9		9		9	4,547.45	9	4,285.77	9	4,020.67	9	3,742.64	9	3,452.76	9	3,113.06	9	2,752.83	9	2,392.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,541.32	1/4	4,280.39	1/4	4,015.01	1/4	3,736.73	1/4	3,446.64	1/4	3,105.55	1/4	2,745.32	1/4	2,385.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,535.19	1/2	4,275.00	1/2	4,009.32	1/2	3,730.80	1/2	3,440.51	1/2	3,098.05	1/2	2,737.82	1/2	2,377.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,529.06	3/4	4,269.60	3/4	4,003.64	3/4	3,724.86	3/4	3,434.38	3/4	3,090.54	3/4	2,730.31	3/4	2,370.09
10		10		10		10	4,522.93	10	4,264.21	10	3,997.95	10	3,718.93	10	3,428.25	10	3,083.04	10	2,722.81	10	2,362.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,516.80	1/4	4,258.81	1/4	3,992.27	1/4	3,713.00	1/4	3,422.12	1/4	3,075.54	1/4	2,715.30	1/4	2,355.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,510.67	1/2	4,253.39	1/2	3,986.56	1/2	3,707.05	1/2	3,415.86	1/2	3,068.03	1/2	2,707.80	1/2	2,347.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,504.54	3/4	4,247.97	3/4	3,980.86	3/4	3,701.10	3/4	3,409.59	3/4	3,060.53	3/4	2,700.29	3/4	2,340.08
11		11		11		11	4,498.42	11	4,242.55	11	3,975.16	11	3,695.15	11	3,403.32	11	3,053.02	11	2,692.78	11	2,332.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,492.29	1/4	4,237.14	1/4	3,969.45	1/4	3,689.19	1/4	3,397.06	1/4	3,045.52	1/4	2,685.28	1/4	2,325.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,487.06	1/2	4,231.70	1/2	3,963.73	1/2	3,683.22	1/2	3,390.51	1/2	3,038.01	1/2	2,677.77	1/2	2,317.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,481.83	3/4	4,226.26	3/4	3,958.01	3/4	3,677.24	3/4	3,383.97	3/4	3,030.51	3/4	2,670.27	3/4	2,310.07

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 28050"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	2,302.57	0	1,943.50	0	1,585.09	0	1,224.77	0	871.08	0	518.39	0	158.35	0		0		0	
1/4	2,295.07	1/4	1,936.06	1/4	1,577.58	1/4	1,217.26	1/4	863.71	1/4	511.02	1/4	150.83	1/4		1/4		1/4	
1/2	2,287.56	1/2	1,928.62	1/2	1,570.08	1/2	1,209.89	1/2	856.34	1/2	503.58	1/2	143.31	1/2		1/2		1/2	
3/4	2,280.05	3/4	1,921.18	3/4	1,562.57	3/4	1,202.52	3/4	848.97	3/4	496.14	3/4	135.79	3/4		3/4		3/4	
1	2,272.55	1	1,913.74	1	1,555.06	1	1,195.15	1	841.60	1	488.70	1	128.27	1		1		1	
1/4	2,265.04	1/4	1,906.30	1/4	1,547.56	1/4	1,187.78	1/4	834.23	1/4	481.26	1/4	120.75	1/4		1/4		1/4	
1/2	2,257.53	1/2	1,898.86	1/2	1,540.05	1/2	1,180.41	1/2	826.87	1/2	473.75	1/2	113.23	1/2		1/2		1/2	
3/4	2,250.03	3/4	1,891.42	3/4	1,532.54	3/4	1,173.04	3/4	819.50	3/4	466.24	3/4	105.71	3/4		3/4		3/4	
2	2,242.52	2	1,883.98	2	1,525.04	2	1,165.67	2	812.13	2	458.74	2	98.19	2		2		2	
1/4	2,235.01	1/4	1,876.54	1/4	1,517.53	1/4	1,158.30	1/4	804.77	1/4	451.23	1/4	90.68	1/4		1/4		1/4	
1/2	2,227.51	1/2	1,869.10	1/2	1,510.02	1/2	1,150.93	1/2	797.42	1/2	443.72	1/2	83.16	1/2		1/2		1/2	
3/4	2,220.00	3/4	1,861.65	3/4	1,502.52	3/4	1,143.56	3/4	790.07	3/4	436.21	3/4	75.64	3/4		3/4		3/4	
3	2,212.49	3	1,854.21	3	1,495.01	3	1,136.19	3	782.72	3	428.71	3	68.12	3		3		3	
1/4	2,204.99	1/4	1,846.77	1/4	1,487.50	1/4	1,128.82	1/4	775.37	1/4	421.20	1/4	60.60	1/4		1/4		1/4	
1/2	2,197.48	1/2	1,839.33	1/2	1,480.00	1/2	1,121.45	1/2	768.03	1/2	413.69	1/2	54.02	1/2		1/2		1/2	
3/4	2,189.97	3/4	1,831.89	3/4	1,472.49	3/4	1,114.08	3/4	760.69	3/4	406.18	3/4	47.44	3/4		3/4		3/4	
4	2,182.47	4	1,824.45	4	1,464.98	4	1,106.71	4	753.36	4	398.68	4	40.86	4		4		4	
1/4	2,174.96	1/4	1,817.01	1/4	1,457.48	1/4	1,099.34	1/4	746.02	1/4	391.17	1/4	34.28	1/4		1/4		1/4	
1/2	2,167.45	1/2	1,809.57	1/2	1,449.97	1/2	1,091.98	1/2	738.68	1/2	383.66	1/2	29.58	1/2		1/2		1/2	
3/4	2,159.95	3/4	1,802.13	3/4	1,442.46	3/4	1,084.61	3/4	731.34	3/4	376.15	3/4	24.88	3/4		3/4		3/4	
5	2,152.44	5	1,794.69	5	1,434.96	5	1,077.25	5	724.01	5	368.65	5	20.18	5		5		5	
1/4	2,144.93	1/4	1,787.25	1/4	1,427.45	1/4	1,069.89	1/4	716.67	1/4	361.14	1/4	15.48	1/4		1/4		1/4	
1/2	2,137.43	1/2	1,779.80	1/2	1,419.94	1/2	1,062.52	1/2	709.33	1/2	353.63	1/2		1/2		1/2		1/2	
3/4	2,129.92	3/4	1,772.36	3/4	1,412.44	3/4	1,055.16	3/4	701.99	3/4	346.12	3/4		3/4		3/4		3/4	
6	2,122.41	6	1,764.92	6	1,404.93	6	1,047.80	6	694.65	6	338.61	6	6	6		6		6	
1/4	2,114.91	1/4	1,757.48	1/4	1,397.42	1/4	1,040.43	1/4	687.32	1/4	331.11	1/4		1/4		1/4		1/4	
1/2	2,107.40	1/2	1,750.04	1/2	1,389.92	1/2	1,033.07	1/2	679.98	1/2	323.60	1/2		1/2		1/2		1/2	
3/4	2,099.89	3/4	1,742.60	3/4	1,382.41	3/4	1,025.71	3/4	672.64	3/4	316.09	3/4		3/4		3/4		3/4	
7	2,092.39	7	1,735.16	7	1,374.90	7	1,018.34	7	665.30	7	308.58	7	7	7		7		7	
1/4	2,084.88	1/4	1,727.72	1/4	1,367.40	1/4	1,010.98	1/4	657.96	1/4	301.08	1/4		1/4		1/4		1/4	
1/2	2,077.44	1/2	1,720.21	1/2	1,359.89	1/2	1,003.62	1/2	650.62	1/2	293.57	1/2		1/2		1/2		1/2	
3/4	2,070.00	3/4	1,712.70	3/4	1,352.38	3/4	996.25	3/4	643.28	3/4	286.06	3/4		3/4		3/4		3/4	
8	2,062.56	8	1,705.20	8	1,344.88	8	988.89	8	635.95	8	278.55	8	8	8		8		8	
1/4	2,055.12	1/4	1,697.69	1/4	1,337.37	1/4	981.53	1/4	628.61	1/4	271.05	1/4		1/4		1/4		1/4	
1/2	2,047.68	1/2	1,690.18	1/2	1,329.86	1/2	974.16	1/2	621.27	1/2	263.54	1/2		1/2		1/2		1/2	
3/4	2,040.24	3/4	1,682.68	3/4	1,322.36	3/4	966.80	3/4	613.93	3/4	256.03	3/4		3/4		3/4		3/4	
9	2,032.79	9	1,675.17	9	1,314.85	9	959.44	9	606.59	9	248.52	9	9	9		9		9	
1/4	2,025.35	1/4	1,667.66	1/4	1,307.34	1/4	952.07	1/4	599.25	1/4	241.02	1/4		1/4		1/4		1/4	
1/2	2,017.91	1/2	1,660.16	1/2	1,299.84	1/2	944.71	1/2	591.91	1/2	233.51	1/2		1/2		1/2		1/2	
3/4	2,010.47	3/4	1,652.65	3/4	1,292.33	3/4	937.35	3/4	584.57	3/4	226.00	3/4		3/4		3/4		3/4	
10	2,003.03	10	1,645.14	10	1,284.82	10	929.98	10	577.24	10	218.49	10	10	10		10		10	
1/4	1,995.59	1/4	1,637.64	1/4	1,277.32	1/4	922.62	1/4	569.90	1/4	210.99	1/4		1/4		1/4		1/4	
1/2	1,988.15	1/2	1,630.13	1/2	1,269.81	1/2	915.26	1/2	562.55	1/2	203.47	1/2		1/2		1/2		1/2	
3/4	1,980.71	3/4	1,622.62	3/4	1,262.30	3/4	907.89	3/4	555.19	3/4	195.95	3/4		3/4		3/4		3/4	
11	1,973.27	11	1,615.12	11	1,254.80	11	900.53	11	547.84	11	188.43	11	11	11		11		11	
1/4	1,965.83	1/4	1,607.61	1/4	1,247.29	1/4	893.17	1/4	540.49	1/4	180.91	1/4		1/4		1/4		1/4	
1/2	1,958.39	1/2	1,600.10	1/2	1,239.78	1/2	885.80	1/2	533.12	1/2	173.39	1/2		1/2		1/2		1/2	
3/4	1,950.94	3/4	1,592.60	3/4	1,232.28	3/4	878.44	3/4	525.75	3/4	165.87	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 02/26/2007 CL
PRINTED: 02/27/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2007

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