



BARGE "KIRBY 30010"

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	00-0/8	00-0/8	00-0/8	00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 6'-00"
 AFT DRAFT = 9'-00"
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 1 PORT IS -00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 1'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 0'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 257.50'

April 20, 2010

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

<http://www.pmacorp.net>



BARGE "KIRBY 30010"

1 PORT ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-03"

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	0	0	5,330.49	0	4,953.38	0	4,561.50	0	4,156.51	0	3,748.43	0	3,340.35	0	2,932.27				
1/4	1/4	1/4	1/4	1/4	1/4	5,322.77	1/4	4,945.35	1/4	4,553.19	1/4	4,148.01	1/4	3,739.93	1/4	3,331.85	1/4	2,923.77				
1/2	1/2	1/2	1/2	1/2	1/2	5,315.06	1/2	4,937.31	1/2	4,544.87	1/2	4,139.51	1/2	3,731.43	1/2	3,323.35	1/2	2,915.27				
3/4	3/4	3/4	3/4	3/4	3/4	5,595.05	3/4	5,307.34	3/4	4,929.28	3/4	4,536.56	3/4	4,131.00	3/4	3,722.92	3/4	3,314.84	3/4	2,906.76		
1	1	1	1	1	1	5,594.35	1	5,299.62	1	4,921.24	1	4,528.24	1	4,122.50	1	3,714.42	1	3,306.34	1	2,898.26		
1/4	1/4	1/4	1/4	1/4	1/4	5,593.27	1/4	5,291.88	1/4	4,913.19	1/4	4,519.90	1/4	4,114.00	1/4	3,705.92	1/4	3,297.84	1/4	2,889.76		
1/2	1/2	1/2	1/2	1/2	1/2	5,592.19	1/2	5,284.14	1/2	4,905.14	1/2	4,511.56	1/2	4,105.50	1/2	3,697.42	1/2	3,289.34	1/2	2,881.26		
3/4	3/4	3/4	3/4	3/4	3/4	5,591.10	3/4	5,276.40	3/4	4,897.08	3/4	4,503.22	3/4	4,097.00	3/4	3,688.92	3/4	3,280.83	3/4	2,872.75		
2	2	2	2	2	2	5,590.02	2	5,268.66	2	4,889.03	2	4,494.88	2	4,088.50	2	3,680.42	2	3,272.33	2	2,864.25		
1/4	1/4	1/4	1/4	1/4	1/4	5,587.42	1/4	5,260.90	1/4	4,880.96	1/4	4,486.52	1/4	4,080.00	1/4	3,671.92	1/4	3,263.83	1/4	2,855.75		
1/2	1/2	1/2	1/2	1/2	1/2	5,584.83	1/2	5,253.13	1/2	4,872.89	1/2	4,478.16	1/2	4,071.50	1/2	3,663.42	1/2	3,255.33	1/2	2,847.25		
3/4	3/4	3/4	3/4	3/4	3/4	5,582.23	3/4	5,245.37	3/4	4,864.81	3/4	4,469.79	3/4	4,062.99	3/4	3,654.91	3/4	3,246.83	3/4	2,838.75		
3	3	3	3	3	3	5,579.63	3	5,237.60	3	4,856.74	3	4,461.43	3	4,054.49	3	3,646.41	3	3,238.33	3	2,830.25		
1/4	1/4	1/4	1/4	1/4	1/4	5,575.52	1/4	5,229.81	1/4	4,848.64	1/4	4,453.04	1/4	4,045.99	1/4	3,637.91	1/4	3,229.83	1/4	2,821.75		
1/2	1/2	1/2	1/2	1/2	1/2	5,571.40	1/2	5,222.03	1/2	4,840.55	1/2	4,444.65	1/2	4,037.49	1/2	3,629.41	1/2	3,221.33	1/2	2,813.25		
3/4	3/4	3/4	3/4	3/4	3/4	5,567.29	3/4	5,214.24	3/4	4,832.45	3/4	4,436.26	3/4	4,028.98	3/4	3,620.90	3/4	3,212.82	3/4	2,804.74		
4	4	4	4	4	4	5,563.17	4	5,206.45	4	4,824.35	4	4,427.87	4	4,020.48	4	3,612.40	4	3,204.32	4	2,796.24		
1/4	1/4	1/4	1/4	1/4	1/4	5,557.56	1/4	5,198.64	1/4	4,816.23	1/4	4,419.45	1/4	4,011.98	1/4	3,603.90	1/4	3,195.82	1/4	2,787.74		
1/2	1/2	1/2	1/2	1/2	1/2	5,551.95	1/2	5,190.82	1/2	4,808.11	1/2	4,411.03	1/2	4,003.48	1/2	3,595.40	1/2	3,187.32	1/2	2,779.24		
3/4	3/4	3/4	3/4	3/4	3/4	5,546.34	3/4	5,183.01	3/4	4,799.98	3/4	4,402.60	3/4	3,994.98	3/4	3,586.90	3/4	3,178.81	3/4	2,770.73		
5	5	5	5	5	5	5,540.73	5	5,175.19	5	4,791.86	5	4,394.18	5	3,986.48	5	3,578.40	5	3,170.31	5	2,762.23		
1/4	1/4	1/4	1/4	1/4	1/4	5,533.80	1/4	5,167.36	1/4	4,783.71	1/4	4,385.73	1/4	3,977.98	1/4	3,569.90	1/4	3,161.81	1/4	2,753.73		
1/2	1/2	1/2	1/2	1/2	1/2	5,526.86	1/2	5,159.52	1/2	4,775.56	1/2	4,377.29	1/2	3,969.48	1/2	3,561.40	1/2	3,153.31	1/2	2,745.23		
3/4	3/4	3/4	3/4	3/4	3/4	5,519.93	3/4	5,151.69	3/4	4,767.40	3/4	4,368.84	3/4	3,960.97	3/4	3,552.89	3/4	3,144.81	3/4	2,736.73		
6	6	6	6	6	6	5,512.99	6	5,143.85	6	4,759.25	6	4,360.39	6	3,952.47	6	3,544.39	6	3,136.31	6	2,728.23		
1/4	1/4	1/4	1/4	1/4	1/4	5,505.48	1/4	5,135.99	1/4	4,751.07	1/4	4,351.92	1/4	3,943.97	1/4	3,535.89	1/4	3,127.81	1/4	2,719.73		
1/2	1/2	1/2	1/2	1/2	1/2	5,497.96	1/2	5,128.13	1/2	4,742.89	1/2	4,343.45	1/2	3,935.47	1/2	3,527.39	1/2	3,119.31	1/2	2,711.23		
3/4	3/4	3/4	3/4	3/4	3/4	5,490.45	3/4	5,120.26	3/4	4,734.71	3/4	4,334.98	3/4	3,926.96	3/4	3,518.88	3/4	3,110.80	3/4	2,702.72		
7	7	7	7	7	7	5,482.93	7	5,112.40	7	4,726.53	7	4,326.51	7	3,918.46	7	3,510.38	7	3,102.30	7	2,694.22		
1/4	1/4	1/4	1/4	1/4	1/4	5,475.39	1/4	5,104.52	1/4	4,718.33	1/4	4,318.02	1/4	3,909.96	1/4	3,501.88	1/4	3,093.80	1/4	2,685.72		
1/2	1/2	1/2	1/2	1/2	1/2	5,467.85	1/2	5,096.63	1/2	4,710.12	1/2	4,309.53	1/2	3,901.46	1/2	3,493.38	1/2	3,085.30	1/2	2,677.22		
3/4	3/4	3/4	3/4	3/4	3/4	5,460.30	3/4	5,088.75	3/4	4,701.92	3/4	4,301.03	3/4	3,892.96	3/4	3,484.88	3/4	3,076.79	3/4	2,668.71		
8	8	8	8	8	8	5,452.76	8	5,080.86	8	4,693.71	8	4,292.54	8	3,884.46	8	3,476.38	8	3,068.29	8	2,660.21		
1/4	1/4	1/4	1/4	1/4	1/4	5,445.20	1/4	5,072.95	1/4	4,685.48	1/4	4,284.04	1/4	3,875.96	1/4	3,467.88	1/4	3,059.79	1/4	2,651.71		
1/2	1/2	1/2	1/2	1/2	1/2	5,437.63	1/2	5,065.04	1/2	4,677.25	1/2	4,275.54	1/2	3,867.46	1/2	3,459.38	1/2	3,051.29	1/2	2,643.21		
3/4	3/4	3/4	3/4	3/4	3/4	5,430.07	3/4	5,057.13	3/4	4,669.02	3/4	4,267.03	3/4	3,858.95	3/4	3,450.87	3/4	3,042.79	3/4	2,634.71		
9	9	9	9	9	9	5,422.50	9	5,049.22	9	4,660.79	9	4,258.53	9	3,850.45	9	3,442.37	9	3,034.29	9	2,626.21		
1/4	1/4	1/4	1/4	1/4	1/4	5,414.86	1/4	5,041.26	1/4	4,652.54	1/4	4,250.03	1/4	3,841.95	1/4	3,433.87	1/4	3,025.79	1/4	2,617.71		
1/2	1/2	1/2	1/2	1/2	1/2	5,407.21	1/2	5,033.30	1/2	4,644.29	1/2	4,241.53	1/2	3,833.45	1/2	3,425.37	1/2	3,017.29	1/2	2,609.21		
3/4	3/4	3/4	3/4	3/4	3/4	5,399.57	3/4	5,025.33	3/4	4,636.03	3/4	4,233.03	3/4	3,824.94	3/4	3,416.86	3/4	3,008.78	3/4	2,600.70		
10	10	10	10	10	10	5,391.92	10	5,017.37	10	4,627.78	10	4,224.53	10	3,816.44	10	3,408.36	10	3,000.28	10	2,592.20		
1/4	1/4	1/4	1/4	1/4	1/4	5,384.25	1/4	5,009.38	1/4	4,619.50	1/4	4,216.03	1/4	3,807.94	1/4	3,399.86	1/4	2,991.78	1/4	2,583.70		
1/2	1/2	1/2	1/2	1/2	1/2	5,376.59	1/2	5,001.40	1/2	4,611.23	1/2	4,207.53	1/2	3,799.44	1/2	3,391.36	1/2	2,983.28	1/2	2,575.20		
3/4	3/4	3/4	3/4	3/4	3/4	5,368.92	3/4	4,993.41	3/4	4,602.95	3/4	4,199.02	3/4	3,790.94	3/4	3,382.86	3/4	2,974.77	3/4	2,566.69		
11	11	11	11	11	11	5,361.25	11	4,985.42	11	4,594.67	11	4,190.52	11	3,782.44	11	3,374.36	11	2,966.27	11	2,558.19		
1/4	1/4	1/4	1/4	1/4	1/4	5,353.56	1/4	4,977.41	1/4	4,586.38	1/4	4,182.02	1/4	3,773.94	1/4	3,365.86	1/4	2,957.77	1/4	2,549.69		
1/2	1/2	1/2	1/2	1/2	1/2	5,345.87	1/2	4,969.40	1/2	4,578.09	1/2	4,173.52	1/2	3,765.44	1/2	3,357.36	1/2	2,949.27	1/2	2,541.19		
3/4	3/4	3/4	3/4	3/4	3/4	5,338.18	3/4	4,961.39	3/4	4,569.79	3/4	4,165.01	3/4	3,756.93	3/4	3,348.85	3/4	2,940.77	3/4	2,532.69		

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 48'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 30010"

1 PORT ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-03"

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	2,524.19	0	2,116.16	0	1,708.26	0	1,300.21	0	892.49	0	484.79	0	85.42	0	0	0	0	0	0
1/4	2,515.69	1/4	2,107.66	1/4	1,699.76	1/4	1,291.71	1/4	884.00	1/4	476.30	1/4	78.54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,507.19	1/2	2,099.17	1/2	1,691.27	1/2	1,283.21	1/2	875.50	1/2	467.81	1/2	71.67	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,498.68	3/4	2,090.67	3/4	1,682.77	3/4	1,274.70	3/4	867.01	3/4	459.31	3/4	64.79	3/4	3/4	3/4	3/4	3/4	3/4
1	2,490.18	1	2,082.17	1	1,674.27	1	1,266.20	1	858.51	1	450.82	1	57.91	1	1	1	1	1	1
1/4	2,481.68	1/4	2,073.67	1/4	1,665.77	1/4	1,257.70	1/4	850.02	1/4	442.33	1/4	52.41	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,473.18	1/2	2,065.18	1/2	1,657.27	1/2	1,249.20	1/2	841.53	1/2	433.83	1/2	46.92	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,464.67	3/4	2,056.68	3/4	1,648.76	3/4	1,240.70	3/4	833.03	3/4	425.34	3/4	41.42	3/4	3/4	3/4	3/4	3/4	3/4
2	2,456.17	2	2,048.18	2	1,640.26	2	1,232.20	2	824.54	2	416.84	2	35.92	2	2	2	2	2	2
1/4	2,447.67	1/4	2,039.68	1/4	1,631.76	1/4	1,223.70	1/4	816.05	1/4	408.35	1/4	31.79	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,439.17	1/2	2,031.19	1/2	1,623.26	1/2	1,215.20	1/2	807.55	1/2	399.86	1/2	27.67	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,430.66	3/4	2,022.69	3/4	1,614.76	3/4	1,206.70	3/4	799.06	3/4	391.36	3/4	23.54	3/4	3/4	3/4	3/4	3/4	3/4
3	2,422.16	3	2,014.19	3	1,606.26	3	1,198.20	3	790.56	3	382.87	3	19.41	3	3	3	3	3	3
1/4	2,413.66	1/4	2,005.69	1/4	1,597.76	1/4	1,189.71	1/4	782.07	1/4	374.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,405.16	1/2	1,997.19	1/2	1,589.26	1/2	1,181.22	1/2	773.58	1/2	365.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,396.66	3/4	1,988.69	3/4	1,580.75	3/4	1,172.72	3/4	765.08	3/4	357.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	2,388.16	4	1,980.19	4	1,572.25	4	1,164.23	4	756.59	4	348.90	4	4	4	4	4	4	4	4
1/4	2,379.66	1/4	1,971.69	1/4	1,563.75	1/4	1,155.74	1/4	748.10	1/4	340.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,371.16	1/2	1,963.20	1/2	1,555.25	1/2	1,147.25	1/2	739.61	1/2	331.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,362.65	3/4	1,954.70	3/4	1,546.75	3/4	1,138.75	3/4	731.11	3/4	323.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	2,354.15	5	1,946.20	5	1,538.25	5	1,130.26	5	722.62	5	314.98	5	5	5	5	5	5	5	5
1/4	2,345.65	1/4	1,937.70	1/4	1,529.75	1/4	1,121.77	1/4	714.13	1/4	306.56	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,337.15	1/2	1,929.21	1/2	1,521.25	1/2	1,113.27	1/2	705.63	1/2	298.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,328.65	3/4	1,920.71	3/4	1,512.74	3/4	1,104.78	3/4	697.14	3/4	289.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,320.15	6	1,912.21	6	1,504.24	6	1,096.28	6	688.64	6	281.28	6	6	6	6	6	6	6	6
1/4	2,311.65	1/4	1,903.71	1/4	1,495.74	1/4	1,087.79	1/4	680.15	1/4	272.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,303.16	1/2	1,895.22	1/2	1,487.24	1/2	1,079.31	1/2	671.66	1/2	264.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,294.66	3/4	1,886.72	3/4	1,478.74	3/4	1,070.82	3/4	663.16	3/4	256.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,286.16	7	1,878.22	7	1,470.24	7	1,062.33	7	654.67	7	247.78	7	7	7	7	7	7	7	7
1/4	2,277.66	1/4	1,869.72	1/4	1,461.74	1/4	1,053.84	1/4	646.18	1/4	239.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,269.16	1/2	1,861.23	1/2	1,453.24	1/2	1,045.35	1/2	637.68	1/2	231.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,260.66	3/4	1,852.73	3/4	1,444.73	3/4	1,036.86	3/4	629.19	3/4	222.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,252.16	8	1,844.23	8	1,436.23	8	1,028.37	8	620.69	8	214.52	8	8	8	8	8	8	8	8
1/4	2,243.66	1/4	1,835.73	1/4	1,427.73	1/4	1,019.88	1/4	612.20	1/4	206.28	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,235.16	1/2	1,827.24	1/2	1,419.23	1/2	1,011.39	1/2	603.71	1/2	198.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,226.66	3/4	1,818.74	3/4	1,410.72	3/4	1,002.90	3/4	595.21	3/4	189.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,218.16	9	1,810.24	9	1,402.22	9	994.41	9	586.72	9	181.55	9	9	9	9	9	9	9	9
1/4	2,209.66	1/4	1,801.74	1/4	1,393.72	1/4	985.92	1/4	578.23	1/4	173.40	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,201.16	1/2	1,793.25	1/2	1,385.22	1/2	977.43	1/2	569.73	1/2	165.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,192.66	3/4	1,784.75	3/4	1,376.72	3/4	968.93	3/4	561.24	3/4	157.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,184.16	10	1,776.25	10	1,368.22	10	960.44	10	552.74	10	148.94	10	10	10	10	10	10	10	10
1/4	2,175.66	1/4	1,767.75	1/4	1,359.72	1/4	951.95	1/4	544.25	1/4	140.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,167.16	1/2	1,759.26	1/2	1,351.22	1/2	943.45	1/2	535.76	1/2	132.82	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,158.66	3/4	1,750.76	3/4	1,342.71	3/4	934.96	3/4	527.26	3/4	124.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,150.16	11	1,742.26	11	1,334.21	11	926.46	11	518.77	11	116.69	11	11	11	11	11	11	11	11
1/4	2,141.66	1/4	1,733.76	1/4	1,325.71	1/4	917.97	1/4	510.28	1/4	108.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,133.16	1/2	1,725.26	1/2	1,317.21	1/2	909.48	1/2	501.78	1/2	101.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,124.66	3/4	1,716.76	3/4	1,308.71	3/4	900.98	3/4	493.29	3/4	93.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 03/10/1995 SI
DECK MEASUREMENTS: 04/14/2010 SW CL
REPRINTED: 04/20/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 30010"

1 STBD ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-03 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 48'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 30010"

1 STBD
ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-03 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	2,528.97	0	2,121.73	0	1,714.47	0	1,307.20	0	899.99	0	492.78	0	93.21	0		0			
1/4	2,520.49	1/4	2,113.25	1/4	1,705.99	1/4	1,298.72	1/4	891.51	1/4	484.30	1/4	85.40	1/4		1/4			
1/2	2,512.00	1/2	2,104.77	1/2	1,697.50	1/2	1,290.23	1/2	883.02	1/2	475.81	1/2	78.53	1/2		1/2			
3/4	2,503.52	3/4	2,096.28	3/4	1,689.02	3/4	1,281.74	3/4	874.54	3/4	467.33	3/4	71.66	3/4		3/4			
1	2,495.03	1	2,087.80	1	1,680.53	1	1,273.26	1	866.05	1	458.84	1	64.79	1		1			
1/4	2,486.55	1/4	2,079.32	1/4	1,672.05	1/4	1,264.77	1/4	857.57	1/4	450.36	1/4	57.92	1/4		1/4			
1/2	2,478.06	1/2	2,070.83	1/2	1,663.56	1/2	1,256.28	1/2	849.09	1/2	441.88	1/2	52.42	1/2		1/2			
3/4	2,469.58	3/4	2,062.35	3/4	1,655.08	3/4	1,247.79	3/4	840.60	3/4	433.39	3/4	46.93	3/4		3/4			
2	2,461.09	2	2,053.86	2	1,646.59	2	1,239.30	2	832.12	2	424.91	2	41.43	2		2			
1/4	2,452.61	1/4	2,045.38	1/4	1,638.11	1/4	1,230.81	1/4	823.64	1/4	416.43	1/4	35.94	1/4		1/4			
1/2	2,444.12	1/2	2,036.89	1/2	1,629.62	1/2	1,222.32	1/2	815.15	1/2	407.95	1/2	31.81	1/2		1/2			
3/4	2,435.64	3/4	2,028.41	3/4	1,621.14	3/4	1,213.83	3/4	806.67	3/4	399.46	3/4	27.69	3/4		3/4			
3	2,427.15	3	2,019.92	3	1,612.65	3	1,205.34	3	798.18	3	390.98	3	23.56	3		3			
1/4	2,418.67	1/4	2,011.44	1/4	1,604.17	1/4	1,196.85	1/4	789.70	1/4	382.50	1/4	19.44	1/4		1/4			
1/2	2,410.18	1/2	2,002.95	1/2	1,595.68	1/2	1,188.37	1/2	781.22	1/2	374.02	1/2		1/2		1/2			
3/4	2,401.70	3/4	1,994.47	3/4	1,587.20	3/4	1,179.88	3/4	772.73	3/4	365.53	3/4		3/4		3/4			
4	2,393.21	4	1,985.98	4	1,578.71	4	1,171.40	4	764.25	4	357.05	4		4		4			
1/4	2,384.73	1/4	1,977.50	1/4	1,570.23	1/4	1,162.92	1/4	755.77	1/4	348.57	1/4		1/4		1/4			
1/2	2,376.24	1/2	1,969.01	1/2	1,561.74	1/2	1,154.44	1/2	747.29	1/2	340.10	1/2		1/2		1/2			
3/4	2,367.76	3/4	1,960.53	3/4	1,553.26	3/4	1,145.95	3/4	738.80	3/4	331.63	3/4		3/4		3/4			
5	2,359.27	5	1,952.04	5	1,544.77	5	1,137.47	5	730.32	5	323.16	5		5		5			
1/4	2,350.79	1/4	1,943.56	1/4	1,536.29	1/4	1,128.99	1/4	721.84	1/4	314.69	1/4		1/4		1/4			
1/2	2,342.31	1/2	1,935.07	1/2	1,527.80	1/2	1,120.50	1/2	713.35	1/2	306.27	1/2		1/2		1/2			
3/4	2,333.82	3/4	1,926.59	3/4	1,519.32	3/4	1,112.02	3/4	704.87	3/4	297.86	3/4		3/4		3/4			
6	2,325.34	6	1,918.10	6	1,510.83	6	1,103.53	6	696.38	6	289.44	6		6		6			
1/4	2,316.86	1/4	1,909.62	1/4	1,502.35	1/4	1,095.05	1/4	687.90	1/4	281.03	1/4		1/4		1/4			
1/2	2,308.38	1/2	1,901.13	1/2	1,493.86	1/2	1,086.57	1/2	679.42	1/2	272.66	1/2		1/2		1/2			
3/4	2,299.89	3/4	1,892.65	3/4	1,485.38	3/4	1,078.09	3/4	670.93	3/4	264.30	3/4		3/4		3/4			
7	2,291.41	7	1,884.16	7	1,476.89	7	1,069.62	7	662.45	7	255.93	7		7		7			
1/4	2,282.93	1/4	1,875.68	1/4	1,468.41	1/4	1,061.14	1/4	653.97	1/4	247.57	1/4		1/4		1/4			
1/2	2,274.44	1/2	1,867.19	1/2	1,459.92	1/2	1,052.66	1/2	645.48	1/2	239.26	1/2		1/2		1/2			
3/4	2,265.96	3/4	1,858.71	3/4	1,451.44	3/4	1,044.18	3/4	637.00	3/4	230.96	3/4		3/4		3/4			
8	2,257.47	8	1,850.22	8	1,442.95	8	1,035.70	8	628.51	8	222.65	8		8		8			
1/4	2,248.99	1/4	1,841.74	1/4	1,434.47	1/4	1,027.22	1/4	620.03	1/4	214.35	1/4		1/4		1/4			
1/2	2,240.51	1/2	1,833.25	1/2	1,425.98	1/2	1,018.74	1/2	611.55	1/2	206.12	1/2		1/2		1/2			
3/4	2,232.02	3/4	1,824.77	3/4	1,417.50	3/4	1,010.26	3/4	603.06	3/4	197.88	3/4		3/4		3/4			
9	2,223.54	9	1,816.28	9	1,409.01	9	1,001.79	9	594.58	9	189.65	9		9		9			
1/4	2,215.06	1/4	1,807.80	1/4	1,400.53	1/4	993.31	1/4	586.10	1/4	181.42	1/4		1/4		1/4			
1/2	2,206.57	1/2	1,799.31	1/2	1,392.04	1/2	984.82	1/2	577.62	1/2	173.27	1/2		1/2		1/2			
3/4	2,198.09	3/4	1,790.83	3/4	1,383.56	3/4	976.34	3/4	569.13	3/4	165.13	3/4		3/4		3/4			
10	2,189.60	10	1,782.34	10	1,375.07	10	967.85	10	560.65	10	156.98	10		10		10			
1/4	2,181.12	1/4	1,773.86	1/4	1,366.59	1/4	959.37	1/4	552.17	1/4	148.84	1/4		1/4		1/4			
1/2	2,172.64	1/2	1,765.38	1/2	1,358.11	1/2	950.89	1/2	543.68	1/2	140.79	1/2		1/2		1/2			
3/4	2,164.15	3/4	1,756.89	3/4	1,349.62	3/4	942.40	3/4	535.20	3/4	132.74	3/4		3/4		3/4			
11	2,155.67	11	1,748.41	11	1,341.14	11	933.92	11	526.71	11	124.69	11		11		11			
1/4	2,147.19	1/4	1,739.93	1/4	1,332.66	1/4	925.44	1/4	518.23	1/4	116.64	1/4		1/4		1/4			
1/2	2,138.70	1/2	1,731.44	1/2	1,324.17	1/2	916.96	1/2	509.75	1/2	108.83	1/2		1/2		1/2			
3/4	2,130.22	3/4	1,722.96	3/4	1,315.69	3/4	908.47	3/4	501.26	3/4	101.02	3/4		3/4		3/4			

STRAPPED: 03/10/1995 SI
DECK MEASUREMENTS: 04/14/2010 SW CL
REPRINTED: 04/20/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30010"

2 PORT ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-02"

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.

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

GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30010"

2 PORT ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-02"

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	2,257.87	0	1,892.68	0	1,527.50	0	1,162.78	0	798.34	0	433.90	0	72.74	0	0	0	0	0	0
1/4	2,250.26	1/4	1,885.07	1/4	1,519.89	1/4	1,155.19	1/4	790.75	1/4	426.29	1/4	66.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,242.66	1/2	1,877.47	1/2	1,512.29	1/2	1,147.59	1/2	783.17	1/2	418.69	1/2	60.78	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,235.05	3/4	1,869.86	3/4	1,504.68	3/4	1,140.00	3/4	775.58	3/4	411.08	3/4	54.92	3/4	3/4	3/4	3/4	3/4	3/4
1	2,227.44	1	1,862.25	1	1,497.07	1	1,132.40	1	767.99	1	403.47	1	49.38	1	1	1	1	1	1
1/4	2,219.83	1/4	1,854.64	1/4	1,489.46	1/4	1,124.81	1/4	760.40	1/4	395.86	1/4	44.45	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,212.22	1/2	1,847.04	1/2	1,481.86	1/2	1,117.22	1/2	752.82	1/2	388.25	1/2	39.84	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,204.61	3/4	1,839.43	3/4	1,474.25	3/4	1,109.62	3/4	745.23	3/4	380.64	3/4	35.22	3/4	3/4	3/4	3/4	3/4	3/4
2	2,197.00	2	1,831.82	2	1,466.64	2	1,102.03	2	737.64	2	373.03	2	28.30	2	2	2	2	2	2
1/4	2,189.39	1/4	1,824.21	1/4	1,459.03	1/4	1,094.43	1/4	730.05	1/4	365.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,181.79	1/2	1,816.60	1/2	1,451.43	1/2	1,086.84	1/2	722.47	1/2	357.82	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,174.18	3/4	1,808.99	3/4	1,443.82	3/4	1,079.24	3/4	714.88	3/4	350.21	3/4		3/4	3/4	3/4	3/4	3/4	3/4
3	2,166.57	3	1,801.38	3	1,436.21	3	1,071.65	3	707.29	3	342.60	3		3	3	3	3	3	3
1/4	2,158.96	1/4	1,793.77	1/4	1,428.61	1/4	1,064.05	1/4	699.70	1/4	334.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,151.35	1/2	1,786.17	1/2	1,421.01	1/2	1,056.46	1/2	692.12	1/2	327.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,143.74	3/4	1,778.56	3/4	1,413.40	3/4	1,048.86	3/4	684.53	3/4	319.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	2,136.13	4	1,770.95	4	1,405.80	4	1,041.27	4	676.94	4	312.17	4		4	4	4	4	4	4
1/4	2,128.52	1/4	1,763.34	1/4	1,398.21	1/4	1,033.68	1/4	669.35	1/4	304.56	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,120.92	1/2	1,755.74	1/2	1,390.62	1/2	1,026.09	1/2	661.77	1/2	296.96	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,113.31	3/4	1,748.13	3/4	1,383.02	3/4	1,018.49	3/4	654.18	3/4	289.35	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	2,105.70	5	1,740.52	5	1,375.43	5	1,010.90	5	646.59	5	281.75	5		5	5	5	5	5	5
1/4	2,098.09	1/4	1,732.91	1/4	1,367.84	1/4	1,003.31	1/4	639.00	1/4	274.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,090.48	1/2	1,725.31	1/2	1,360.24	1/2	995.71	1/2	631.42	1/2	266.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,082.87	3/4	1,717.70	3/4	1,352.65	3/4	988.12	3/4	623.83	3/4	259.02	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,075.26	6	1,710.09	6	1,345.05	6	980.52	6	616.24	6	251.45	6		6	6	6	6	6	6
1/4	2,067.65	1/4	1,702.48	1/4	1,337.46	1/4	972.93	1/4	608.65	1/4	243.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,060.05	1/2	1,694.88	1/2	1,329.86	1/2	965.33	1/2	601.07	1/2	236.30	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,052.44	3/4	1,687.27	3/4	1,322.27	3/4	957.74	3/4	593.48	3/4	228.72	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,044.83	7	1,679.66	7	1,314.67	7	950.14	7	585.89	7	221.15	7		7	7	7	7	7	7
1/4	2,037.22	1/4	1,672.05	1/4	1,307.08	1/4	942.55	1/4	578.30	1/4	213.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,029.62	1/2	1,664.45	1/2	1,299.48	1/2	934.95	1/2	570.72	1/2	206.01	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,022.01	3/4	1,656.84	3/4	1,291.89	3/4	927.36	3/4	563.13	3/4	198.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,014.40	8	1,649.23	8	1,284.29	8	919.76	8	555.54	8	190.86	8		8	8	8	8	8	8
1/4	2,006.79	1/4	1,641.62	1/4	1,276.69	1/4	912.17	1/4	547.95	1/4	183.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,999.19	1/2	1,634.02	1/2	1,269.10	1/2	904.57	1/2	540.37	1/2	175.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,991.58	3/4	1,626.41	3/4	1,261.50	3/4	896.98	3/4	532.78	3/4	168.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,983.97	9	1,618.80	9	1,253.91	9	889.38	9	525.18	9	160.57	9		9	9	9	9	9	9
1/4	1,976.36	1/4	1,611.19	1/4	1,246.31	1/4	881.79	1/4	517.58	1/4	152.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,968.76	1/2	1,603.59	1/2	1,238.72	1/2	874.21	1/2	509.98	1/2	145.42	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,961.15	3/4	1,595.98	3/4	1,231.12	3/4	866.62	3/4	502.37	3/4	137.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,953.54	10	1,588.37	10	1,223.53	10	859.03	10	494.76	10	130.27	10		10	10	10	10	10	10
1/4	1,945.93	1/4	1,580.76	1/4	1,215.94	1/4	851.44	1/4	487.15	1/4	122.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,938.33	1/2	1,573.15	1/2	1,208.35	1/2	843.86	1/2	479.55	1/2	115.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,930.72	3/4	1,565.54	3/4	1,200.75	3/4	836.27	3/4	471.94	3/4	107.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,923.11	11	1,557.93	11	1,193.16	11	828.68	11	464.33	11	100.15	11		11	11	11	11	11	11
1/4	1,915.50	1/4	1,550.32	1/4	1,185.57	1/4	821.10	1/4	456.72	1/4	93.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,907.90	1/2	1,542.72	1/2	1,177.97	1/2	813.51	1/2	449.12	1/2	86.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,900.29	3/4	1,535.11	3/4	1,170.38	3/4	805.93	3/4	441.51	3/4	79.36	3/4		3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 03/10/1995 SI
DECK MEASUREMENTS: 04/14/2010 SW CL
REPRINTED: 04/20/2010 SW

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BARGE "KIRBY 30010"

2 STBD ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-01 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	4,764.37	0	4,424.82	0	4,071.80	0	3,708.05	0	3,342.96	0	2,977.86	0	2,612.76	0	2,252.66
1/4	1/4	1/4	1/4	1/4	4,757.43	1/4	4,417.60	1/4	4,064.31	1/4	3,700.45	1/4	3,335.35	1/4	2,970.25	1/4	2,605.16	1/4	2,247.17
1/2	1/2	1/2	1/2	1/2	4,750.50	1/2	4,410.37	1/2	4,056.83	1/2	3,692.84	1/2	3,327.75	1/2	2,962.65	1/2	2,597.55	1/2	2,242.68
3/4	3/4	3/4	3/4	3/4	4,743.56	3/4	4,403.14	3/4	4,049.34	3/4	3,685.23	3/4	3,320.14	3/4	2,955.04	3/4	2,590.06	3/4	2,238.20
1	1	1	1	1	5,043.77	1	4,736.60	1	4,395.90	1	4,041.83	1	3,677.63	1	3,312.53	1	2,947.43	1	2,582.34
1/4	1/4	1/4	1/4	1/4	5,040.16	1/4	4,729.64	1/4	4,388.65	1/4	4,034.32	1/4	3,670.02	1/4	3,304.93	1/4	2,939.83	1/4	2,574.73
1/2	1/2	1/2	1/2	1/2	5,036.54	1/2	4,722.67	1/2	4,381.41	1/2	4,026.80	1/2	3,662.42	1/2	3,297.32	1/2	2,932.22	1/2	2,567.13
3/4	3/4	3/4	3/4	3/4	5,032.93	3/4	4,715.71	3/4	4,374.16	3/4	4,019.29	3/4	3,654.81	3/4	3,289.71	3/4	2,924.61	3/4	2,559.52
2	2	2	2	2	5,028.07	2	4,708.73	2	4,366.90	2	4,011.76	2	3,647.20	2	3,282.11	2	2,917.01	2	2,551.91
1/4	1/4	1/4	1/4	1/4	5,023.22	1/4	4,701.75	1/4	4,359.63	1/4	4,004.24	1/4	3,639.60	1/4	3,274.50	1/4	2,909.40	1/4	2,544.31
1/2	1/2	1/2	1/2	1/2	5,018.36	1/2	4,694.77	1/2	4,352.37	1/2	3,996.71	1/2	3,631.99	1/2	3,266.90	1/2	2,901.80	1/2	2,536.70
3/4	3/4	3/4	3/4	3/4	5,013.50	3/4	4,687.79	3/4	4,345.10	3/4	3,989.18	3/4	3,624.38	3/4	3,259.29	3/4	2,894.19	3/4	2,529.09
3	3	3	3	3	5,007.40	3	4,680.79	3	4,337.81	3	3,981.62	3	3,616.78	3	3,251.68	3	2,886.58	3	2,521.49
1/4	1/4	1/4	1/4	1/4	5,001.29	1/4	4,673.78	1/4	4,330.52	1/4	3,974.06	1/4	3,609.17	1/4	3,244.08	1/4	2,878.98	1/4	2,513.88
1/2	1/2	1/2	1/2	1/2	4,995.19	1/2	4,666.78	1/2	4,323.23	1/2	3,966.49	1/2	3,601.57	1/2	3,236.47	1/2	2,871.37	1/2	2,506.28
3/4	3/4	3/4	3/4	3/4	4,989.08	3/4	4,659.77	3/4	4,315.94	3/4	3,958.93	3/4	3,593.96	3/4	3,228.86	3/4	2,863.76	3/4	2,498.67
4	4	4	4	4	4,982.39	4	4,652.75	4	4,308.63	4	3,951.35	4	3,586.35	4	3,221.26	4	2,856.16	4	2,491.06
1/4	1/4	1/4	1/4	1/4	4,975.70	1/4	4,645.72	1/4	4,301.32	1/4	3,943.77	1/4	3,578.75	1/4	3,213.65	1/4	2,848.55	1/4	2,483.46
1/2	1/2	1/2	1/2	1/2	4,969.01	1/2	4,638.70	1/2	4,294.01	1/2	3,936.18	1/2	3,571.14	1/2	3,206.05	1/2	2,840.95	1/2	2,475.85
3/4	3/4	3/4	3/4	3/4	4,962.32	3/4	4,631.67	3/4	4,286.70	3/4	3,928.60	3/4	3,563.53	3/4	3,198.44	3/4	2,833.34	3/4	2,468.24
5	5	5	5	5	4,955.59	5	4,624.62	5	4,279.36	5	3,921.00	5	3,555.93	5	3,190.83	5	2,825.73	5	2,460.64
1/4	1/4	1/4	1/4	1/4	4,948.85	1/4	4,617.57	1/4	4,272.01	1/4	3,913.41	1/4	3,548.32	1/4	3,183.23	1/4	2,818.13	1/4	2,453.03
1/2	1/2	1/2	1/2	1/2	4,942.12	1/2	4,610.52	1/2	4,264.67	1/2	3,905.81	1/2	3,540.72	1/2	3,175.62	1/2	2,810.52	1/2	2,445.43
3/4	3/4	3/4	3/4	3/4	4,935.38	3/4	4,603.47	3/4	4,257.32	3/4	3,898.21	3/4	3,533.11	3/4	3,168.01	3/4	2,802.91	3/4	2,437.82
6	6	6	6	6	4,928.63	6	4,596.40	6	4,249.96	6	3,890.60	6	3,525.51	6	3,160.41	6	2,795.31	6	2,430.21
1/4	1/4	1/4	1/4	1/4	4,921.89	1/4	4,589.33	1/4	4,242.60	1/4	3,883.00	1/4	3,517.90	1/4	3,152.80	1/4	2,787.70	1/4	2,422.61
1/2	1/2	1/2	1/2	1/2	4,915.14	1/2	4,582.26	1/2	4,235.23	1/2	3,875.39	1/2	3,510.30	1/2	3,145.20	1/2	2,780.10	1/2	2,415.00
3/4	3/4	3/4	3/4	3/4	4,908.39	3/4	4,575.19	3/4	4,227.87	3/4	3,867.78	3/4	3,502.69	3/4	3,137.59	3/4	2,772.49	3/4	2,407.39
7	7	7	7	7	4,901.62	7	4,568.10	7	4,220.48	7	3,860.18	7	3,495.08	7	3,129.98	7	2,764.89	7	2,399.79
1/4	1/4	1/4	1/4	1/4	4,894.84	1/4	4,561.00	1/4	4,213.09	1/4	3,852.57	1/4	3,487.48	1/4	3,122.38	1/4	2,757.28	1/4	2,392.18
1/2	1/2	1/2	1/2	1/2	4,888.07	1/2	4,553.91	1/2	4,205.70	1/2	3,844.97	1/2	3,479.87	1/2	3,114.77	1/2	2,749.68	1/2	2,384.58
3/4	3/4	3/4	3/4	3/4	4,881.29	3/4	4,546.81	3/4	4,198.31	3/4	3,837.36	3/4	3,472.26	3/4	3,107.16	3/4	2,742.07	3/4	2,376.97
8	8	8	8	8	4,874.48	8	4,539.69	8	4,190.90	8	3,829.75	8	3,464.66	8	3,099.56	8	2,734.46	8	2,369.36
1/4	1/4	1/4	1/4	1/4	4,867.66	1/4	4,532.57	1/4	4,183.50	1/4	3,822.15	1/4	3,457.05	1/4	3,091.95	1/4	2,726.86	1/4	2,361.76
1/2	1/2	1/2	1/2	1/2	4,860.85	1/2	4,525.44	1/2	4,176.09	1/2	3,814.54	1/2	3,449.45	1/2	3,084.35	1/2	2,719.25	1/2	2,354.15
3/4	3/4	3/4	3/4	3/4	4,854.03	3/4	4,518.32	3/4	4,168.68	3/4	3,806.93	3/4	3,441.84	3/4	3,076.74	3/4	2,711.64	3/4	2,346.54
9	9	9	9	9	4,847.16	9	4,511.15	9	4,161.25	9	3,799.33	9	3,434.23	9	3,069.13	9	2,704.04	9	2,338.94
1/4	1/4	1/4	1/4	1/4	4,840.29	1/4	4,503.98	1/4	4,153.82	1/4	3,791.72	1/4	3,426.63	1/4	3,061.53	1/4	2,696.43	1/4	2,331.33
1/2	1/2	1/2	1/2	1/2	4,833.41	1/2	4,496.81	1/2	4,146.38	1/2	3,784.12	1/2	3,419.02	1/2	3,053.92	1/2	2,688.83	1/2	2,323.73
3/4	3/4	3/4	3/4	3/4	4,826.54	3/4	4,489.64	3/4	4,138.95	3/4	3,776.51	3/4	3,411.41	3/4	3,046.31	3/4	2,681.22	3/4	2,316.12
10	10	10	10	10	4,819.65	10	4,482.46	10	4,131.50	10	3,768.90	10	3,403.81	10	3,038.71	10	2,673.61	10	2,308.51
1/4	1/4	1/4	1/4	1/4	4,812.76	1/4	4,475.27	1/4	4,124.06	1/4	3,761.30	1/4	3,396.20	1/4	3,031.10	1/4	2,666.01	1/4	2,300.91
1/2	1/2	1/2	1/2	1/2	4,805.87	1/2	4,468.09	1/2	4,116.61	1/2	3,753.69	1/2	3,388.60	1/2	3,023.50	1/2	2,658.40	1/2	2,293.30
3/4	3/4	3/4	3/4	3/4	4,798.98	3/4	4,460.90	3/4	4,109.16	3/4	3,746.08	3/4	3,380.99	3/4	3,015.89	3/4	2,650.79	3/4	2,285.69
11	11	11	11	11	4,792.06	11	4,453.69	11	4,101.69	11	3,738.48	11	3,373.38	11	3,008.28	11	2,643.19	11	2,278.09
1/4	1/4	1/4	1/4	1/4	4,785.14	1/4	4,446.48	1/4	4,094.22	1/4	3,730.87	1/4	3,365.78	1/4	3,000.68	1/4	2,635.58	1/4	2,270.48
1/2	1/2	1/2	1/2	1/2	4,778.22	1/2	4,439.26	1/2	4,086.75	1/2	3,723.27	1/2	3,358.17	1/2	2,993.07	1/2	2,627.98	1/2	2,262.88
3/4	3/4	3/4	3/4	3/4	4,771.30	3/4	4,432.05	3/4	4,079.28	3/4	3,715.66	3/4	3,350.56	3/4	2,985.46	3/4	2,620.37	3/4	2,255.27

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.

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

GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 30010"

2 STBD ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-01 3/4"

IN	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	2,247.66	0	1,882.61	0	1,517.53	0	1,152.45	0	787.39	0	422.34	0	63.53	0						
1/4	2,240.06	1/4	1,875.01	1/4	1,509.92	1/4	1,144.84	1/4	779.79	1/4	414.74	1/4	57.83	1/4						
1/2	2,232.45	1/2	1,867.40	1/2	1,502.32	1/2	1,137.24	1/2	772.18	1/2	407.13	1/2	52.12	1/2						
3/4	2,224.84	3/4	1,859.79	3/4	1,494.71	3/4	1,129.63	3/4	764.57	3/4	399.52	3/4	46.42	3/4						
1	2,217.24	1	1,852.18	1	1,487.11	1	1,122.03	1	756.97	1	391.92	1	41.89	1						
1/4	2,209.63	1/4	1,844.58	1/4	1,479.50	1/4	1,114.42	1/4	749.36	1/4	384.31	1/4	37.36	1/4						
1/2	2,202.03	1/2	1,836.97	1/2	1,471.90	1/2	1,106.82	1/2	741.76	1/2	376.71	1/2	32.82	1/2						
3/4	2,194.42	3/4	1,829.36	3/4	1,464.29	3/4	1,099.21	3/4	734.15	3/4	369.10	3/4	28.29	3/4						
2	2,186.81	2	1,821.76	2	1,456.68	2	1,091.61	2	726.55	2	361.50	2		2						
1/4	2,179.21	1/4	1,814.15	1/4	1,449.08	1/4	1,084.00	1/4	718.94	1/4	353.89	1/4		1/4						
1/2	2,171.60	1/2	1,806.55	1/2	1,441.47	1/2	1,076.40	1/2	711.34	1/2	346.29	1/2		1/2						
3/4	2,163.99	3/4	1,798.94	3/4	1,433.86	3/4	1,068.79	3/4	703.73	3/4	338.68	3/4		3/4						
3	2,156.39	3	1,791.34	3	1,426.26	3	1,061.19	3	696.13	3	331.08	3		3						
1/4	2,148.78	1/4	1,783.73	1/4	1,418.65	1/4	1,053.58	1/4	688.52	1/4	323.47	1/4		1/4						
1/2	2,141.18	1/2	1,776.13	1/2	1,411.05	1/2	1,045.98	1/2	680.92	1/2	315.87	1/2		1/2						
3/4	2,133.57	3/4	1,768.52	3/4	1,403.44	3/4	1,038.37	3/4	673.31	3/4	308.26	3/4		3/4						
4	2,125.97	4	1,760.92	4	1,395.84	4	1,030.77	4	665.71	4	300.66	4		4						
1/4	2,118.36	1/4	1,753.31	1/4	1,388.23	1/4	1,023.16	1/4	658.10	1/4	293.06	1/4		1/4						
1/2	2,110.76	1/2	1,745.71	1/2	1,380.63	1/2	1,015.56	1/2	650.50	1/2	285.46	1/2		1/2						
3/4	2,103.15	3/4	1,738.10	3/4	1,373.02	3/4	1,007.95	3/4	642.89	3/4	277.86	3/4		3/4						
5	2,095.55	5	1,730.49	5	1,365.41	5	1,000.34	5	635.29	5	270.29	5		5						
1/4	2,087.94	1/4	1,722.89	1/4	1,357.81	1/4	992.74	1/4	627.68	1/4	262.72	1/4		1/4						
1/2	2,080.34	1/2	1,715.28	1/2	1,350.20	1/2	985.13	1/2	620.08	1/2	255.15	1/2		1/2						
3/4	2,072.73	3/4	1,707.67	3/4	1,342.59	3/4	977.52	3/4	612.47	3/4	247.58	3/4		3/4						
6	2,065.13	6	1,700.07	6	1,334.99	6	969.92	6	604.87	6	240.01	6		6						
1/4	2,057.52	1/4	1,692.46	1/4	1,327.38	1/4	962.31	1/4	597.26	1/4	232.44	1/4		1/4						
1/2	2,049.92	1/2	1,684.86	1/2	1,319.78	1/2	954.71	1/2	589.66	1/2	224.86	1/2		1/2						
3/4	2,042.31	3/4	1,677.25	3/4	1,312.17	3/4	947.10	3/4	582.05	3/4	217.29	3/4		3/4						
7	2,034.71	7	1,669.65	7	1,304.57	7	939.50	7	574.45	7	209.72	7		7						
1/4	2,027.10	1/4	1,662.04	1/4	1,296.96	1/4	931.89	1/4	566.84	1/4	202.15	1/4		1/4						
1/2	2,019.50	1/2	1,654.44	1/2	1,289.36	1/2	924.29	1/2	559.24	1/2	194.58	1/2		1/2						
3/4	2,011.89	3/4	1,646.83	3/4	1,281.75	3/4	916.68	3/4	551.63	3/4	187.01	3/4		3/4						
8	2,004.29	8	1,639.22	8	1,274.14	8	909.08	8	544.03	8	179.44	8		8						
1/4	1,996.68	1/4	1,631.62	1/4	1,266.54	1/4	901.47	1/4	536.42	1/4	171.87	1/4		1/4						
1/2	1,989.08	1/2	1,624.01	1/2	1,258.93	1/2	893.87	1/2	528.82	1/2	164.30	1/2		1/2						
3/4	1,981.47	3/4	1,616.40	3/4	1,251.32	3/4	886.26	3/4	521.21	3/4	156.73	3/4		3/4						
9	1,973.87	9	1,608.80	9	1,243.72	9	878.66	9	513.61	9	149.16	9		9						
1/4	1,966.27	1/4	1,601.19	1/4	1,236.11	1/4	871.05	1/4	506.00	1/4	141.59	1/4		1/4						
1/2	1,958.66	1/2	1,593.59	1/2	1,228.51	1/2	863.45	1/2	498.40	1/2	134.01	1/2		1/2						
3/4	1,951.06	3/4	1,585.98	3/4	1,220.90	3/4	855.84	3/4	490.79	3/4	126.44	3/4		3/4						
10	1,943.46	10	1,578.38	10	1,213.30	10	848.24	10	483.19	10	118.91	10		10						
1/4	1,935.85	1/4	1,570.77	1/4	1,205.69	1/4	840.63	1/4	475.58	1/4	111.38	1/4		1/4						
1/2	1,928.25	1/2	1,563.17	1/2	1,198.09	1/2	833.03	1/2	467.98	1/2	103.85	1/2		1/2						
3/4	1,920.64	3/4	1,555.56	3/4	1,190.48	3/4	825.42	3/4	460.37	3/4	96.32	3/4		3/4						
11	1,913.04	11	1,547.95	11	1,182.87	11	817.82	11	452.77	11	89.55	11		11						
1/4	1,905.43	1/4	1,540.35	1/4	1,175.27	1/4	810.21	1/4	445.16	1/4	82.78	1/4		1/4						
1/2	1,897.83	1/2	1,532.74	1/2	1,167.66	1/2	802.61	1/2	437.56	1/2	76.00	1/2		1/2						
3/4	1,890.22	3/4	1,525.13	3/4	1,160.05	3/4	795.00	3/4	429.95	3/4	69.23	3/4		3/4						

STRAPPED: 03/10/1995 SI
DECK MEASUREMENTS: 04/14/2010 SW CL
REPRINTED: 04/20/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30010"

3 PORT ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-02 3/4"

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																			
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
12		12		12		12		12		12		12		12		12		12	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

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

GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





BARGE "KIRBY 30010"

3 PORT ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-02 3/4"

	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		IN
0	2,248.71	0	1,888.13	0	1,528.29	0	1,168.38	0	808.41	0	448.30	0	88.56	0	0	0	0	0	0	0
1/4	2,241.20	1/4	1,880.63	1/4	1,520.80	1/4	1,160.88	1/4	800.91	1/4	440.78	1/4	81.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,233.68	1/2	1,873.12	1/2	1,513.30	1/2	1,153.38	1/2	793.41	1/2	433.27	1/2	75.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,226.17	3/4	1,865.62	3/4	1,505.80	3/4	1,145.88	3/4	785.91	3/4	425.75	3/4	68.49	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,218.66	1	1,858.13	1	1,498.30	1	1,138.38	1	778.41	1	418.24	1	62.85	1	1	1	1	1	1	1
1/4	2,211.15	1/4	1,850.63	1/4	1,490.81	1/4	1,130.88	1/4	770.91	1/4	410.72	1/4	57.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,203.63	1/2	1,843.14	1/2	1,483.31	1/2	1,123.38	1/2	763.41	1/2	403.21	1/2	51.56	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,196.12	3/4	1,835.64	3/4	1,475.81	3/4	1,115.88	3/4	755.91	3/4	395.69	3/4	45.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,188.61	2	1,828.15	2	1,468.31	2	1,108.38	2	748.41	2	388.17	2	41.44	2	2	2	2	2	2	2
1/4	2,181.10	1/4	1,820.65	1/4	1,460.82	1/4	1,100.88	1/4	740.92	1/4	380.66	1/4	36.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,173.58	1/2	1,813.16	1/2	1,453.32	1/2	1,093.38	1/2	733.42	1/2	373.14	1/2	32.47	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,166.07	3/4	1,805.66	3/4	1,445.82	3/4	1,085.88	3/4	725.92	3/4	365.62	3/4	27.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,158.56	3	1,798.17	3	1,438.32	3	1,078.38	3	718.42	3	358.11	3	3	3	3	3	3	3	3	3
1/4	2,151.05	1/4	1,790.67	1/4	1,430.83	1/4	1,070.89	1/4	710.92	1/4	350.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,143.54	1/2	1,783.18	1/2	1,423.33	1/2	1,063.39	1/2	703.42	1/2	343.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,136.03	3/4	1,775.68	3/4	1,415.83	3/4	1,055.89	3/4	695.92	3/4	335.56	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
4	2,128.52	4	1,768.19	4	1,408.33	4	1,048.39	4	688.42	4	328.04	4	4	4	4	4	4	4	4	4
1/4	2,121.01	1/4	1,760.69	1/4	1,400.84	1/4	1,040.89	1/4	680.93	1/4	320.53	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,113.49	1/2	1,753.20	1/2	1,393.34	1/2	1,033.39	1/2	673.43	1/2	313.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,105.98	3/4	1,745.70	3/4	1,385.84	3/4	1,025.89	3/4	665.93	3/4	305.49	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
5	2,098.47	5	1,738.20	5	1,378.34	5	1,018.39	5	658.43	5	297.98	5	5	5	5	5	5	5	5	5
1/4	2,090.96	1/4	1,730.71	1/4	1,370.85	1/4	1,010.89	1/4	650.94	1/4	290.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,083.44	1/2	1,723.21	1/2	1,363.35	1/2	1,003.39	1/2	643.44	1/2	282.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,075.93	3/4	1,715.71	3/4	1,355.85	3/4	995.89	3/4	635.94	3/4	275.43	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
6	2,068.42	6	1,708.22	6	1,348.35	6	988.39	6	628.44	6	267.92	6	6	6	6	6	6	6	6	6
1/4	2,060.91	1/4	1,700.72	1/4	1,340.86	1/4	980.89	1/4	620.94	1/4	260.40	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,053.39	1/2	1,693.23	1/2	1,333.36	1/2	973.39	1/2	613.44	1/2	252.89	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,045.88	3/4	1,685.73	3/4	1,325.86	3/4	965.89	3/4	605.94	3/4	245.37	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
7	2,038.37	7	1,678.24	7	1,318.37	7	958.39	7	598.43	7	237.86	7	7	7	7	7	7	7	7	7
1/4	2,030.86	1/4	1,670.74	1/4	1,310.87	1/4	950.90	1/4	590.93	1/4	230.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,023.34	1/2	1,663.25	1/2	1,303.38	1/2	943.40	1/2	583.42	1/2	222.83	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,015.83	3/4	1,655.75	3/4	1,295.88	3/4	935.90	3/4	575.91	3/4	215.32	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
8	2,008.32	8	1,648.26	8	1,288.38	8	928.40	8	568.41	8	207.81	8	8	8	8	8	8	8	8	8
1/4	2,000.81	1/4	1,640.76	1/4	1,280.88	1/4	920.90	1/4	560.90	1/4	200.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,993.29	1/2	1,633.27	1/2	1,273.38	1/2	913.40	1/2	553.40	1/2	192.78	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,985.78	3/4	1,625.77	3/4	1,265.88	3/4	905.90	3/4	545.89	3/4	185.26	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
9	1,978.27	9	1,618.27	9	1,258.38	9	898.40	9	538.39	9	177.75	9	9	9	9	9	9	9	9	9
1/4	1,970.76	1/4	1,610.78	1/4	1,250.88	1/4	890.90	1/4	530.88	1/4	170.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,963.24	1/2	1,603.28	1/2	1,243.38	1/2	883.40	1/2	523.38	1/2	162.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,955.73	3/4	1,595.78	3/4	1,235.88	3/4	875.90	3/4	515.87	3/4	155.21	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
10	1,948.22	10	1,588.28	10	1,228.38	10	868.40	10	508.37	10	147.70	10	10	10	10	10	10	10	10	10
1/4	1,940.71	1/4	1,580.79	1/4	1,220.88	1/4	860.91	1/4	500.86	1/4	140.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,933.19	1/2	1,573.29	1/2	1,213.38	1/2	853.41	1/2	493.36	1/2	132.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,925.68	3/4	1,565.79	3/4	1,205.88	3/4	845.91	3/4	485.85	3/4	125.16	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
11	1,918.17	11	1,558.29	11	1,198.38	11	838.41	11	478.34	11	117.68	11	11	11	11	11	11	11	11	11
1/4	1,910.66	1/4	1,550.79	1/4	1,190.88	1/4	830.91	1/4	470.83	1/4	110.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,903.14	1/2	1,543.29	1/2	1,183.38	1/2	823.41	1/2	463.32	1/2	102.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,895.63	3/4	1,535.79	3/4	1,175.88	3/4	815.91	3/4	455.81	3/4	95.25	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

STRAPPED: 03/10/1995 SI
DECK MEASUREMENTS: 04/14/2010 SW CL
REPRINTED: 04/20/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/20/10

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 30010"

3 STBD ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-02 3/4"

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	4,450.02	0	4,192.30	0	3,924.18	0	3,647.64	0	3,339.15	0	2,979.08	0	2,618.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,444.75	1/4	4,186.81	1/4	3,918.49	1/4	3,641.85	1/4	3,331.66	1/4	2,971.57	1/4	2,610.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,439.48	1/2	4,181.31	1/2	3,912.81	1/2	3,636.05	1/2	3,324.18	1/2	2,964.07	1/2	2,603.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,434.21	3/4	4,175.82	3/4	3,907.12	3/4	3,630.26	3/4	3,316.69	3/4	2,956.56	3/4	2,595.79
1	1	1	1	1	1	1	4,428.93	1	4,170.31	1	3,901.42	1	3,624.47	1	3,309.21	1	2,949.05	1	2,588.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,423.64	1/4	4,164.80	1/4	3,895.72	1/4	3,618.68	1/4	3,301.73	1/4	2,941.55	1/4	2,580.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,418.36	1/2	4,159.29	1/2	3,890.02	1/2	3,612.88	1/2	3,294.24	1/2	2,934.04	1/2	2,573.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,413.07	3/4	4,153.78	3/4	3,884.32	3/4	3,607.09	3/4	3,286.76	3/4	2,926.53	3/4	2,565.70
2	2	2	2	2	2	2	4,407.77	2	4,148.26	2	3,878.60	2	3,601.30	2	3,279.28	2	2,919.02	2	2,558.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,402.47	1/4	4,142.74	1/4	3,872.89	1/4	3,595.51	1/4	3,271.79	1/4	2,911.52	1/4	2,550.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,397.16	1/2	4,137.22	1/2	3,867.17	1/2	3,589.72	1/2	3,264.31	1/2	2,904.01	1/2	2,543.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,391.86	3/4	4,131.70	3/4	3,861.45	3/4	3,583.93	3/4	3,256.82	3/4	2,896.50	3/4	2,535.61
3	3	3	3	3	3	3	4,386.54	3	4,126.17	3	3,855.72	3	3,578.14	3	3,249.32	3	2,889.00	3	2,528.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,381.22	1/4	4,120.63	1/4	3,849.98	1/4	3,572.35	1/4	3,241.83	1/4	2,881.49	1/4	2,520.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,375.90	1/2	4,115.10	1/2	3,844.25	1/2	3,566.55	1/2	3,234.33	1/2	2,873.99	1/2	2,513.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,370.58	3/4	4,109.56	3/4	3,838.51	3/4	3,560.76	3/4	3,226.83	3/4	2,866.48	3/4	2,505.53
4	4	4	4	4	4	4	4,365.25	4	4,104.01	4	3,832.76	4	3,554.97	4	3,219.32	4	2,858.98	4	2,498.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,359.91	1/4	4,098.46	1/4	3,827.01	1/4	3,549.18	1/4	3,211.82	1/4	2,851.47	1/4	2,490.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,354.58	1/2	4,092.90	1/2	3,821.25	1/2	3,543.38	1/2	3,204.31	1/2	2,843.97	1/2	2,482.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,349.24	3/4	4,087.35	3/4	3,815.49	3/4	3,537.59	3/4	3,196.80	3/4	2,836.46	3/4	2,475.44
5	5	5	5	5	5	5	4,343.89	5	4,081.78	5	3,809.73	5	3,531.80	5	3,189.29	5	2,828.95	5	2,467.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,338.54	1/4	4,076.22	1/4	3,803.95	1/4	3,526.01	1/4	3,181.78	1/4	2,821.43	1/4	2,460.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,333.19	1/2	4,070.65	1/2	3,798.18	1/2	3,520.21	1/2	3,174.27	1/2	2,813.92	1/2	2,452.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,327.84	3/4	4,065.07	3/4	3,792.40	3/4	3,514.35	3/4	3,166.76	3/4	2,806.40	3/4	2,445.35
6	6	6	6	6	6	6	4,322.47	6	4,059.49	6	3,786.62	6	3,508.35	6	3,159.25	6	2,798.88	6	2,437.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,317.10	1/4	4,053.90	1/4	3,780.83	1/4	3,502.27	1/4	3,151.74	1/4	2,791.36	1/4	2,430.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,311.73	1/2	4,048.30	1/2	3,775.05	1/2	3,496.20	1/2	3,144.23	1/2	2,783.83	1/2	2,422.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,306.36	3/4	4,042.71	3/4	3,769.26	3/4	3,490.01	3/4	3,136.72	3/4	2,776.31	3/4	2,415.26
7	7	7	7	7	7	7	4,300.98	7	4,037.10	7	3,763.47	7	3,483.61	7	3,129.21	7	2,768.79	7	2,407.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,295.59	1/4	4,031.49	1/4	3,757.68	1/4	3,477.10	1/4	3,121.71	1/4	2,761.27	1/4	2,400.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,290.21	1/2	4,025.88	1/2	3,751.89	1/2	3,470.59	1/2	3,114.20	1/2	2,753.75	1/2	2,392.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,284.82	3/4	4,020.27	3/4	3,746.10	3/4	3,463.96	3/4	3,106.69	3/4	2,746.23	3/4	2,385.17
8	8	8	8	8	8	8	4,279.42	8	4,014.65	8	3,740.31	8	3,457.08	8	3,099.18	8	2,738.71	8	2,377.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,274.02	1/4	4,009.02	1/4	3,734.52	1/4	3,450.08	1/4	3,091.68	1/4	2,731.19	1/4	2,370.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,268.62	1/2	4,003.40	1/2	3,728.72	1/2	3,443.07	1/2	3,084.17	1/2	2,723.66	1/2	2,362.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,263.22	3/4	3,997.77	3/4	3,722.93	3/4	3,435.98	3/4	3,076.66	3/4	2,716.14	3/4	2,355.09
9	9	9	9	9	9	9	4,257.80	9	3,992.13	9	3,717.14	9	3,428.69	9	3,069.16	9	2,708.62	9	2,347.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,252.38	1/4	3,986.48	1/4	3,711.35	1/4	3,421.32	1/4	3,061.65	1/4	2,701.10	1/4	2,340.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,246.96	1/2	3,980.84	1/2	3,705.55	1/2	3,413.94	1/2	3,054.15	1/2	2,693.57	1/2	2,332.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,241.53	3/4	3,975.19	3/4	3,699.76	3/4	3,406.53	3/4	3,046.64	3/4	2,686.05	3/4	2,325.00
10	10	10	10	10	10	10	4,236.08	10	3,969.53	10	3,693.97	10	3,399.06	10	3,039.13	10	2,678.53	10	2,317.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,230.62	1/4	3,963.88	1/4	3,688.18	1/4	3,391.56	1/4	3,031.63	1/4	2,671.01	1/4	2,309.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,225.16	1/2	3,958.22	1/2	3,682.38	1/2	3,384.06	1/2	3,024.12	1/2	2,663.48	1/2	2,302.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,219.70	3/4	3,952.56	3/4	3,676.59	3/4	3,376.56	3/4	3,016.61	3/4	2,655.96	3/4	2,294.91
11	11	11	11	11	11	11	4,214.22	11	3,946.89	11	3,670.80	11	3,369.08	11	3,009.10	11	2,648.44	11	2,287.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,208.75	1/4	3,941.21	1/4	3,665.01	1/4	3,361.60	1/4	3,001.60	1/4	2,640.92	1/4	2,279.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,203.27	1/2	3,935.54	1/2	3,659.22	1/2	3,354.11	1/2	2,994.09	1/2	2,633.40	1/2	2,272.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,197.79	3/4	3,929.86	3/4	3,653.43	3/4	3,346.63	3/4	2,986.58	3/4	2,625.88	3/4	2,264.82

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

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

GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30010"

3 STBD ULLAGE TABLE

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

FORMERLY "STCO 2901"

GAUGE HEIGHT 16'-02 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	2,257.30	0	1,896.23	0	1,535.04	0	1,173.85	0	812.70	0	451.59	0	92.04	0					
1/4	2,249.78	1/4	1,888.70	1/4	1,527.51	1/4	1,166.33	1/4	805.17	1/4	444.07	1/4	85.24	1/4					
1/2	2,242.26	1/2	1,881.18	1/2	1,519.99	1/2	1,158.80	1/2	797.65	1/2	436.54	1/2	78.45	1/2					
3/4	2,234.74	3/4	1,873.65	3/4	1,512.46	3/4	1,151.28	3/4	790.12	3/4	429.02	3/4	71.90	3/4					
1	2,227.22	1	1,866.13	1	1,504.94	1	1,143.76	1	782.60	1	421.50	1	65.86	1					
1/4	2,219.70	1/4	1,858.60	1/4	1,497.41	1/4	1,136.23	1/4	775.08	1/4	413.98	1/4	60.08	1/4					
1/2	2,212.17	1/2	1,851.08	1/2	1,489.89	1/2	1,128.71	1/2	767.55	1/2	406.45	1/2	54.29	1/2					
3/4	2,204.65	3/4	1,843.55	3/4	1,482.36	3/4	1,121.18	3/4	760.03	3/4	398.93	3/4	48.82	3/4					
2	2,197.13	2	1,836.03	2	1,474.84	2	1,113.66	2	752.51	2	391.41	2	43.95	2					
1/4	2,189.61	1/4	1,828.50	1/4	1,467.31	1/4	1,106.13	1/4	744.98	1/4	383.89	1/4	39.39	1/4					
1/2	2,182.08	1/2	1,820.98	1/2	1,459.79	1/2	1,098.61	1/2	737.46	1/2	376.37	1/2	34.82	1/2					
3/4	2,174.56	3/4	1,813.45	3/4	1,452.26	3/4	1,091.08	3/4	729.93	3/4	368.85	3/4	27.98	3/4					
3	2,167.04	3	1,805.93	3	1,444.74	3	1,083.56	3	722.41	3	361.33	3		3					
1/4	2,159.52	1/4	1,798.40	1/4	1,437.21	1/4	1,076.04	1/4	714.88	1/4	353.81	1/4		1/4					
1/2	2,151.99	1/2	1,790.88	1/2	1,429.69	1/2	1,068.51	1/2	707.36	1/2	346.28	1/2		1/2					
3/4	2,144.47	3/4	1,783.35	3/4	1,422.16	3/4	1,060.99	3/4	699.83	3/4	338.76	3/4		3/4					
4	2,136.95	4	1,775.83	4	1,414.64	4	1,053.47	4	692.31	4	331.24	4		4					
1/4	2,129.43	1/4	1,768.30	1/4	1,407.12	1/4	1,045.94	1/4	684.79	1/4	323.71	1/4		1/4					
1/2	2,121.91	1/2	1,760.78	1/2	1,399.59	1/2	1,038.42	1/2	677.26	1/2	316.19	1/2		1/2					
3/4	2,114.39	3/4	1,753.25	3/4	1,392.07	3/4	1,030.89	3/4	669.74	3/4	308.66	3/4		3/4					
5	2,106.87	5	1,745.73	5	1,384.55	5	1,023.37	5	662.22	5	301.14	5		5					
1/4	2,099.35	1/4	1,738.20	1/4	1,377.02	1/4	1,015.84	1/4	654.69	1/4	293.62	1/4		1/4					
1/2	2,091.82	1/2	1,730.68	1/2	1,369.50	1/2	1,008.32	1/2	647.17	1/2	286.09	1/2		1/2					
3/4	2,084.30	3/4	1,723.15	3/4	1,361.97	3/4	1,000.79	3/4	639.64	3/4	278.58	3/4		3/4					
6	2,076.78	6	1,715.63	6	1,354.45	6	993.27	6	632.12	6	271.08	6		6					
1/4	2,069.26	1/4	1,708.10	1/4	1,346.92	1/4	985.75	1/4	624.60	1/4	263.59	1/4		1/4					
1/2	2,061.73	1/2	1,700.58	1/2	1,339.40	1/2	978.22	1/2	617.07	1/2	256.10	1/2		1/2					
3/4	2,054.21	3/4	1,693.05	3/4	1,331.87	3/4	970.70	3/4	609.55	3/4	248.61	3/4		3/4					
7	2,046.69	7	1,685.53	7	1,324.35	7	963.18	7	602.03	7	241.12	7		7					
1/4	2,039.17	1/4	1,678.00	1/4	1,316.82	1/4	955.65	1/4	594.50	1/4	233.63	1/4		1/4					
1/2	2,031.64	1/2	1,670.48	1/2	1,309.30	1/2	948.13	1/2	586.98	1/2	226.14	1/2		1/2					
3/4	2,024.12	3/4	1,662.95	3/4	1,301.77	3/4	940.60	3/4	579.45	3/4	218.65	3/4		3/4					
8	2,016.60	8	1,655.43	8	1,294.25	8	933.08	8	571.93	8	211.16	8		8					
1/4	2,009.08	1/4	1,647.91	1/4	1,286.72	1/4	925.56	1/4	564.41	1/4	203.68	1/4		1/4					
1/2	2,001.56	1/2	1,640.38	1/2	1,279.20	1/2	918.03	1/2	556.89	1/2	196.19	1/2		1/2					
3/4	1,994.04	3/4	1,632.86	3/4	1,271.67	3/4	910.51	3/4	549.37	3/4	188.70	3/4		3/4					
9	1,986.52	9	1,625.34	9	1,264.15	9	902.99	9	541.85	9	181.21	9		9					
1/4	1,978.99	1/4	1,617.81	1/4	1,256.62	1/4	895.46	1/4	534.33	1/4	173.72	1/4		1/4					
1/2	1,971.47	1/2	1,610.29	1/2	1,249.10	1/2	887.94	1/2	526.80	1/2	166.23	1/2		1/2					
3/4	1,963.94	3/4	1,602.76	3/4	1,241.57	3/4	880.41	3/4	519.28	3/4	158.74	3/4		3/4					
10	1,956.42	10	1,595.24	10	1,234.05	10	872.89	10	511.76	10	151.25	10		10					
1/4	1,948.89	1/4	1,587.71	1/4	1,226.52	1/4	865.36	1/4	504.24	1/4	143.76	1/4		1/4					
1/2	1,941.37	1/2	1,580.19	1/2	1,219.00	1/2	857.84	1/2	496.71	1/2	136.28	1/2		1/2					
3/4	1,933.84	3/4	1,572.66	3/4	1,211.47	3/4	850.31	3/4	489.19	3/4	128.79	3/4		3/4					
11	1,926.32	11	1,565.14	11	1,203.95	11	842.79	11	481.67	11	121.30	11		11					
1/4	1,918.80	1/4	1,557.61	1/4	1,196.42	1/4	835.27	1/4	474.15	1/4	113.81	1/4		1/4					
1/2	1,911.27	1/2	1,550.09	1/2	1,188.90	1/2	827.74	1/2	466.63	1/2	106.33	1/2		1/2					
3/4	1,903.75	3/4	1,542.56	3/4	1,181.37	3/4	820.22	3/4	459.11	3/4	99.01	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/1995 SI
DECK MEASUREMENTS: 04/14/2010 SW CL
REPRINTED: 04/20/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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