



# BARGE "KIRBY 29126"

## 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	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
1 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
2 PORT	00-3/8	- 00-3/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-1/8	- 02-1/8	02-1/2	- 02-1/2
2 STBD	00-3/8	- 00-3/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-1/8	- 02-1/8	02-1/2	- 02-1/2
3 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8
3 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8

(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 1 PORT IS - 00-5/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

December 11, 2014

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 29126"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,933.39	0	4,600.65	0	4,262.47	0	3,907.86	0	3,537.44	0	3,162.43	0	2,785.91
1/4		1/4		1/4		1/4	4,928.03	1/4	4,593.78	1/4	4,255.26	1/4	3,900.31	1/4	3,529.63	1/4	3,154.58	1/4	2,778.07
1/2		1/2		1/2		1/2	4,921.38	1/2	4,586.89	1/2	4,248.02	1/2	3,892.73	1/2	3,521.82	1/2	3,146.74	1/2	2,770.23
3/4		3/4		3/4		3/4	4,914.73	3/4	4,580.00	3/4	4,240.79	3/4	3,885.14	3/4	3,514.01	3/4	3,138.89	3/4	2,762.38
1	1	1	1	1	1	1	4,908.08	1	4,573.10	1	4,233.55	1	3,877.56	1	3,506.21	1	3,131.05	1	2,754.54
1/4		1/4		1/4		1/4	4,901.43	1/4	4,566.21	1/4	4,226.31	1/4	3,869.98	1/4	3,498.40	1/4	3,123.21	1/4	2,746.69
1/2		1/2		1/2		1/2	4,893.85	1/2	4,559.29	1/2	4,219.05	1/2	3,862.37	1/2	3,490.59	1/2	3,115.36	1/2	2,738.85
3/4		3/4		3/4		3/4	4,886.27	3/4	4,552.37	3/4	4,211.78	3/4	3,854.76	3/4	3,482.78	3/4	3,107.52	3/4	2,731.01
2	2	2	2	2	2	2	4,878.69	2	4,545.44	2	4,204.52	2	3,847.15	2	3,474.97	2	3,099.67	2	2,723.16
1/4		1/4		1/4		1/4	4,871.11	1/4	4,538.52	1/4	4,197.25	1/4	3,839.54	1/4	3,467.16	1/4	3,091.83	1/4	2,715.32
1/2		1/2		1/2		1/2	4,863.30	1/2	4,531.57	1/2	4,189.96	1/2	3,831.91	1/2	3,459.35	1/2	3,083.99	1/2	2,707.47
3/4		3/4		3/4		3/4	4,855.49	3/4	4,524.62	3/4	4,182.67	3/4	3,824.27	3/4	3,451.54	3/4	3,076.14	3/4	2,699.63
3	3	3	3	3	3	3	4,847.68	3	4,517.67	3	4,175.37	3	3,816.64	3	3,443.73	3	3,068.30	3	2,691.79
1/4		1/4		1/4		1/4	4,839.87	1/4	4,510.72	1/4	4,168.08	1/4	3,809.00	1/4	3,435.92	1/4	3,060.45	1/4	2,683.94
1/2		1/2		1/2		1/2	4,832.49	1/2	4,503.74	1/2	4,160.76	1/2	3,801.34	1/2	3,428.11	1/2	3,052.61	1/2	2,676.10
3/4		3/4		3/4		3/4	4,825.11	3/4	4,496.75	3/4	4,153.43	3/4	3,793.67	3/4	3,420.30	3/4	3,044.77	3/4	2,668.25
4	4	4	4	4	4	4	4,817.74	4	4,489.77	4	4,146.11	4	3,786.01	4	3,412.49	4	3,036.92	4	2,660.41
1/4		1/4		1/4		1/4	4,810.36	1/4	4,482.79	1/4	4,138.79	1/4	3,778.34	1/4	3,404.68	1/4	3,029.08	1/4	2,652.57
1/2		1/2		1/2		1/2	4,803.69	1/2	4,475.79	1/2	4,131.44	1/2	3,770.65	1/2	3,396.88	1/2	3,021.23	1/2	2,644.72
3/4		3/4		3/4		3/4	4,797.02	3/4	4,468.78	3/4	4,124.09	3/4	3,762.95	3/4	3,389.07	3/4	3,013.39	3/4	2,636.88
5	5	5	5	5	5	5	4,790.36	5	4,461.77	5	4,116.74	5	3,755.26	5	3,381.26	5	3,005.55	5	2,629.03
1/4		1/4		1/4		1/4	4,783.69	1/4	4,454.76	1/4	4,109.38	1/4	3,747.57	1/4	3,373.45	1/4	2,997.70	1/4	2,621.19
1/2		1/2		1/2		1/2	4,776.99	1/2	4,447.72	1/2	4,102.00	1/2	3,739.85	1/2	3,365.64	1/2	2,989.86	1/2	2,613.35
3/4		3/4		3/4		3/4	4,770.30	3/4	4,440.68	3/4	4,094.62	3/4	3,732.12	3/4	3,357.83	3/4	2,982.01	3/4	2,605.50
6	6	6	6	6	6	6	4,763.60	6	4,433.65	6	4,087.24	6	3,724.40	6	3,350.02	6	2,974.17	6	2,597.66
1/4		1/4		1/4		1/4	4,756.91	1/4	4,426.61	1/4	4,079.86	1/4	3,716.68	1/4	3,342.21	1/4	2,966.33	1/4	2,589.81
1/2		1/2		1/2		1/2	4,750.18	1/2	4,419.54	1/2	4,072.46	1/2	3,708.93	1/2	3,334.40	1/2	2,958.48	1/2	2,581.97
3/4		3/4		3/4		3/4	4,743.46	3/4	4,412.47	3/4	4,065.05	3/4	3,701.18	3/4	3,326.59	3/4	2,950.64	3/4	2,574.13
7	7	7	7	7	7	7	4,736.73	7	4,405.41	7	4,057.64	7	3,693.42	7	3,318.78	7	2,942.79	7	2,566.28
1/4		1/4		1/4		1/4	4,730.01	1/4	4,398.34	1/4	4,050.23	1/4	3,685.67	1/4	3,310.97	1/4	2,934.95	1/4	2,558.44
1/2		1/2		1/2		1/2	4,723.25	1/2	4,391.24	1/2	4,042.79	1/2	3,677.89	1/2	3,303.16	1/2	2,927.11	1/2	2,550.59
3/4		3/4		3/4		3/4	4,716.50	3/4	4,384.15	3/4	4,035.35	3/4	3,670.11	3/4	3,295.35	3/4	2,919.26	3/4	2,542.75
8	8	8	8	8	8	8	4,709.75	8	4,377.05	8	4,027.92	8	3,662.33	8	3,287.55	8	2,911.42	8	2,534.91
1/4		1/4		1/4		1/4	4,702.99	1/4	4,369.96	1/4	4,020.48	1/4	3,654.55	1/4	3,279.74	1/4	2,903.57	1/4	2,527.06
1/2		1/2		1/2		1/2	4,696.21	1/2	4,362.83	1/2	4,013.01	1/2	3,646.75	1/2	3,271.93	1/2	2,895.73	1/2	2,519.22
3/4		3/4		3/4		3/4	4,689.43	3/4	4,355.71	3/4	4,005.54	3/4	3,638.95	3/4	3,264.12	3/4	2,887.89	3/4	2,511.37
9	9	9	9	9	9	9	4,682.64	9	4,348.58	9	3,998.08	9	3,631.15	9	3,256.31	9	2,880.04	9	2,503.53
1/4		1/4		1/4		1/4	4,675.86	1/4	4,341.46	1/4	3,990.61	1/4	3,623.34	1/4	3,248.50	1/4	2,872.20	1/4	2,495.69
1/2		1/2		1/2		1/2	4,669.05	1/2	4,334.30	1/2	3,983.11	1/2	3,615.54	1/2	3,240.69	1/2	2,864.35	1/2	2,487.84
3/4		3/4		3/4		3/4	4,662.24	3/4	4,327.15	3/4	3,975.62	3/4	3,607.73	3/4	3,232.88	3/4	2,856.51	3/4	2,480.00
10	10	10	10	10	10	10	4,655.42	10	4,319.99	10	3,968.12	10	3,599.92	10	3,225.07	10	2,848.67	10	2,472.15
1/4		1/4		1/4		1/4	4,648.61	1/4	4,312.84	1/4	3,960.63	1/4	3,592.11	1/4	3,217.26	1/4	2,840.82	1/4	2,464.31
1/2		1/2		1/2		1/2	4,641.77	1/2	4,305.66	1/2	3,953.10	1/2	3,584.30	1/2	3,209.44	1/2	2,832.98	1/2	2,456.47
3/4		3/4		3/4		3/4	4,634.93	3/4	4,298.47	3/4	3,945.58	3/4	3,576.49	3/4	3,201.61	3/4	2,825.13	3/4	2,448.62
11	11	11	11	11	11	11	4,628.09	11	4,291.29	11	3,938.05	11	3,568.68	11	3,193.78	11	2,817.29	11	2,440.78
1/4		1/4		1/4		1/4	4,621.25	1/4	4,284.11	1/4	3,930.52	1/4	3,560.87	1/4	3,185.96	1/4	2,809.45	1/4	2,432.93
1/2		1/2		1/2		1/2	4,614.38	1/2	4,276.90	1/2	3,922.97	1/2	3,553.06	1/2	3,178.11	1/2	2,801.60	1/2	2,425.09
3/4		3/4		3/4		3/4	4,938.75	3/4	4,607.51	3/4	4,269.68	3/4	3,915.42	3/4	3,545.25	3/4	3,170.27	3/4	2,417.25

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 51'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "KIRBY 29126"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	2,409.40	0	2,032.89	0	1,656.38	0	1,281.25	0	905.50	0	529.03	0	182.10	0		0		0	
1/4	2,401.56	1/4	2,025.05	1/4	1,648.53	1/4	1,273.45	1/4	897.66	1/4	521.20	1/4	175.49	1/4		1/4		1/4	
1/2	2,393.71	1/2	2,017.20	1/2	1,640.69	1/2	1,265.66	1/2	889.81	1/2	513.41	1/2	169.00	1/2		1/2		1/2	
3/4	2,385.87	3/4	2,009.36	3/4	1,632.85	3/4	1,257.86	3/4	881.97	3/4	505.62	3/4	162.51	3/4		3/4		3/4	
1	2,378.03	1	2,001.51	1	1,625.00	1	1,250.07	1	874.13	1	497.84	1	156.01	1		1		1	
1/4	2,370.18	1/4	1,993.67	1/4	1,617.16	1/4	1,242.27	1/4	866.28	1/4	490.05	1/4	149.52	1/4		1/4		1/4	
1/2	2,362.34	1/2	1,985.83	1/2	1,609.31	1/2	1,234.48	1/2	858.44	1/2	482.36	1/2	143.14	1/2		1/2		1/2	
3/4	2,354.49	3/4	1,977.98	3/4	1,601.47	3/4	1,226.68	3/4	850.59	3/4	474.66	3/4	136.76	3/4		3/4		3/4	
2	2,346.65	2	1,970.14	2	1,593.63	2	1,218.89	2	842.75	2	466.97	2	130.39	2		2		2	
1/4	2,338.81	1/4	1,962.29	1/4	1,585.78	1/4	1,211.09	1/4	834.91	1/4	459.28	1/4	124.01	1/4		1/4		1/4	
1/2	2,330.96	1/2	1,954.45	1/2	1,577.94	1/2	1,203.30	1/2	827.06	1/2	451.69	1/2	117.75	1/2		1/2		1/2	
3/4	2,323.12	3/4	1,946.61	3/4	1,570.09	3/4	1,195.50	3/4	819.22	3/4	444.11	3/4	111.50	3/4		3/4		3/4	
3	2,315.27	3	1,938.76	3	1,562.25	3	1,187.71	3	811.38	3	436.52	3	105.24	3		3		3	
1/4	2,307.43	1/4	1,930.92	1/4	1,554.41	1/4	1,179.91	1/4	803.53	1/4	428.94	1/4	98.98	1/4		1/4		1/4	
1/2	2,299.59	1/2	1,923.07	1/2	1,546.57	1/2	1,172.10	1/2	795.69	1/2	421.46	1/2	92.85	1/2		1/2		1/2	
3/4	2,291.74	3/4	1,915.23	3/4	1,538.74	3/4	1,164.29	3/4	787.84	3/4	413.98	3/4	86.73	3/4		3/4		3/4	
4	2,283.90	4	1,907.39	4	1,530.91	4	1,156.47	4	780.00	4	406.51	4	80.60	4		4		4	
1/4	2,276.05	1/4	1,899.54	1/4	1,523.07	1/4	1,148.66	1/4	772.16	1/4	399.03	1/4	74.47	1/4		1/4		1/4	
1/2	2,268.21	1/2	1,891.70	1/2	1,515.26	1/2	1,140.81	1/2	764.31	1/2	391.66	1/2	68.48	1/2		1/2		1/2	
3/4	2,260.37	3/4	1,883.85	3/4	1,507.44	3/4	1,132.97	3/4	756.47	3/4	384.30	3/4	62.49	3/4		3/4		3/4	
5	2,252.52	5	1,876.01	5	1,499.63	5	1,125.13	5	748.62	5	376.93	5	56.51	5		5		5	
1/4	2,244.68	1/4	1,868.17	1/4	1,491.81	1/4	1,117.28	1/4	740.78	1/4	369.56	1/4	50.52	1/4		1/4		1/4	
1/2	2,236.83	1/2	1,860.32	1/2	1,484.00	1/2	1,109.44	1/2	732.94	1/2	362.30	1/2	45.12	1/2		1/2		1/2	
3/4	2,228.99	3/4	1,852.48	3/4	1,476.19	3/4	1,101.60	3/4	725.09	3/4	355.05	3/4	39.73	3/4		3/4		3/4	
6	2,221.15	6	1,844.63	6	1,468.38	6	1,093.75	6	717.25	6	347.79	6	34.33	6		6		6	
1/4	2,213.30	1/4	1,836.79	1/4	1,460.57	1/4	1,085.91	1/4	709.41	1/4	340.53	1/4	28.93	1/4		1/4		1/4	
1/2	2,205.46	1/2	1,828.95	1/2	1,452.77	1/2	1,078.06	1/2	701.56	1/2	333.38	1/2	24.98	1/2		1/2		1/2	
3/4	2,197.61	3/4	1,821.10	3/4	1,444.97	3/4	1,070.22	3/4	693.72	3/4	326.23	3/4	21.04	3/4		3/4		3/4	
7	2,189.77	7	1,813.26	7	1,437.17	7	1,062.38	7	685.87	7	319.08	7	17.09	7		7		7	
1/4	2,181.93	1/4	1,805.41	1/4	1,429.37	1/4	1,054.53	1/4	678.03	1/4	311.93	1/4	13.14	1/4		1/4		1/4	
1/2	2,174.08	1/2	1,797.57	1/2	1,421.57	1/2	1,046.69	1/2	670.19	1/2	304.89	1/2		1/2		1/2		1/2	
3/4	2,166.24	3/4	1,789.73	3/4	1,413.77	3/4	1,038.85	3/4	662.34	3/4	297.85	3/4		3/4		3/4		3/4	
8	2,158.39	8	1,781.88	8	1,405.97	8	1,031.00	8	654.50	8	290.81	8		8		8		8	
1/4	2,150.55	1/4	1,774.04	1/4	1,398.17	1/4	1,023.16	1/4	646.66	1/4	283.77	1/4		1/4		1/4		1/4	
1/2	2,142.71	1/2	1,766.19	1/2	1,390.38	1/2	1,015.31	1/2	638.81	1/2	276.84	1/2		1/2		1/2		1/2	
3/4	2,134.86	3/4	1,758.35	3/4	1,382.58	3/4	1,007.47	3/4	630.97	3/4	269.91	3/4		3/4		3/4		3/4	
9	2,127.02	9	1,750.51	9	1,374.79	9	999.63	9	623.12	9	262.98	9		9		9		9	
1/4	2,119.17	1/4	1,742.66	1/4	1,366.99	1/4	991.78	1/4	615.28	1/4	256.05	1/4		1/4		1/4		1/4	
1/2	2,111.33	1/2	1,734.82	1/2	1,359.20	1/2	983.94	1/2	607.44	1/2	249.23	1/2		1/2		1/2		1/2	
3/4	2,103.49	3/4	1,726.97	3/4	1,351.40	3/4	976.09	3/4	599.59	3/4	242.40	3/4		3/4		3/4		3/4	
10	2,095.64	10	1,719.13	10	1,343.61	10	968.25	10	591.75	10	235.58	10		10		10		10	
1/4	2,087.80	1/4	1,711.29	1/4	1,335.81	1/4	960.41	1/4	583.90	1/4	228.76	1/4		1/4		1/4		1/4	
1/2	2,079.95	1/2	1,703.44	1/2	1,328.02	1/2	952.56	1/2	576.06	1/2	222.05	1/2		1/2		1/2		1/2	
3/4	2,072.11	3/4	1,695.60	3/4	1,320.22	3/4	944.72	3/4	568.22	3/4	215.33	3/4		3/4		3/4		3/4	
11	2,064.27	11	1,687.75	11	1,312.43	11	936.88	11	560.37	11	208.62	11		11		11		11	
1/4	2,056.42	1/4	1,679.91	1/4	1,304.63	1/4	929.03	1/4	552.53	1/4	201.91	1/4		1/4		1/4		1/4	
1/2	2,048.58	1/2	1,672.07	1/2	1,296.84	1/2	921.19	1/2	544.70	1/2	195.30	1/2		1/2		1/2		1/2	
3/4	2,040.73	3/4	1,664.22	3/4	1,289.04	3/4	913.34	3/4	536.86	3/4	188.70	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/11/2014 CL  
CALCULATED: 12/11/2014 CL  
PRINTED: 12/11/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2014

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



# BARGE "KIRBY 29126"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,630.92	0	4,294.05	0	3,940.72	0	3,571.27	0	3,196.28	0	2,819.70
1/4		1/4		1/4		1/4		1/4	4,624.08	1/4	4,286.86	1/4	3,933.20	1/4	3,563.46	1/4	3,188.45	1/4	2,811.86
1/2		1/2		1/2		1/2		1/2	4,617.21	1/2	4,279.65	1/2	3,925.64	1/2	3,555.65	1/2	3,180.61	1/2	2,804.01
3/4		3/4		3/4		3/4		3/4	4,941.65	3/4	4,610.34	3/4	4,272.43	3/4	3,918.09	3/4	3,547.84	3/4	3,172.76
1		1		1		1		1	4,936.29	1	4,603.48	1	4,265.22	1	3,910.53	1	3,540.03	1	3,164.92
1/4		1/4		1/4		1/4		1/4	4,930.93	1/4	4,596.61	1/4	4,258.01	1/4	3,902.98	1/4	3,532.21	1/4	3,157.07
1/2		1/2		1/2		1/2		1/2	4,924.28	1/2	4,589.71	1/2	4,250.77	1/2	3,895.39	1/2	3,524.40	1/2	3,149.23
3/4		3/4		3/4		3/4		3/4	4,917.63	3/4	4,582.82	3/4	4,243.53	3/4	3,887.81	3/4	3,516.59	3/4	3,141.38
2		2		2		2		2	4,910.98	2	4,575.92	2	4,236.29	2	3,880.22	2	3,508.78	2	3,133.53
1/4		1/4		1/4		1/4		1/4	4,904.32	1/4	4,569.03	1/4	4,229.05	1/4	3,872.63	1/4	3,500.97	1/4	3,125.69
1/2		1/2		1/2		1/2		1/2	4,896.74	1/2	4,562.10	1/2	4,221.79	1/2	3,865.02	1/2	3,493.16	1/2	3,117.84
3/4		3/4		3/4		3/4		3/4	4,889.16	3/4	4,555.18	3/4	4,214.52	3/4	3,857.42	3/4	3,485.35	3/4	3,110.00
3		3		3		3		3	4,881.58	3	4,548.26	3	4,207.25	3	3,849.81	3	3,477.54	3	3,102.15
1/4		1/4		1/4		1/4		1/4	4,873.99	1/4	4,541.33	1/4	4,199.99	1/4	3,842.20	1/4	3,469.73	1/4	3,094.31
1/2		1/2		1/2		1/2		1/2	4,866.18	1/2	4,534.38	1/2	4,192.69	1/2	3,834.56	1/2	3,461.91	1/2	3,086.46
3/4		3/4		3/4		3/4		3/4	4,858.37	3/4	4,527.43	3/4	4,185.40	3/4	3,826.92	3/4	3,454.10	3/4	3,078.61
4		4		4		4		4	4,850.56	4	4,520.47	4	4,178.10	4	3,819.28	4	3,446.29	4	3,070.77
1/4		1/4		1/4		1/4		1/4	4,842.75	1/4	4,513.52	1/4	4,170.81	1/4	3,811.65	1/4	3,438.48	1/4	3,062.92
1/2		1/2		1/2		1/2		1/2	4,835.37	1/2	4,506.54	1/2	4,163.48	1/2	3,803.98	1/2	3,430.67	1/2	3,055.08
3/4		3/4		3/4		3/4		3/4	4,827.99	3/4	4,499.56	3/4	4,156.16	3/4	3,796.31	3/4	3,422.86	3/4	3,047.23
5		5		5		5		5	4,820.61	5	4,492.58	5	4,148.83	5	3,788.65	5	3,415.05	5	3,039.38
1/4		1/4		1/4		1/4		1/4	4,813.23	1/4	4,485.59	1/4	4,141.51	1/4	3,780.98	1/4	3,407.24	1/4	3,031.54
1/2		1/2		1/2		1/2		1/2	4,806.56	1/2	4,478.58	1/2	4,134.16	1/2	3,773.28	1/2	3,399.43	1/2	3,023.69
3/4		3/4		3/4		3/4		3/4	4,799.89	3/4	4,471.57	3/4	4,126.80	3/4	3,765.59	3/4	3,391.61	3/4	3,015.85
6		6		6		6		6	4,793.23	6	4,464.56	6	4,119.45	6	3,757.89	6	3,383.80	6	3,008.00
1/4		1/4		1/4		1/4		1/4	4,786.56	1/4	4,457.55	1/4	4,112.10	1/4	3,750.20	1/4	3,375.99	1/4	3,000.16
1/2		1/2		1/2		1/2		1/2	4,779.86	1/2	4,450.51	1/2	4,104.72	1/2	3,742.47	1/2	3,368.18	1/2	2,992.31
3/4		3/4		3/4		3/4		3/4	4,773.16	3/4	4,443.47	3/4	4,097.33	3/4	3,734.75	3/4	3,360.37	3/4	2,984.46
7		7		7		7		7	4,766.47	7	4,436.43	7	4,089.95	7	3,727.02	7	3,352.56	7	2,976.62
1/4		1/4		1/4		1/4		1/4	4,759.77	1/4	4,429.39	1/4	4,082.57	1/4	3,719.30	1/4	3,344.75	1/4	2,968.77
1/2		1/2		1/2		1/2		1/2	4,753.04	1/2	4,422.33	1/2	4,075.16	1/2	3,711.55	1/2	3,336.94	1/2	2,960.93
3/4		3/4		3/4		3/4		3/4	4,746.32	3/4	4,415.26	3/4	4,067.75	3/4	3,703.79	3/4	3,329.13	3/4	2,953.08
8		8		8		8		8	4,739.59	8	4,408.19	8	4,060.34	8	3,696.04	8	3,321.31	8	2,945.23
1/4		1/4		1/4		1/4		1/4	4,732.86	1/4	4,401.12	1/4	4,052.93	1/4	3,688.29	1/4	3,313.50	1/4	2,937.39
1/2		1/2		1/2		1/2		1/2	4,726.11	1/2	4,394.02	1/2	4,045.49	1/2	3,680.51	1/2	3,305.69	1/2	2,929.54
3/4		3/4		3/4		3/4		3/4	4,719.35	3/4	4,386.92	3/4	4,038.05	3/4	3,672.73	3/4	3,297.88	3/4	2,921.70
9		9		9		9		9	4,712.60	9	4,379.83	9	4,030.61	9	3,664.94	9	3,290.07	9	2,913.85
1/4		1/4		1/4		1/4		1/4	4,705.84	1/4	4,372.73	1/4	4,023.17	1/4	3,657.16	1/4	3,282.26	1/4	2,906.01
1/2		1/2		1/2		1/2		1/2	4,699.06	1/2	4,365.60	1/2	4,015.70	1/2	3,649.36	1/2	3,274.45	1/2	2,898.16
3/4		3/4		3/4		3/4		3/4	4,692.27	3/4	4,358.48	3/4	4,008.23	3/4	3,641.55	3/4	3,266.64	3/4	2,890.31
10		10		10		10		10	4,685.49	10	4,351.35	10	4,000.76	10	3,633.75	10	3,258.83	10	2,882.47
1/4		1/4		1/4		1/4		1/4	4,678.70	1/4	4,344.22	1/4	3,993.29	1/4	3,625.95	1/4	3,251.01	1/4	2,874.62
1/2		1/2		1/2		1/2		1/2	4,671.89	1/2	4,337.07	1/2	3,985.80	1/2	3,618.14	1/2	3,243.20	1/2	2,866.78
3/4		3/4		3/4		3/4		3/4	4,665.08	3/4	4,329.91	3/4	3,978.30	3/4	3,610.33	3/4	3,235.39	3/4	2,858.93
11		11		11		11		11	4,658.26	11	4,322.76	11	3,970.80	11	3,602.51	11	3,227.58	11	2,851.09
1/4		1/4		1/4		1/4		1/4	4,651.45	1/4	4,315.60	1/4	3,963.31	1/4	3,594.70	1/4	3,219.77	1/4	2,843.24
1/2		1/2		1/2		1/2		1/2	4,644.61	1/2	4,308.42	1/2	3,955.78	1/2	3,586.89	1/2	3,211.94	1/2	2,835.39
3/4		3/4		3/4		3/4		3/4	4,637.76	3/4	4,301.23	3/4	3,948.25	3/4	3,579.08	3/4	3,204.11	3/4	2,827.55

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 51'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 29126"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	2,443.10	0	2,066.51	0	1,689.91	0	1,313.31	0	936.96	0	560.50	0	208.67	0		0		0	
1/4	2,435.26	1/4	2,058.66	1/4	1,682.06	1/4	1,305.46	1/4	929.12	1/4	552.66	1/4	201.95	1/4		1/4		1/4	
1/2	2,427.41	1/2	2,050.81	1/2	1,674.22	1/2	1,297.62	1/2	921.29	1/2	544.82	1/2	195.35	1/2		1/2		1/2	
3/4	2,419.57	3/4	2,042.97	3/4	1,666.37	3/4	1,289.77	3/4	913.46	3/4	536.99	3/4	188.74	3/4		3/4		3/4	
1	2,411.72	1	2,035.12	1	1,658.52	1	1,281.93	1	905.62	1	529.15	1	182.14	1		1		1	
1/4	2,403.87	1/4	2,027.28	1/4	1,650.68	1/4	1,274.08	1/4	897.79	1/4	521.32	1/4	175.53	1/4		1/4		1/4	
1/2	2,396.03	1/2	2,019.43	1/2	1,642.83	1/2	1,266.23	1/2	889.95	1/2	513.53	1/2	169.04	1/2		1/2		1/2	
3/4	2,388.18	3/4	2,011.58	3/4	1,634.99	3/4	1,258.39	3/4	882.12	3/4	505.74	3/4	162.54	3/4		3/4		3/4	
2	2,380.34	2	2,003.74	2	1,627.14	2	1,250.54	2	874.29	2	497.95	2	156.05	2		2		2	
1/4	2,372.49	1/4	1,995.89	1/4	1,619.29	1/4	1,242.70	1/4	866.45	1/4	490.16	1/4	149.55	1/4		1/4		1/4	
1/2	2,364.65	1/2	1,988.05	1/2	1,611.45	1/2	1,234.85	1/2	858.61	1/2	482.47	1/2	143.17	1/2		1/2		1/2	
3/4	2,356.80	3/4	1,980.20	3/4	1,603.60	3/4	1,227.00	3/4	850.78	3/4	474.77	3/4	136.80	3/4		3/4		3/4	
3	2,348.95	3	1,972.36	3	1,595.76	3	1,219.16	3	842.94	3	467.08	3	130.42	3		3		3	
1/4	2,341.11	1/4	1,964.51	1/4	1,587.91	1/4	1,211.31	1/4	835.10	1/4	459.38	1/4	124.04	1/4		1/4		1/4	
1/2	2,333.26	1/2	1,956.66	1/2	1,580.07	1/2	1,203.47	1/2	827.25	1/2	451.79	1/2	117.78	1/2		1/2		1/2	
3/4	2,325.42	3/4	1,948.82	3/4	1,572.22	3/4	1,195.62	3/4	819.41	3/4	444.21	3/4	111.52	3/4		3/4		3/4	
4	2,317.57	4	1,940.97	4	1,564.37	4	1,187.78	4	811.56	4	436.62	4	105.26	4		4		4	
1/4	2,309.73	1/4	1,933.13	1/4	1,556.53	1/4	1,179.93	1/4	803.72	1/4	429.03	1/4	99.01	1/4		1/4		1/4	
1/2	2,301.88	1/2	1,925.28	1/2	1,548.68	1/2	1,172.08	1/2	795.87	1/2	421.56	1/2	92.88	1/2		1/2		1/2	
3/4	2,294.03	3/4	1,917.44	3/4	1,540.84	3/4	1,164.24	3/4	788.02	3/4	414.08	3/4	86.75	3/4		3/4		3/4	
5	2,286.19	5	1,909.59	5	1,532.99	5	1,156.39	5	780.18	5	406.60	5	80.62	5		5		5	
1/4	2,278.34	1/4	1,901.74	1/4	1,525.15	1/4	1,148.55	1/4	772.33	1/4	399.12	1/4	74.49	1/4		1/4		1/4	
1/2	2,270.50	1/2	1,893.90	1/2	1,517.30	1/2	1,140.70	1/2	764.49	1/2	391.75	1/2	68.50	1/2		1/2		1/2	
3/4	2,262.65	3/4	1,886.05	3/4	1,509.45	3/4	1,132.86	3/4	756.64	3/4	384.39	3/4	62.51	3/4		3/4		3/4	
6	2,254.80	6	1,878.21	6	1,501.61	6	1,125.01	6	748.80	6	377.02	6	56.52	6		6		6	
1/4	2,246.96	1/4	1,870.36	1/4	1,493.76	1/4	1,117.16	1/4	740.95	1/4	369.65	1/4	50.53	1/4		1/4		1/4	
1/2	2,239.11	1/2	1,862.51	1/2	1,485.92	1/2	1,109.32	1/2	733.11	1/2	362.39	1/2	45.13	1/2		1/2		1/2	
3/4	2,231.27	3/4	1,854.67	3/4	1,478.07	3/4	1,101.48	3/4	725.26	3/4	355.13	3/4	39.74	3/4		3/4		3/4	
7	2,223.42	7	1,846.82	7	1,470.22	7	1,093.64	7	717.41	7	347.87	7	34.34	7		7		7	
1/4	2,215.58	1/4	1,838.98	1/4	1,462.38	1/4	1,085.80	1/4	709.57	1/4	340.61	1/4	28.94	1/4		1/4		1/4	
1/2	2,207.73	1/2	1,831.13	1/2	1,454.53	1/2	1,077.97	1/2	701.72	1/2	333.46	1/2	24.99	1/2		1/2		1/2	
3/4	2,199.88	3/4	1,823.29	3/4	1,446.69	3/4	1,070.13	3/4	693.88	3/4	326.31	3/4	21.04	3/4		3/4		3/4	
8	2,192.04	8	1,815.44	8	1,438.84	8	1,062.30	8	686.03	8	319.16	8	17.09	8		8		8	
1/4	2,184.19	1/4	1,807.59	1/4	1,431.00	1/4	1,054.46	1/4	678.19	1/4	312.01	1/4	13.14	1/4		1/4		1/4	
1/2	2,176.35	1/2	1,799.75	1/2	1,423.15	1/2	1,046.63	1/2	670.34	1/2	304.96	1/2		1/2		1/2		1/2	
3/4	2,168.50	3/4	1,791.90	3/4	1,415.30	3/4	1,038.80	3/4	662.50	3/4	297.92	3/4		3/4		3/4		3/4	
9	2,160.65	9	1,784.06	9	1,407.46	9	1,030.96	9	654.65	9	290.88	9		9		9		9	
1/4	2,152.81	1/4	1,776.21	1/4	1,399.61	1/4	1,023.13	1/4	646.80	1/4	283.84	1/4		1/4		1/4		1/4	
1/2	2,144.96	1/2	1,768.36	1/2	1,391.77	1/2	1,015.29	1/2	638.96	1/2	276.91	1/2		1/2		1/2		1/2	
3/4	2,137.12	3/4	1,760.52	3/4	1,383.92	3/4	1,007.46	3/4	631.11	3/4	269.97	3/4		3/4		3/4		3/4	
10	2,129.27	10	1,752.67	10	1,376.07	10	999.63	10	623.27	10	263.04	10		10		10		10	
1/4	2,121.43	1/4	1,744.83	1/4	1,368.23	1/4	991.79	1/4	615.42	1/4	256.11	1/4		1/4		1/4		1/4	
1/2	2,113.58	1/2	1,736.98	1/2	1,360.38	1/2	983.96	1/2	607.58	1/2	249.28	1/2		1/2		1/2		1/2	
3/4	2,105.73	3/4	1,729.14	3/4	1,352.54	3/4	976.13	3/4	599.73	3/4	242.46	3/4		3/4		3/4		3/4	
11	2,097.89	11	1,721.29	11	1,344.69	11	968.29	11	591.88	11	235.64	11		11		11		11	
1/4	2,090.04	1/4	1,713.44	1/4	1,336.85	1/4	960.46	1/4	584.04	1/4	228.81	1/4		1/4		1/4		1/4	
1/2	2,082.20	1/2	1,705.60	1/2	1,329.00	1/2	952.62	1/2	576.19	1/2	222.10	1/2		1/2		1/2		1/2	
3/4	2,074.35	3/4	1,697.75	3/4	1,321.15	3/4	944.79	3/4	568.35	3/4	215.38	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/11/2014 CL  
CALCULATED: 12/11/2014 CL  
PRINTED: 12/11/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2014

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



# BARGE "KIRBY 29126"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	4,446.58	0	4,124.88	0	3,788.10	0	3,436.58	0	3,080.23	0	2,722.41
1/4		1/4		1/4		1/4		1/4	4,440.02	1/4	4,118.01	1/4	3,780.91	1/4	3,429.16	1/4	3,072.78	1/4	2,714.96
1/2		1/2		1/2		1/2	4,749.38	1/2	4,433.46	1/2	4,111.13	1/2	3,773.72	1/2	3,421.74	1/2	3,065.32	1/2	2,707.50
3/4		3/4		3/4		3/4	4,744.29	3/4	4,426.91	3/4	4,104.26	3/4	3,766.54	3/4	3,414.31	3/4	3,057.87	3/4	2,700.05
1		1		1		1	4,739.20	1	4,420.35	1	4,097.38	1	3,759.35	1	3,406.89	1	3,050.42	1	2,692.59
1/4		1/4		1/4		1/4	4,732.88	1/4	4,413.77	1/4	4,090.48	1/4	3,752.13	1/4	3,399.47	1/4	3,042.96	1/4	2,685.14
1/2		1/2		1/2		1/2	4,726.56	1/2	4,407.19	1/2	4,083.59	1/2	3,744.92	1/2	3,392.05	1/2	3,035.51	1/2	2,677.69
3/4		3/4		3/4		3/4	4,720.24	3/4	4,400.60	3/4	4,076.69	3/4	3,737.70	3/4	3,384.62	3/4	3,028.05	3/4	2,670.23
2		2		2		2	4,713.92	2	4,394.02	2	4,069.79	2	3,730.49	2	3,377.20	2	3,020.60	2	2,662.78
1/4		1/4		1/4		1/4	4,706.71	1/4	4,387.41	1/4	4,062.87	1/4	3,723.25	1/4	3,369.78	1/4	3,013.14	1/4	2,655.32
1/2		1/2		1/2		1/2	4,699.51	1/2	4,380.80	1/2	4,055.95	1/2	3,716.01	1/2	3,362.36	1/2	3,005.69	1/2	2,647.87
3/4		3/4		3/4		3/4	4,692.31	3/4	4,374.19	3/4	4,049.02	3/4	3,708.77	3/4	3,354.93	3/4	2,998.23	3/4	2,640.41
3		3		3		3	4,685.10	3	4,367.58	3	4,042.10	3	3,701.54	3	3,347.51	3	2,990.78	3	2,632.96
1/4		1/4		1/4		1/4	4,677.68	1/4	4,360.95	1/4	4,035.15	1/4	3,694.27	1/4	3,340.09	1/4	2,983.32	1/4	2,625.50
1/2		1/2		1/2		1/2	4,670.26	1/2	4,354.31	1/2	4,028.20	1/2	3,687.01	1/2	3,332.67	1/2	2,975.87	1/2	2,618.05
3/4		3/4		3/4		3/4	4,662.84	3/4	4,347.68	3/4	4,021.25	3/4	3,679.75	3/4	3,325.24	3/4	2,968.42	3/4	2,610.59
4		4		4		4	4,655.41	4	4,341.04	4	4,014.30	4	3,672.48	4	3,317.82	4	2,960.96	4	2,603.14
1/4		1/4		1/4		1/4	4,648.39	1/4	4,334.38	1/4	4,007.33	1/4	3,665.19	1/4	3,310.40	1/4	2,953.51	1/4	2,595.69
1/2		1/2		1/2		1/2	4,641.36	1/2	4,327.72	1/2	4,000.35	1/2	3,657.90	1/2	3,302.97	1/2	2,946.05	1/2	2,588.23
3/4		3/4		3/4		3/4	4,634.33	3/4	4,321.05	3/4	3,993.37	3/4	3,650.61	3/4	3,295.55	3/4	2,938.60	3/4	2,580.78
5		5		5		5	4,627.31	5	4,314.39	5	3,986.40	5	3,643.32	5	3,288.13	5	2,931.14	5	2,573.32
1/4		1/4		1/4		1/4	4,620.93	1/4	4,307.70	1/4	3,979.40	1/4	3,636.00	1/4	3,280.71	1/4	2,923.69	1/4	2,565.87
1/2		1/2		1/2		1/2	4,614.56	1/2	4,301.02	1/2	3,972.39	1/2	3,628.69	1/2	3,273.28	1/2	2,916.23	1/2	2,558.41
3/4		3/4		3/4		3/4	4,608.18	3/4	4,294.33	3/4	3,965.39	3/4	3,621.37	3/4	3,265.86	3/4	2,908.78	3/4	2,550.96
6		6		6		6	4,601.81	6	4,287.64	6	3,958.39	6	3,614.06	6	3,258.44	6	2,901.32	6	2,543.50
1/4		1/4		1/4		1/4	4,595.41	1/4	4,280.92	1/4	3,951.36	1/4	3,606.71	1/4	3,251.02	1/4	2,893.87	1/4	2,536.05
1/2		1/2		1/2		1/2	4,589.01	1/2	4,274.21	1/2	3,944.33	1/2	3,599.37	1/2	3,243.59	1/2	2,886.41	1/2	2,528.59
3/4		3/4		3/4		3/4	4,582.61	3/4	4,267.49	3/4	3,937.30	3/4	3,592.03	3/4	3,236.17	3/4	2,878.96	3/4	2,521.14
7		7		7		7	4,576.20	7	4,260.78	7	3,930.27	7	3,584.68	7	3,228.75	7	2,871.51	7	2,513.68
1/4		1/4		1/4		1/4	4,569.78	1/4	4,254.04	1/4	3,923.22	1/4	3,577.31	1/4	3,221.33	1/4	2,864.05	1/4	2,506.23
1/2		1/2		1/2		1/2	4,563.35	1/2	4,247.30	1/2	3,916.16	1/2	3,569.95	1/2	3,213.90	1/2	2,856.60	1/2	2,498.78
3/4		3/4		3/4		3/4	4,556.92	3/4	4,240.55	3/4	3,909.11	3/4	3,562.58	3/4	3,206.48	3/4	2,849.14	3/4	2,491.32
8		8		8		8	4,550.49	8	4,233.81	8	3,902.05	8	3,555.21	8	3,199.06	8	2,841.69	8	2,483.87
1/4		1/4		1/4		1/4	4,544.04	1/4	4,227.04	1/4	3,894.97	1/4	3,547.81	1/4	3,191.64	1/4	2,834.23	1/4	2,476.41
1/2		1/2		1/2		1/2	4,537.58	1/2	4,220.28	1/2	3,887.89	1/2	3,540.42	1/2	3,184.21	1/2	2,826.78	1/2	2,468.96
3/4		3/4		3/4		3/4	4,531.13	3/4	4,213.51	3/4	3,880.81	3/4	3,533.02	3/4	3,176.79	3/4	2,819.32	3/4	2,461.50
9		9		9		9	4,524.67	9	4,206.74	9	3,873.72	9	3,525.62	9	3,169.37	9	2,811.87	9	2,454.05
1/4		1/4		1/4		1/4	4,518.19	1/4	4,199.94	1/4	3,866.62	1/4	3,518.21	1/4	3,161.95	1/4	2,804.41	1/4	2,446.59
1/2		1/2		1/2		1/2	4,511.71	1/2	4,193.15	1/2	3,859.51	1/2	3,510.79	1/2	3,154.52	1/2	2,796.96	1/2	2,439.14
3/4		3/4		3/4		3/4	4,505.23	3/4	4,186.36	3/4	3,852.40	3/4	3,503.38	3/4	3,147.10	3/4	2,789.50	3/4	2,431.68
10		10		10		10	4,498.75	10	4,179.56	10	3,845.29	10	3,495.96	10	3,139.68	10	2,782.05	10	2,424.23
1/4		1/4		1/4		1/4	4,492.24	1/4	4,172.74	1/4	3,838.15	1/4	3,488.54	1/4	3,132.26	1/4	2,774.60	1/4	2,416.77
1/2		1/2		1/2		1/2	4,485.73	1/2	4,165.92	1/2	3,831.02	1/2	3,481.12	1/2	3,124.83	1/2	2,767.14	1/2	2,409.32
3/4		3/4		3/4		3/4	4,479.23	3/4	4,159.10	3/4	3,823.88	3/4	3,473.69	3/4	3,117.41	3/4	2,759.69	3/4	2,401.87
11		11		11		11	4,472.72	11	4,152.27	11	3,816.75	11	3,466.27	11	3,109.99	11	2,752.23	11	2,394.41
1/4		1/4		1/4		1/4	4,466.18	1/4	4,145.43	1/4	3,809.59	1/4	3,458.85	1/4	3,102.55	1/4	2,744.78	1/4	2,386.96
1/2		1/2		1/2		1/2	4,459.65	1/2	4,138.58	1/2	3,802.42	1/2	3,451.43	1/2	3,095.11	1/2	2,737.32	1/2	2,379.50
3/4		3/4		3/4		3/4	4,453.11	3/4	4,131.73	3/4	3,795.26	3/4	3,444.00	3/4	3,087.67	3/4	2,729.87	3/4	2,372.05

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 52'-00" FORWARD OF AFT BULKHEAD

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





# BARGE "KIRBY 29126"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	2,364.59	0	2,006.77	0	1,648.95	0	1,299.45	0	955.76	0	599.90	0	242.09	0		0		0	
1/4	2,357.14	1/4	1,999.32	1/4	1,641.50	1/4	1,292.27	1/4	948.61	1/4	592.45	1/4	234.64	1/4		1/4		1/4	
1/2	2,349.68	1/2	1,991.86	1/2	1,634.04	1/2	1,285.10	1/2	941.45	1/2	585.00	1/2	227.19	1/2		1/2		1/2	
3/4	2,342.23	3/4	1,984.41	3/4	1,626.59	3/4	1,277.93	3/4	934.30	3/4	577.54	3/4	219.73	3/4		3/4		3/4	
1	2,334.77	1	1,976.95	1	1,619.13	1	1,270.75	1	927.15	1	570.09	1	212.28	1		1		1	
1/4	2,327.32	1/4	1,969.50	1/4	1,611.68	1/4	1,263.58	1/4	919.88	1/4	562.63	1/4	204.82	1/4		1/4		1/4	
1/2	2,319.86	1/2	1,962.04	1/2	1,604.22	1/2	1,256.41	1/2	912.61	1/2	555.18	1/2	197.37	1/2		1/2		1/2	
3/4	2,312.41	3/4	1,954.59	3/4	1,596.77	3/4	1,249.24	3/4	905.35	3/4	547.72	3/4	189.92	3/4		3/4		3/4	
2	2,304.96	2	1,947.13	2	1,589.31	2	1,242.06	2	898.08	2	540.27	2	182.47	2		2		2	
1/4	2,297.50	1/4	1,939.68	1/4	1,581.86	1/4	1,234.89	1/4	890.63	1/4	532.82	1/4	175.02	1/4		1/4		1/4	
1/2	2,290.05	1/2	1,932.23	1/2	1,574.40	1/2	1,227.72	1/2	883.17	1/2	525.36	1/2	167.58	1/2		1/2		1/2	
3/4	2,282.59	3/4	1,924.77	3/4	1,566.95	3/4	1,220.55	3/4	875.72	3/4	517.91	3/4	160.13	3/4		3/4		3/4	
3	2,275.14	3	1,917.32	3	1,559.50	3	1,213.37	3	868.26	3	510.45	3	152.68	3		3		3	
1/4	2,267.68	1/4	1,909.86	1/4	1,552.04	1/4	1,206.20	1/4	860.81	1/4	503.00	1/4	145.25	1/4		1/4		1/4	
1/2	2,260.23	1/2	1,902.41	1/2	1,544.59	1/2	1,199.04	1/2	853.35	1/2	495.54	1/2	137.81	1/2		1/2		1/2	
3/4	2,252.77	3/4	1,894.95	3/4	1,537.13	3/4	1,191.87	3/4	845.90	3/4	488.09	3/4	130.38	3/4		3/4		3/4	
4	2,245.32	4	1,887.50	4	1,529.68	4	1,184.70	4	838.45	4	480.63	4	122.94	4		4		4	
1/4	2,237.86	1/4	1,880.04	1/4	1,522.33	1/4	1,177.54	1/4	830.99	1/4	473.18	1/4	115.53	1/4		1/4		1/4	
1/2	2,230.41	1/2	1,872.59	1/2	1,514.98	1/2	1,170.38	1/2	823.54	1/2	465.73	1/2	108.11	1/2		1/2		1/2	
3/4	2,222.96	3/4	1,865.13	3/4	1,507.63	3/4	1,163.22	3/4	816.08	3/4	458.27	3/4	100.69	3/4		3/4		3/4	
5	2,215.50	5	1,857.68	5	1,500.28	5	1,156.06	5	808.63	5	450.82	5	93.28	5		5		5	
1/4	2,208.05	1/4	1,850.23	1/4	1,493.11	1/4	1,148.90	1/4	801.17	1/4	443.36	1/4	85.89	1/4		1/4		1/4	
1/2	2,200.59	1/2	1,842.77	1/2	1,485.94	1/2	1,141.75	1/2	793.72	1/2	435.91	1/2	78.51	1/2		1/2		1/2	
3/4	2,193.14	3/4	1,835.32	3/4	1,478.76	3/4	1,134.59	3/4	786.26	3/4	428.45	3/4	71.12	3/4		3/4		3/4	
6	2,185.68	6	1,827.86	6	1,471.59	6	1,127.43	6	778.81	6	421.00	6	63.73	6		6		6	
1/4	2,178.23	1/4	1,820.41	1/4	1,464.42	1/4	1,120.28	1/4	771.36	1/4	413.54	1/4	56.81	1/4		1/4		1/4	
1/2	2,170.77	1/2	1,812.95	1/2	1,457.24	1/2	1,113.12	1/2	763.90	1/2	406.09	1/2	49.88	1/2		1/2		1/2	
3/4	2,163.32	3/4	1,805.50	3/4	1,450.07	3/4	1,105.97	3/4	756.45	3/4	398.64	3/4	42.95	3/4		3/4		3/4	
7	2,155.86	7	1,798.04	7	1,442.90	7	1,098.82	7	748.99	7	391.18	7	36.02	7		7		7	
1/4	2,148.41	1/4	1,790.59	1/4	1,435.73	1/4	1,091.67	1/4	741.54	1/4	383.73	1/4	30.74	1/4		1/4		1/4	
1/2	2,140.95	1/2	1,783.13	1/2	1,428.55	1/2	1,084.51	1/2	734.08	1/2	376.27	1/2	25.47	1/2		1/2		1/2	
3/4	2,133.50	3/4	1,775.68	3/4	1,421.38	3/4	1,077.36	3/4	726.63	3/4	368.82	3/4	20.19	3/4		3/4		3/4	
8	2,126.05	8	1,768.22	8	1,414.21	8	1,070.21	8	719.18	8	361.36	8	14.91	8		8		8	
1/4	2,118.59	1/4	1,760.77	1/4	1,407.04	1/4	1,063.05	1/4	711.72	1/4	353.91	1/4		1/4		1/4		1/4	
1/2	2,111.14	1/2	1,753.32	1/2	1,399.86	1/2	1,055.90	1/2	704.27	1/2	346.46	1/2		1/2		1/2		1/2	
3/4	2,103.68	3/4	1,745.86	3/4	1,392.69	3/4	1,048.75	3/4	696.81	3/4	339.00	3/4		3/4		3/4		3/4	
9	2,096.23	9	1,738.41	9	1,385.52	9	1,041.60	9	689.36	9	331.55	9		9		9		9	
1/4	2,088.77	1/4	1,730.95	1/4	1,378.34	1/4	1,034.44	1/4	681.90	1/4	324.09	1/4		1/4		1/4		1/4	
1/2	2,081.32	1/2	1,723.50	1/2	1,371.17	1/2	1,027.29	1/2	674.45	1/2	316.64	1/2		1/2		1/2		1/2	
3/4	2,073.86	3/4	1,716.04	3/4	1,364.00	3/4	1,020.14	3/4	666.99	3/4	309.18	3/4		3/4		3/4		3/4	
10	2,066.41	10	1,708.59	10	1,356.83	10	1,012.98	10	659.54	10	301.73	10		10		10		10	
1/4	2,058.95	1/4	1,701.13	1/4	1,349.65	1/4	1,005.83	1/4	652.09	1/4	294.27	1/4		1/4		1/4		1/4	
1/2	2,051.50	1/2	1,693.68	1/2	1,342.48	1/2	998.68	1/2	644.63	1/2	286.82	1/2		1/2		1/2		1/2	
3/4	2,044.04	3/4	1,686.22	3/4	1,335.31	3/4	991.53	3/4	637.18	3/4	279.37	3/4		3/4		3/4		3/4	
11	2,036.59	11	1,678.77	11	1,328.14	11	984.37	11	629.72	11	271.91	11		11		11		11	
1/4	2,029.14	1/4	1,671.31	1/4	1,320.96	1/4	977.22	1/4	622.27	1/4	264.46	1/4		1/4		1/4		1/4	
1/2	2,021.68	1/2	1,663.86	1/2	1,313.79	1/2	970.07	1/2	614.81	1/2	257.00	1/2		1/2		1/2		1/2	
3/4	2,014.23	3/4	1,656.41	3/4	1,306.62	3/4	962.91	3/4	607.36	3/4	249.55	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/11/2014 CL  
CALCULATED: 12/11/2014 CL  
PRINTED: 12/11/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2014

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



# BARGE "KIRBY 29126"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	4,472.77	0	4,150.92	0	3,813.97	0	3,462.29	0	3,105.79	0	2,747.79
1/4		1/4		1/4		1/4		1/4	4,466.21	1/4	4,144.04	1/4	3,806.78	1/4	3,454.86	1/4	3,098.33	1/4	2,740.33
1/2		1/2		1/2		1/2		1/2	4,775.72	1/2	4,459.65	1/2	4,137.16	1/2	3,799.59	1/2	3,447.43	1/2	3,090.87
3/4		3/4		3/4		3/4		3/4	4,770.63	3/4	4,453.09	3/4	4,130.28	3/4	3,792.40	3/4	3,440.01	3/4	3,083.41
1		1		1		1		1	4,765.53	1	4,446.53	1	4,123.40	1	3,785.21	1	3,432.58	1	3,075.95
1/4		1/4		1/4		1/4		1/4	4,759.21	1/4	4,439.94	1/4	4,116.50	1/4	3,777.99	1/4	3,425.16	1/4	3,068.50
1/2		1/2		1/2		1/2		1/2	4,752.88	1/2	4,433.36	1/2	4,109.60	1/2	3,770.77	1/2	3,417.73	1/2	3,061.04
3/4		3/4		3/4		3/4		3/4	4,746.56	3/4	4,426.77	3/4	4,102.70	3/4	3,763.55	3/4	3,410.30	3/4	3,053.58
2		2		2		2		2	4,740.24	2	4,420.19	2	4,095.80	2	3,756.33	2	3,402.88	2	3,046.12
1/4		1/4		1/4		1/4		1/4	4,733.03	1/4	4,413.57	1/4	4,088.88	1/4	3,749.09	1/4	3,395.45	1/4	3,038.66
1/2		1/2		1/2		1/2		1/2	4,725.82	1/2	4,406.96	1/2	4,081.95	1/2	3,741.85	1/2	3,388.02	1/2	3,031.20
3/4		3/4		3/4		3/4		3/4	4,718.62	3/4	4,400.35	3/4	4,075.02	3/4	3,734.61	3/4	3,380.60	3/4	3,023.75
3		3		3		3		3	4,711.41	3	4,393.74	3	4,068.10	3	3,727.37	3	3,373.17	3	3,016.29
1/4		1/4		1/4		1/4		1/4	4,703.99	1/4	4,387.10	1/4	4,061.14	1/4	3,720.10	1/4	3,365.75	1/4	3,008.83
1/2		1/2		1/2		1/2		1/2	4,696.56	1/2	4,380.46	1/2	4,054.19	1/2	3,712.83	1/2	3,358.32	1/2	3,001.37
3/4		3/4		3/4		3/4		3/4	4,689.13	3/4	4,373.82	3/4	4,047.24	3/4	3,705.57	3/4	3,350.89	3/4	2,993.91
4		4		4		4		4	4,681.71	4	4,367.18	4	4,040.28	4	3,698.30	4	3,343.47	4	2,986.45
1/4		1/4		1/4		1/4		1/4	4,674.68	1/4	4,360.52	1/4	4,033.30	1/4	3,691.01	1/4	3,336.04	1/4	2,979.00
1/2		1/2		1/2		1/2		1/2	4,667.65	1/2	4,353.85	1/2	4,026.33	1/2	3,683.71	1/2	3,328.61	1/2	2,971.54
3/4		3/4		3/4		3/4		3/4	4,660.62	3/4	4,347.19	3/4	4,019.35	3/4	3,676.42	3/4	3,321.19	3/4	2,964.08
5		5		5		5		5	4,653.59	5	4,340.52	5	4,012.37	5	3,669.12	5	3,313.76	5	2,956.62
1/4		1/4		1/4		1/4		1/4	4,647.21	1/4	4,333.83	1/4	4,005.36	1/4	3,661.80	1/4	3,306.34	1/4	2,949.16
1/2		1/2		1/2		1/2		1/2	4,640.83	1/2	4,327.14	1/2	3,998.36	1/2	3,654.48	1/2	3,298.91	1/2	2,941.71
3/4		3/4		3/4		3/4		3/4	4,634.45	3/4	4,320.45	3/4	3,991.35	3/4	3,647.16	3/4	3,291.48	3/4	2,934.25
6		6		6		6		6	4,628.07	6	4,313.75	6	3,984.34	6	3,639.85	6	3,284.06	6	2,926.79
1/4		1/4		1/4		1/4		1/4	4,621.67	1/4	4,307.04	1/4	3,977.31	1/4	3,632.50	1/4	3,276.63	1/4	2,919.33
1/2		1/2		1/2		1/2		1/2	4,615.27	1/2	4,300.32	1/2	3,970.28	1/2	3,625.15	1/2	3,269.20	1/2	2,911.87
3/4		3/4		3/4		3/4		3/4	4,608.86	3/4	4,293.60	3/4	3,963.25	3/4	3,617.80	3/4	3,261.78	3/4	2,904.41
7		7		7		7		7	4,602.46	7	4,286.88	7	3,956.22	7	3,610.46	7	3,254.35	7	2,896.96
1/4		1/4		1/4		1/4		1/4	4,596.03	1/4	4,280.14	1/4	3,949.16	1/4	3,603.09	1/4	3,246.93	1/4	2,889.50
1/2		1/2		1/2		1/2		1/2	4,589.60	1/2	4,273.39	1/2	3,942.10	1/2	3,595.71	1/2	3,239.50	1/2	2,882.04
3/4		3/4		3/4		3/4		3/4	4,583.16	3/4	4,266.65	3/4	3,935.04	3/4	3,588.34	3/4	3,232.07	3/4	2,874.58
8		8		8		8		8	4,576.73	8	4,259.90	8	3,927.98	8	3,580.97	8	3,224.65	8	2,867.12
1/4		1/4		1/4		1/4		1/4	4,570.28	1/4	4,253.13	1/4	3,920.89	1/4	3,573.57	1/4	3,217.22	1/4	2,859.66
1/2		1/2		1/2		1/2		1/2	4,563.82	1/2	4,246.36	1/2	3,913.81	1/2	3,566.17	1/2	3,209.80	1/2	2,852.21
3/4		3/4		3/4		3/4		3/4	4,557.36	3/4	4,239.59	3/4	3,906.72	3/4	3,558.77	3/4	3,202.37	3/4	2,844.75
9		9		9		9		9	4,550.90	9	4,232.81	9	3,899.64	9	3,551.37	9	3,194.94	9	2,837.29
1/4		1/4		1/4		1/4		1/4	4,544.42	1/4	4,226.02	1/4	3,892.53	1/4	3,543.95	1/4	3,187.52	1/4	2,829.83
1/2		1/2		1/2		1/2		1/2	4,537.93	1/2	4,219.22	1/2	3,885.41	1/2	3,536.53	1/2	3,180.09	1/2	2,822.37
3/4		3/4		3/4		3/4		3/4	4,531.45	3/4	4,212.42	3/4	3,878.30	3/4	3,529.11	3/4	3,172.66	3/4	2,814.91
10		10		10		10		10	4,524.96	10	4,205.62	10	3,871.19	10	3,521.70	10	3,165.24	10	2,807.46
1/4		1/4		1/4		1/4		1/4	4,518.45	1/4	4,198.80	1/4	3,864.05	1/4	3,514.27	1/4	3,157.81	1/4	2,800.00
1/2		1/2		1/2		1/2		1/2	4,511.94	1/2	4,191.97	1/2	3,856.91	1/2	3,506.84	1/2	3,150.39	1/2	2,792.54
3/4		3/4		3/4		3/4		3/4	4,505.43	3/4	4,185.15	3/4	3,849.77	3/4	3,499.42	3/4	3,142.96	3/4	2,785.08
11		11		11		11		11	4,498.92	11	4,178.32	11	3,842.64	11	3,491.99	11	3,135.53	11	2,777.62
1/4		1/4		1/4		1/4		1/4	4,492.38	1/4	4,171.47	1/4	3,835.47	1/4	3,484.56	1/4	3,128.10	1/4	2,770.16
1/2		1/2		1/2		1/2		1/2	4,485.85	1/2	4,164.62	1/2	3,828.31	1/2	3,477.14	1/2	3,120.66	1/2	2,762.71
3/4		3/4		3/4		3/4		3/4	4,479.31	3/4	4,157.77	3/4	3,821.14	3/4	3,469.71	3/4	3,113.22	3/4	2,755.25

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 52'-00" FORWARD OF AFT BULKHEAD

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





# BARGE "KIRBY 29126"

**2 STBD**  
**ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	2,389.79	0	2,031.79	0	1,673.79	0	1,315.80	0	958.06	0	600.19	0	242.21	0		0		0	
1/4	2,382.33	1/4	2,024.33	1/4	1,666.34	1/4	1,308.34	1/4	950.61	1/4	592.74	1/4	234.75	1/4		1/4		1/4	
1/2	2,374.87	1/2	2,016.88	1/2	1,658.88	1/2	1,300.88	1/2	943.17	1/2	585.28	1/2	227.29	1/2		1/2		1/2	
3/4	2,367.42	3/4	2,009.42	3/4	1,651.42	3/4	1,293.42	3/4	935.72	3/4	577.82	3/4	219.84	3/4		3/4		3/4	
1	2,359.96	1	2,001.96	1	1,643.96	1	1,285.96	1	928.27	1	570.36	1	212.38	1		1		1	
1/4	2,352.50	1/4	1,994.50	1/4	1,636.50	1/4	1,278.50	1/4	920.83	1/4	562.90	1/4	204.92	1/4		1/4		1/4	
1/2	2,345.04	1/2	1,987.04	1/2	1,629.04	1/2	1,271.05	1/2	913.38	1/2	555.45	1/2	197.47	1/2		1/2		1/2	
3/4	2,337.58	3/4	1,979.58	3/4	1,621.59	3/4	1,263.59	3/4	905.94	3/4	547.99	3/4	190.01	3/4		3/4		3/4	
2	2,330.12	2	1,972.13	2	1,614.13	2	1,256.13	2	898.49	2	540.53	2	182.56	2		2		2	
1/4	2,322.67	1/4	1,964.67	1/4	1,606.67	1/4	1,248.67	1/4	891.04	1/4	533.07	1/4	175.11	1/4		1/4		1/4	
1/2	2,315.21	1/2	1,957.21	1/2	1,599.21	1/2	1,241.21	1/2	883.59	1/2	525.61	1/2	167.66	1/2		1/2		1/2	
3/4	2,307.75	3/4	1,949.75	3/4	1,591.75	3/4	1,233.75	3/4	876.13	3/4	518.16	3/4	160.21	3/4		3/4		3/4	
3	2,300.29	3	1,942.29	3	1,584.29	3	1,226.30	3	868.68	3	510.70	3	152.76	3		3		3	
1/4	2,292.83	1/4	1,934.83	1/4	1,576.84	1/4	1,218.84	1/4	861.22	1/4	503.24	1/4	145.32	1/4		1/4		1/4	
1/2	2,285.37	1/2	1,927.38	1/2	1,569.38	1/2	1,211.38	1/2	853.77	1/2	495.78	1/2	137.88	1/2		1/2		1/2	
3/4	2,277.92	3/4	1,919.92	3/4	1,561.92	3/4	1,203.92	3/4	846.31	3/4	488.32	3/4	130.44	3/4		3/4		3/4	
4	2,270.46	4	1,912.46	4	1,554.46	4	1,196.46	4	838.85	4	480.87	4	123.00	4		4		4	
1/4	2,263.00	1/4	1,905.00	1/4	1,547.00	1/4	1,189.00	1/4	831.39	1/4	473.41	1/4	115.58	1/4		1/4		1/4	
1/2	2,255.54	1/2	1,897.54	1/2	1,539.54	1/2	1,181.55	1/2	823.93	1/2	465.95	1/2	108.16	1/2		1/2		1/2	
3/4	2,248.08	3/4	1,890.08	3/4	1,532.09	3/4	1,174.09	3/4	816.48	3/4	458.49	3/4	100.74	3/4		3/4		3/4	
5	2,240.62	5	1,882.63	5	1,524.63	5	1,166.63	5	809.02	5	451.03	5	93.32	5		5		5	
1/4	2,233.17	1/4	1,875.17	1/4	1,517.17	1/4	1,159.17	1/4	801.56	1/4	443.58	1/4	85.93	1/4		1/4		1/4	
1/2	2,225.71	1/2	1,867.71	1/2	1,509.71	1/2	1,151.71	1/2	794.10	1/2	436.12	1/2	78.54	1/2		1/2		1/2	
3/4	2,218.25	3/4	1,860.25	3/4	1,502.25	3/4	1,144.25	3/4	786.64	3/4	428.66	3/4	71.15	3/4		3/4		3/4	
6	2,210.79	6	1,852.79	6	1,494.79	6	1,136.80	6	779.19	6	421.20	6	63.76	6		6		6	
1/4	2,203.33	1/4	1,845.33	1/4	1,487.34	1/4	1,129.34	1/4	771.73	1/4	413.74	1/4	56.83	1/4		1/4		1/4	
1/2	2,195.88	1/2	1,837.88	1/2	1,479.88	1/2	1,121.89	1/2	764.27	1/2	406.29	1/2	49.90	1/2		1/2		1/2	
3/4	2,188.42	3/4	1,830.42	3/4	1,472.42	3/4	1,114.44	3/4	756.81	3/4	398.83	3/4	42.97	3/4		3/4		3/4	
7	2,180.96	7	1,822.96	7	1,464.96	7	1,106.98	7	749.35	7	391.37	7	36.04	7		7		7	
1/4	2,173.50	1/4	1,815.50	1/4	1,457.50	1/4	1,099.54	1/4	741.90	1/4	383.91	1/4	30.76	1/4		1/4		1/4	
1/2	2,166.04	1/2	1,808.04	1/2	1,450.05	1/2	1,092.09	1/2	734.44	1/2	376.45	1/2	25.48	1/2		1/2		1/2	
3/4	2,158.58	3/4	1,800.59	3/4	1,442.59	3/4	1,084.64	3/4	726.98	3/4	369.00	3/4	20.20	3/4		3/4		3/4	
8	2,151.13	8	1,793.13	8	1,435.13	8	1,077.20	8	719.52	8	361.54	8	14.92	8		8		8	
1/4	2,143.67	1/4	1,785.67	1/4	1,427.67	1/4	1,069.75	1/4	712.06	1/4	354.08	1/4		1/4		1/4		1/4	
1/2	2,136.21	1/2	1,778.21	1/2	1,420.21	1/2	1,062.31	1/2	704.61	1/2	346.62	1/2		1/2		1/2		1/2	
3/4	2,128.75	3/4	1,770.75	3/4	1,412.75	3/4	1,054.86	3/4	697.15	3/4	339.16	3/4		3/4		3/4		3/4	
9	2,121.29	9	1,763.29	9	1,405.30	9	1,047.41	9	689.69	9	331.71	9		9		9		9	
1/4	2,113.83	1/4	1,755.84	1/4	1,397.84	1/4	1,039.97	1/4	682.23	1/4	324.25	1/4		1/4		1/4		1/4	
1/2	2,106.38	1/2	1,748.38	1/2	1,390.38	1/2	1,032.52	1/2	674.77	1/2	316.79	1/2		1/2		1/2		1/2	
3/4	2,098.92	3/4	1,740.92	3/4	1,382.92	3/4	1,025.07	3/4	667.32	3/4	309.33	3/4		3/4		3/4		3/4	
10	2,091.46	10	1,733.46	10	1,375.46	10	1,017.63	10	659.86	10	301.87	10		10		10		10	
1/4	2,084.00	1/4	1,726.00	1/4	1,368.00	1/4	1,010.18	1/4	652.40	1/4	294.42	1/4		1/4		1/4		1/4	
1/2	2,076.54	1/2	1,718.54	1/2	1,360.55	1/2	1,002.74	1/2	644.94	1/2	286.96	1/2		1/2		1/2		1/2	
3/4	2,069.08	3/4	1,711.09	3/4	1,353.09	3/4	995.29	3/4	637.48	3/4	279.50	3/4		3/4		3/4		3/4	
11	2,061.63	11	1,703.63	11	1,345.63	11	987.84	11	630.03	11	272.04	11		11		11		11	
1/4	2,054.17	1/4	1,696.17	1/4	1,338.17	1/4	980.40	1/4	622.57	1/4	264.58	1/4		1/4		1/4		1/4	
1/2	2,046.71	1/2	1,688.71	1/2	1,330.71	1/2	972.95	1/2	615.11	1/2	257.13	1/2		1/2		1/2		1/2	
3/4	2,039.25	3/4	1,681.25	3/4	1,323.25	3/4	965.51	3/4	607.65	3/4	249.67	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/11/2014 CL  
CALCULATED: 12/11/2014 CL  
PRINTED: 12/11/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2014

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



# BARGE "KIRBY 29126"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,345.35	0	4,105.77	0	3,860.57	0	3,603.41	0	3,334.55	0	2,985.25	0	2,630.18
1/4		1/4	1/4	1/4	1/4	1/4	4,340.73	1/4	4,100.78	1/4	3,855.32	1/4	3,597.92	1/4	3,328.87	1/4	2,977.85	1/4	2,622.79
1/2		1/2	1/2	1/2	1/2	1/2	4,336.12	1/2	4,095.79	1/2	3,850.08	1/2	3,592.44	1/2	3,323.19	1/2	2,970.45	1/2	2,615.39
3/4		3/4	3/4	3/4	3/4	3/4	4,331.50	3/4	4,090.80	3/4	3,844.84	3/4	3,586.95	3/4	3,317.50	3/4	2,963.06	3/4	2,607.99
1	1	1	1	1	1	1	4,327.36	1	4,085.79	1	3,839.58	1	3,581.44	1	3,310.10	1	2,955.66	1	2,600.59
1/4		1/4	1/4	1/4	1/4	1/4	4,323.23	1/4	4,080.79	1/4	3,834.32	1/4	3,575.93	1/4	3,302.70	1/4	2,948.26	1/4	2,593.20
1/2		1/2	1/2	1/2	1/2	1/2	4,319.09	1/2	4,075.78	1/2	3,829.06	1/2	3,570.41	1/2	3,295.30	1/2	2,940.87	1/2	2,585.80
3/4		3/4	3/4	3/4	3/4	3/4	4,314.96	3/4	4,070.77	3/4	3,823.80	3/4	3,564.90	3/4	3,287.90	3/4	2,933.47	3/4	2,578.40
2	2	2	2	2	2	2	4,309.62	2	4,065.74	2	3,818.53	2	3,559.37	2	3,280.50	2	2,926.07	2	2,571.01
1/4		1/4	1/4	1/4	1/4	1/4	4,304.29	1/4	4,060.71	1/4	3,813.25	1/4	3,553.85	1/4	3,273.10	1/4	2,918.67	1/4	2,563.61
1/2		1/2	1/2	1/2	1/2	1/2	4,298.95	1/2	4,055.68	1/2	3,807.97	1/2	3,548.32	1/2	3,265.70	1/2	2,911.28	1/2	2,556.21
3/4		3/4	3/4	3/4	3/4	3/4	4,293.62	3/4	4,050.65	3/4	3,802.69	3/4	3,542.79	3/4	3,258.30	3/4	2,903.88	3/4	2,548.81
3	3	3	3	3	3	3	4,287.93	3	4,045.60	3	3,797.39	3	3,537.24	3	3,250.90	3	2,896.48	3	2,541.42
1/4		1/4	1/4	1/4	1/4	1/4	4,282.25	1/4	4,040.55	1/4	3,792.09	1/4	3,531.70	1/4	3,243.50	1/4	2,889.09	1/4	2,534.02
1/2		1/2	1/2	1/2	1/2	1/2	4,276.57	1/2	4,035.50	1/2	3,786.79	1/2	3,526.15	1/2	3,236.10	1/2	2,881.69	1/2	2,526.62
3/4		3/4	3/4	3/4	3/4	3/4	4,270.89	3/4	4,030.45	3/4	3,781.49	3/4	3,520.60	3/4	3,228.70	3/4	2,874.29	3/4	2,519.23
4	4	4	4	4	4	4	4,265.20	4	4,025.38	4	3,776.17	4	3,515.03	4	3,221.30	4	2,866.89	4	2,511.83
1/4		1/4	1/4	1/4	1/4	1/4	4,259.52	1/4	4,020.31	1/4	3,770.85	1/4	3,509.46	1/4	3,213.90	1/4	2,859.50	1/4	2,504.43
1/2		1/2	1/2	1/2	1/2	1/2	4,253.84	1/2	4,015.23	1/2	3,765.53	1/2	3,503.89	1/2	3,206.50	1/2	2,852.10	1/2	2,497.03
3/4		3/4	3/4	3/4	3/4	3/4	4,248.16	3/4	4,010.16	3/4	3,760.21	3/4	3,498.32	3/4	3,199.10	3/4	2,844.70	3/4	2,489.64
5	5	5	5	5	5	5	4,243.31	5	4,005.07	5	3,754.87	5	3,492.73	5	3,191.73	5	2,837.31	5	2,482.24
1/4		1/4	1/4	1/4	1/4	1/4	4,238.47	1/4	3,999.98	1/4	3,749.53	1/4	3,487.14	1/4	3,184.35	1/4	2,829.91	1/4	2,474.84
1/2		1/2	1/2	1/2	1/2	1/2	4,233.62	1/2	3,994.89	1/2	3,744.19	1/2	3,481.55	1/2	3,176.98	1/2	2,822.51	1/2	2,467.45
3/4		3/4	3/4	3/4	3/4	3/4	4,228.78	3/4	3,989.80	3/4	3,738.84	3/4	3,475.97	3/4	3,169.61	3/4	2,815.11	3/4	2,460.05
6	6	6	6	6	6	6	4,223.91	6	3,984.68	6	3,733.48	6	3,470.35	6	3,162.23	6	2,807.72	6	2,452.65
1/4		1/4	1/4	1/4	1/4	1/4	4,219.05	1/4	3,979.57	1/4	3,728.12	1/4	3,464.74	1/4	3,154.86	1/4	2,800.32	1/4	2,445.25
1/2		1/2	1/2	1/2	1/2	1/2	4,214.19	1/2	3,974.45	1/2	3,722.76	1/2	3,459.13	1/2	3,147.49	1/2	2,792.92	1/2	2,437.86
3/4		3/4	3/4	3/4	3/4	3/4	4,209.32	3/4	3,969.34	3/4	3,717.40	3/4	3,453.52	3/4	3,140.11	3/4	2,785.52	3/4	2,430.46
7	7	7	7	7	7	7	4,204.44	7	3,964.20	7	3,712.02	7	3,447.89	7	3,132.74	7	2,778.13	7	2,423.06
1/4		1/4	1/4	1/4	1/4	1/4	4,199.55	1/4	3,959.07	1/4	3,706.63	1/4	3,442.26	1/4	3,125.37	1/4	2,770.73	1/4	2,415.66
1/2		1/2	1/2	1/2	1/2	1/2	4,194.66	1/2	3,953.94	1/2	3,701.25	1/2	3,436.62	1/2	3,117.99	1/2	2,763.33	1/2	2,408.27
3/4		3/4	3/4	3/4	3/4	3/4	4,189.77	3/4	3,948.80	3/4	3,695.87	3/4	3,430.99	3/4	3,110.62	3/4	2,755.94	3/4	2,400.87
8	8	8	8	8	8	8	4,184.87	8	3,943.65	8	3,690.46	8	3,425.34	8	3,103.25	8	2,748.54	8	2,393.47
1/4		1/4	1/4	1/4	1/4	1/4	4,179.96	1/4	3,938.49	1/4	3,685.06	1/4	3,419.69	1/4	3,095.87	1/4	2,741.14	1/4	2,386.08
1/2		1/2	1/2	1/2	1/2	1/2	4,175.06	1/2	3,933.33	1/2	3,679.66	1/2	3,414.03	1/2	3,088.50	1/2	2,733.74	1/2	2,378.68
3/4		3/4	3/4	3/4	3/4	3/4	4,170.15	3/4	3,928.18	3/4	3,674.25	3/4	3,408.38	3/4	3,081.13	3/4	2,726.35	3/4	2,371.28
9	9	9	9	9	9	9	4,165.22	9	3,923.00	9	3,668.83	9	3,402.71	9	3,073.75	9	2,718.95	9	2,363.88
1/4		1/4	1/4	1/4	1/4	1/4	4,160.29	1/4	3,917.83	1/4	3,663.40	1/4	3,397.03	1/4	3,066.38	1/4	2,711.55	1/4	2,356.49
1/2		1/2	1/2	1/2	1/2	1/2	4,155.36	1/2	3,912.65	1/2	3,657.98	1/2	3,391.36	1/2	3,059.01	1/2	2,704.16	1/2	2,349.09
3/4		3/4	3/4	3/4	3/4	3/4	4,150.43	3/4	3,907.48	3/4	3,652.55	3/4	3,385.69	3/4	3,051.63	3/4	2,696.76	3/4	2,341.69
10	10	10	10	10	10	10	4,145.49	10	3,902.28	10	3,647.10	10	3,380.01	10	3,044.26	10	2,689.36	10	2,334.29
1/4		1/4	1/4	1/4	1/4	1/4	4,140.54	1/4	3,897.08	1/4	3,641.66	1/4	3,374.32	1/4	3,036.89	1/4	2,681.96	1/4	2,326.90
1/2		1/2	1/2	1/2	1/2	1/2	4,135.59	1/2	3,891.88	1/2	3,636.21	1/2	3,368.64	1/2	3,029.51	1/2	2,674.57	1/2	2,319.50
3/4		3/4	3/4	3/4	3/4	3/4	4,130.65	3/4	3,886.68	3/4	3,630.77	3/4	3,362.96	3/4	3,022.14	3/4	2,667.17	3/4	2,312.10
11	11	11	11	11	11	11	4,125.67	11	3,881.46	11	3,625.30	11	3,357.28	11	3,014.77	11	2,659.77	11	2,304.70
1/4		1/4	1/4	1/4	1/4	1/4	4,120.70	1/4	3,876.24	1/4	3,619.83	1/4	3,351.60	1/4	3,007.39	1/4	2,652.38	1/4	2,297.30
1/2		1/2	1/2	1/2	1/2	1/2	4,115.73	1/2	3,871.03	1/2	3,614.36	1/2	3,345.91	1/2	3,000.02	1/2	2,644.98	1/2	2,289.91
3/4		3/4	3/4	3/4	3/4	3/4	4,349.97	3/4	4,110.76	3/4	3,865.81	3/4	3,608.89	3/4	3,340.23	3/4	2,992.65	3/4	2,282.51

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 51'-06" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 29126"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,275.11	0	1,919.62	0	1,565.03	0	1,209.61	0	866.94	0	511.34	0	155.52	0		0		0	
1/4	2,267.71	1/4	1,912.20	1/4	1,557.64	1/4	1,202.47	1/4	859.55	1/4	503.93	1/4	148.11	1/4		1/4		1/4	
1/2	2,260.32	1/2	1,904.79	1/2	1,550.26	1/2	1,195.32	1/2	852.15	1/2	496.52	1/2	140.69	1/2		1/2		1/2	
3/4	2,252.92	3/4	1,897.38	3/4	1,542.87	3/4	1,188.18	3/4	844.76	3/4	489.10	3/4	133.28	3/4		3/4		3/4	
1	2,245.52	1	1,890.00	1	1,535.46	1	1,181.03	1	837.37	1	481.69	1	125.87	1		1		1	
1/4	2,238.12	1/4	1,882.61	1/4	1,528.05	1/4	1,173.89	1/4	829.98	1/4	474.28	1/4	118.46	1/4		1/4		1/4	
1/2	2,230.73	1/2	1,875.22	1/2	1,520.64	1/2	1,166.74	1/2	822.58	1/2	466.87	1/2	111.04	1/2		1/2		1/2	
3/4	2,223.33	3/4	1,867.84	3/4	1,513.23	3/4	1,159.60	3/4	815.19	3/4	459.45	3/4	103.63	3/4		3/4		3/4	
2	2,215.93	2	1,860.45	2	1,505.81	2	1,152.45	2	807.80	2	452.04	2	96.53	2		2		2	
1/4	2,208.53	1/4	1,853.07	1/4	1,498.40	1/4	1,145.31	1/4	800.41	1/4	444.63	1/4	89.43	1/4		1/4		1/4	
1/2	2,201.13	1/2	1,845.68	1/2	1,490.99	1/2	1,138.16	1/2	793.02	1/2	437.21	1/2	82.33	1/2		1/2		1/2	
3/4	2,193.74	3/4	1,838.30	3/4	1,483.58	3/4	1,131.02	3/4	785.62	3/4	429.80	3/4	75.24	3/4		3/4		3/4	
3	2,186.34	3	1,830.91	3	1,476.17	3	1,123.87	3	778.21	3	422.39	3	69.07	3		3		3	
1/4	2,178.94	1/4	1,823.52	1/4	1,468.75	1/4	1,116.73	1/4	770.80	1/4	414.97	1/4	62.91	1/4		1/4		1/4	
1/2	2,171.54	1/2	1,816.14	1/2	1,461.34	1/2	1,109.59	1/2	763.39	1/2	407.56	1/2	56.75	1/2		1/2		1/2	
3/4	2,164.15	3/4	1,808.75	3/4	1,453.93	3/4	1,102.44	3/4	755.97	3/4	400.15	3/4	50.59	3/4		3/4		3/4	
4	2,156.75	4	1,801.37	4	1,446.52	4	1,095.30	4	748.56	4	392.74	4	45.68	4		4		4	
1/4	2,149.35	1/4	1,793.98	1/4	1,439.11	1/4	1,088.15	1/4	741.15	1/4	385.32	1/4	40.77	1/4		1/4		1/4	
1/2	2,141.95	1/2	1,786.60	1/2	1,431.70	1/2	1,081.01	1/2	733.73	1/2	377.91	1/2	35.86	1/2		1/2		1/2	
3/4	2,134.56	3/4	1,779.21	3/4	1,424.28	3/4	1,073.86	3/4	726.32	3/4	370.50	3/4	30.95	3/4		3/4		3/4	
5	2,127.14	5	1,771.83	5	1,416.87	5	1,066.73	5	718.91	5	363.08	5	27.29	5		5		5	
1/4	2,119.73	1/4	1,764.44	1/4	1,409.46	1/4	1,059.60	1/4	711.49	1/4	355.67	1/4	23.64	1/4		1/4		1/4	
1/2	2,112.32	1/2	1,757.05	1/2	1,402.05	1/2	1,052.47	1/2	704.08	1/2	348.26	1/2	19.99	1/2		1/2		1/2	
3/4	2,104.91	3/4	1,749.67	3/4	1,394.64	3/4	1,045.34	3/4	696.67	3/4	340.84	3/4	16.34	3/4		3/4		3/4	
6	2,097.50	6	1,742.28	6	1,387.23	6	1,038.21	6	689.26	6	333.43	6		6		6		6	
1/4	2,090.08	1/4	1,734.90	1/4	1,379.81	1/4	1,031.08	1/4	681.84	1/4	326.02	1/4		1/4		1/4		1/4	
1/2	2,082.67	1/2	1,727.51	1/2	1,372.40	1/2	1,023.95	1/2	674.43	1/2	318.61	1/2		1/2		1/2		1/2	
3/4	2,075.26	3/4	1,720.13	3/4	1,364.99	3/4	1,016.81	3/4	667.02	3/4	311.19	3/4		3/4		3/4		3/4	
7	2,067.85	7	1,712.74	7	1,357.58	7	1,009.69	7	659.60	7	303.78	7		7		7		7	
1/4	2,060.44	1/4	1,705.36	1/4	1,350.17	1/4	1,002.56	1/4	652.19	1/4	296.37	1/4		1/4		1/4		1/4	
1/2	2,053.03	1/2	1,697.97	1/2	1,342.76	1/2	995.43	1/2	644.78	1/2	288.95	1/2		1/2		1/2		1/2	
3/4	2,045.61	3/4	1,690.58	3/4	1,335.34	3/4	988.31	3/4	637.36	3/4	281.54	3/4		3/4		3/4		3/4	
8	2,038.20	8	1,683.20	8	1,327.93	8	981.18	8	629.95	8	274.13	8		8		8		8	
1/4	2,030.79	1/4	1,675.81	1/4	1,320.52	1/4	974.06	1/4	622.54	1/4	266.71	1/4		1/4		1/4		1/4	
1/2	2,023.38	1/2	1,668.43	1/2	1,313.11	1/2	966.94	1/2	615.13	1/2	259.30	1/2		1/2		1/2		1/2	
3/4	2,015.97	3/4	1,661.04	3/4	1,305.70	3/4	959.81	3/4	607.71	3/4	251.89	3/4		3/4		3/4		3/4	
9	2,008.56	9	1,653.66	9	1,298.29	9	952.69	9	600.30	9	244.48	9		9		9		9	
1/4	2,001.14	1/4	1,646.27	1/4	1,290.87	1/4	945.57	1/4	592.89	1/4	237.06	1/4		1/4		1/4		1/4	
1/2	1,993.73	1/2	1,638.88	1/2	1,283.46	1/2	938.44	1/2	585.47	1/2	229.65	1/2		1/2		1/2		1/2	
3/4	1,986.32	3/4	1,631.50	3/4	1,276.05	3/4	931.32	3/4	578.06	3/4	222.24	3/4		3/4		3/4		3/4	
10	1,978.91	10	1,624.11	10	1,268.64	10	924.19	10	570.65	10	214.82	10		10		10		10	
1/4	1,971.50	1/4	1,616.73	1/4	1,261.23	1/4	917.07	1/4	563.23	1/4	207.41	1/4		1/4		1/4		1/4	
1/2	1,964.09	1/2	1,609.34	1/2	1,253.82	1/2	909.95	1/2	555.82	1/2	200.00	1/2		1/2		1/2		1/2	
3/4	1,956.67	3/4	1,601.96	3/4	1,246.40	3/4	902.82	3/4	548.41	3/4	192.58	3/4		3/4		3/4		3/4	
11	1,949.26	11	1,594.57	11	1,238.99	11	895.70	11	541.00	11	185.17	11		11		11		11	
1/4	1,941.85	1/4	1,587.19	1/4	1,231.58	1/4	888.58	1/4	533.58	1/4	177.76	1/4		1/4		1/4		1/4	
1/2	1,934.44	1/2	1,579.80	1/2	1,224.17	1/2	881.45	1/2	526.17	1/2	170.35	1/2		1/2		1/2		1/2	
3/4	1,927.03	3/4	1,572.41	3/4	1,216.76	3/4	874.33	3/4	518.76	3/4	162.93	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/11/2014 CL  
CALCULATED: 12/11/2014 CL  
PRINTED: 12/11/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2014

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



# BARGE "KIRBY 29126"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,365.37	0	4,124.43	0	3,878.00	0	3,619.62	0	3,349.59	0	2,996.89	0	2,640.76
1/4		1/4		1/4		1/4	4,360.73	1/4	4,119.42	1/4	3,872.74	1/4	3,614.12	1/4	3,343.88	1/4	2,998.47	1/4	2,633.34
1/2		1/2		1/2		1/2	4,356.09	1/2	4,114.41	1/2	3,867.48	1/2	3,608.61	1/2	3,338.18	1/2	2,982.05	1/2	2,625.92
3/4		3/4		3/4		3/4	4,351.94	3/4	4,109.39	3/4	3,862.20	3/4	3,603.08	3/4	3,330.76	3/4	2,974.63	3/4	2,618.50
1	1	1	1	1	1	1	4,347.78	1	4,104.36	1	3,856.92	1	3,597.55	1	3,323.34	1	2,967.21	1	2,611.08
1/4		1/4		1/4		1/4	4,343.62	1/4	4,099.33	1/4	3,851.64	1/4	3,592.01	1/4	3,315.92	1/4	2,959.79	1/4	2,603.66
1/2		1/2		1/2		1/2	4,339.47	1/2	4,094.30	1/2	3,846.36	1/2	3,586.48	1/2	3,308.50	1/2	2,952.37	1/2	2,596.24
3/4		3/4		3/4		3/4	4,334.11	3/4	4,089.25	3/4	3,841.07	3/4	3,580.93	3/4	3,301.09	3/4	2,944.95	3/4	2,588.82
2	2	2	2	2	2	2	4,328.75	2	4,084.20	2	3,835.77	2	3,575.38	2	3,293.67	2	2,937.53	2	2,581.40
1/4		1/4		1/4		1/4	4,323.40	1/4	4,079.15	1/4	3,830.47	1/4	3,569.84	1/4	3,286.25	1/4	2,930.12	1/4	2,573.98
1/2		1/2		1/2		1/2	4,318.04	1/2	4,074.10	1/2	3,825.17	1/2	3,564.29	1/2	3,278.83	1/2	2,922.70	1/2	2,566.56
3/4		3/4		3/4		3/4	4,312.34	3/4	4,069.03	3/4	3,819.85	3/4	3,558.72	3/4	3,271.41	3/4	2,915.28	3/4	2,559.15
3	3	3	3	3	3	3	4,306.64	3	4,063.96	3	3,814.53	3	3,553.15	3	3,263.99	3	2,907.86	3	2,551.73
1/4		1/4		1/4		1/4	4,300.94	1/4	4,058.89	1/4	3,809.21	1/4	3,547.58	1/4	3,256.57	1/4	2,900.44	1/4	2,544.31
1/2		1/2		1/2		1/2	4,295.23	1/2	4,053.82	1/2	3,803.89	1/2	3,542.02	1/2	3,249.15	1/2	2,893.02	1/2	2,536.89
3/4		3/4		3/4		3/4	4,289.53	3/4	4,048.73	3/4	3,798.55	3/4	3,536.43	3/4	3,241.73	3/4	2,885.60	3/4	2,529.47
4	4	4	4	4	4	4	4,283.83	4	4,043.63	4	3,793.21	4	3,530.84	4	3,234.31	4	2,878.18	4	2,522.05
1/4		1/4		1/4		1/4	4,278.13	1/4	4,038.54	1/4	3,787.87	1/4	3,525.25	1/4	3,226.89	1/4	2,870.76	1/4	2,514.63
1/2		1/2		1/2		1/2	4,272.42	1/2	4,033.45	1/2	3,782.53	1/2	3,519.65	1/2	3,219.47	1/2	2,863.34	1/2	2,507.21
3/4		3/4		3/4		3/4	4,267.56	3/4	4,028.34	3/4	3,777.17	3/4	3,514.05	3/4	3,212.05	3/4	2,855.92	3/4	2,499.79
5	5	5	5	5	5	5	4,262.69	5	4,023.22	5	3,771.81	5	3,508.44	5	3,204.63	5	2,848.50	5	2,492.37
1/4		1/4		1/4		1/4	4,257.83	1/4	4,018.11	1/4	3,766.44	1/4	3,502.83	1/4	3,197.21	1/4	2,841.08	1/4	2,484.95
1/2		1/2		1/2		1/2	4,252.96	1/2	4,013.00	1/2	3,761.08	1/2	3,497.22	1/2	3,189.79	1/2	2,833.66	1/2	2,477.53
3/4		3/4		3/4		3/4	4,248.08	3/4	4,007.87	3/4	3,755.70	3/4	3,491.59	3/4	3,182.37	3/4	2,826.24	3/4	2,470.11
6	6	6	6	6	6	6	4,243.20	6	4,002.73	6	3,750.32	6	3,485.95	6	3,174.96	6	2,818.82	6	2,462.69
1/4		1/4		1/4		1/4	4,238.31	1/4	3,997.60	1/4	3,744.94	1/4	3,480.32	1/4	3,167.54	1/4	2,811.40	1/4	2,455.27
1/2		1/2		1/2		1/2	4,233.43	1/2	3,992.46	1/2	3,739.55	1/2	3,474.69	1/2	3,160.12	1/2	2,803.99	1/2	2,447.85
3/4		3/4		3/4		3/4	4,228.52	3/4	3,987.31	3/4	3,734.15	3/4	3,469.04	3/4	3,152.70	3/4	2,796.57	3/4	2,440.43
7	7	7	7	7	7	7	4,223.61	7	3,982.16	7	3,728.75	7	3,463.39	7	3,145.28	7	2,789.15	7	2,433.02
1/4		1/4		1/4		1/4	4,218.70	1/4	3,977.00	1/4	3,723.34	1/4	3,457.73	1/4	3,137.86	1/4	2,781.73	1/4	2,425.60
1/2		1/2		1/2		1/2	4,213.80	1/2	3,971.85	1/2	3,717.94	1/2	3,452.08	1/2	3,130.44	1/2	2,774.31	1/2	2,418.18
3/4		3/4		3/4		3/4	4,208.87	3/4	3,966.67	3/4	3,712.51	3/4	3,446.41	3/4	3,123.02	3/4	2,766.89	3/4	2,410.76
8	8	8	8	8	8	8	4,203.95	8	3,961.49	8	3,707.09	8	3,440.73	8	3,115.60	8	2,759.47	8	2,403.34
1/4		1/4		1/4		1/4	4,199.02	1/4	3,956.32	1/4	3,701.67	1/4	3,435.06	1/4	3,108.18	1/4	2,752.05	1/4	2,395.92
1/2		1/2		1/2		1/2	4,194.09	1/2	3,951.14	1/2	3,696.24	1/2	3,429.39	1/2	3,100.76	1/2	2,744.63	1/2	2,388.50
3/4		3/4		3/4		3/4	4,189.14	3/4	3,945.94	3/4	3,690.80	3/4	3,423.69	3/4	3,093.34	3/4	2,737.21	3/4	2,381.08
9	9	9	9	9	9	9	4,184.19	9	3,940.75	9	3,685.35	9	3,418.00	9	3,085.92	9	2,729.79	9	2,373.66
1/4		1/4		1/4		1/4	4,179.24	1/4	3,935.55	1/4	3,679.90	1/4	3,412.31	1/4	3,078.50	1/4	2,722.37	1/4	2,366.24
1/2		1/2		1/2		1/2	4,174.29	1/2	3,930.36	1/2	3,674.46	1/2	3,406.61	1/2	3,071.08	1/2	2,714.95	1/2	2,358.82
3/4		3/4		3/4		3/4	4,169.33	3/4	3,925.14	3/4	3,668.99	3/4	3,400.91	3/4	3,063.66	3/4	2,707.53	3/4	2,351.40
10	10	10	10	10	10	10	4,164.36	10	3,919.92	10	3,663.53	10	3,395.21	10	3,056.25	10	2,700.11	10	2,343.98
1/4		1/4		1/4		1/4	4,159.39	1/4	3,914.70	1/4	3,658.06	1/4	3,389.51	1/4	3,048.83	1/4	2,692.69	1/4	2,336.56
1/2		1/2		1/2		1/2	4,154.42	1/2	3,909.48	1/2	3,652.60	1/2	3,383.80	1/2	3,041.41	1/2	2,685.28	1/2	2,329.14
3/4		3/4		3/4		3/4	4,149.43	3/4	3,904.24	3/4	3,647.11	3/4	3,378.10	3/4	3,033.99	3/4	2,677.86	3/4	2,321.72
11	11	11	11	11	11	11	4,144.44	11	3,899.00	11	3,641.62	11	3,372.40	11	3,026.57	11	2,670.44	11	2,314.31
1/4		1/4		1/4		1/4	4,139.44	1/4	3,893.77	1/4	3,636.13	1/4	3,366.70	1/4	3,019.15	1/4	2,663.02	1/4	2,306.89
1/2		1/2		1/2		1/2	4,374.64	1/2	4,134.45	1/2	3,888.53	1/2	3,630.64	1/2	3,011.73	1/2	2,655.60	1/2	2,299.47
3/4		3/4		3/4		3/4	4,370.00	3/4	4,129.44	3/4	3,883.27	3/4	3,625.13	3/4	3,004.31	3/4	2,648.18	3/4	2,292.05

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 51'-06" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 29126"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,284.63	0	1,928.50	0	1,572.37	0	1,216.23	0	860.37	0	504.36	0	148.24	0		0		0	
1/4	2,277.21	1/4	1,921.08	1/4	1,564.95	1/4	1,208.81	1/4	852.96	1/4	496.94	1/4	140.82	1/4		1/4		1/4	
1/2	2,269.79	1/2	1,913.66	1/2	1,557.53	1/2	1,201.40	1/2	845.55	1/2	489.52	1/2	133.40	1/2		1/2		1/2	
3/4	2,262.37	3/4	1,906.24	3/4	1,550.11	3/4	1,193.98	3/4	838.14	3/4	482.11	3/4	125.98	3/4		3/4		3/4	
1	2,254.95	1	1,898.82	1	1,542.69	1	1,186.56	1	830.74	1	474.69	1	118.57	1		1		1	
1/4	2,247.53	1/4	1,891.40	1/4	1,535.27	1/4	1,179.14	1/4	823.33	1/4	467.27	1/4	111.15	1/4		1/4		1/4	
1/2	2,240.11	1/2	1,883.98	1/2	1,527.85	1/2	1,171.72	1/2	815.92	1/2	459.85	1/2	103.73	1/2		1/2		1/2	
3/4	2,232.69	3/4	1,876.56	3/4	1,520.43	3/4	1,164.30	3/4	808.51	3/4	452.43	3/4	96.62	3/4		3/4		3/4	
2	2,225.27	2	1,869.14	2	1,513.01	2	1,156.88	2	801.11	2	445.01	2	89.52	2		2		2	
1/4	2,217.85	1/4	1,861.72	1/4	1,505.59	1/4	1,149.46	1/4	793.70	1/4	437.59	1/4	82.41	1/4		1/4		1/4	
1/2	2,210.43	1/2	1,854.30	1/2	1,498.17	1/2	1,142.04	1/2	786.29	1/2	430.17	1/2	75.31	1/2		1/2		1/2	
3/4	2,203.01	3/4	1,846.88	3/4	1,490.75	3/4	1,134.62	3/4	778.87	3/4	422.75	3/4	69.14	3/4		3/4		3/4	
3	2,195.59	3	1,839.46	3	1,483.33	3	1,127.20	3	771.45	3	415.33	3	62.97	3		3		3	
1/4	2,188.18	1/4	1,832.04	1/4	1,475.91	1/4	1,119.78	1/4	764.04	1/4	407.91	1/4	56.80	1/4		1/4		1/4	
1/2	2,180.76	1/2	1,824.62	1/2	1,468.49	1/2	1,112.36	1/2	756.62	1/2	400.49	1/2	50.63	1/2		1/2		1/2	
3/4	2,173.34	3/4	1,817.21	3/4	1,461.07	3/4	1,104.94	3/4	749.20	3/4	393.08	3/4	45.71	3/4		3/4		3/4	
4	2,165.92	4	1,809.79	4	1,453.65	4	1,097.52	4	741.78	4	385.66	4	40.79	4		4		4	
1/4	2,158.50	1/4	1,802.37	1/4	1,446.24	1/4	1,090.10	1/4	734.36	1/4	378.24	1/4	35.88	1/4		1/4		1/4	
1/2	2,151.08	1/2	1,794.95	1/2	1,438.82	1/2	1,082.68	1/2	726.94	1/2	370.82	1/2	30.96	1/2		1/2		1/2	
3/4	2,143.66	3/4	1,787.53	3/4	1,431.40	3/4	1,075.27	3/4	719.52	3/4	363.40	3/4	27.30	3/4		3/4		3/4	
5	2,136.24	5	1,780.11	5	1,423.98	5	1,067.85	5	712.10	5	355.98	5	23.64	5		5		5	
1/4	2,128.82	1/4	1,772.69	1/4	1,416.56	1/4	1,060.43	1/4	704.68	1/4	348.56	1/4	19.98	1/4		1/4		1/4	
1/2	2,121.40	1/2	1,765.27	1/2	1,409.14	1/2	1,053.01	1/2	697.26	1/2	341.14	1/2	16.32	1/2		1/2		1/2	
3/4	2,113.98	3/4	1,757.85	3/4	1,401.72	3/4	1,045.59	3/4	689.84	3/4	333.72	3/4		3/4		3/4		3/4	
6	2,106.56	6	1,750.43	6	1,394.30	6	1,038.17	6	682.42	6	326.30	6		6		6		6	
1/4	2,099.14	1/4	1,743.01	1/4	1,386.88	1/4	1,030.75	1/4	675.00	1/4	318.88	1/4		1/4		1/4		1/4	
1/2	2,091.72	1/2	1,735.59	1/2	1,379.46	1/2	1,023.33	1/2	667.59	1/2	311.46	1/2		1/2		1/2		1/2	
3/4	2,084.30	3/4	1,728.17	3/4	1,372.04	3/4	1,015.92	3/4	660.17	3/4	304.04	3/4		3/4		3/4		3/4	
7	2,076.88	7	1,720.75	7	1,364.62	7	1,008.51	7	652.75	7	296.63	7		7		7		7	
1/4	2,069.46	1/4	1,713.33	1/4	1,357.20	1/4	1,001.11	1/4	645.33	1/4	289.21	1/4		1/4		1/4		1/4	
1/2	2,062.05	1/2	1,705.91	1/2	1,349.78	1/2	993.70	1/2	637.91	1/2	281.79	1/2		1/2		1/2		1/2	
3/4	2,054.63	3/4	1,698.49	3/4	1,342.36	3/4	986.29	3/4	630.49	3/4	274.37	3/4		3/4		3/4		3/4	
8	2,047.21	8	1,691.08	8	1,334.94	8	978.89	8	623.07	8	266.95	8		8		8		8	
1/4	2,039.79	1/4	1,683.66	1/4	1,327.52	1/4	971.48	1/4	615.65	1/4	259.53	1/4		1/4		1/4		1/4	
1/2	2,032.37	1/2	1,676.24	1/2	1,320.11	1/2	964.07	1/2	608.23	1/2	252.11	1/2		1/2		1/2		1/2	
3/4	2,024.95	3/4	1,668.82	3/4	1,312.69	3/4	956.66	3/4	600.81	3/4	244.69	3/4		3/4		3/4		3/4	
9	2,017.53	9	1,661.40	9	1,305.27	9	949.26	9	593.39	9	237.27	9		9		9		9	
1/4	2,010.11	1/4	1,653.98	1/4	1,297.85	1/4	941.85	1/4	585.97	1/4	229.85	1/4		1/4		1/4		1/4	
1/2	2,002.69	1/2	1,646.56	1/2	1,290.43	1/2	934.44	1/2	578.56	1/2	222.43	1/2		1/2		1/2		1/2	
3/4	1,995.27	3/4	1,639.14	3/4	1,283.01	3/4	927.03	3/4	571.14	3/4	215.01	3/4		3/4		3/4		3/4	
10	1,987.85	10	1,631.72	10	1,275.59	10	919.63	10	563.72	10	207.60	10		10		10		10	
1/4	1,980.43	1/4	1,624.30	1/4	1,268.17	1/4	912.22	1/4	556.30	1/4	200.18	1/4		1/4		1/4		1/4	
1/2	1,973.01	1/2	1,616.88	1/2	1,260.75	1/2	904.81	1/2	548.88	1/2	192.76	1/2		1/2		1/2		1/2	
3/4	1,965.59	3/4	1,609.46	3/4	1,253.33	3/4	897.40	3/4	541.46	3/4	185.34	3/4		3/4		3/4		3/4	
11	1,958.17	11	1,602.04	11	1,245.91	11	890.00	11	534.04	11	177.92	11		11		11		11	
1/4	1,950.75	1/4	1,594.62	1/4	1,238.49	1/4	882.59	1/4	526.62	1/4	170.50	1/4		1/4		1/4		1/4	
1/2	1,943.34	1/2	1,587.20	1/2	1,231.07	1/2	875.18	1/2	519.20	1/2	163.08	1/2		1/2		1/2		1/2	
3/4	1,935.92	3/4	1,579.78	3/4	1,223.65	3/4	867.77	3/4	511.78	3/4	155.66	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/11/2014 CL  
CALCULATED: 12/11/2014 CL  
PRINTED: 12/11/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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